

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067536.D
 Acq On : 05 Nov 2020 11:25
 Operator : VA/SY
 Sample : VD1105SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:33 AM

Quant Time: Nov 06 00:31:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	417406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	131375	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.92	113	135207	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.34	98	470014	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.64	95	168316	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62962	22.372	ug/l	97
3) Chloromethane	2.21	50	40270	20.690	ug/l	98
4) Vinyl Chloride	2.35	62	44366	20.445	ug/l	96
5) Bromomethane	2.76	94	34468	19.597	ug/l	94
6) Chloroethane	2.91	64	27442	20.512	ug/l	98
7) Trichlorofluoromethane	3.27	101	113899	20.271	ug/l	97
8) Diethyl Ether	3.71	74	23937	21.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58765	20.720	ug/l	99
10) Methyl Iodide	4.30	142	55435	18.236	ug/l	98
11) Tert butyl alcohol	5.21	59	16888	134.019	ug/l	98
12) 1,1-Dichloroethene	4.07	96	53164	20.379	ug/l	96
13) Acrolein	3.92	56	6205	73.703	ug/l	98
14) Allyl chloride	4.71	41	56599	20.271	ug/l	96
15) Acrylonitrile	5.43	53	43852	104.780	ug/l	98
16) Acetone	4.16	43	38108	93.178	ug/l	99
17) Carbon Disulfide	4.41	76	161711	20.229	ug/l	95
18) Methyl Acetate	4.72	43	17877	21.153	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	107792	20.947	ug/l	93
20) Methylene Chloride	4.97	84	58130	20.121	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	61253	20.158	ug/l	95
22) Diisopropyl ether	6.37	45	114258	20.999	ug/l	93
23) Vinyl Acetate	6.31	43	294010	103.231	ug/l	100
24) 1,1-Dichloroethane	6.26	63	91428	20.540	ug/l	97
25) 2-Butanone	7.21	43	44051	100.802	ug/l	100
26) 2,2-Dichloropropane	7.21	77	96996	20.647	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	65474	20.760	ug/l	99
28) Bromochloromethane	7.55	49	31250	19.737	ug/l	98
29) Tetrahydrofuran	7.57	42	28463	108.733	ug/l	97
30) Chloroform	7.71	83	110762	20.858	ug/l	95
31) Cyclohexane	7.99	56	77260	19.491	ug/l	# 90
32) 1,1,1-Trichloroethane	7.90	97	111640	20.376	ug/l	99
36) 1,1-Dichloropropene	8.12	75	84166	21.313	ug/l	100
37) Ethyl Acetate	7.30	43	20020	19.527	ug/l	97
38) Carbon Tetrachloride	8.10	117	107893	21.028	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	95279	20.499	ug/l	96
40) Benzene	8.36	78	223310	20.876	ug/l	98
41) Methacrylonitrile	7.53	41	12470	20.348	ug/l	97
42) 1,2-Dichloroethane	8.43	62	71901	21.755	ug/l	97
43) Isopropyl Acetate	8.46	43	42376	20.899	ug/l	97
44) Trichloroethene	9.11	130	71958	20.459	ug/l	100
45) 1,2-Dichloropropane	9.39	63	47686	20.619	ug/l	97
46) Dibromomethane	9.48	93	29766	20.242	ug/l	96
47) Bromodichloromethane	9.67	83	84316	21.095	ug/l	97
48) Methyl methacrylate	9.46	41	20145	19.242	ug/l #	84
49) 1,4-Dioxane	9.47	88	6558	439.300	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	104431	107.693	ug/l	100
52) Toluene	10.41	92	147820	20.631	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	70411	20.569	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	84328	20.734	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	42345	21.764	ug/l	97
56) Ethyl methacrylate	10.66	69	40289	20.052	ug/l	99
57) 1,3-Dichloropropane	10.95	76	65830	21.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	103345	110.297	ug/l	98
59) 2-Hexanone	10.99	43	71149	104.936	ug/l	100
60) Dibromochloromethane	11.14	129	61607	21.405	ug/l	99
61) 1,2-Dibromoethane	11.25	107	40959	20.975	ug/l	99
64) Tetrachloroethene	10.88	164	64359	20.820	ug/l	97
65) Chlorobenzene	11.67	112	163868	20.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	66563	21.005	ug/l	98
67) Ethyl Benzene	11.75	91	285744	20.768	ug/l	98
68) m/p-Xylenes	11.86	106	229847	42.940	ug/l	97
69) o-Xylene	12.18	106	103333	21.622	ug/l	96
70) Styrene	12.20	104	179764	21.587	ug/l	99
71) Bromoform	12.36	173	34717	21.481	ug/l #	98
73) Isopropylbenzene	12.48	105	288848	21.305	ug/l	100
74) N-amyl acetate	12.29	43	36735	20.591	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	39674	21.460	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23060m	18.222	ug/l	
77) Bromobenzene	12.77	156	67907	20.395	ug/l	97
78) n-propylbenzene	12.83	91	326678	21.065	ug/l	99
79) 2-Chlorotoluene	12.91	91	186288	21.147	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	245852	21.228	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12576	20.176	ug/l	95
82) 4-Chlorotoluene	13.01	91	205240	21.723	ug/l	98
83) tert-Butylbenzene	13.23	119	212590	21.658	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	244121	21.175	ug/l	98
85) sec-Butylbenzene	13.40	105	284537	21.473	ug/l	99
86) p-Isopropyltoluene	13.52	119	267096	20.874	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	137990	21.719	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	134176	20.857	ug/l	98
89) n-Butylbenzene	13.85	91	231848	20.977	ug/l	99
90) Hexachloroethane	14.11	117	52141	21.638	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	116784	21.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7795	23.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	78588	21.058	ug/l	100
94) Hexachlorobutadiene	15.27	225	47748	19.116	ug/l	97
95) Naphthalene	15.40	128	120572	20.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	67250	21.043	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

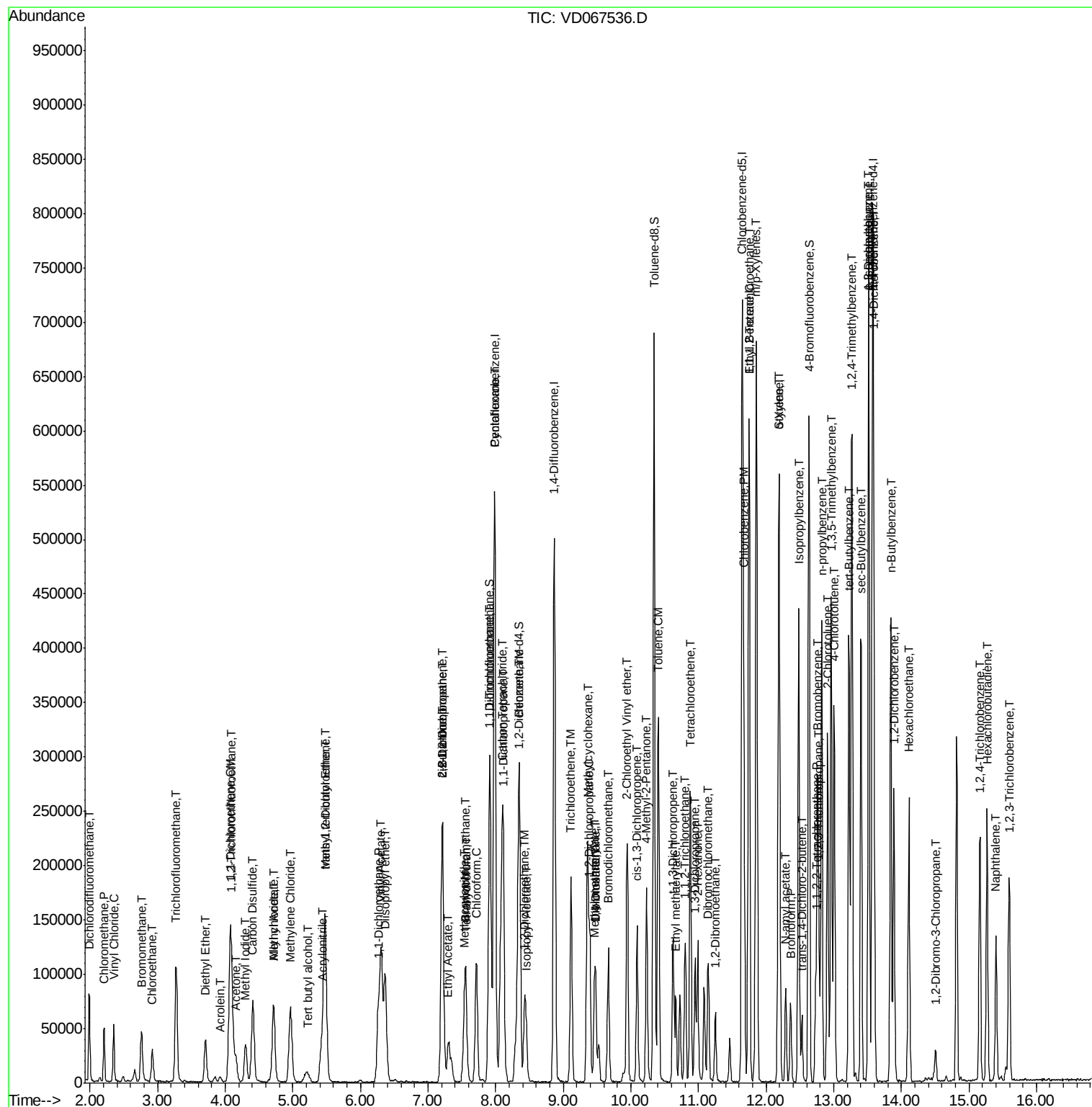
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Data File : VD067536.D
Acq On : 05 Nov 2020 11:25
Operator : VA/SY
Sample : VD1105SBS01
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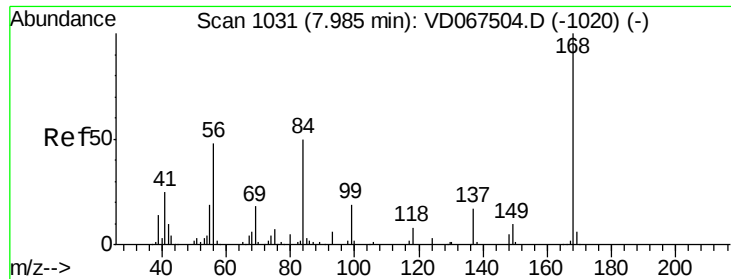
Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:168 Resp: 312563

Ion Ratio Lower Upper

168 100

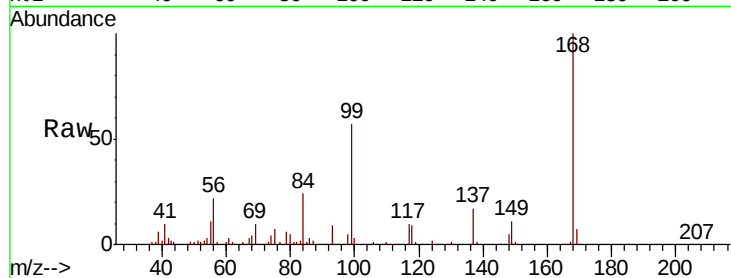
99 56.5 45.0 67.6

Manual Integrations

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11/6/2020 9:24:33 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

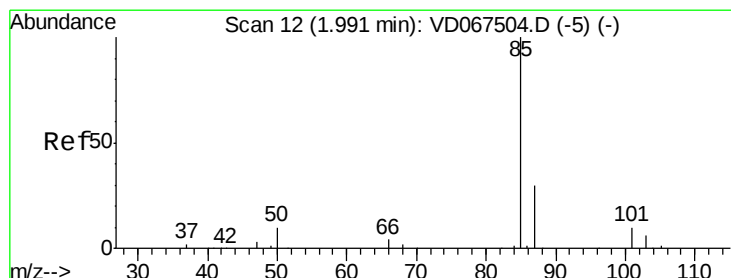
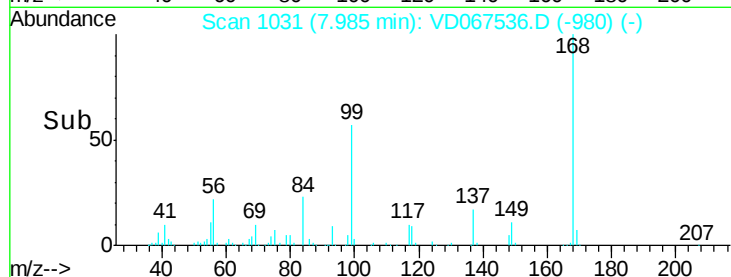
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.372 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067536.D

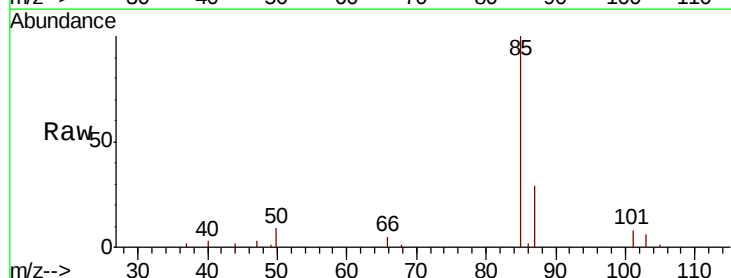
Acq: 05 Nov 2020 11:25

Tgt Ion: 85 Resp: 62962

Ion Ratio Lower Upper

85 100

87 29.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

50000

40000

30000

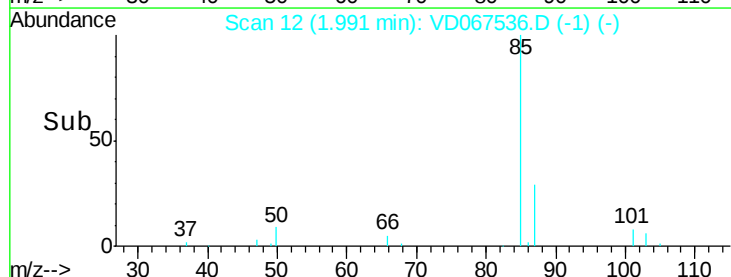
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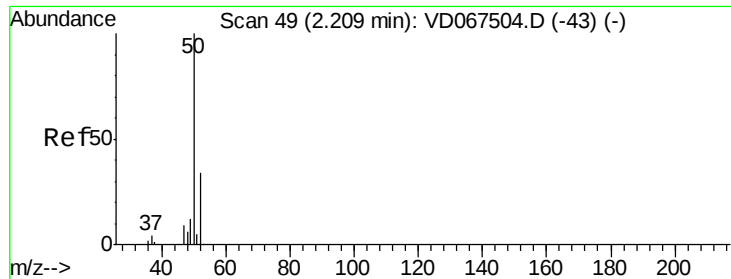
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.690 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 50 Resp: 40270

Ion Ratio Lower Upper

50 100

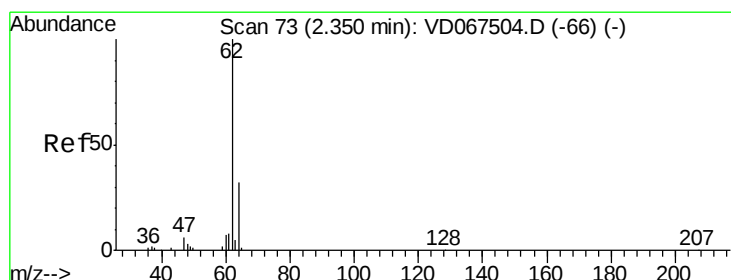
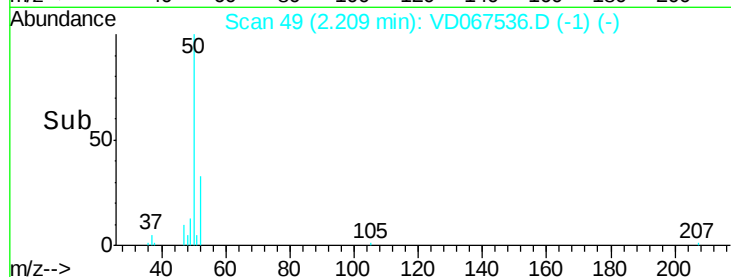
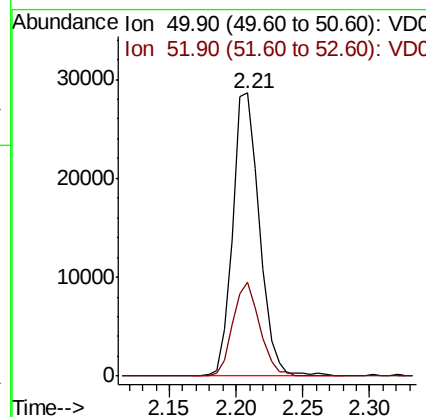
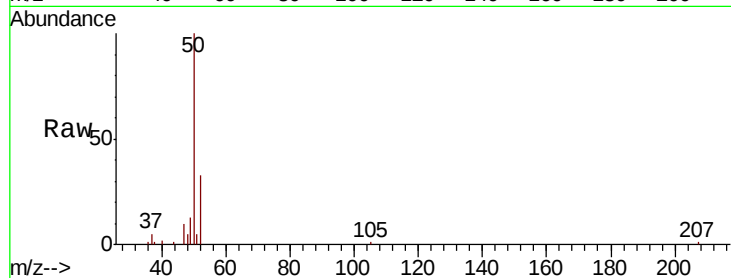
52 33.2 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.445 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067536.D

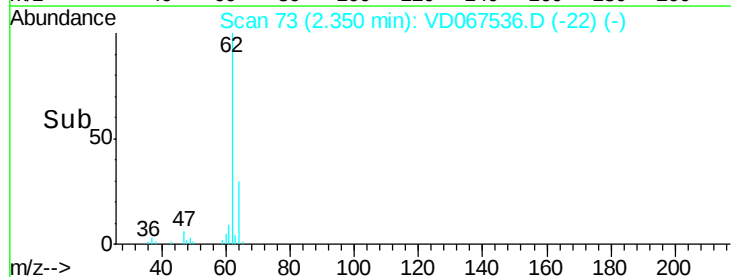
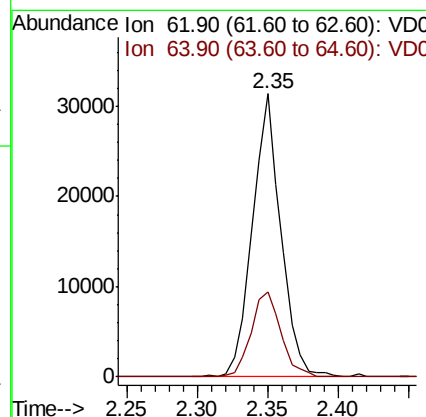
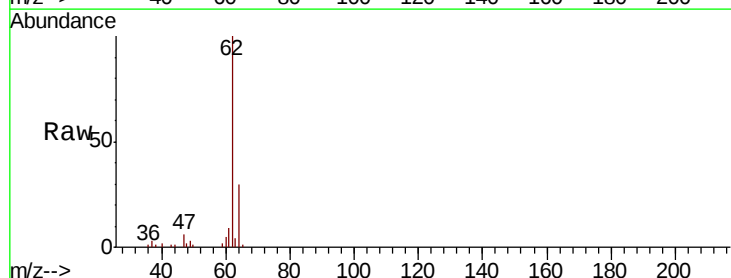
Acq: 05 Nov 2020 11:25

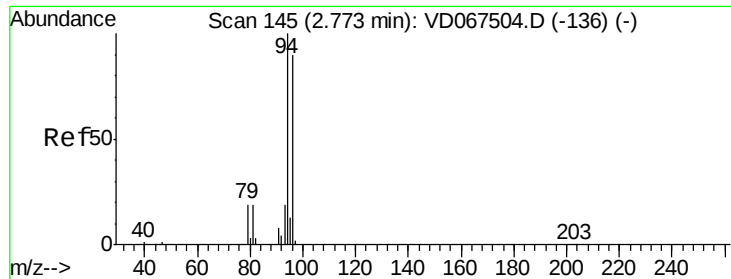
Tgt Ion: 62 Resp: 44366

Ion Ratio Lower Upper

62 100

64 30.0 25.6 38.4





#5

Bromomethane

Concen: 19.597 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

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Tot Ion: 94 Resp: 34468

Ion Ratio Lower Upper

94 100

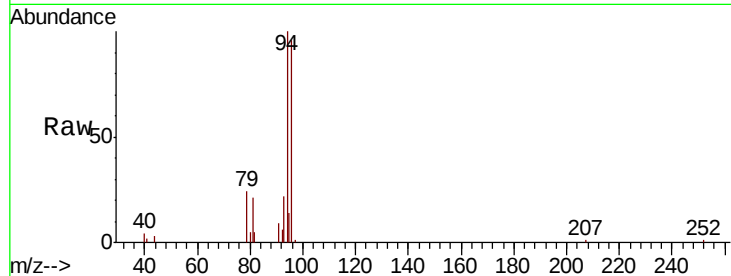
96 95.7 72.2 108.2

Manual Integrations

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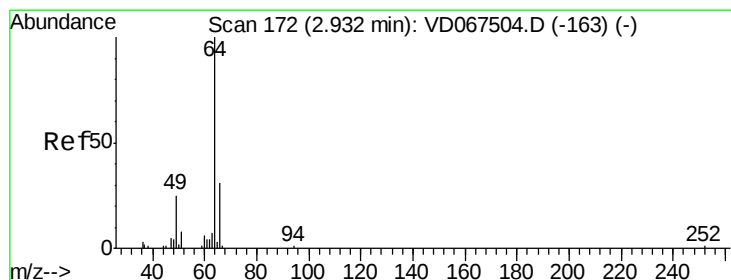
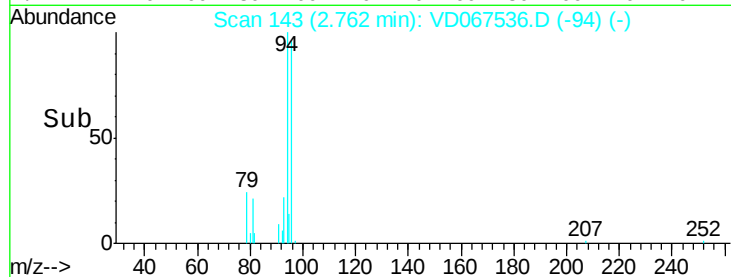
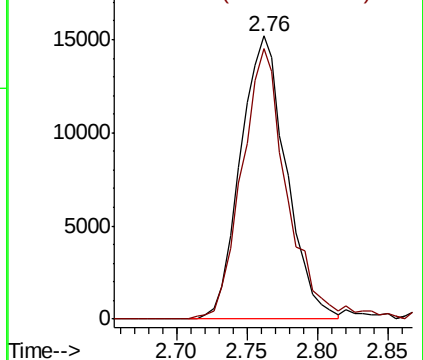
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.512 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.02 min

Lab File: VD067536.D

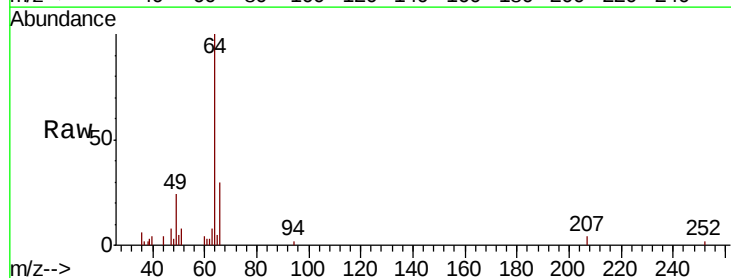
Acq: 05 Nov 2020 11:25

Tgt Ion: 64 Resp: 27442

Ion Ratio Lower Upper

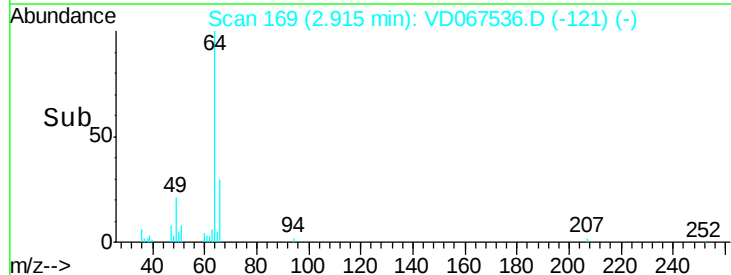
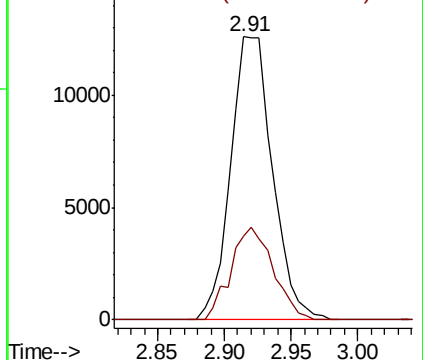
64 100

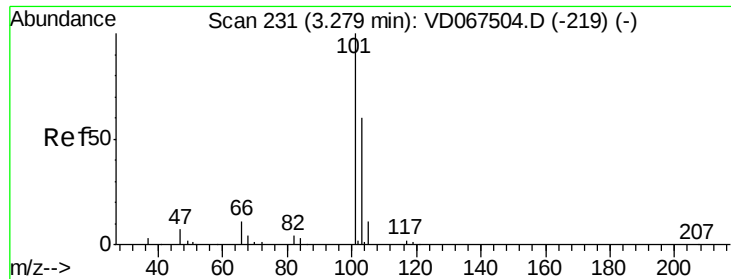
66 29.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

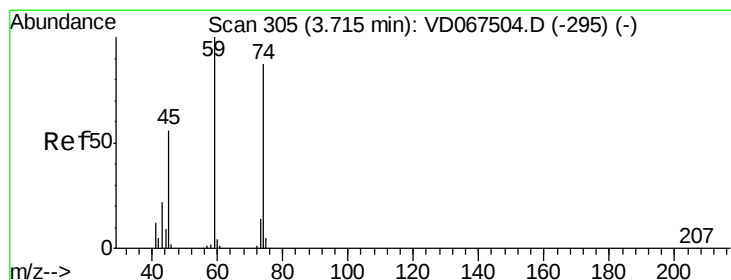
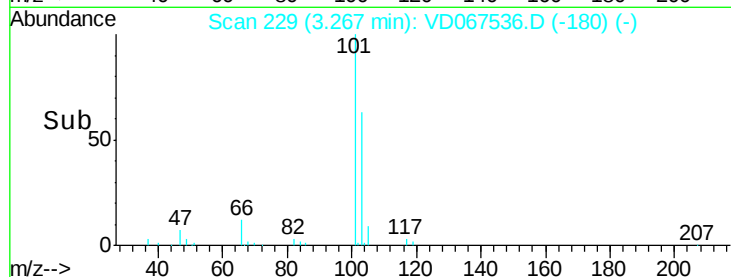
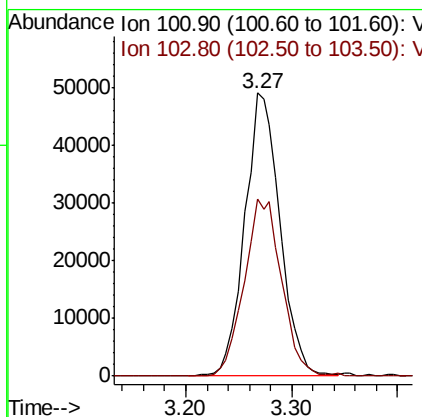
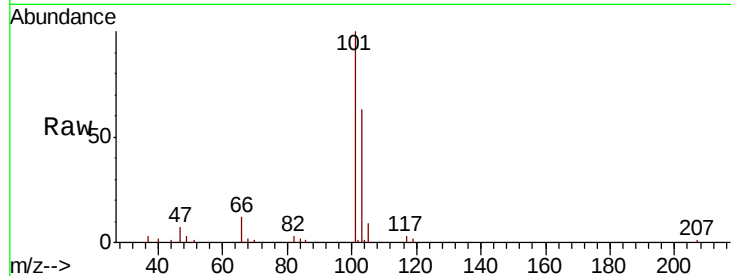
Trichlorofluoromethane
Concen: 20.271 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
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ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	48.1	72.1

Manual Integrations
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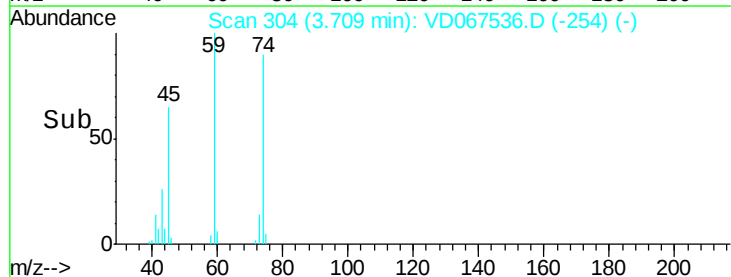
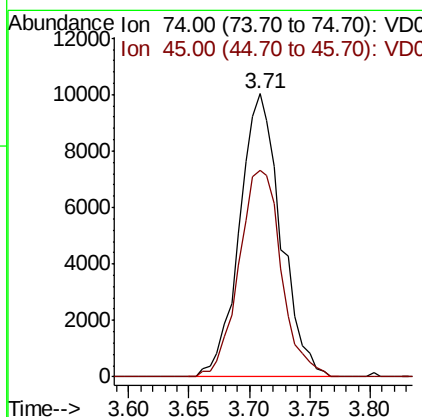
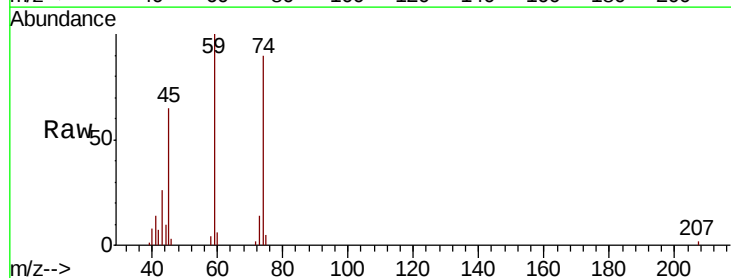
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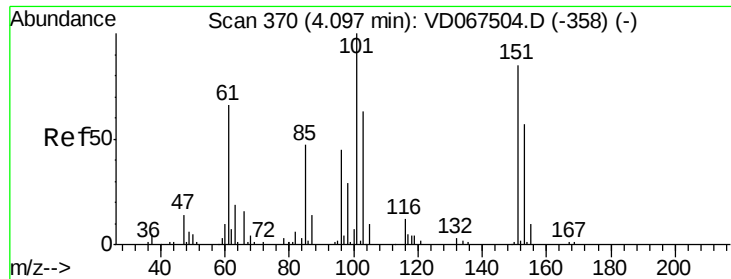


#8

Diethyl Ether
Concen: 21.142 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.7	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.720 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBSD01

Tot Ion:101 Resp: 58765

Ion Ratio Lower Upper

101 100

85 43.9 34.4 51.6

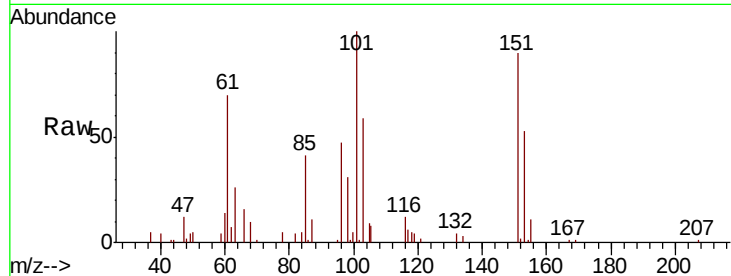
151 84.2 68.1 102.1

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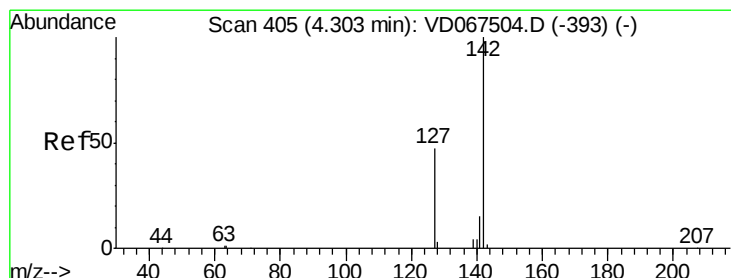
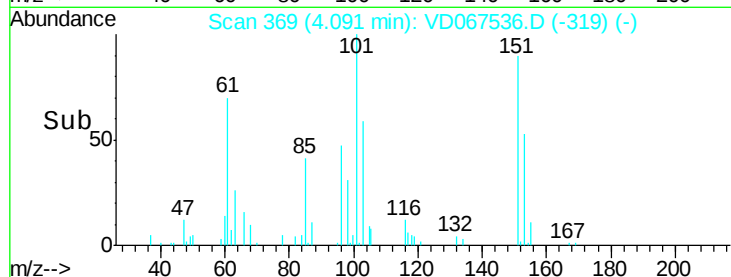
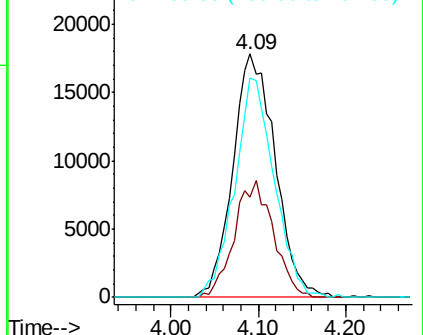
11/6/2020 9:24:33 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.236 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

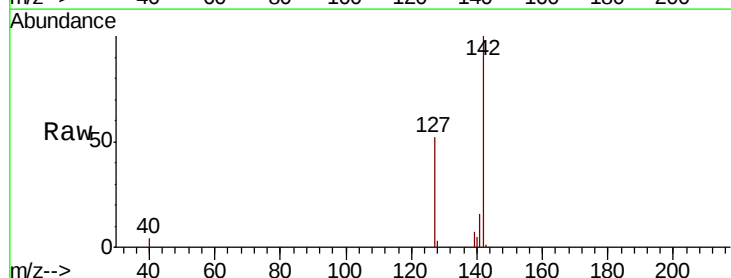
Tgt Ion:142 Resp: 55435

Ion Ratio Lower Upper

142 100

127 51.6 40.0 60.0

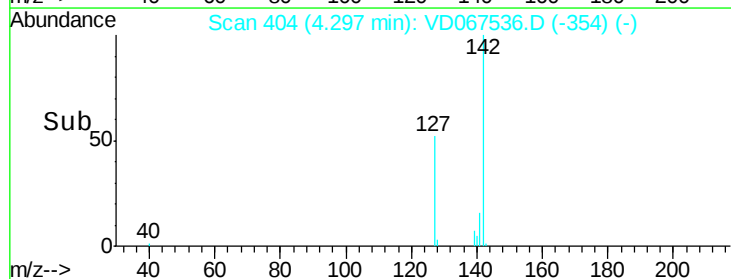
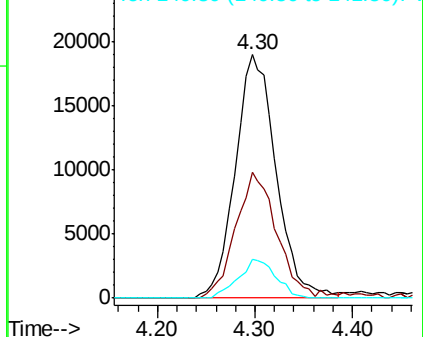
141 14.7 11.7 17.5

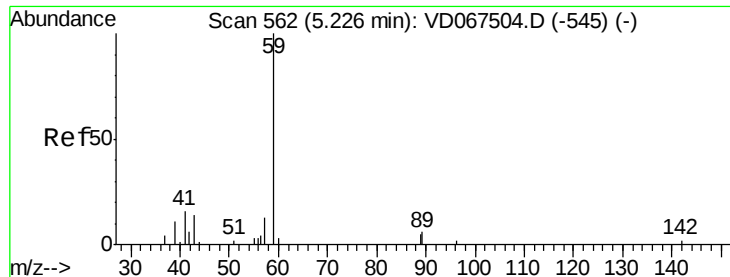


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





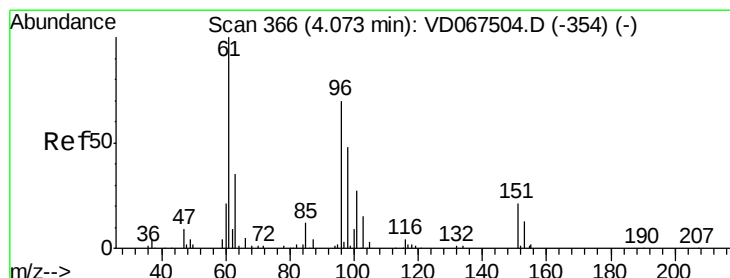
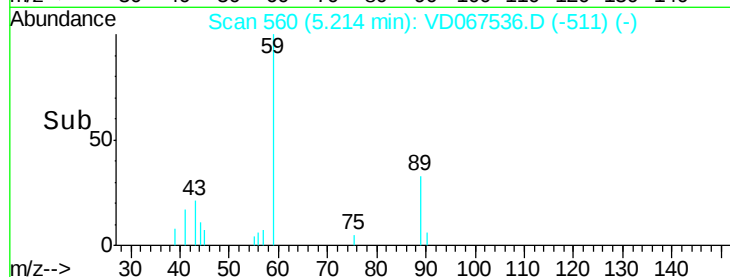
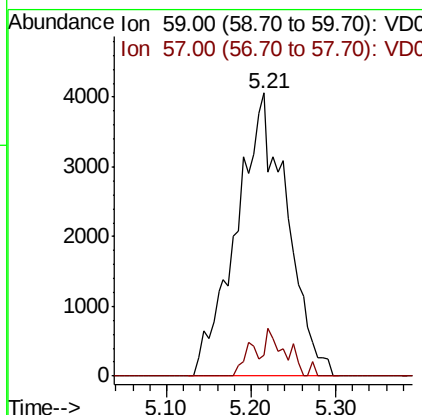
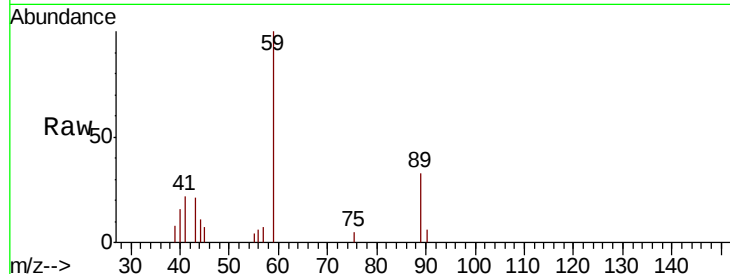
#11
Tert butyl alcohol
Concen: 134.019 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 59 Resp: 16888
Ion Ratio Lower Upper
59 100
57 6.5 5.9 8.9

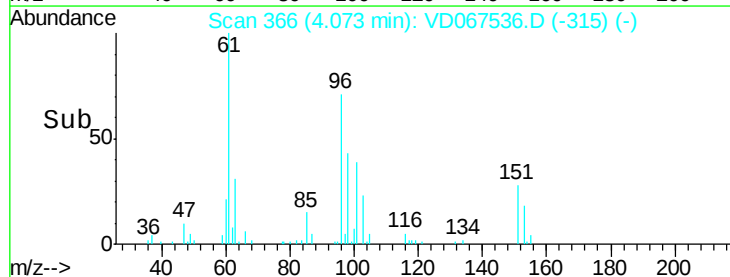
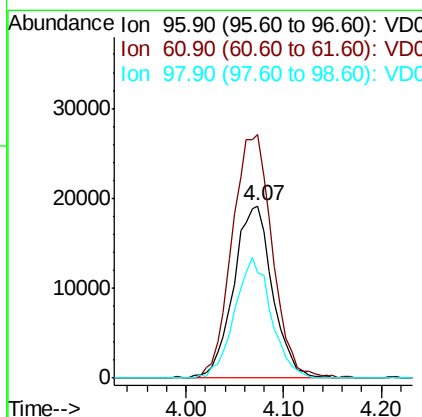
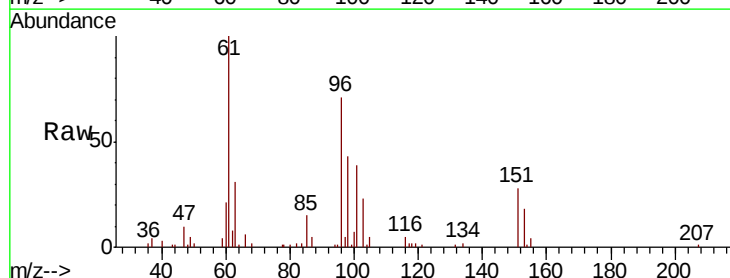
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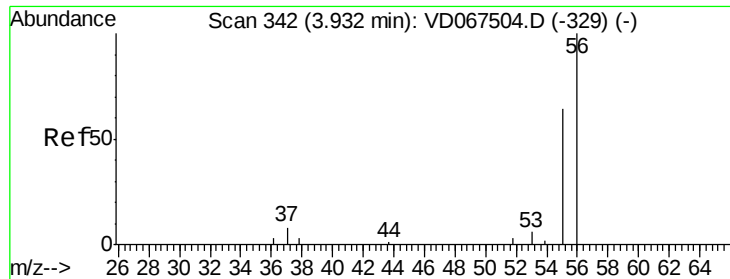
MMDadoda
11/6/2020 9:24:33 AM



#12
1,1-Dichloroethene
Concen: 20.379 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion: 96 Resp: 53164
Ion Ratio Lower Upper
96 100
61 141.5 114.5 171.7
98 61.4 54.5 81.7





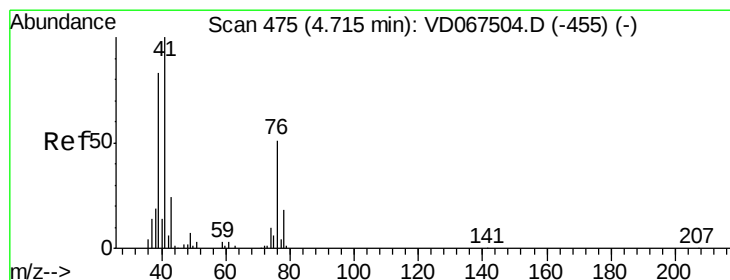
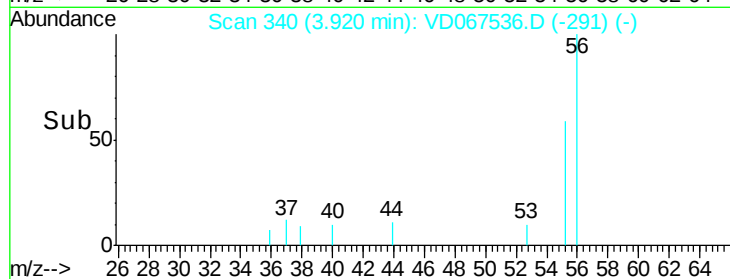
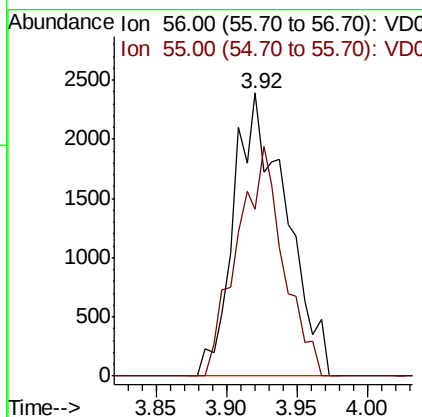
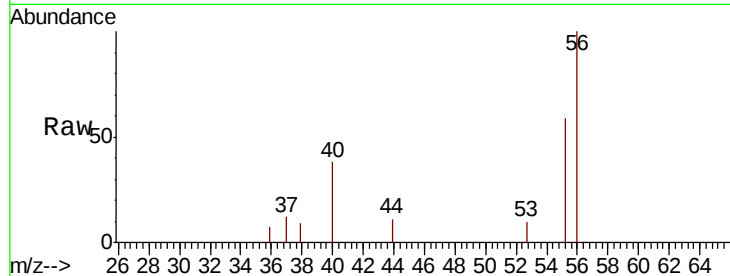
#13
Acrolein
Concen: 73.703 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.8	83.8

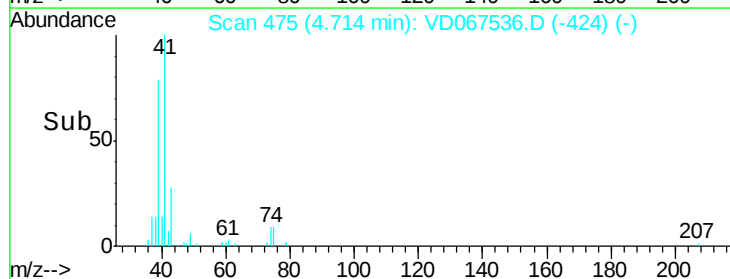
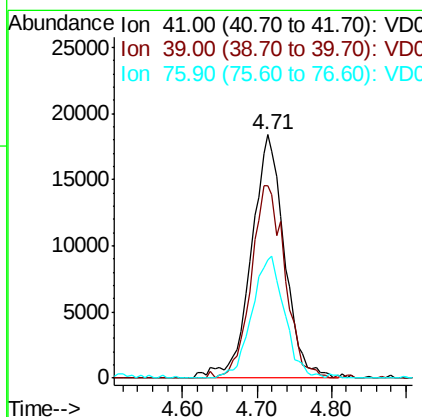
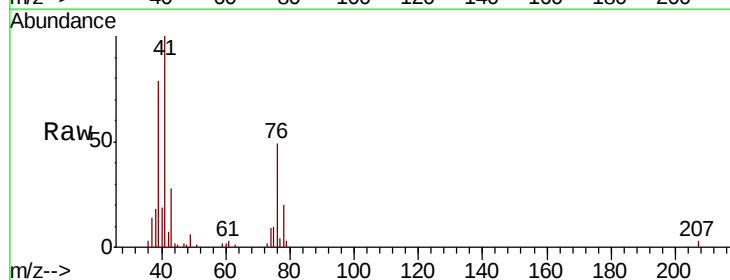
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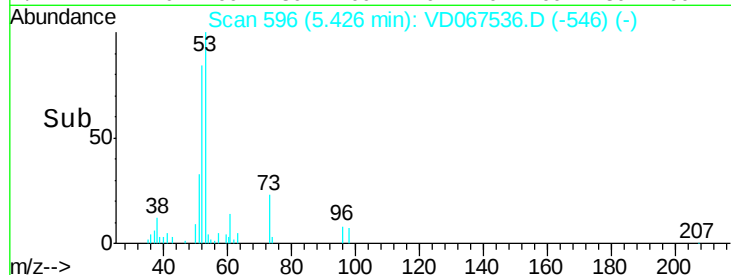
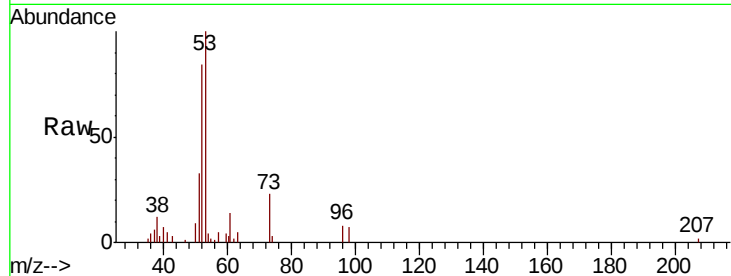
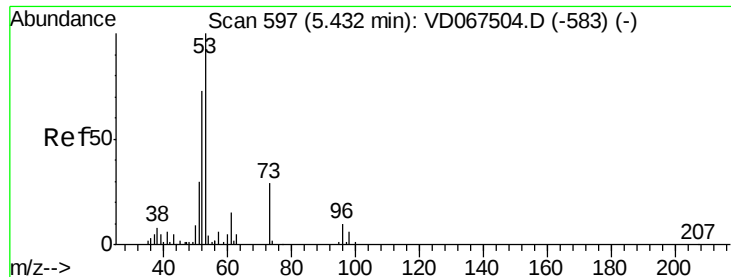
MMDadoda
11/6/2020 9:24:33 AM



#14
Allyl chloride
Concen: 20.271 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.3	67.4	101.0
76	49.5	42.2	63.2





#15

Acrylonitrile

Concen: 104.780 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067536.D

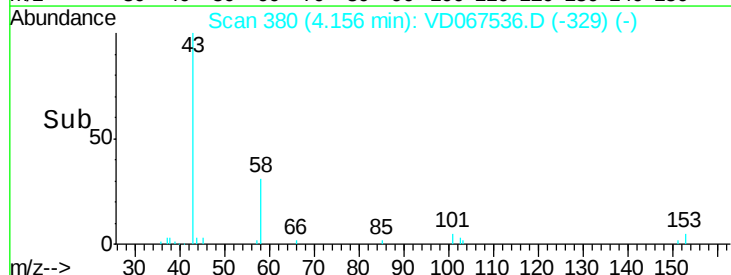
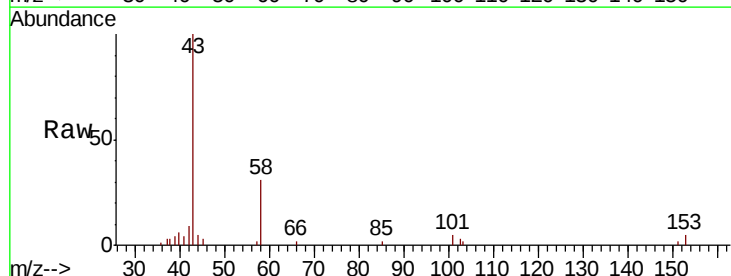
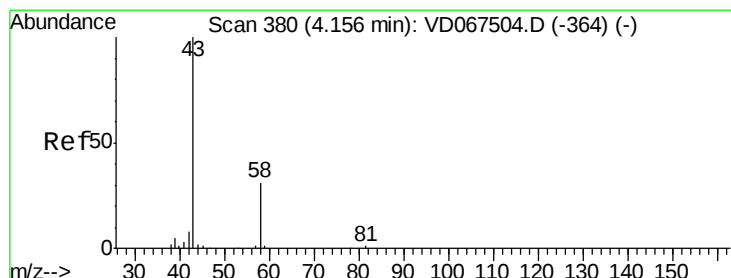
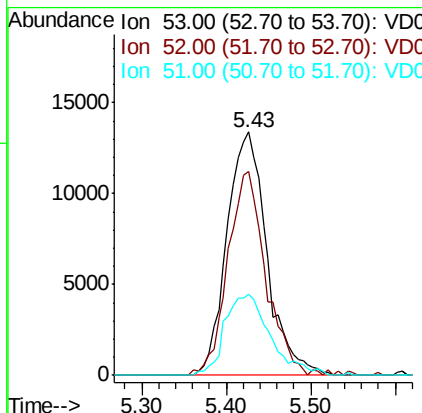
Acq: 05 Nov 2020 11:25

Tot Ion:	53	Resp:	43852
Ion Ratio	Lower	Upper	
53	100		
52	79.0	64.8	97.2
51	37.8	29.5	44.3

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

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11/6/2020 9:24:33 AM



#16

Acetone

Concen: 93.178 ug/l

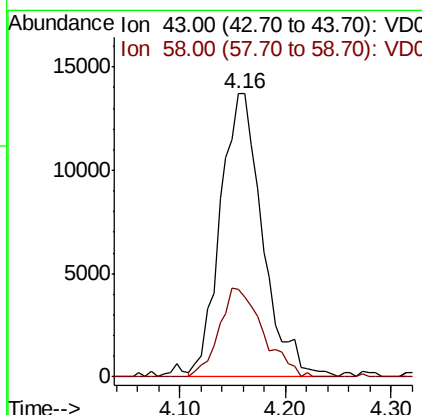
RT: 4.16 min Scan# 380

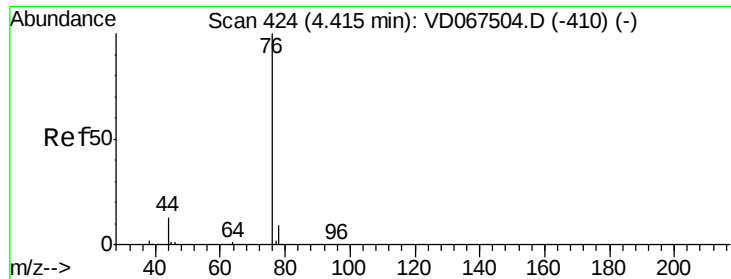
Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Tgt Ion:	43	Resp:	38108
Ion Ratio	Lower	Upper	
43	100		
58	30.8	25.2	37.8





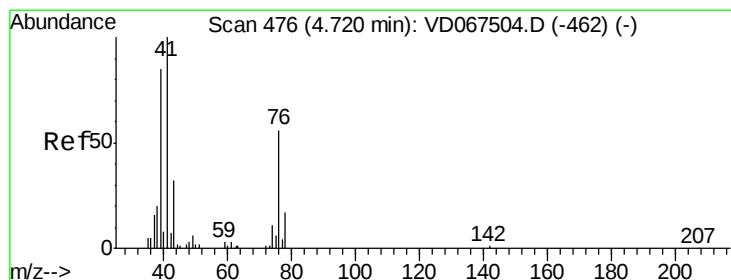
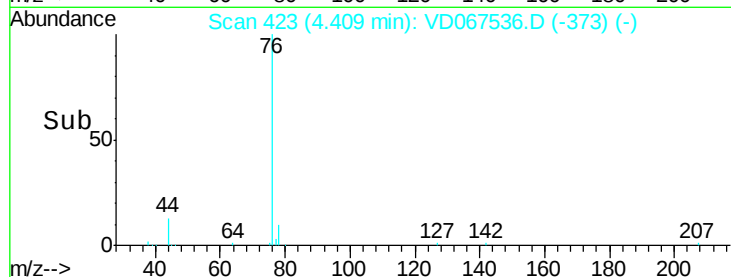
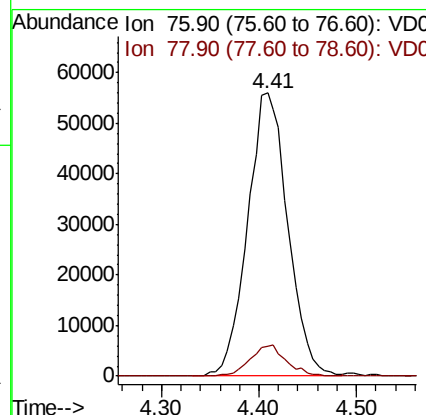
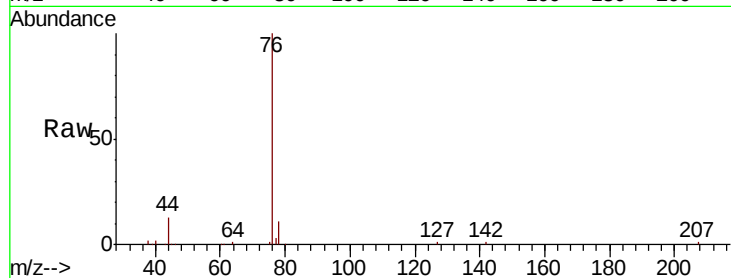
#17
Carbon Disulfide
Concen: 20.229 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.2	10.8

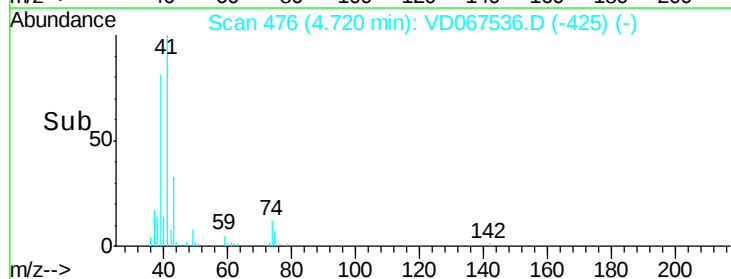
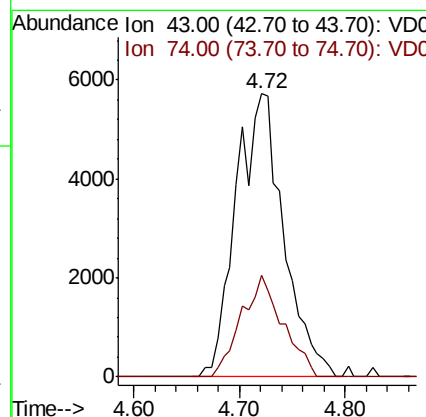
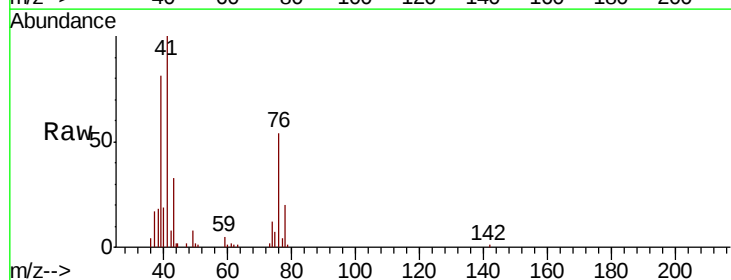
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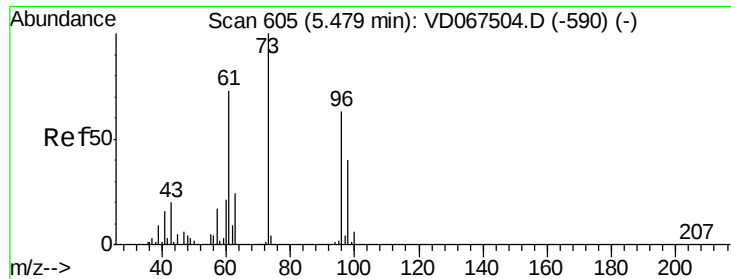
MMDadoda
11/6/2020 9:24:33 AM



#18
Methyl Acetate
Concen: 21.153 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.2	27.2	40.8





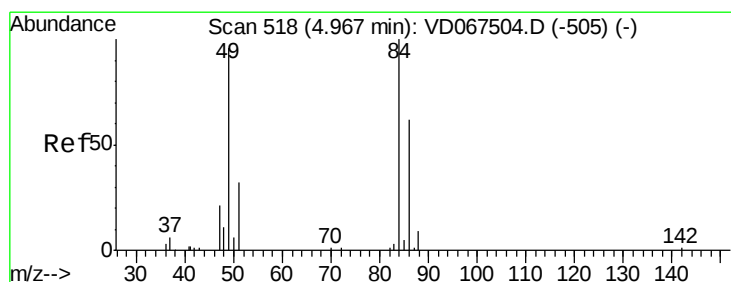
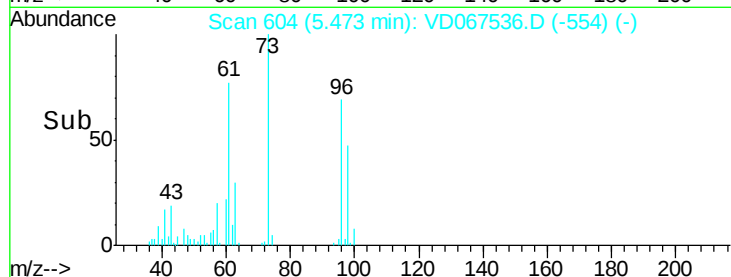
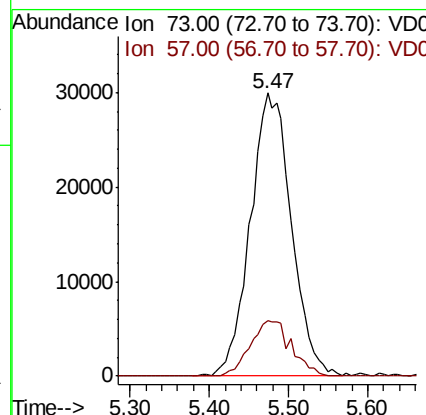
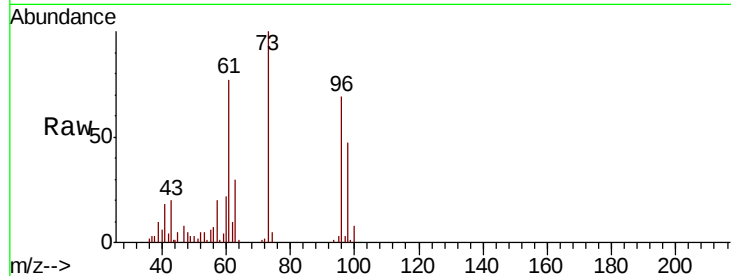
#19
Methyl tert-butyl Ether
Concen: 20.947 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 73 Resp: 107792
Ion Ratio Lower Upper
73 100
57 19.8 13.4 20.0

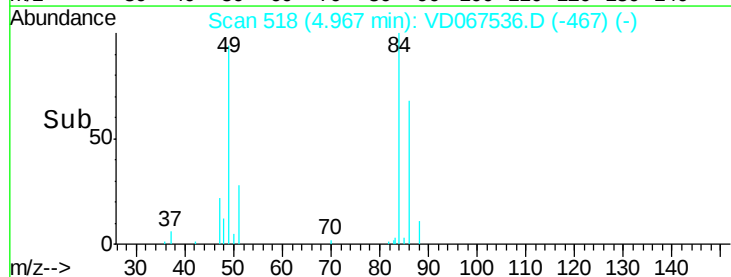
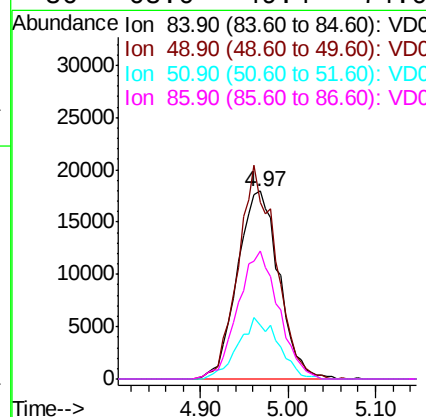
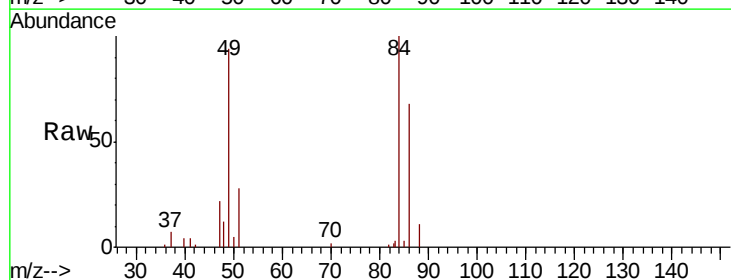
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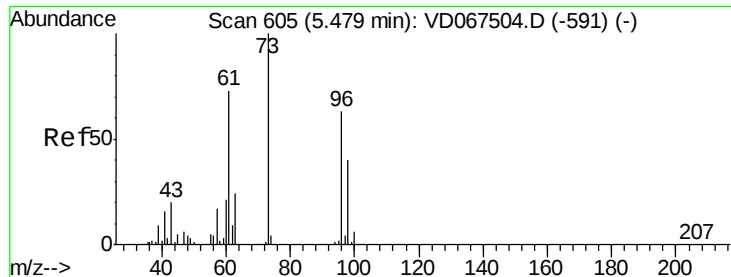
MMDadoda
11/6/2020 9:24:33 AM



#20
Methylene Chloride
Concen: 20.121 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion: 84 Resp: 58130
Ion Ratio Lower Upper
84 100
49 94.3 77.0 115.4
51 28.4 25.4 38.2
86 68.0 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.158 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

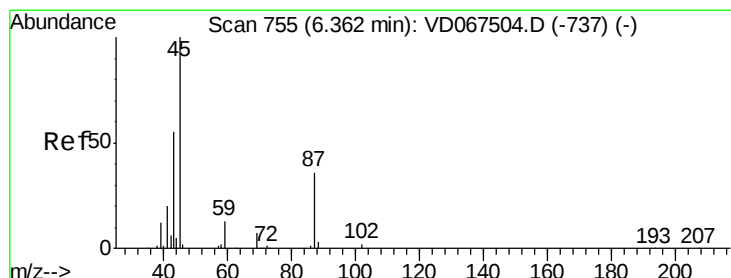
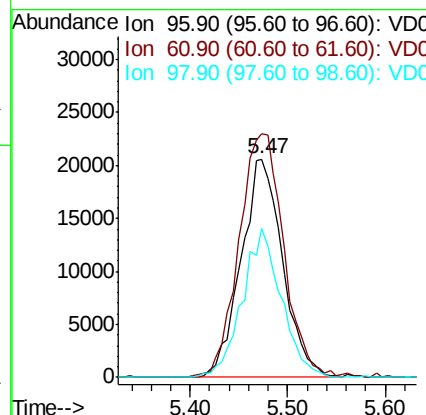
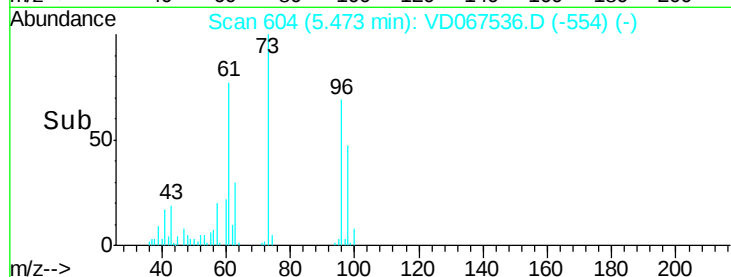
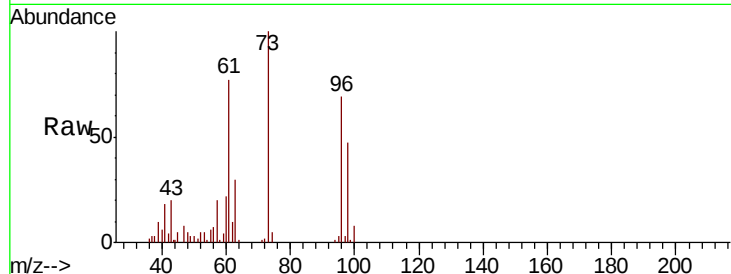
ClientSampleId :

VD1105SBS01

Tot Ion:	96	Resp:	61253
Ion	Ratio	Lower	Upper
96	100		
61	110.7	93.0	139.6
98	68.0	50.9	76.3

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11/6/2020 9:24:33 AM



#22

Diisopropyl ether

Concen: 20.999 ug/l

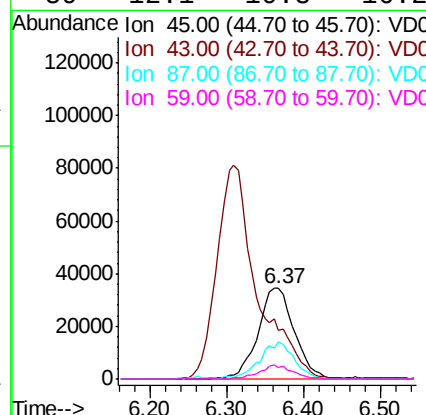
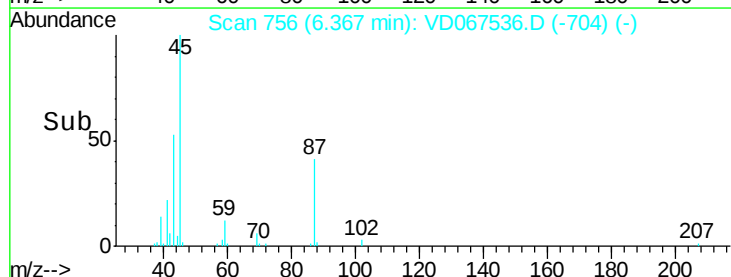
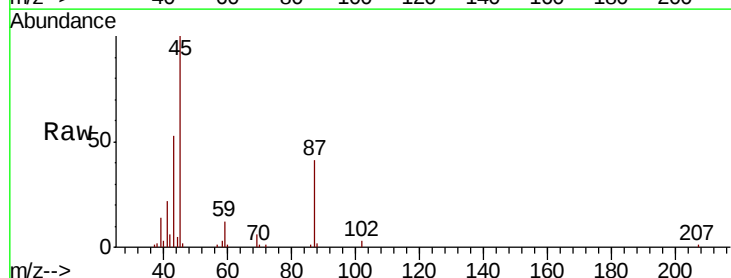
RT: 6.37 min Scan# 756

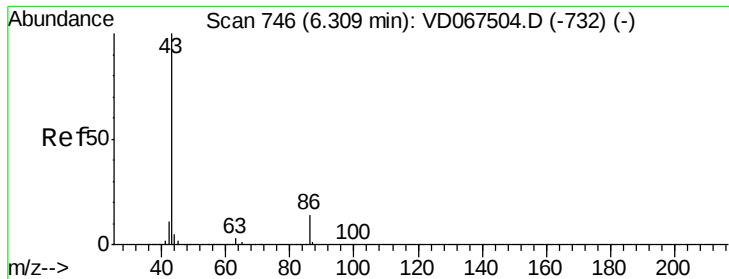
Delta R.T. 0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Tgt Ion:	45	Resp:	114258
Ion	Ratio	Lower	Upper
45	100		
43	51.8	46.2	69.4
87	41.0	29.4	44.2
59	12.1	10.8	16.2





#23

Vinyl Acetate

Concen: 103.231 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 43 Resp: 294010

Ion Ratio Lower Upper

43 100

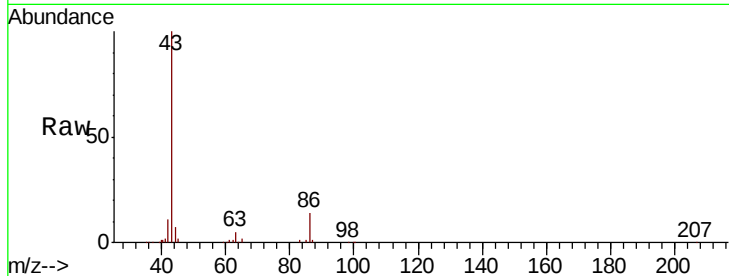
86 14.4 11.6 17.4

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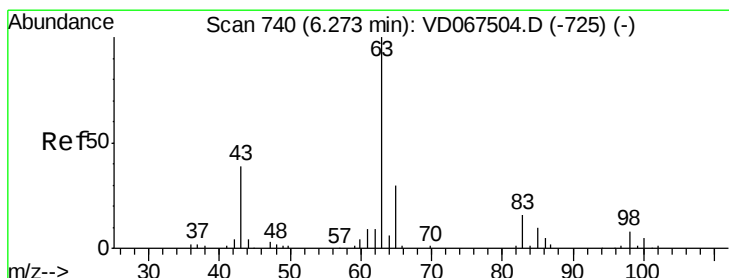
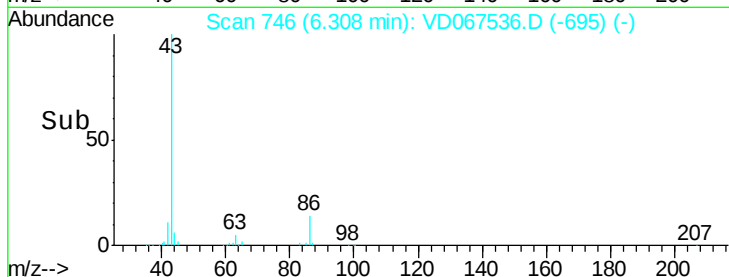
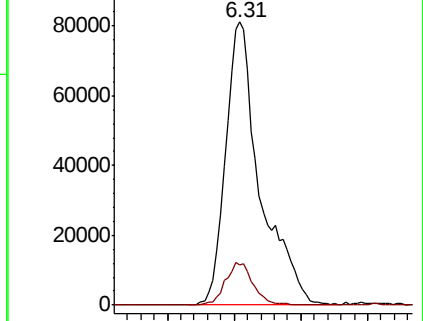
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.540 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

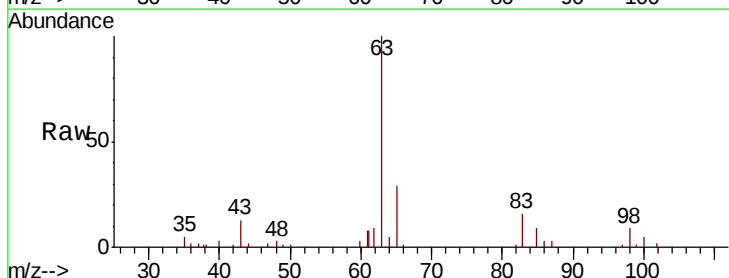
Tgt Ion: 63 Resp: 91428

Ion Ratio Lower Upper

63 100

98 9.3 3.9 11.5

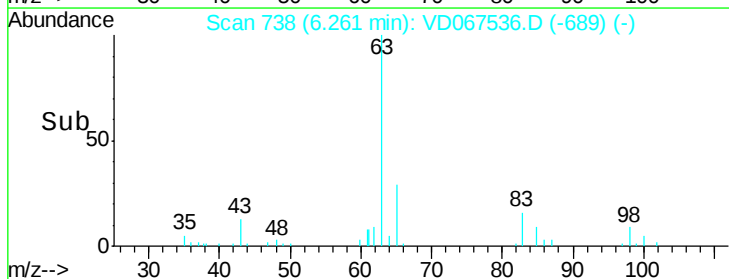
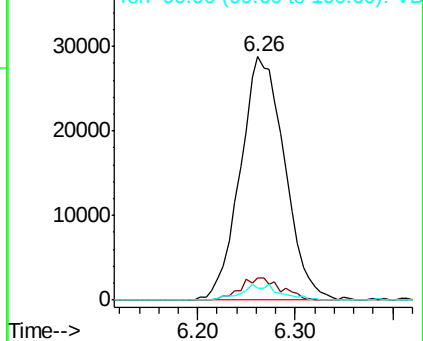
100 4.9 2.6 7.8

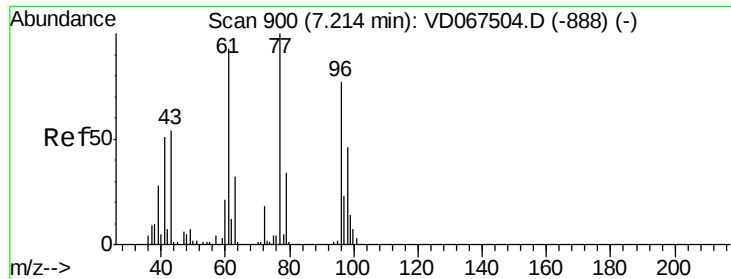


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 100.802 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBSD01

Tot Ion: 43 Resp: 44051

Ion Ratio Lower Upper

43 100

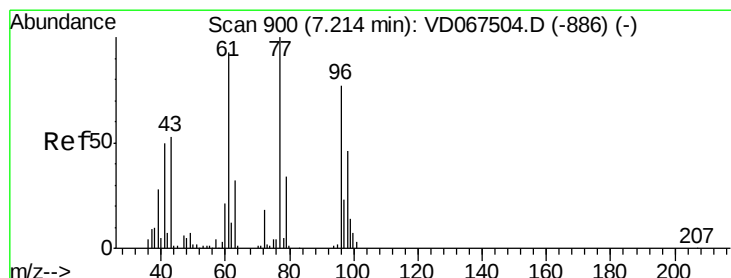
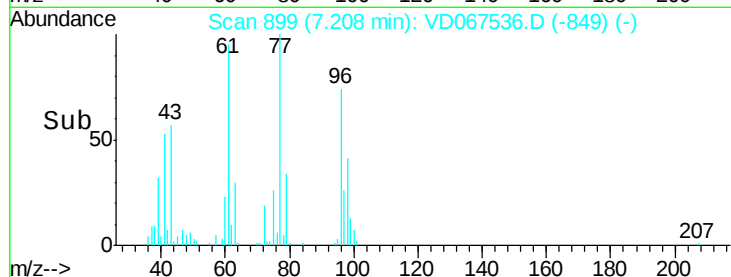
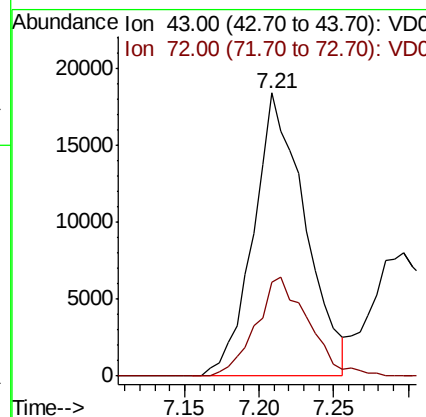
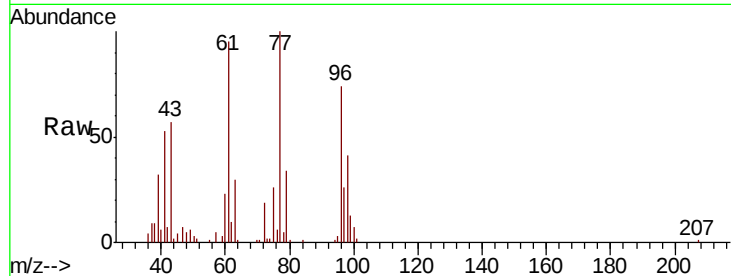
72 33.2 26.4 39.6

Manual Integrations

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11/6/2020 9:24:33 AM



#26

2,2-Dichloropropane

Concen: 20.647 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067536.D

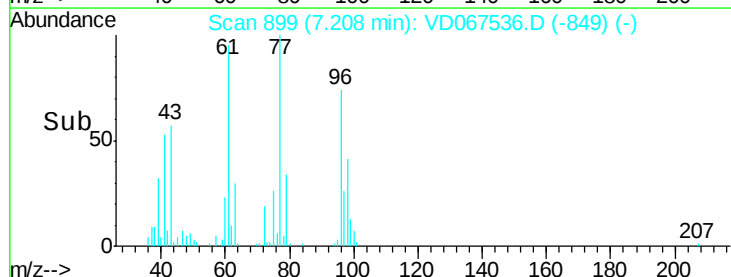
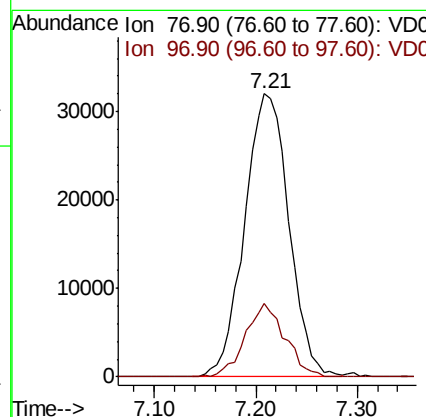
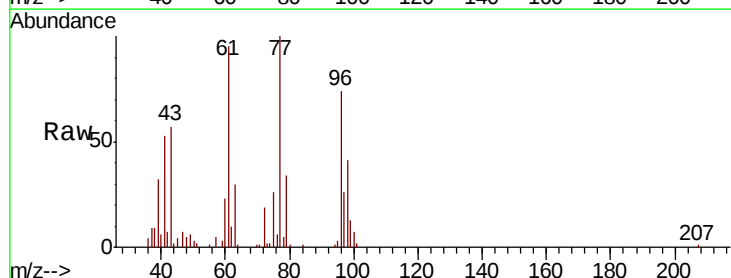
Acq: 05 Nov 2020 11:25

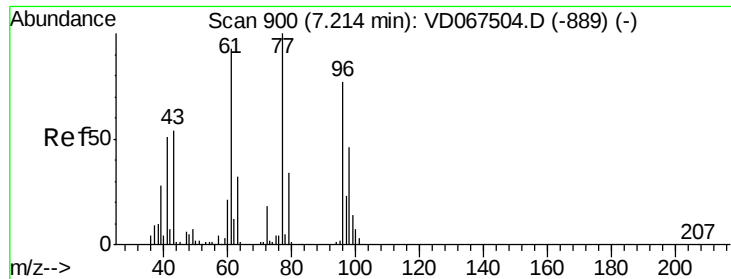
Tgt Ion: 77 Resp: 96996

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.3





#27

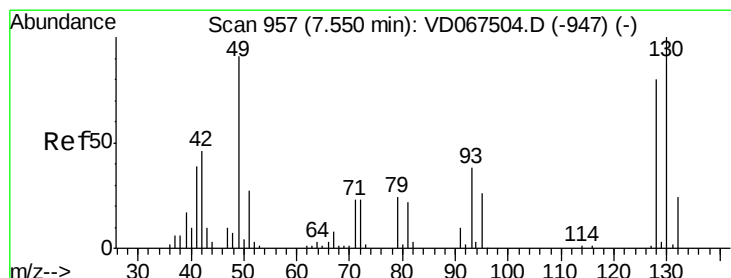
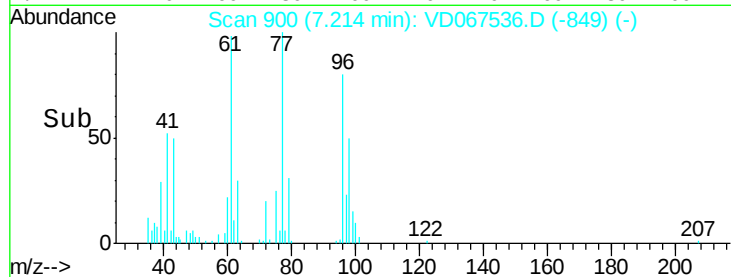
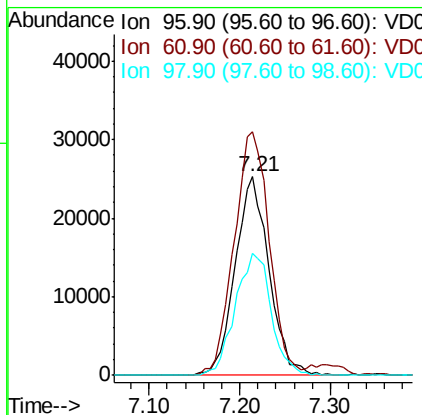
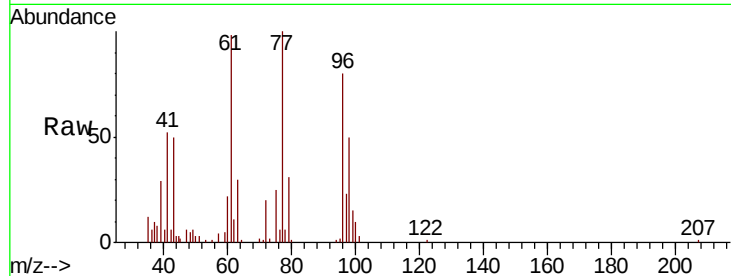
cis-1,2-Dichloroethene
Concen: 20.760 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	251.6
98	64.8	0.0	128.0

Manual Integrations
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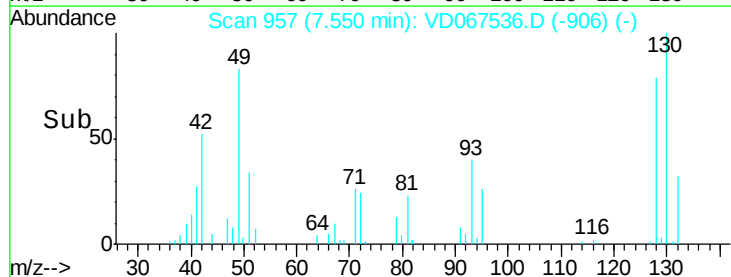
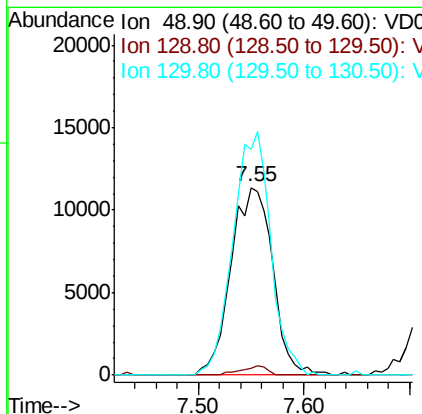
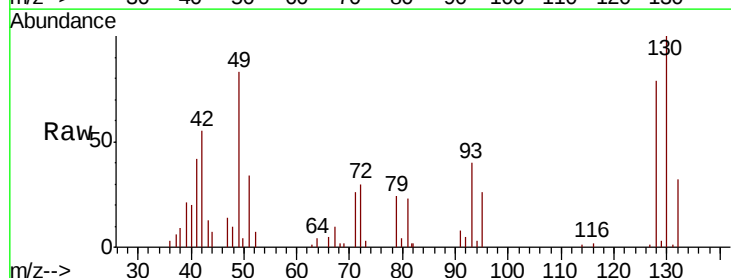
MMDadoda
11/6/2020 9:24:33 AM

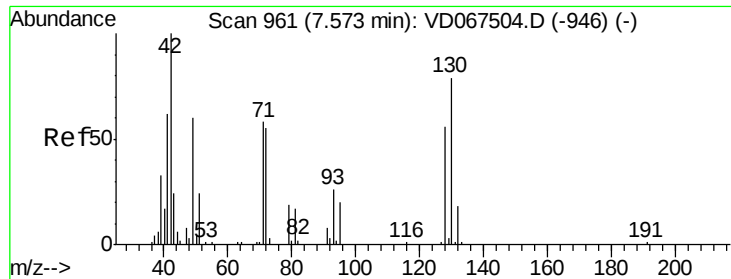


#28

Bromochloromethane
Concen: 19.737 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.4
130	116.6	94.6	142.0





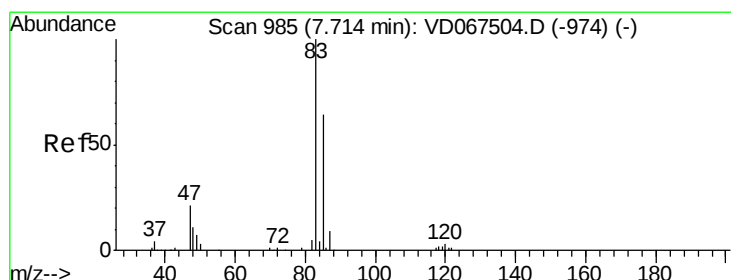
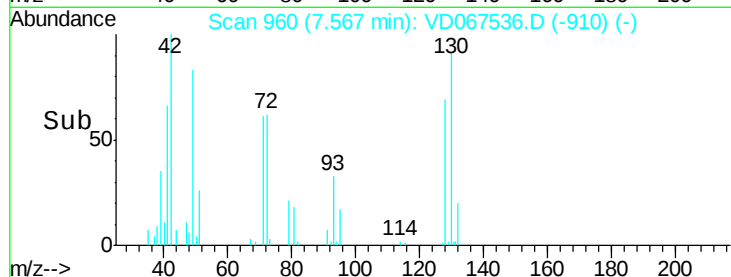
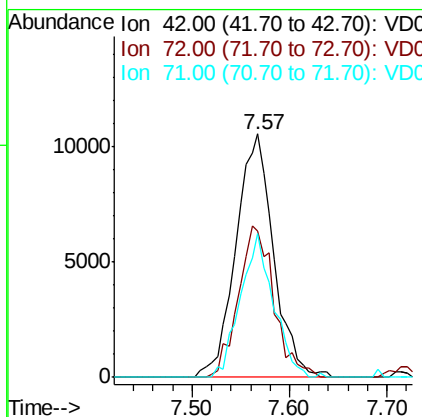
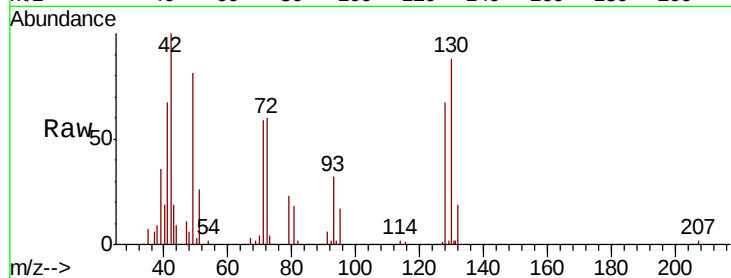
#29
Tetrahydrofuran
Concen: 108.733 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion:	42	Resp:	28463
Ion	Ratio	Lower	Upper
42	100		
72	58.7	46.3	69.5
71	51.8	44.0	66.0

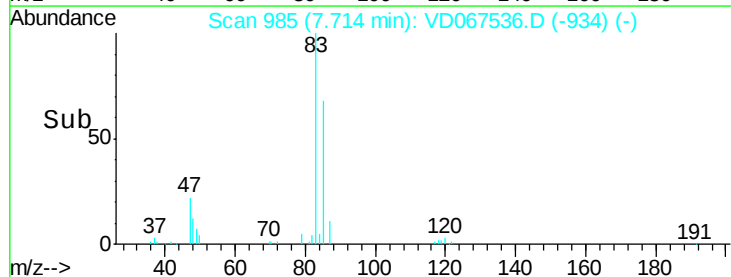
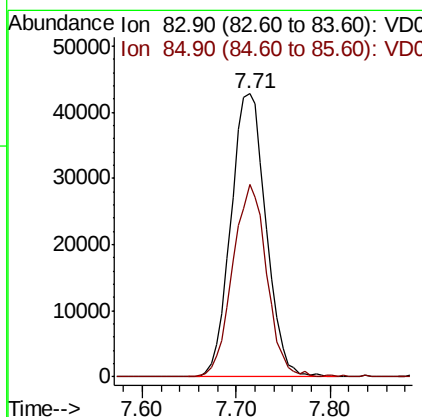
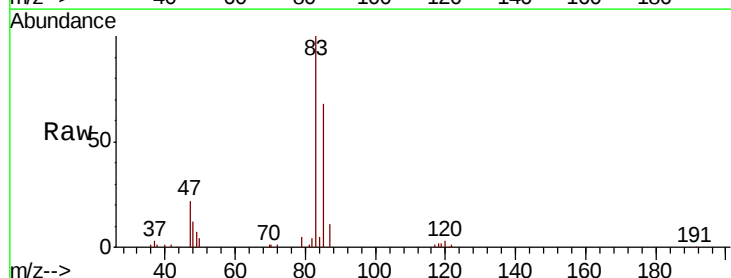
Manual Integrations
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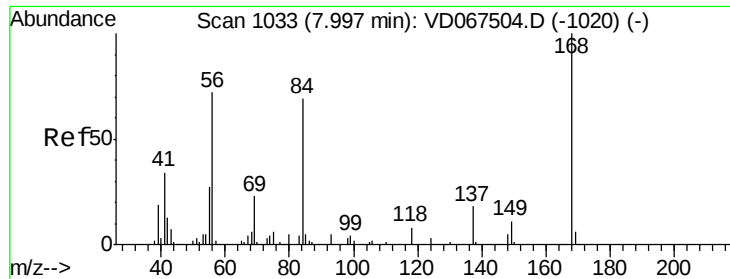
MMDadoda
11/6/2020 9:24:33 AM



#30
Chloroform
Concen: 20.858 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion:	83	Resp:	110762
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.5	77.3





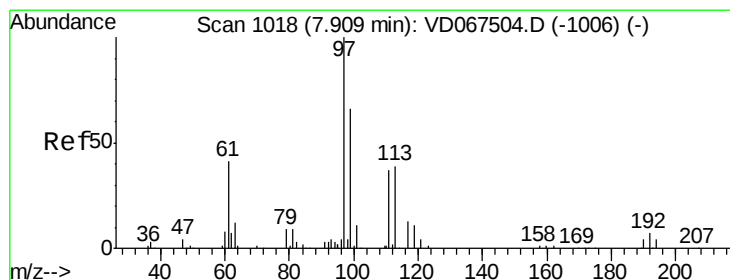
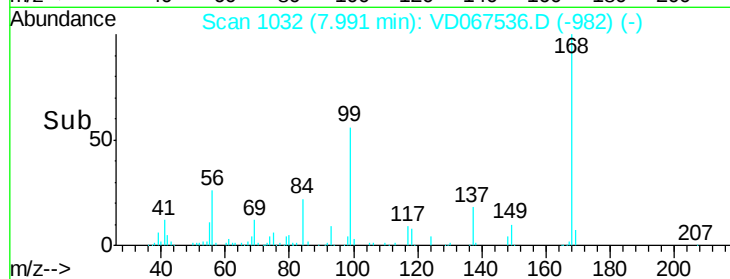
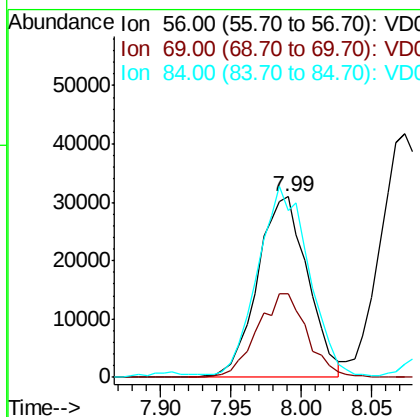
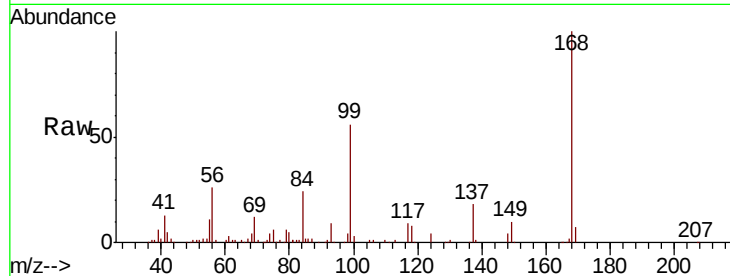
#31
Cyclohexane
Concen: 19.491 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	46.1	25.9	38.9
84	90.5	76.2	114.4

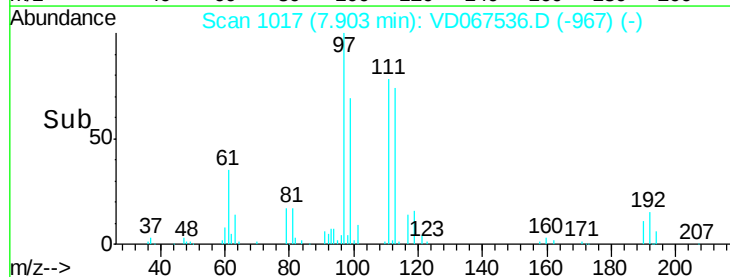
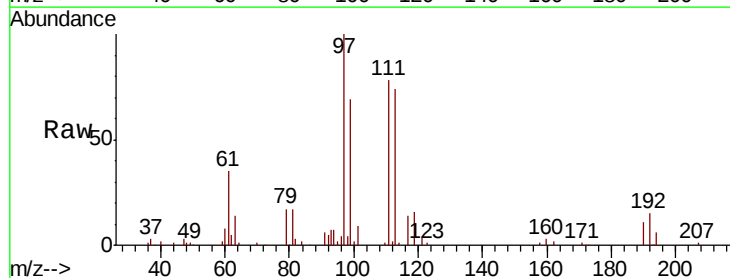
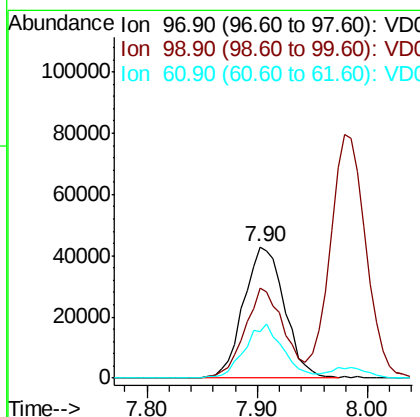
Manual Integrations
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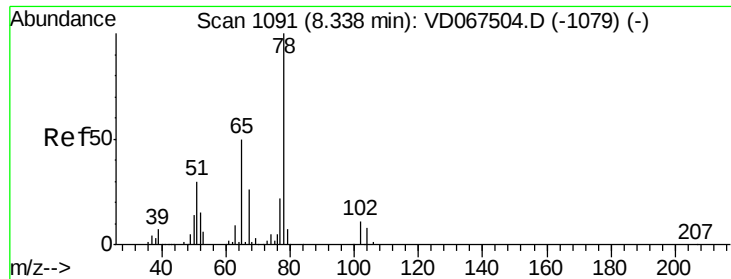
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
61	65.4	51.8	77.6
61	39.0	30.5	45.7





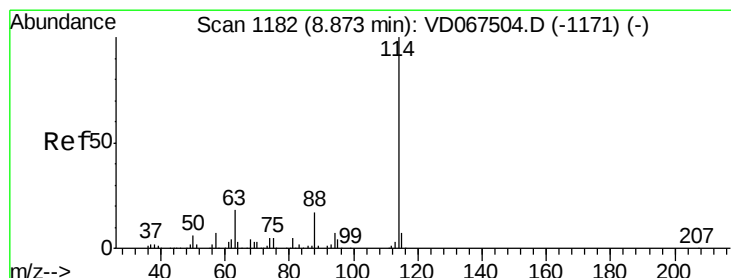
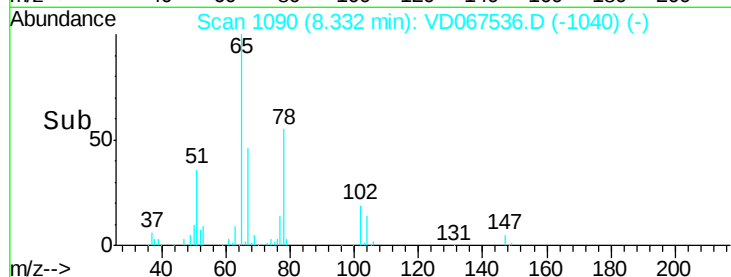
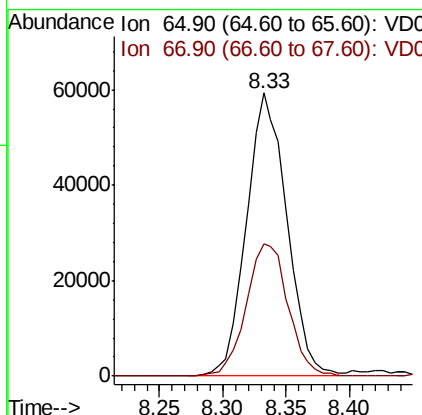
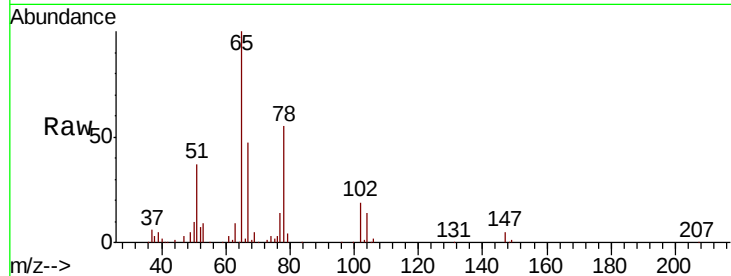
#33
 1,2-Dichloroethane-d4
 Concen: 48.070 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	99.4

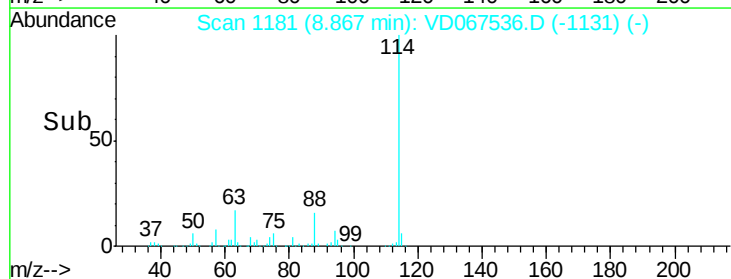
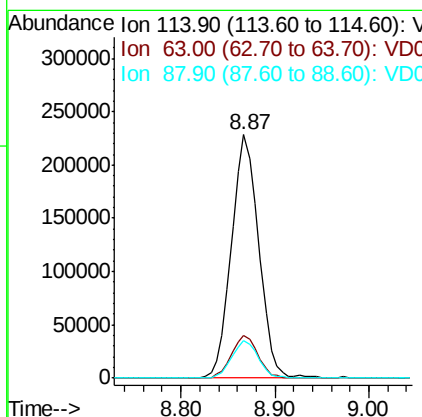
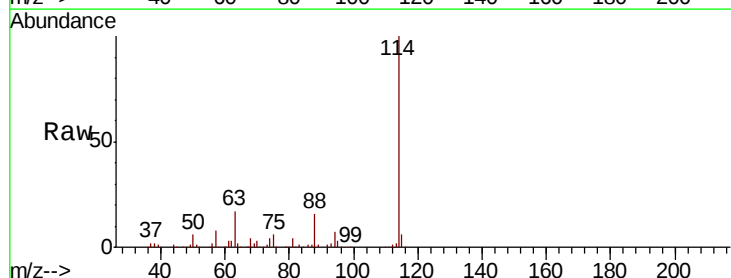
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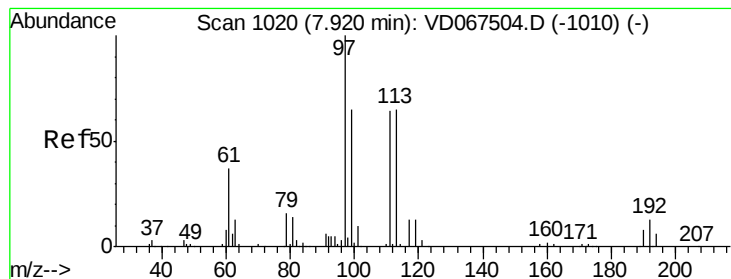
MMDadoda
 11/6/2020 9:24:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.0
88	15.6	0.0	33.0





#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

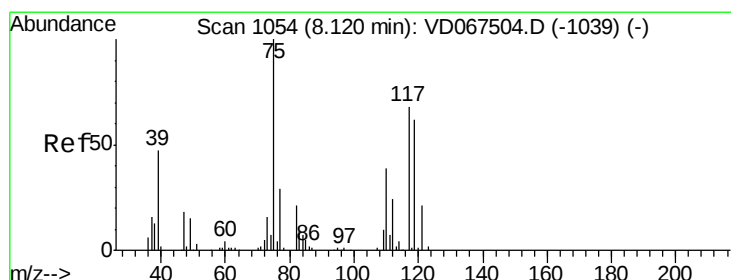
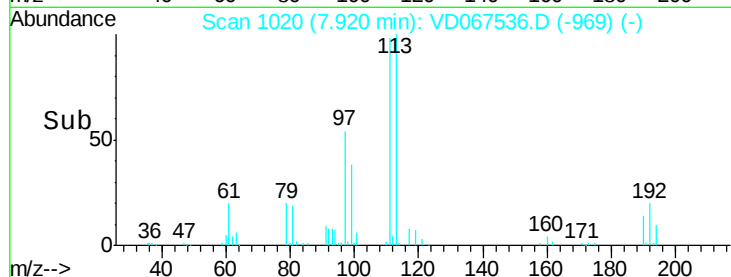
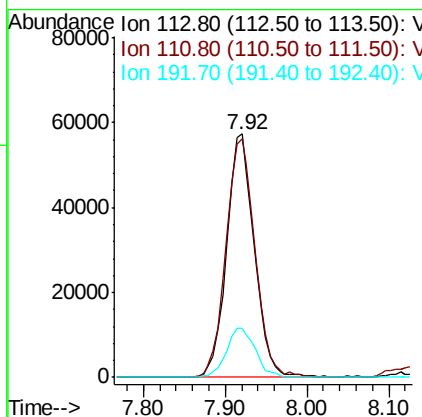
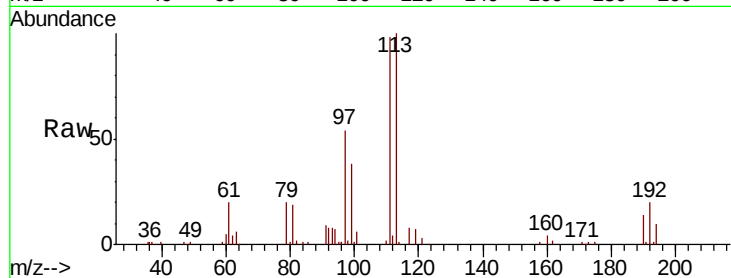
ClientSampleId :

VD1105SBS01

Tot Ion:	113	Resp:	135207
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.0	120.0
192	21.0	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.313 ug/l

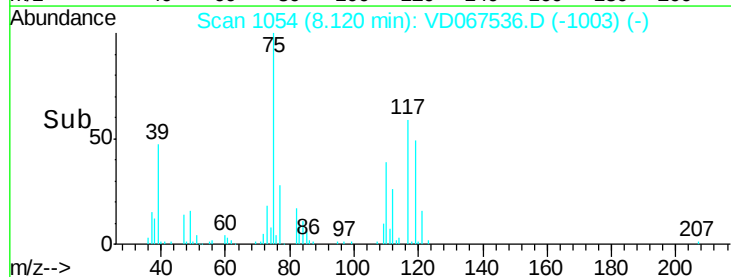
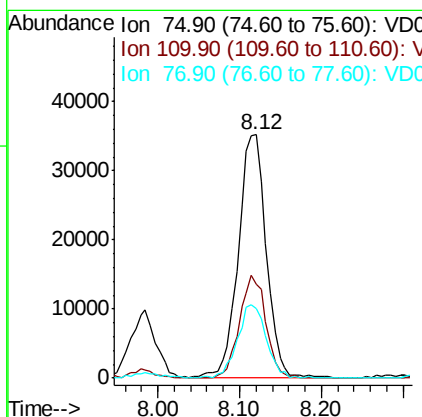
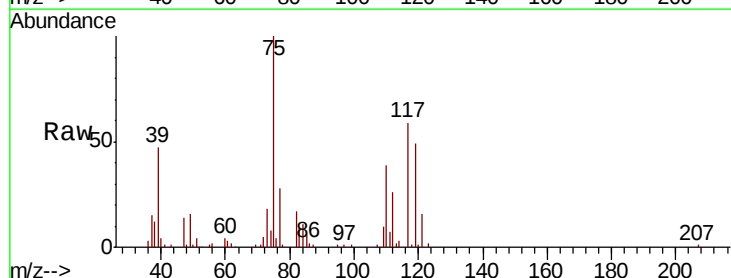
RT: 8.12 min Scan# 1054

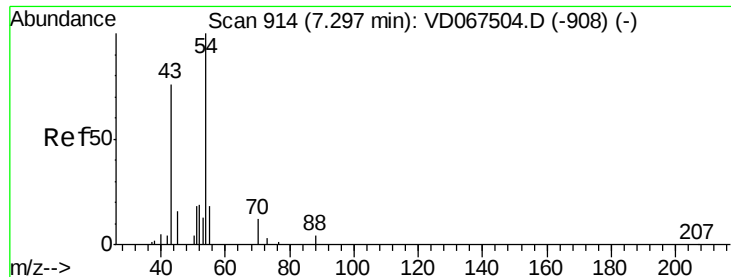
Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Tgt Ion:	75	Resp:	84166
Ion Ratio	Lower	Upper	
75	100		
110	39.5	19.9	59.7
77	30.8	24.8	37.2





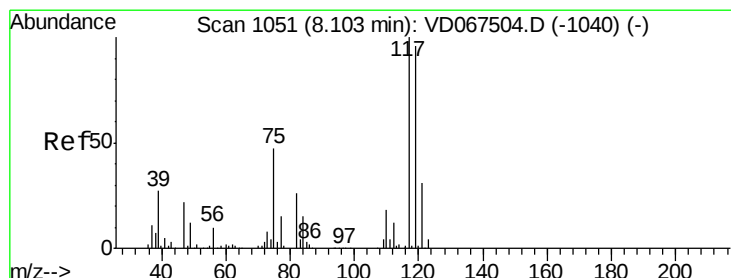
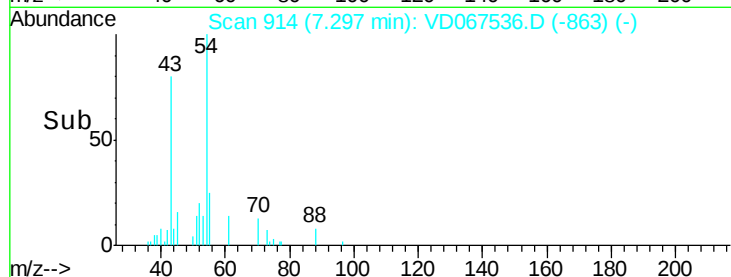
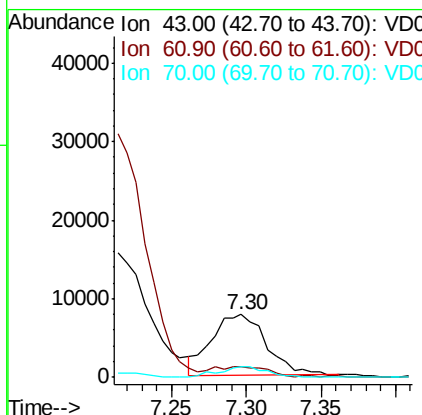
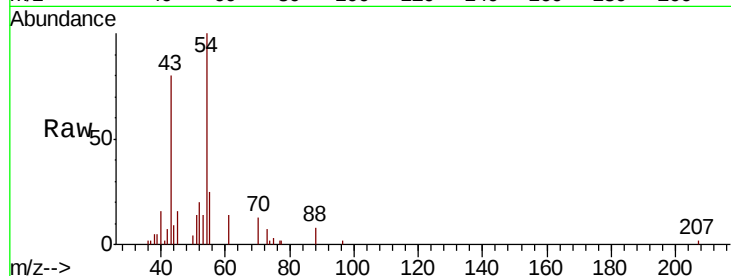
#37
Ethyl Acetate
Concen: 19.527 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	12.8	19.2
70	15.0	11.7	17.5

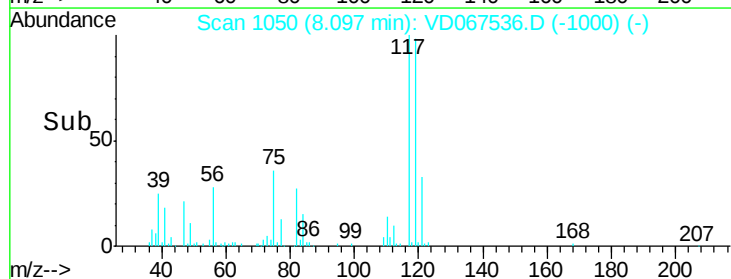
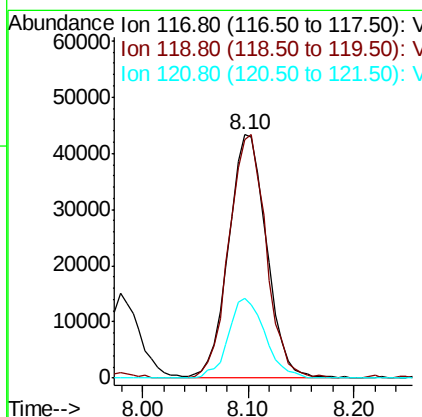
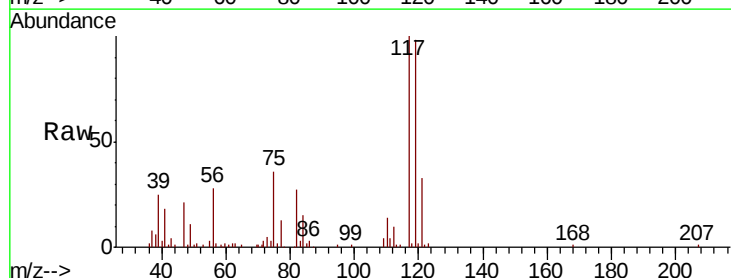
Manual Integrations
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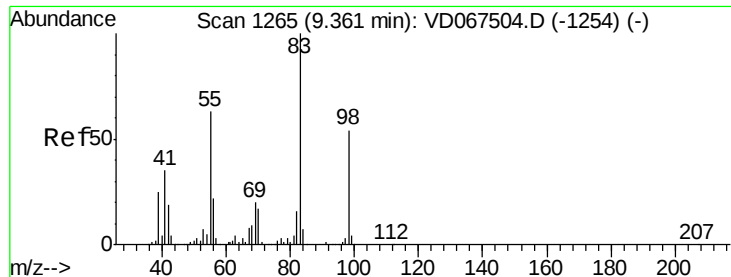
MMDadoda
11/6/2020 9:24:33 AM



#38
Carbon Tetrachloride
Concen: 21.028 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.9	115.3
121	32.6	24.5	36.7





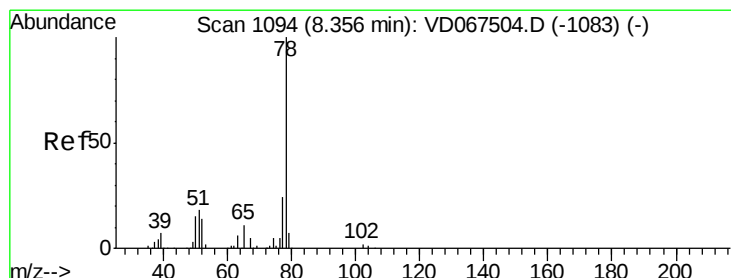
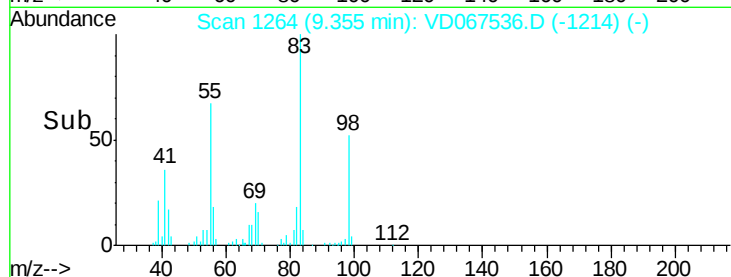
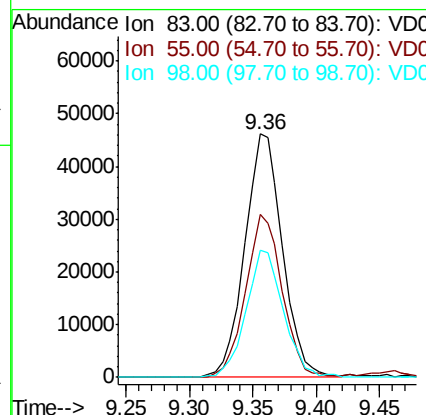
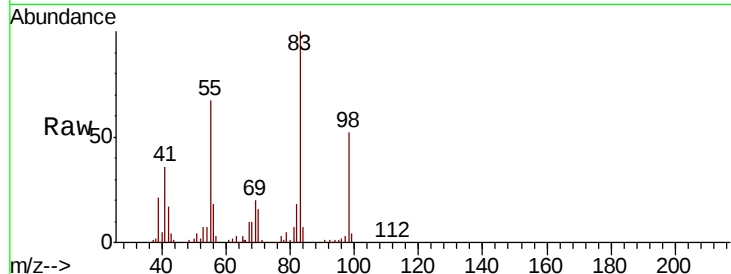
#39
Methvlcvclohexane
Concen: 20.499 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	50.5	75.7
98	52.4	43.4	65.0

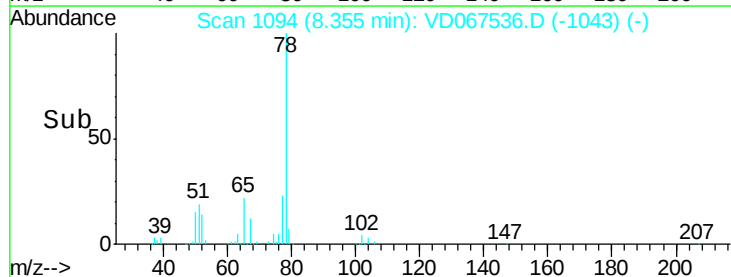
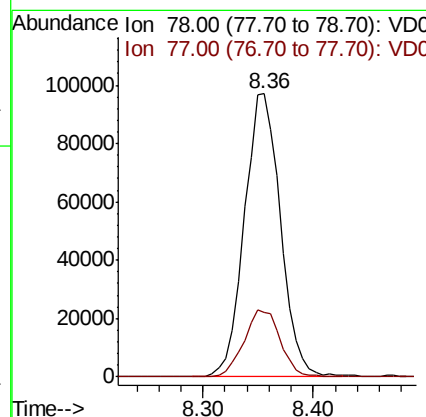
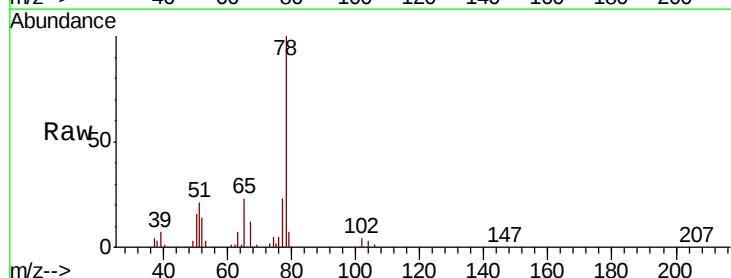
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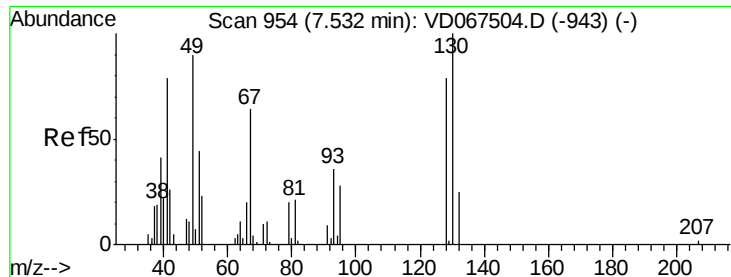
MMDadoda
11/6/2020 9:24:33 AM



#40
Benzene
Concen: 20.876 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7





#41

Methacrylonitrile

Concen: 20.348 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 41 Resp: 12470

Ion Ratio Lower Upper

41 100

39 63.9 51.3 76.9

67 93.3 78.9 118.3

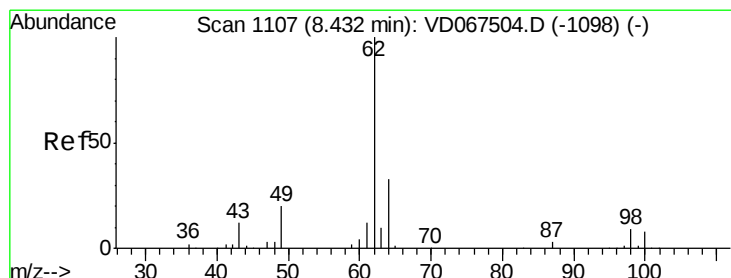
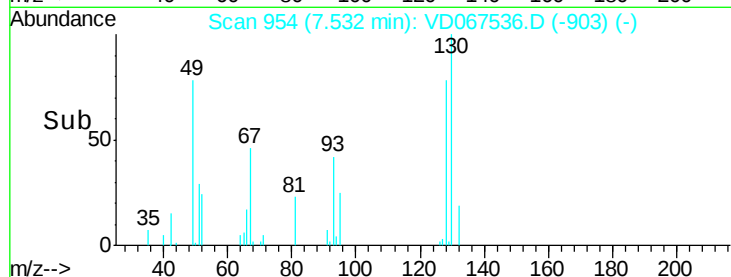
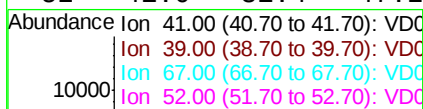
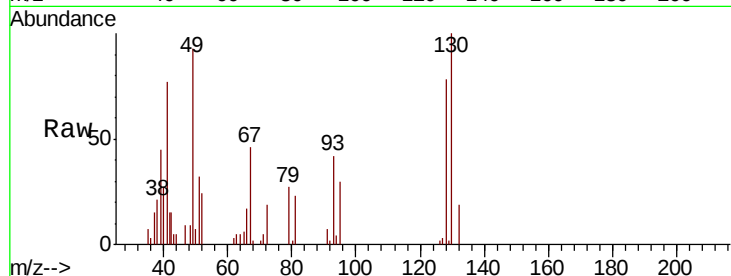
52 41.0 31.4 47.2

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#42

1,2-Dichloroethane

Concen: 21.755 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067536.D

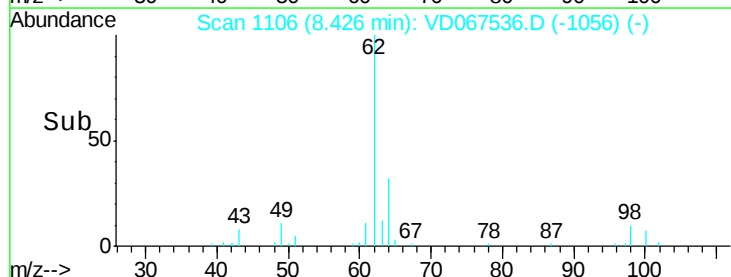
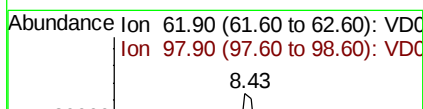
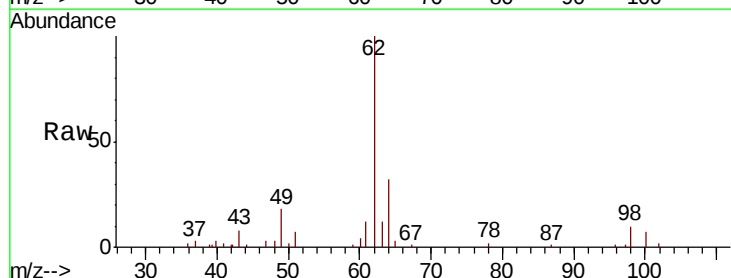
Acq: 05 Nov 2020 11:25

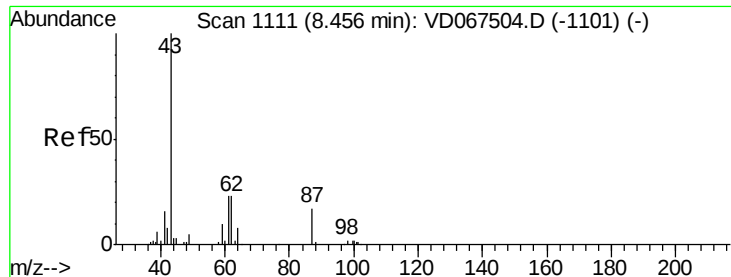
Tgt Ion: 62 Resp: 71901

Ion Ratio Lower Upper

62 100

98 11.0 0.0 19.8





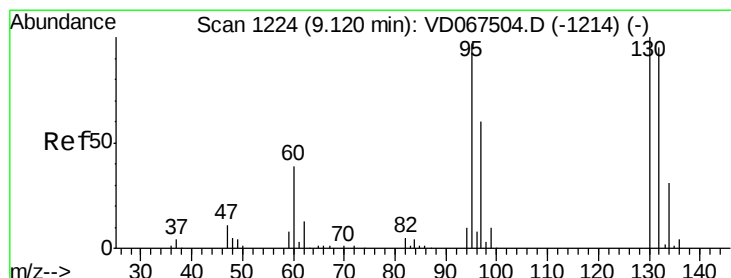
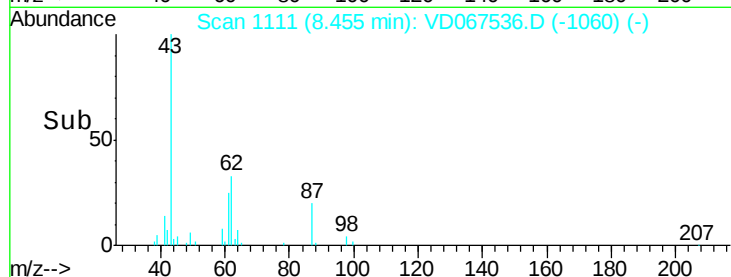
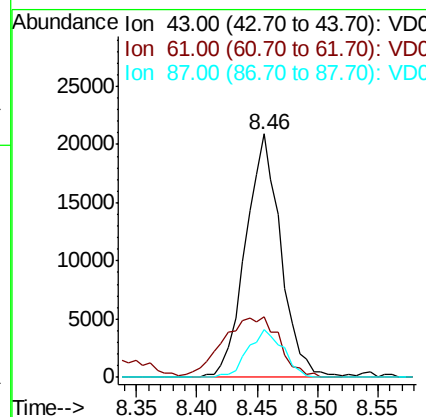
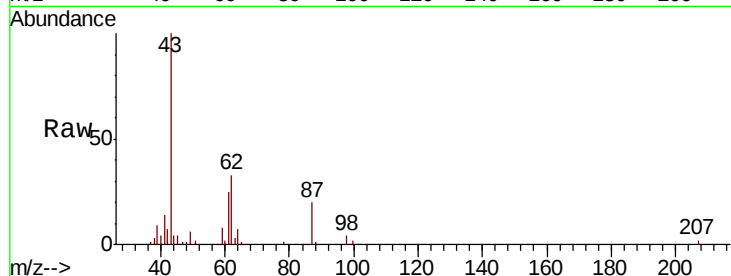
#43
Isopropyl Acetate
Concen: 20.899 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	39.8	30.5	45.7
87	19.6	14.7	22.1

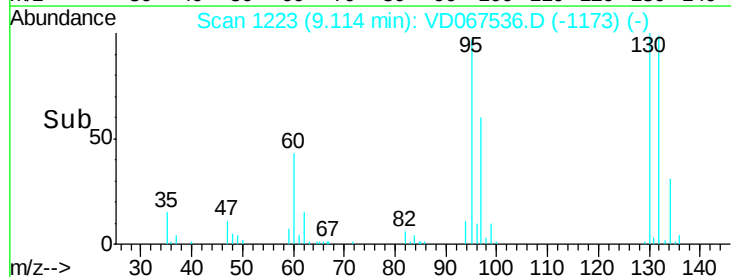
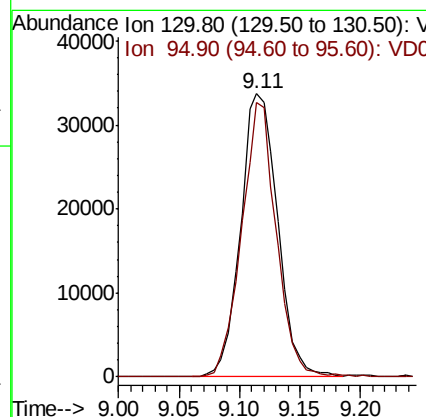
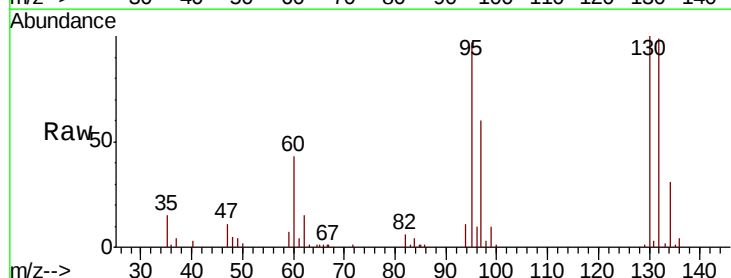
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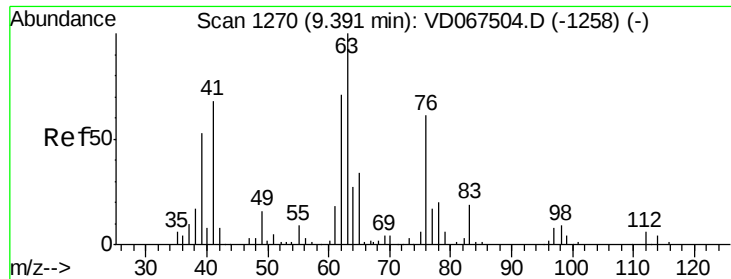
MMDadoda
11/6/2020 9:24:33 AM



#44
Trichloroethene
Concen: 20.459 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	194.4





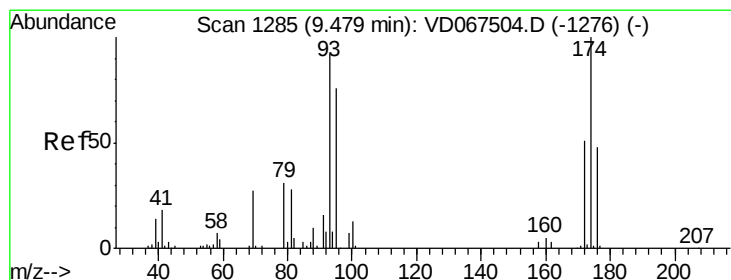
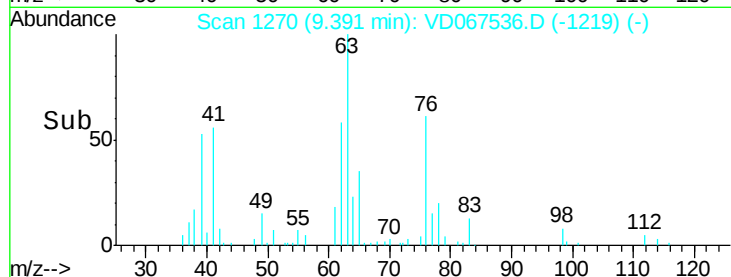
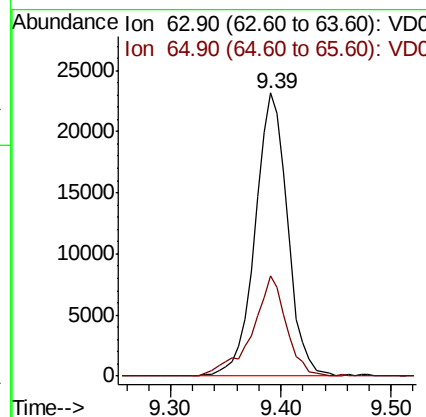
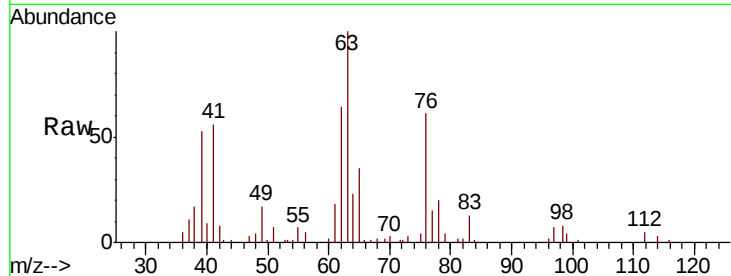
#45
 1,2-Dichloropropane
 Concen: 20.619 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion: 63 Resp: 47686
 Ion Ratio Lower Upper
 63 100
 65 35.3 26.9 40.3

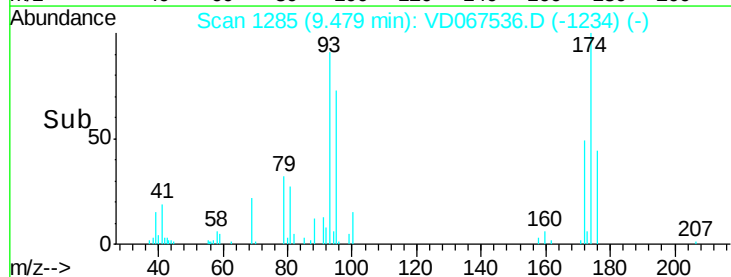
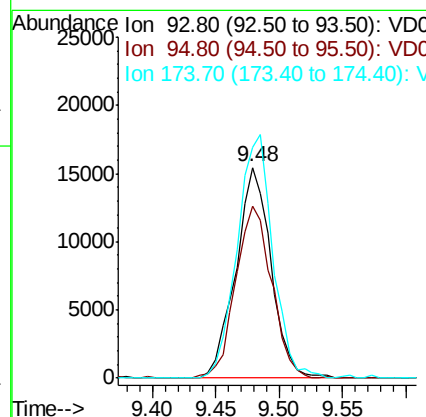
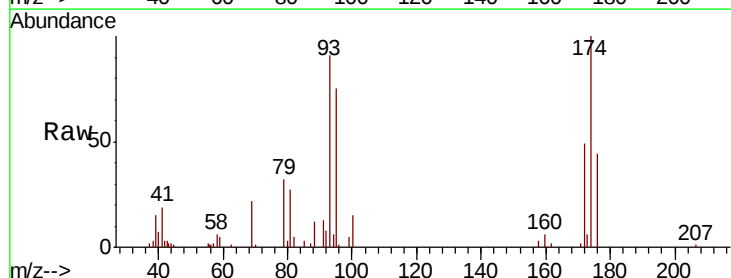
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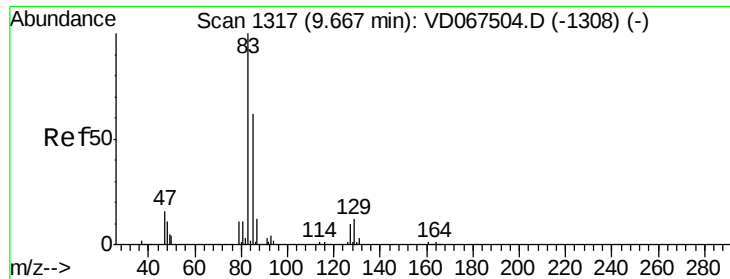
MMDadoda
 11/6/2020 9:24:33 AM



#46
 Dibromomethane
 Concen: 20.242 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion: 93 Resp: 29766
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 116.6 88.2 132.4





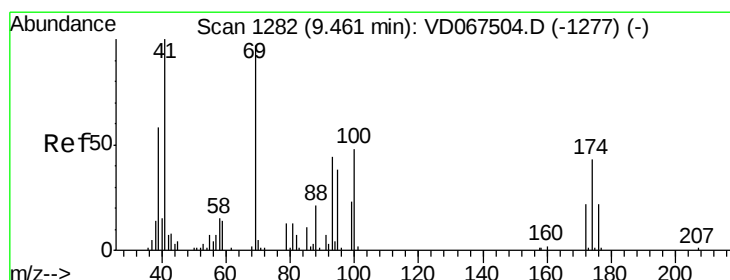
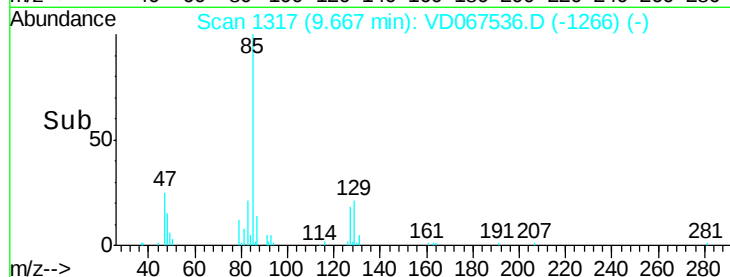
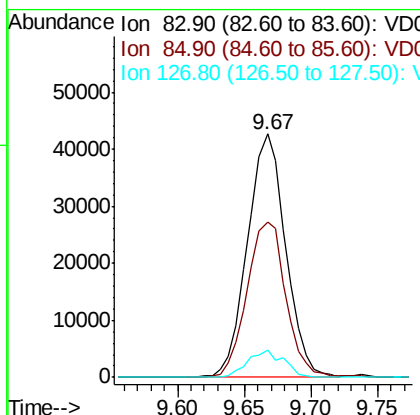
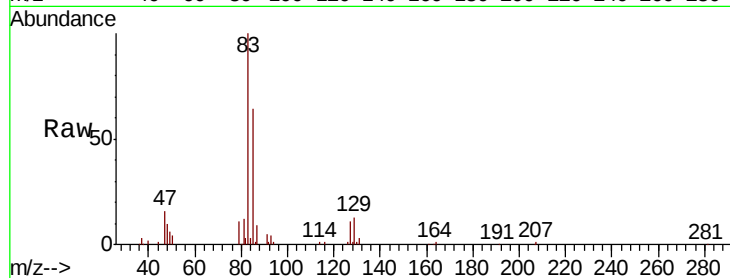
#47
Bromodichloromethane
Concen: 21.095 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.4	74.2
127	11.3	7.7	11.5

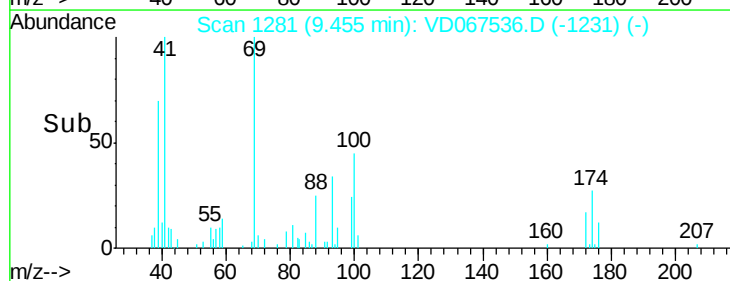
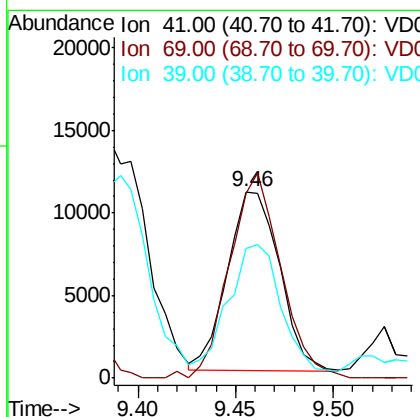
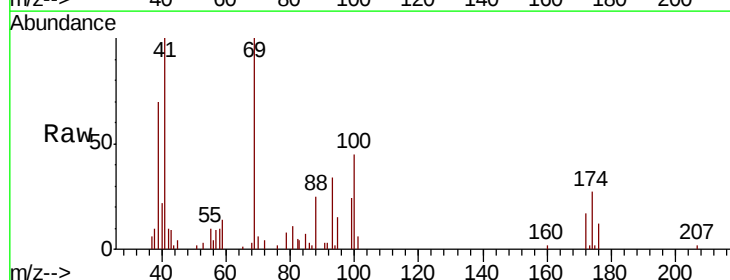
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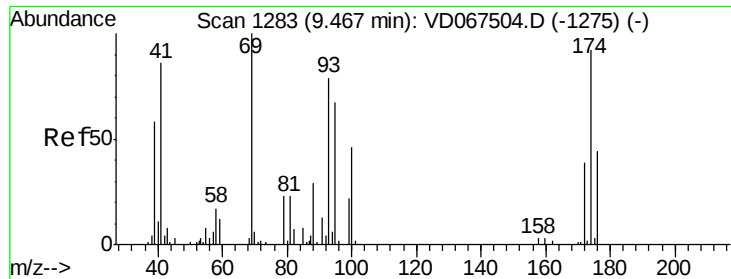
MMDadoda
11/6/2020 9:24:33 AM



#48
Methyl methacrylate
Concen: 19.242 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	112.8	80.6	121.0
39	79.4	50.2	75.4#





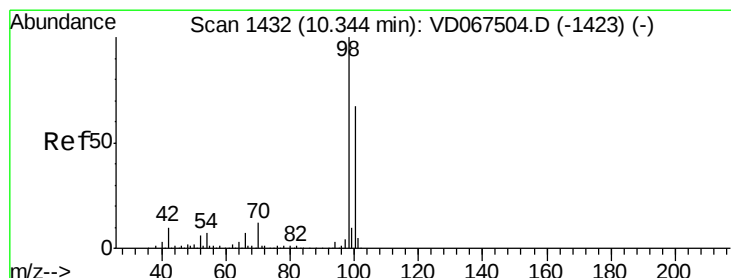
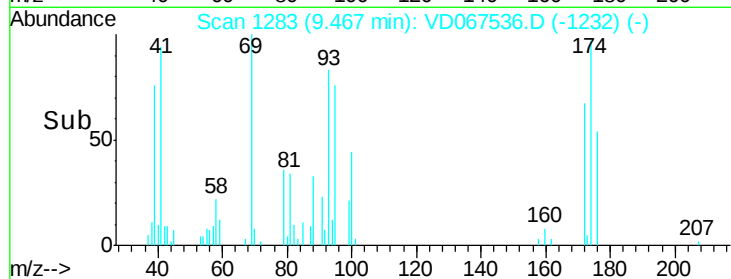
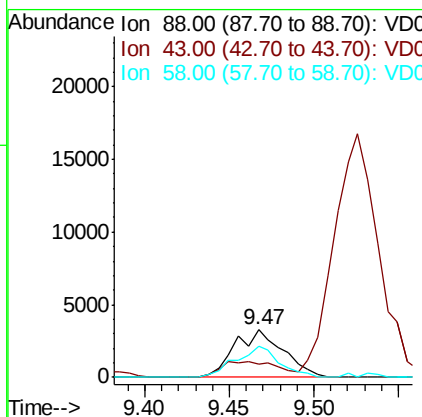
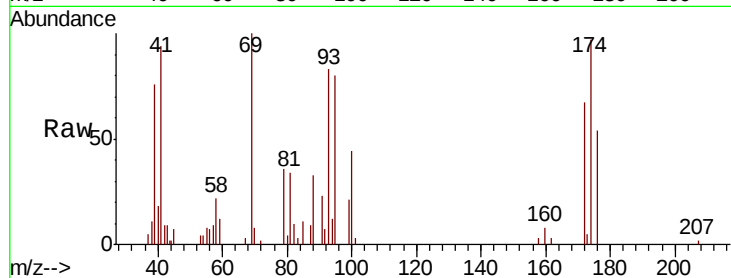
#49
1,4-Dioxane
Concen: 439.300 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.1	23.6	35.4#
58	58.5	44.7	67.1

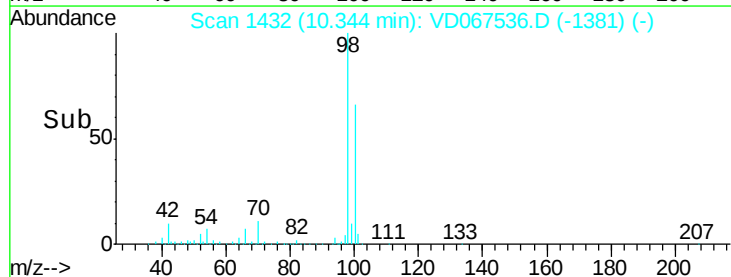
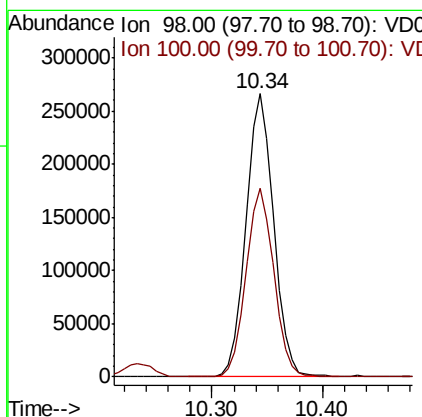
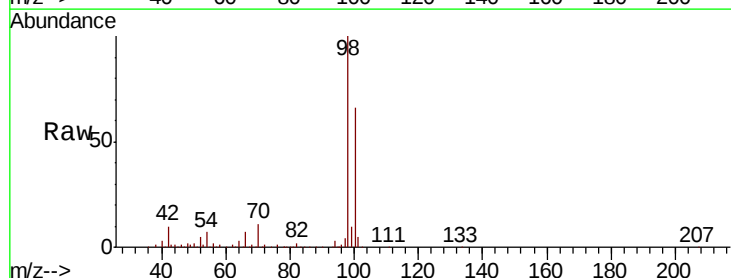
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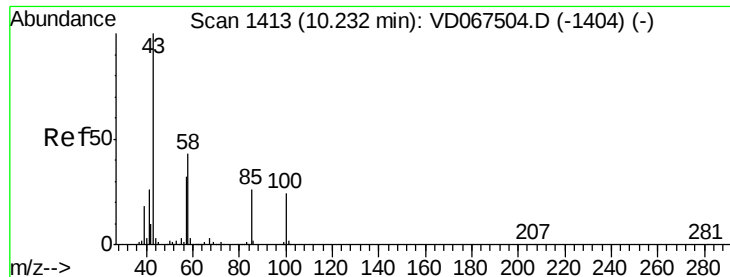
MMDadoda
11/6/2020 9:24:33 AM



#50
Toluene-d8
Concen: 48.117 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.6





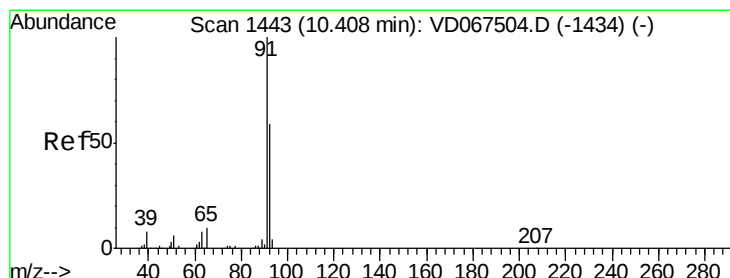
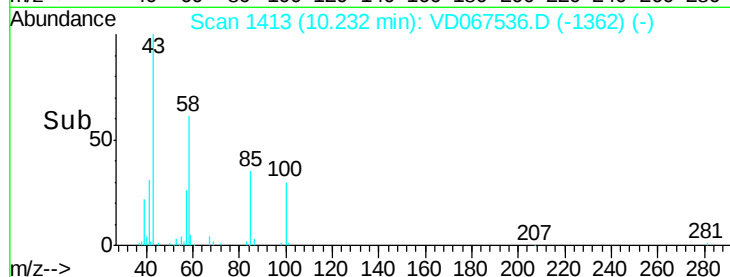
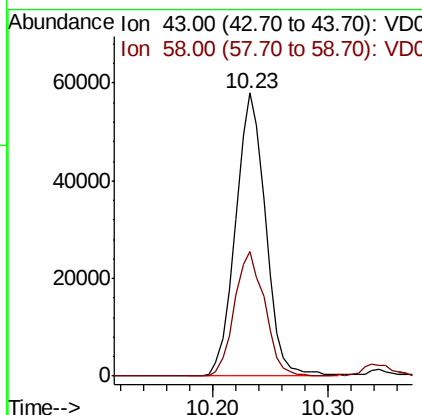
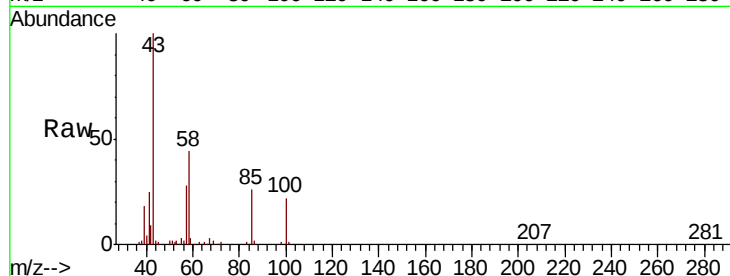
#51
4-Methyl-2-Pentanone
Concen: 107.693 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 43 Resp: 104431
Ion Ratio Lower Upper
43 100
58 44.5 35.6 53.4

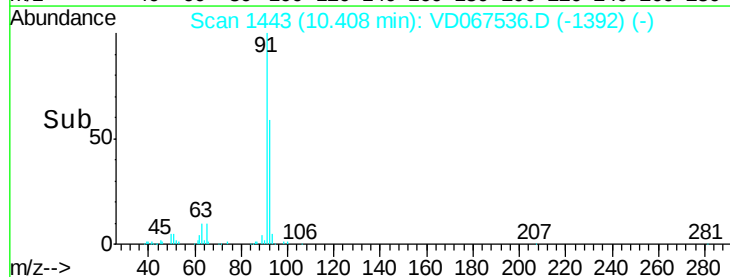
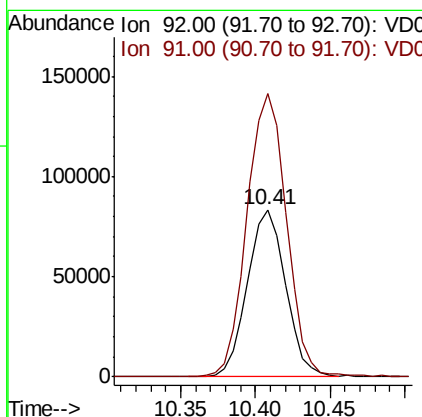
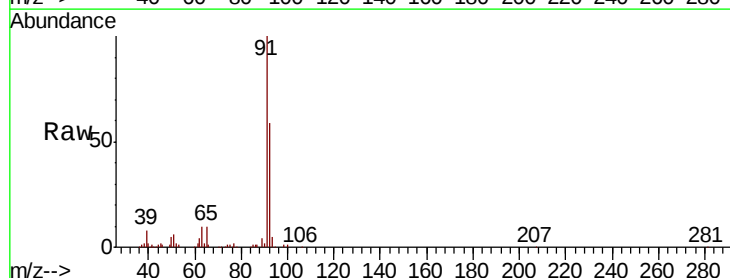
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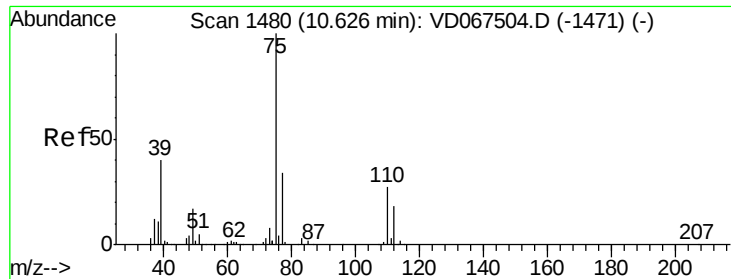
MMDadoda
11/6/2020 9:24:33 AM



#52
Toluene
Concen: 20.631 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion: 92 Resp: 147820
Ion Ratio Lower Upper
92 100
91 175.0 137.0 205.6





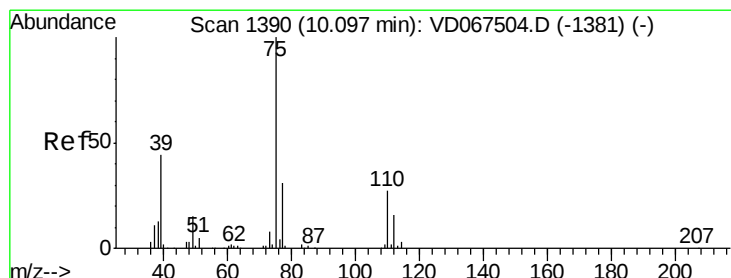
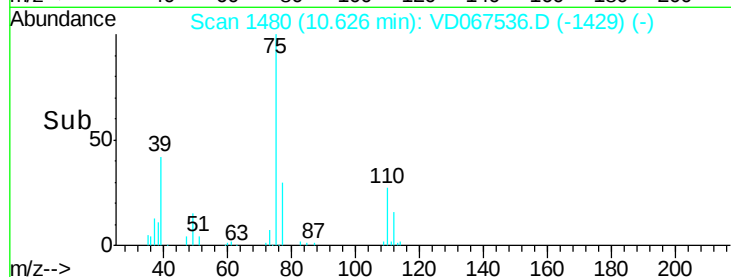
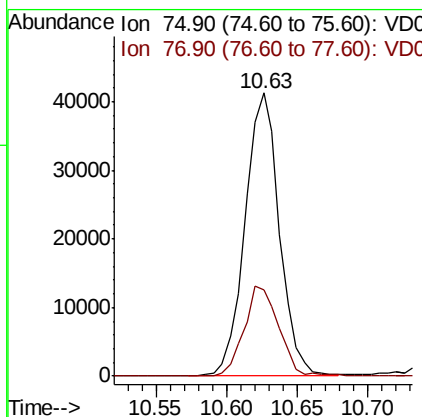
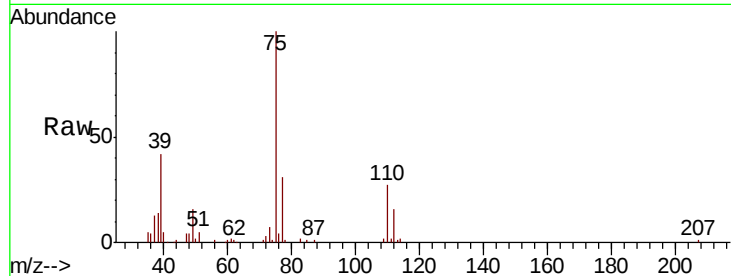
#53
 t-1,3-Dichloropropene
 Concen: 20.569 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion: 75 Resp: 70411
 Ion Ratio Lower Upper
 75 100
 77 30.6 27.0 40.6

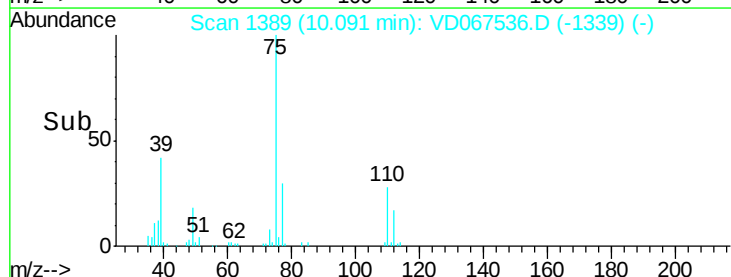
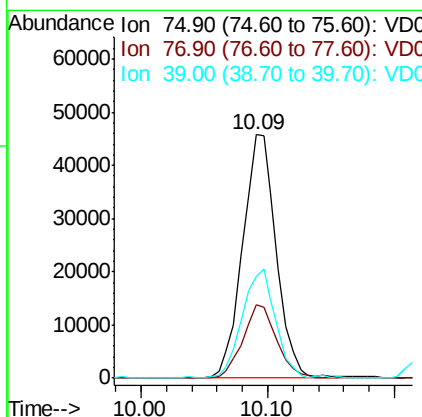
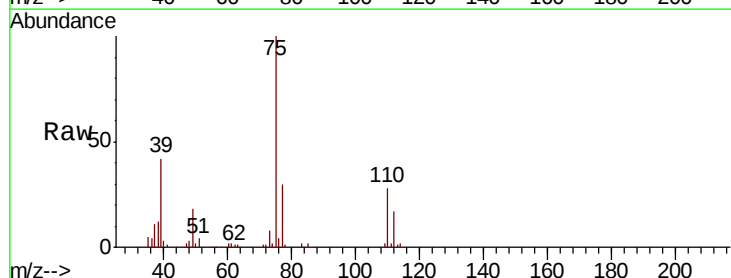
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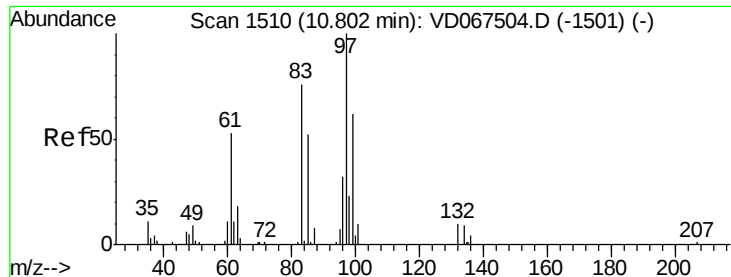
MMDadoda
 11/6/2020 9:24:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.734 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion: 75 Resp: 84328
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.4 36.6
 39 41.3 35.6 53.4





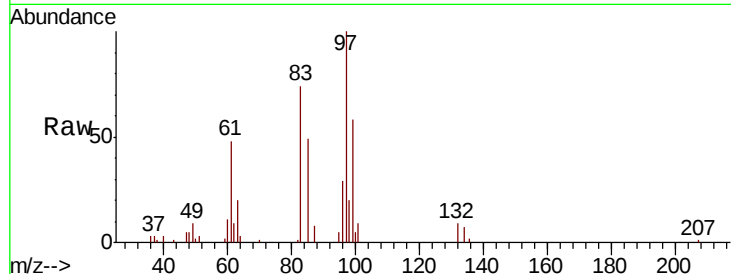
#55
 1,1,2-Trichloroethane
 Concen: 21.764 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBSD01

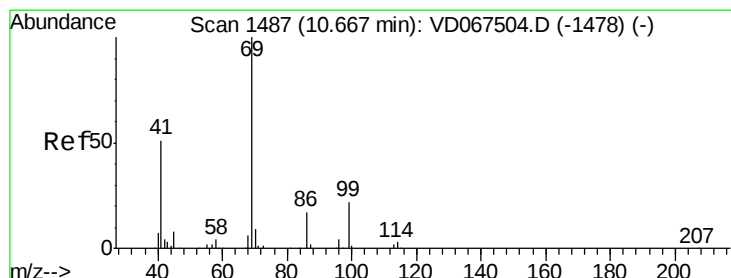
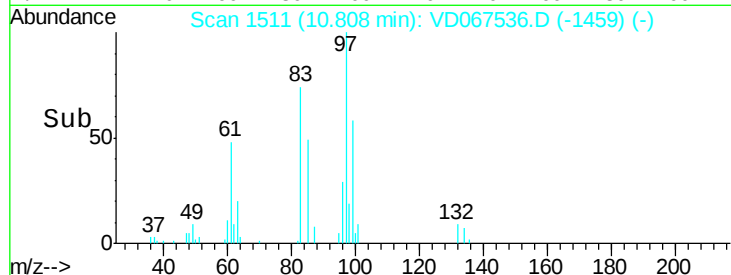
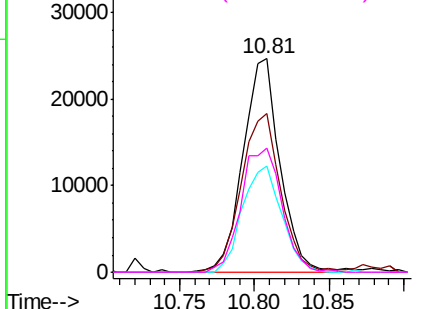
Tot Ion:	97	Resp:	42345
Ion	Ratio	Lower	Upper
97	100		
83	74.1	61.0	91.6
85	49.5	41.5	62.3
99	58.4	49.4	74.2

Manual Integrations
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 11/6/2020 9:24:33 AM

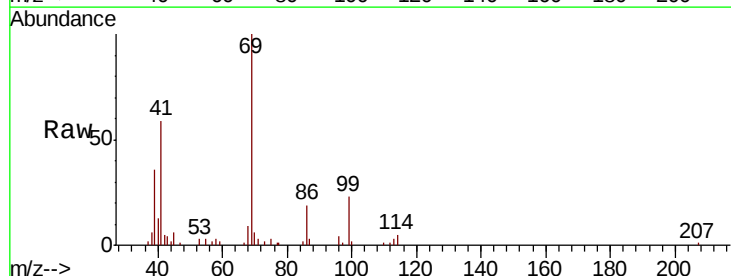


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

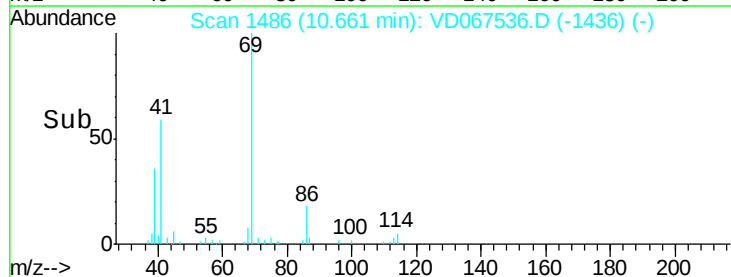
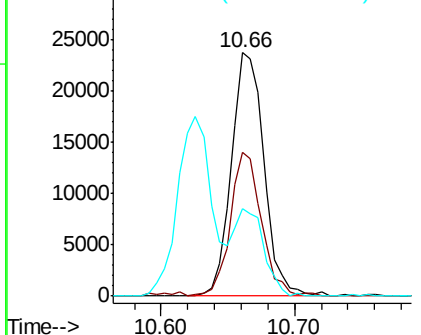


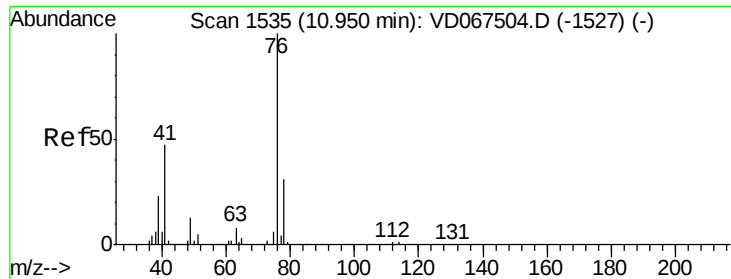
#56
 Ethyl methacrylate
 Concen: 20.052 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion:	69	Resp:	40289
Ion	Ratio	Lower	Upper
69	100		
41	56.7	45.4	68.0
39	32.5	27.4	41.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





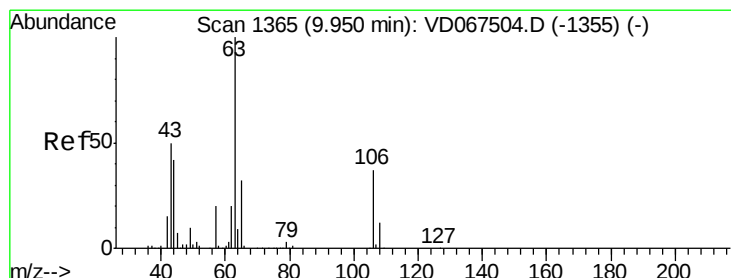
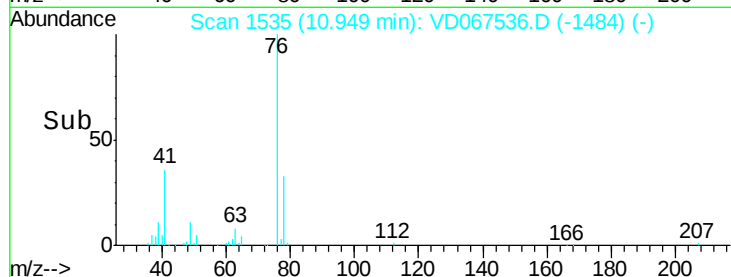
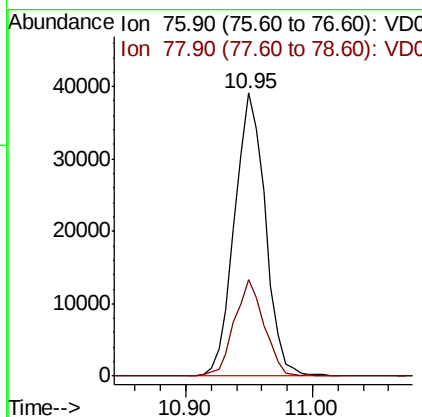
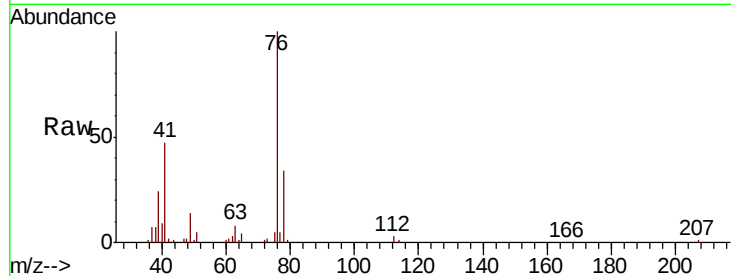
#57
 1,3-Dichloropropane
 Concen: 21.026 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBSD01

Tot Ion: 76 Resp: 65830
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

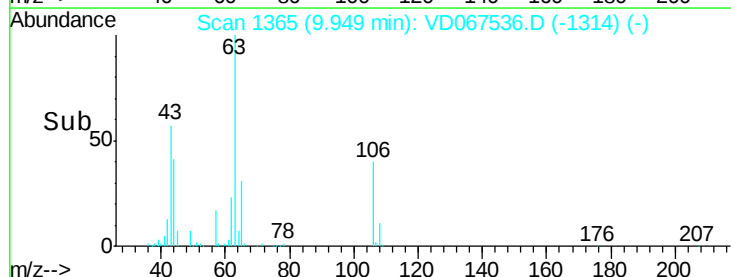
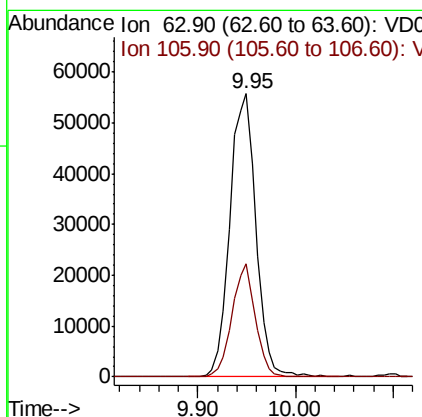
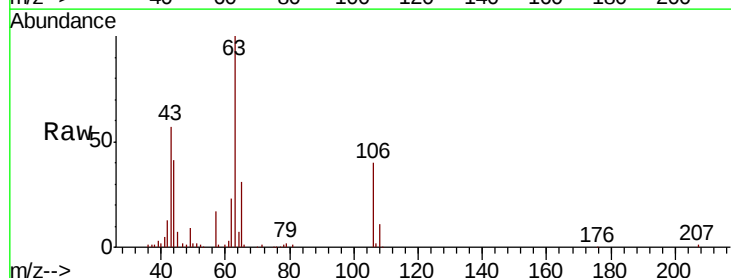
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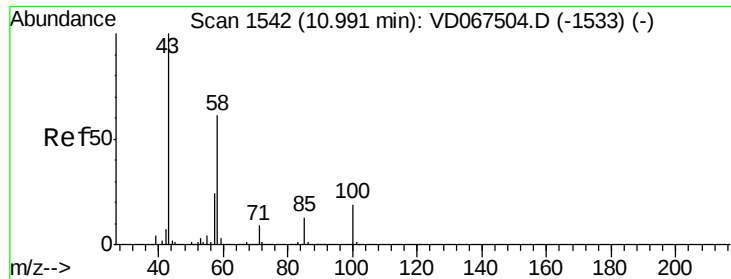
MMDadoda
 11/6/2020 9:24:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.297 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion: 63 Resp: 103345
 Ion Ratio Lower Upper
 63 100
 106 35.5 29.2 43.8





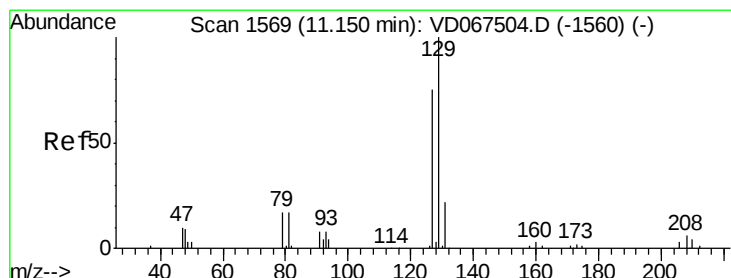
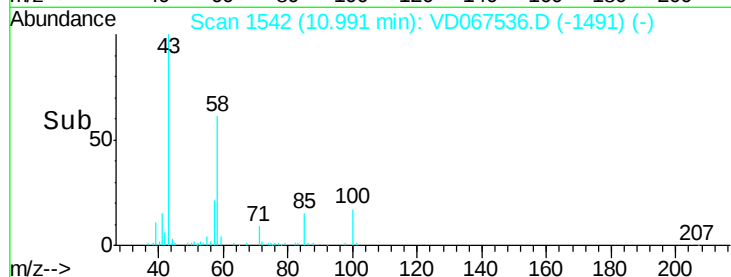
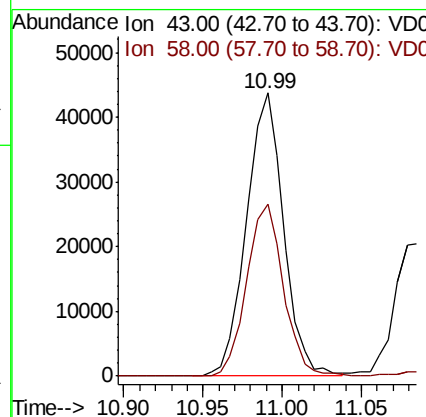
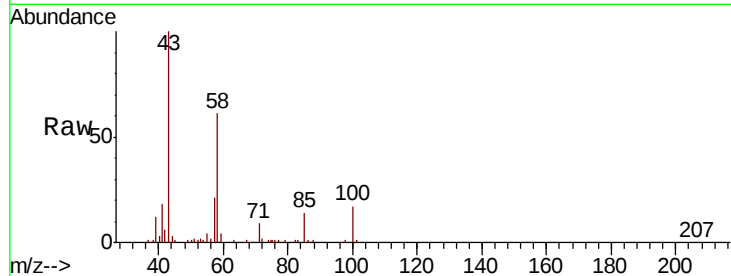
#59
2-Hexanone
Concen: 104.936 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 43 Resp: 71149
Ion Ratio Lower Upper
43 100
58 60.3 30.3 90.9

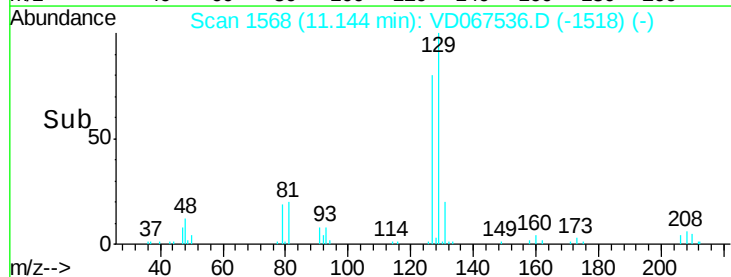
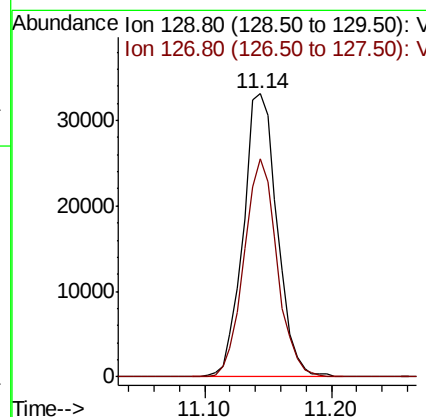
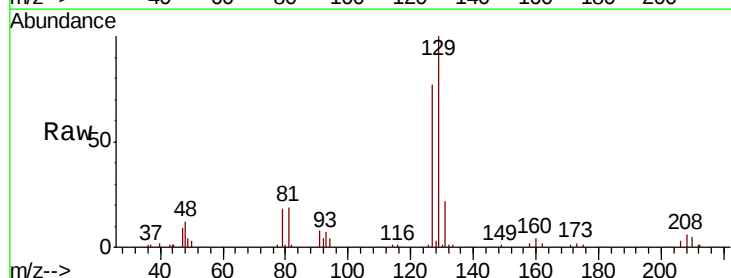
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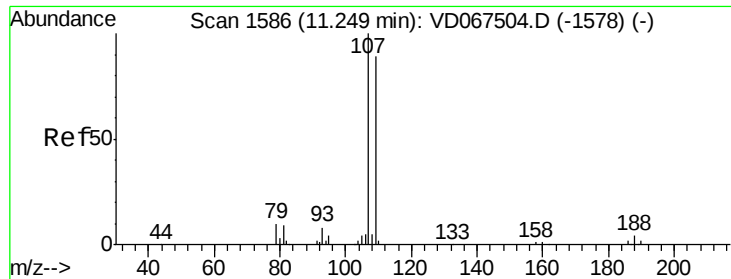
MMDadoda
11/6/2020 9:24:33 AM



#60
Dibromochloromethane
Concen: 21.405 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion: 129 Resp: 61607
Ion Ratio Lower Upper
129 100
127 74.8 38.0 114.1





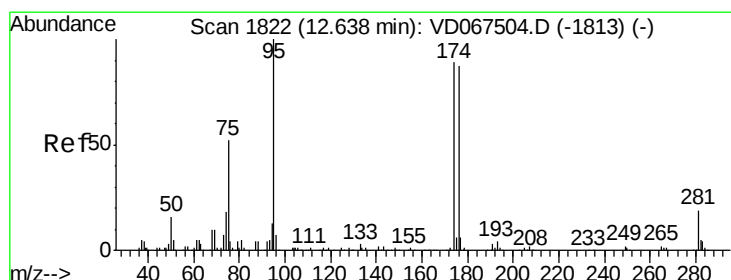
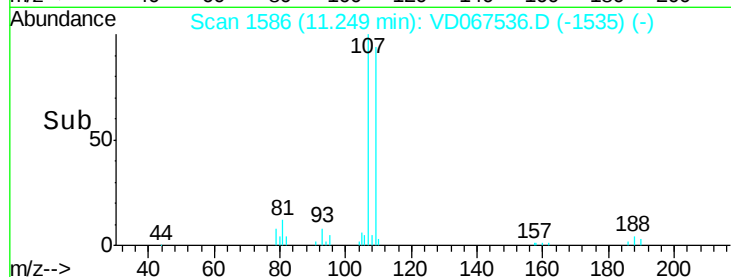
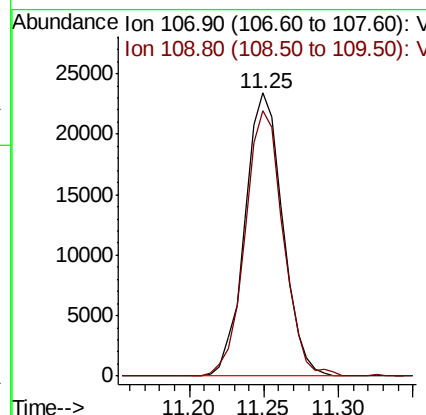
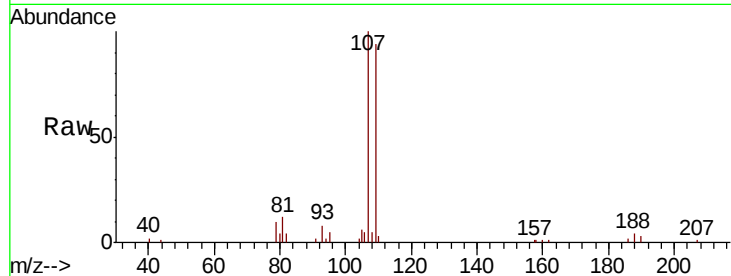
#61
 1,2-Dibromoethane
 Concen: 20.975 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.6	111.8

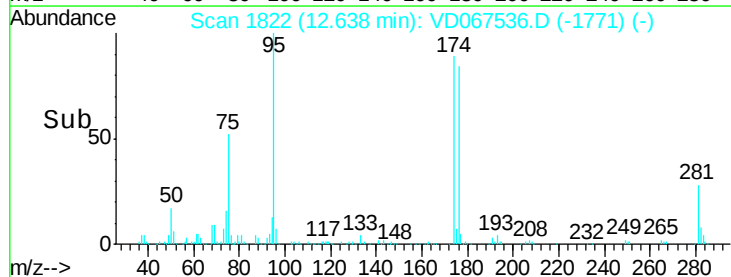
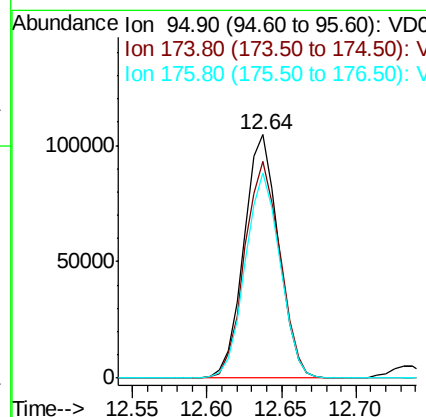
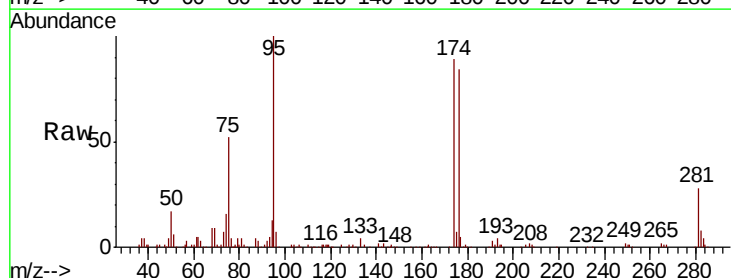
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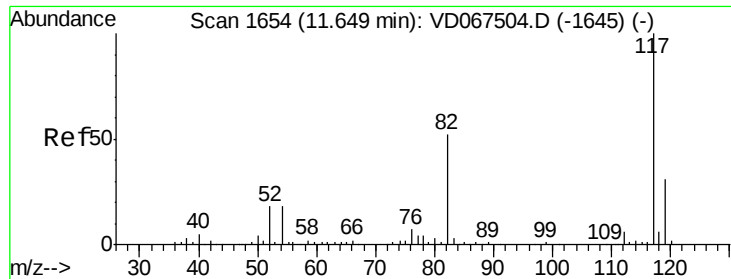
MMDadoda
 11/6/2020 9:24:33 AM



#62
 4-Bromofluorobenzene
 Concen: 49.910 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	177.8
176	84.8	0.0	172.0





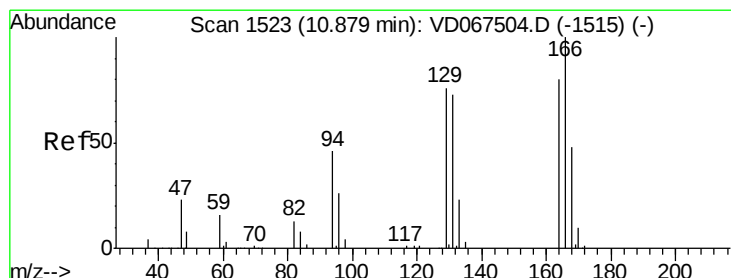
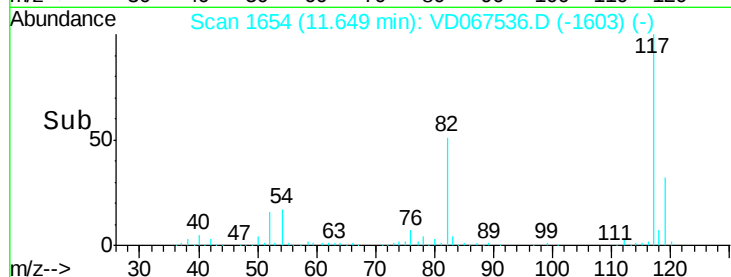
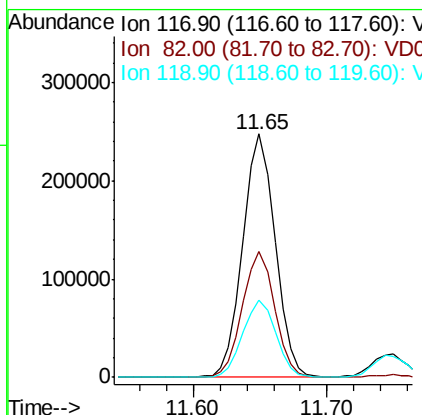
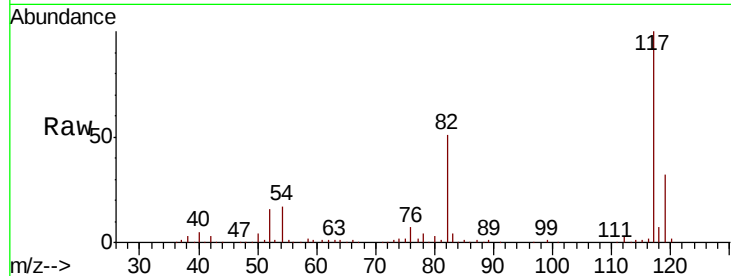
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.6	62.4
119	31.6	25.1	37.7

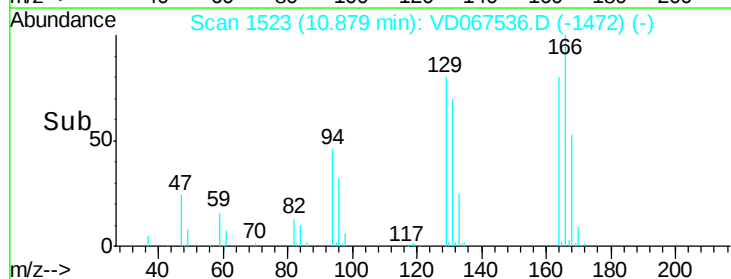
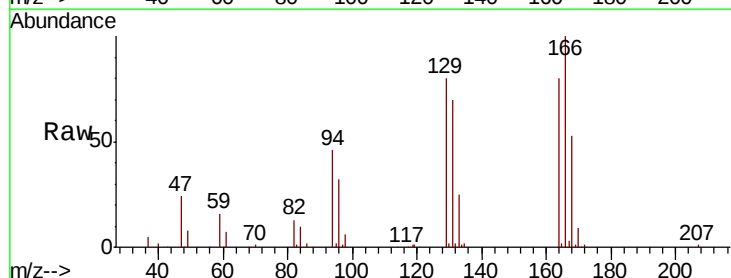
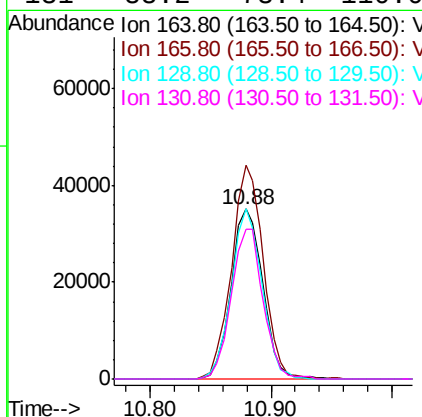
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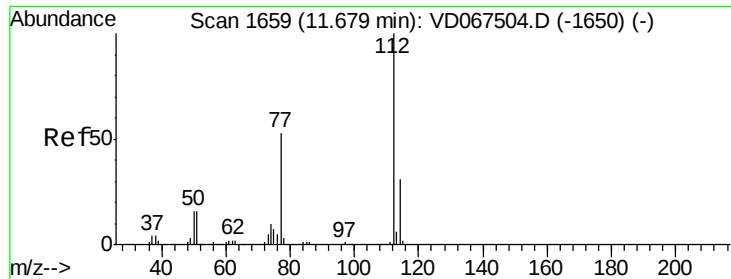
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#64
Tetrachloroethene
Concen: 20.820 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	99.9	149.9
129	100.3	75.5	113.3
131	88.2	73.4	110.0





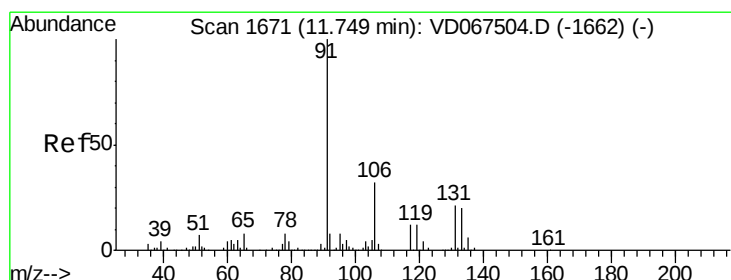
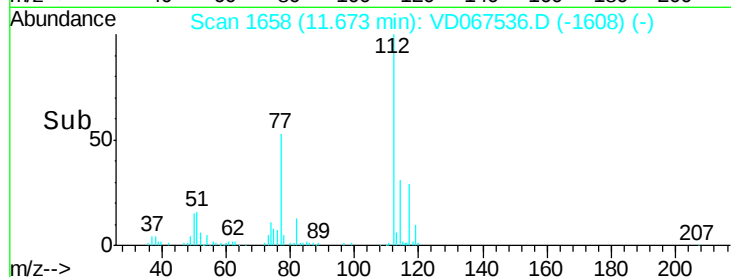
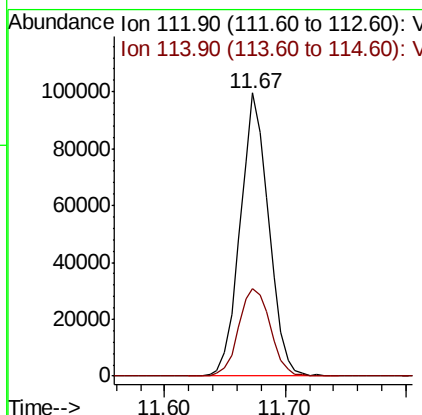
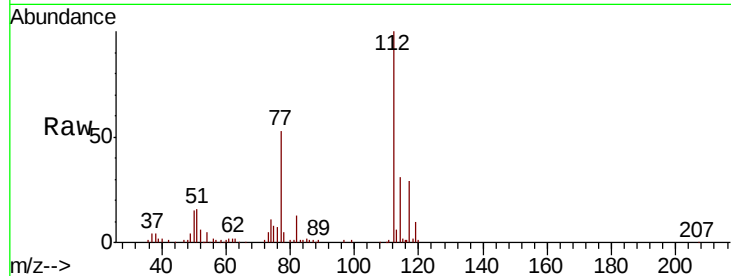
#65
Chlorobenzene
Concen: 20.381 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion:112 Resp: 163868
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3

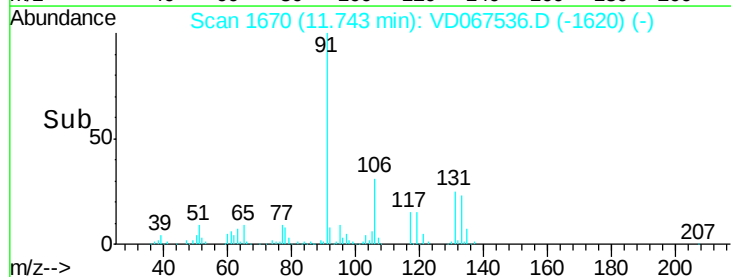
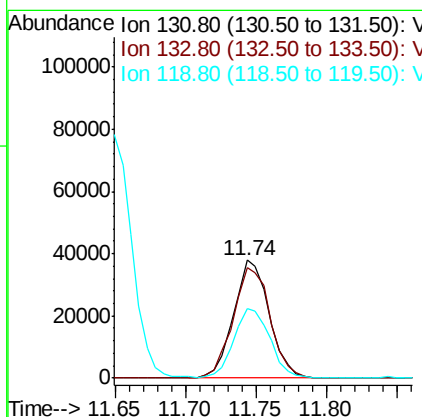
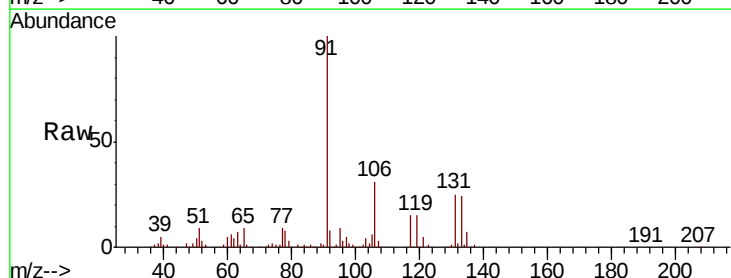
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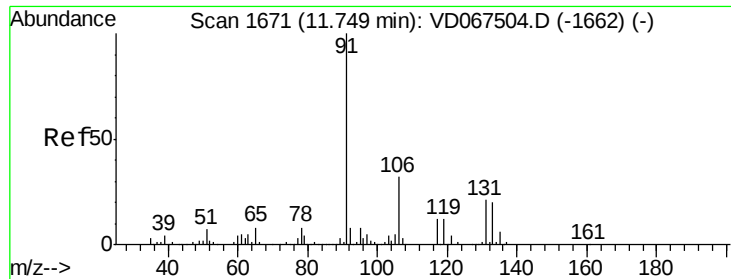
MMDadoda
11/6/2020 9:24:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.005 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion:131 Resp: 66563
Ion Ratio Lower Upper
131 100
133 98.7 48.0 144.0
119 60.2 30.1 90.5





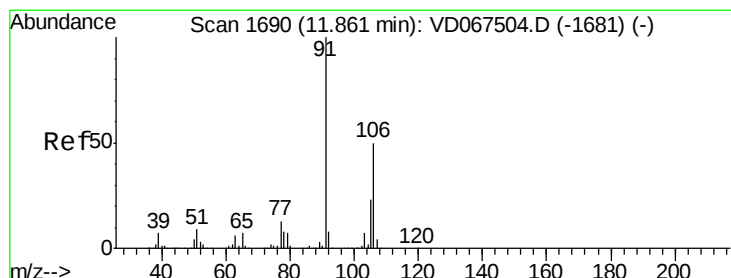
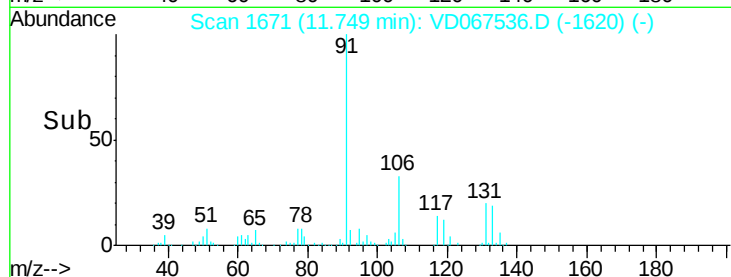
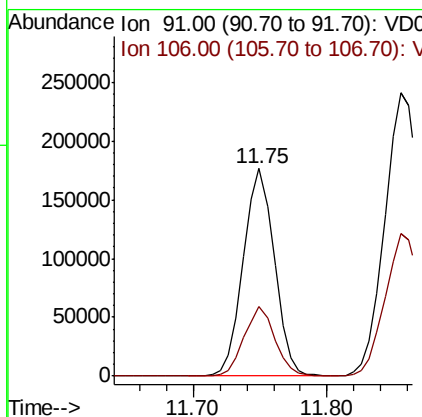
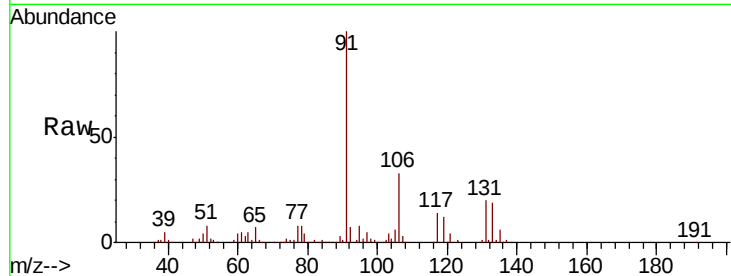
#67
Ethyl Benzene
Concen: 20.768 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 91 Resp: 285744
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5

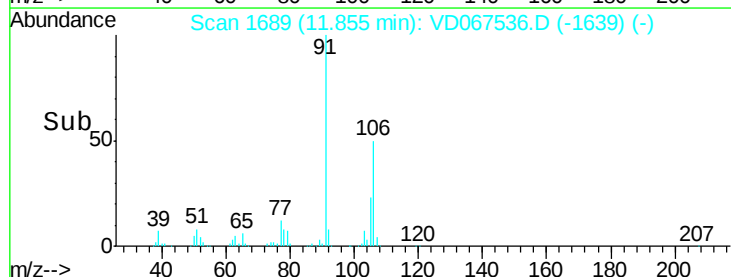
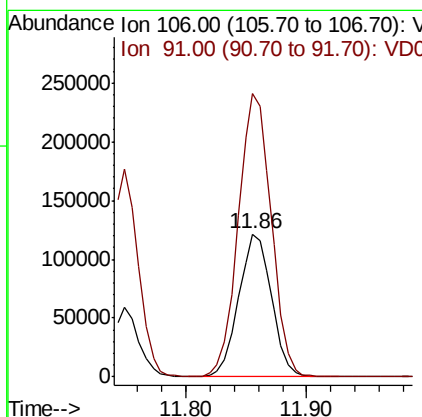
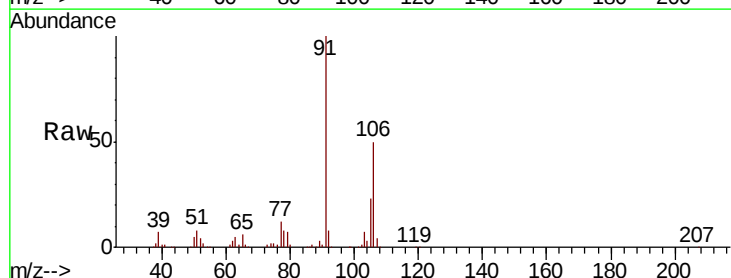
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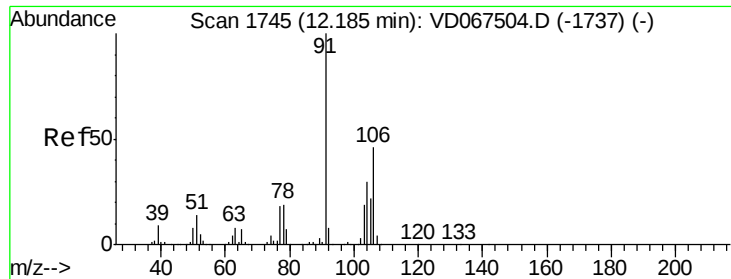
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11/6/2020 9:24:33 AM



#68
m/p-Xylenes
Concen: 42.940 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion: 106 Resp: 229847
Ion Ratio Lower Upper
106 100
91 199.3 162.6 244.0





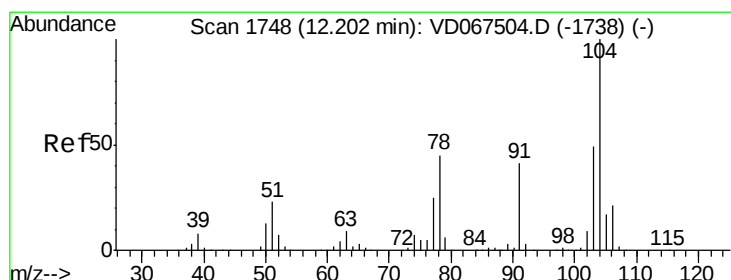
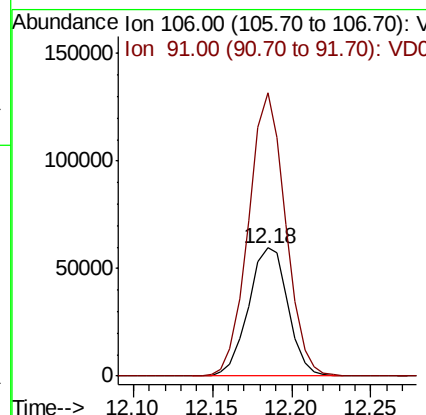
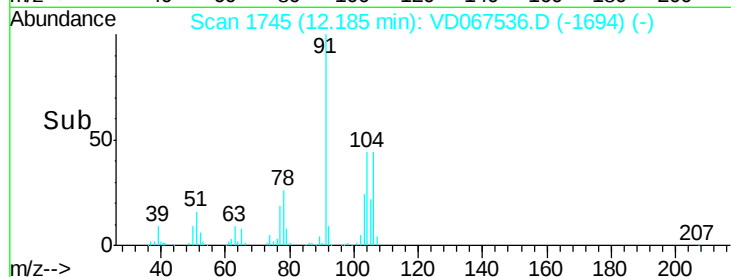
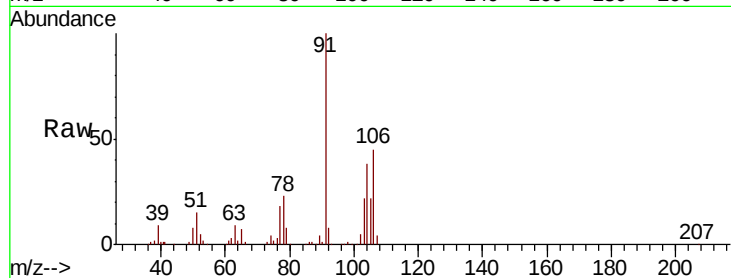
#69
o-Xylene
Concen: 21.622 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	107.1	321.1

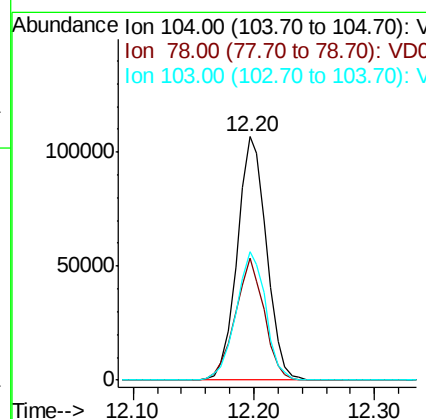
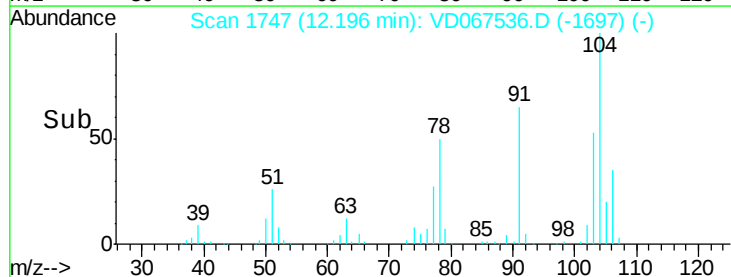
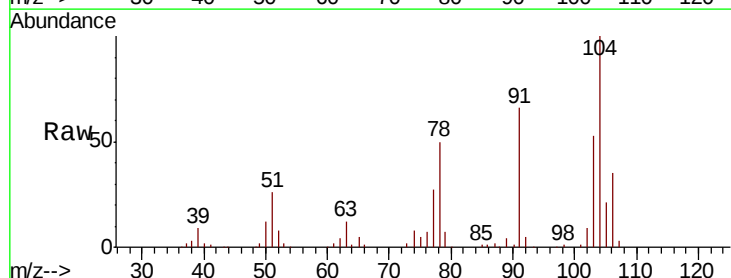
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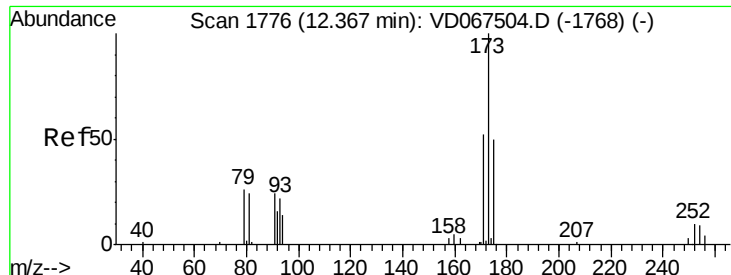
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#70
Styrene
Concen: 21.587 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.8	59.8
103	53.9	43.9	65.9





#71

Bromoform

Concen: 21.481 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:173 Resp: 34717

Ion Ratio Lower Upper

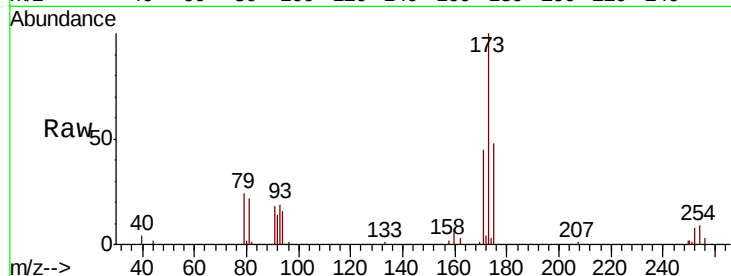
173 100

175 49.2 24.1 72.2

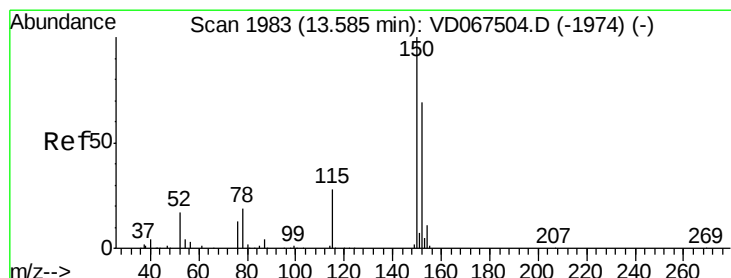
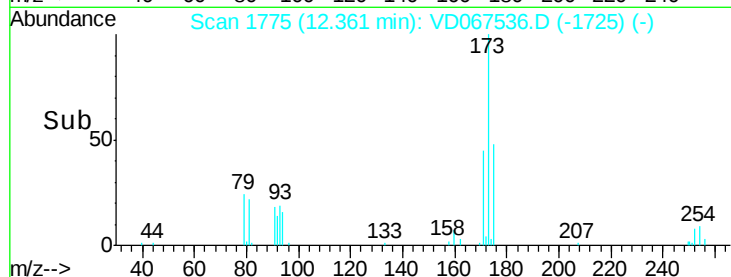
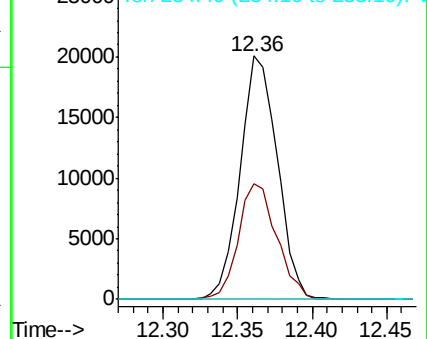
254 0.0 0.0 0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

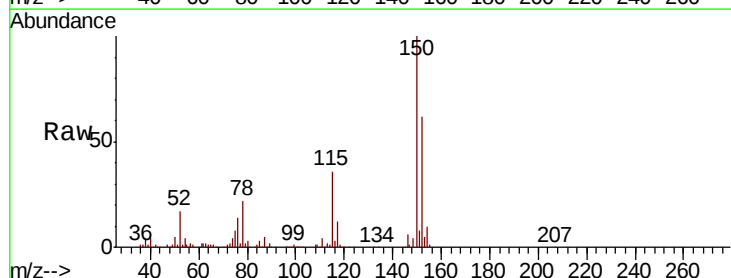
Tgt Ion:152 Resp: 209782

Ion Ratio Lower Upper

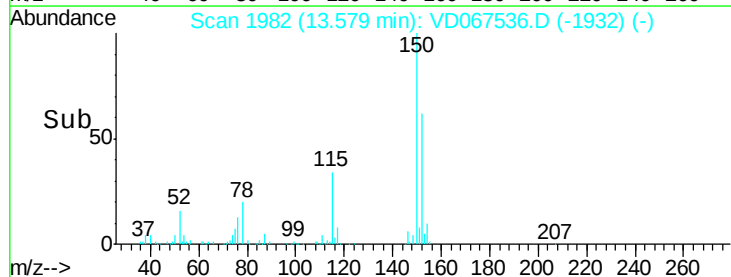
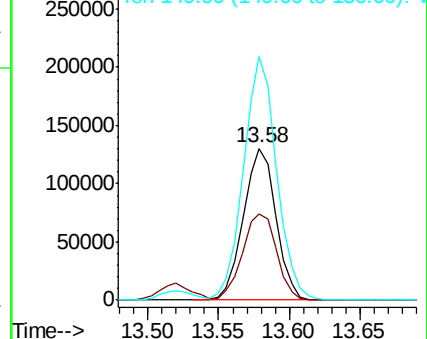
152 100

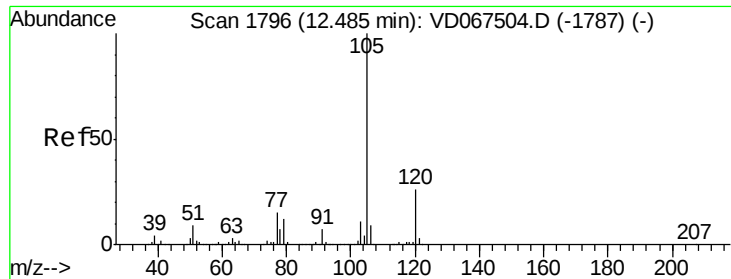
115 59.8 29.3 88.0

150 163.5 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.305 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 105 Resp: 288848

Ion Ratio Lower Upper

105 100

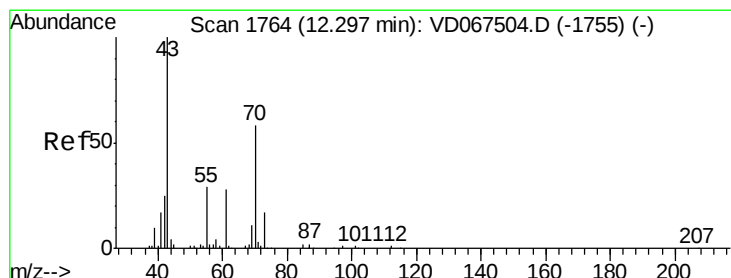
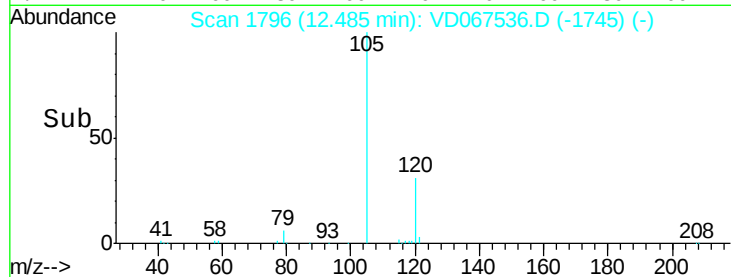
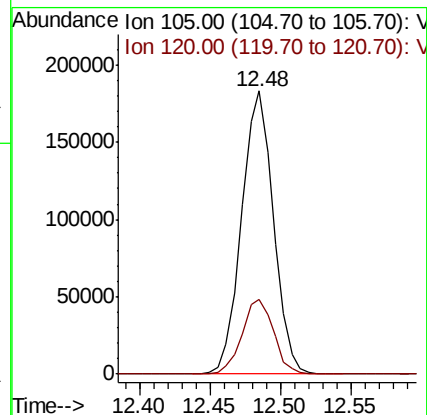
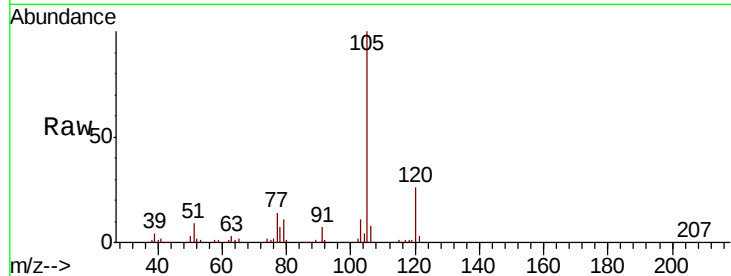
120 26.4 13.2 39.6

Manual Integrations

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11/6/2020 9:24:33 AM



#74

N-ethyl acetate

Concen: 20.591 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Tgt Ion: 43 Resp: 36735

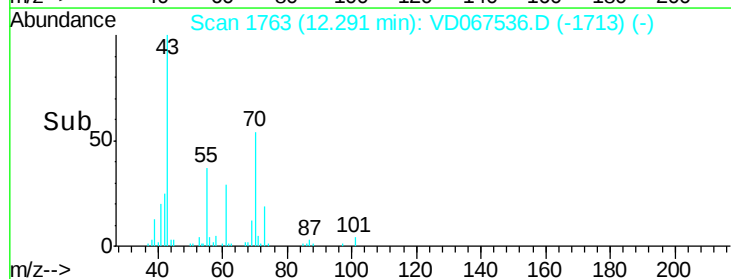
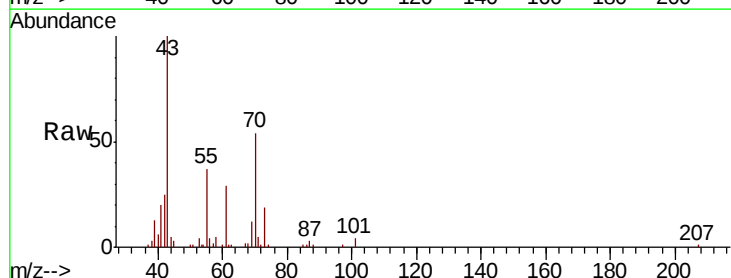
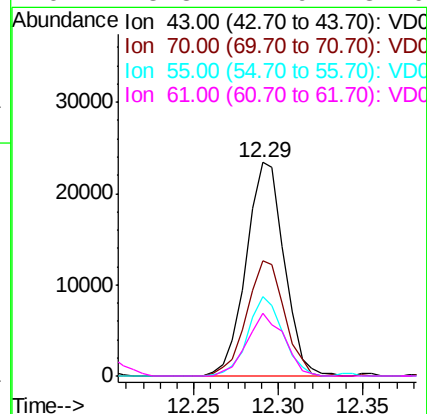
Ion Ratio Lower Upper

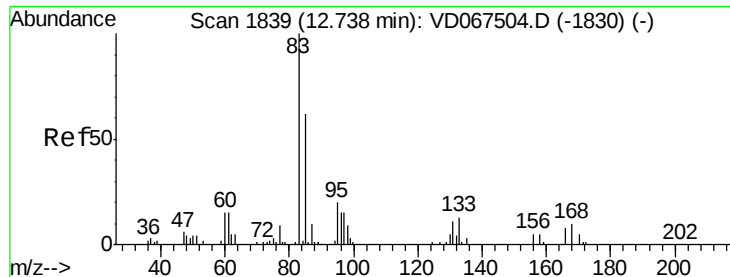
43 100

70 54.0 42.6 64.0

55 34.3 23.7 35.5

61 28.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.460 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

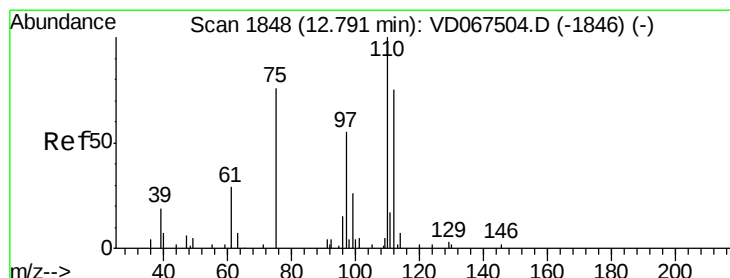
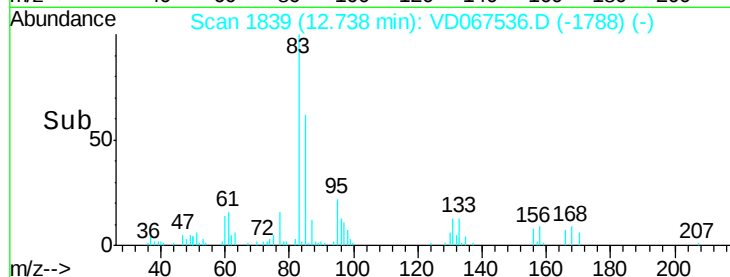
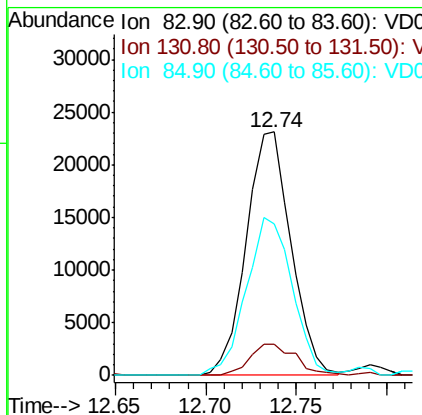
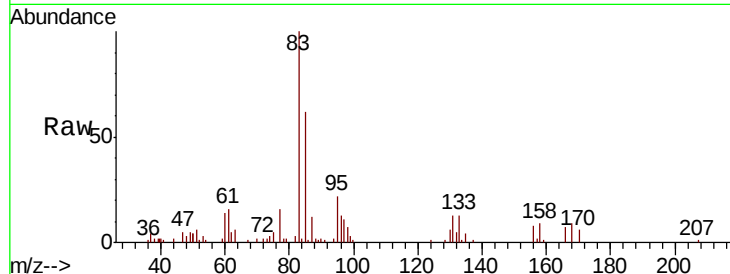
ClientSampleId :

VD1105SBS01

Tot Ion:	83	Resp:	39674
Ion	Ratio	Lower	Upper
83	100		
131	13.2	7.1	21.3
85	66.9	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 18.222 ug/l m

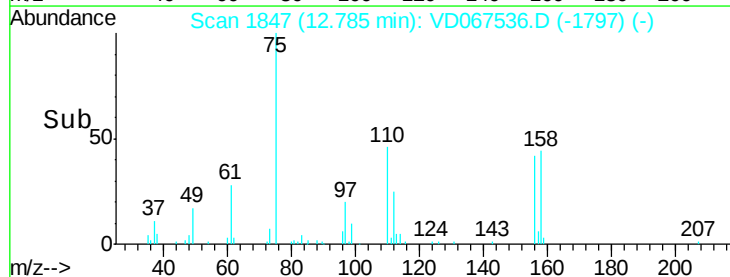
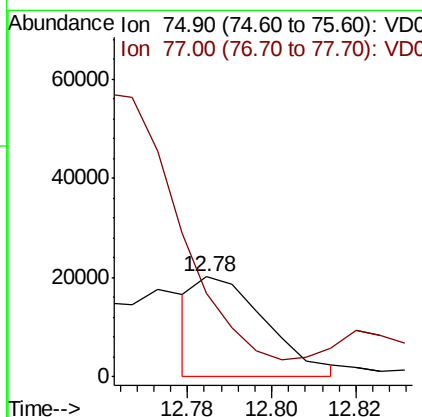
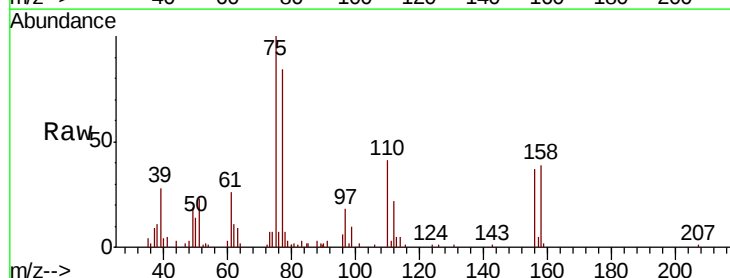
RT: 12.78 min Scan# 1847

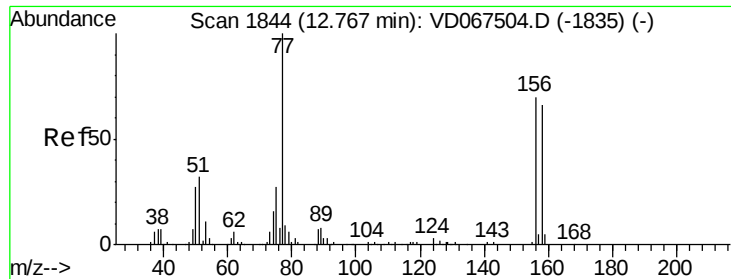
Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Tgt Ion:	75	Resp:	23060
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.395 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

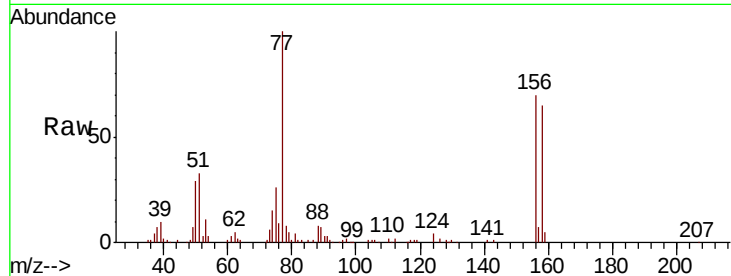
ClientSampleId :

VD1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	160.9	77.8	233.5	
158	97.6	47.9	143.7	

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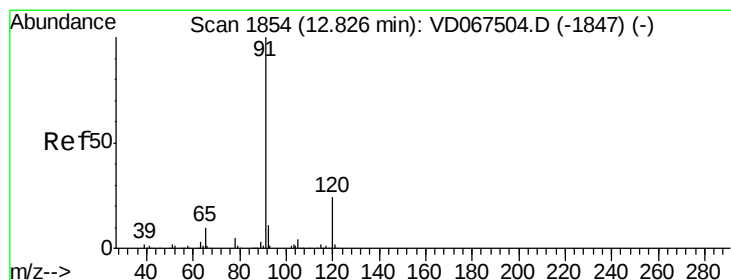
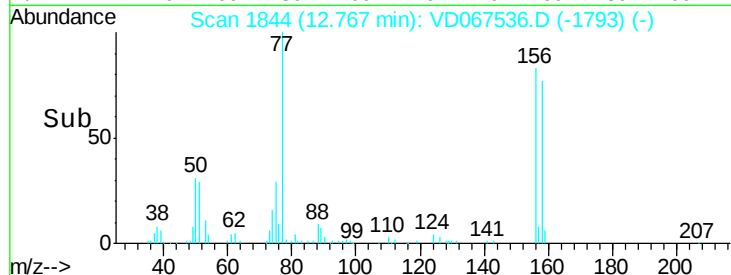
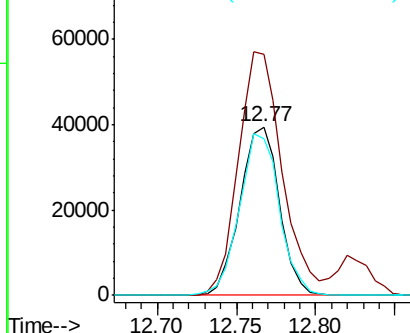
MMDadoda
11/6/2020 9:24:33 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.065 ug/l

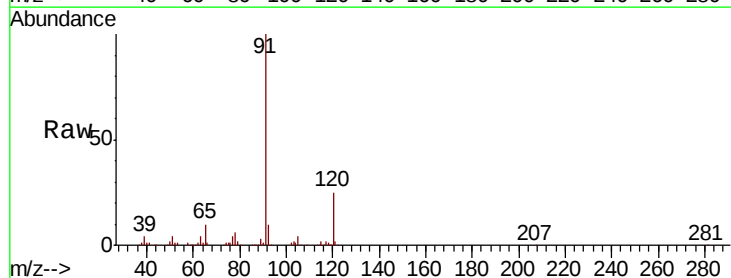
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067536.D

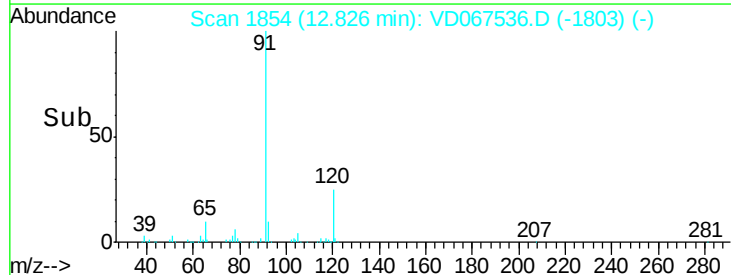
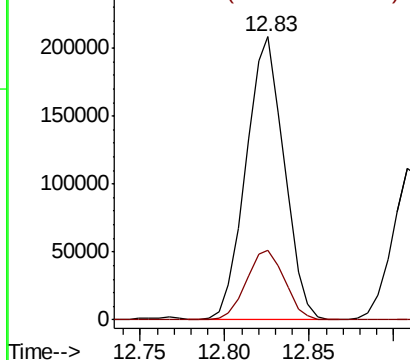
Acq: 05 Nov 2020 11:25

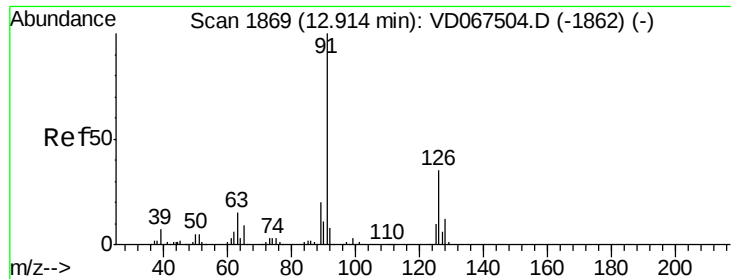
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.0	12.2	36.4	



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.147 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 91 Resp: 186288

Ion Ratio Lower Upper

91 100

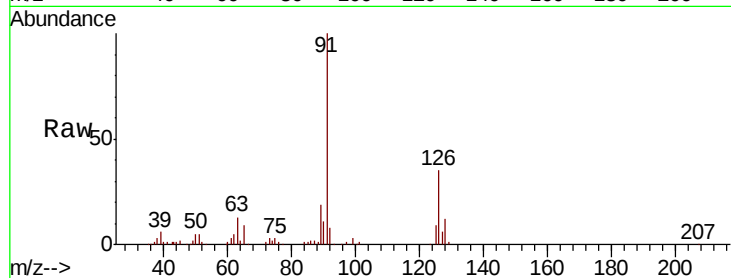
126 37.1 17.8 53.4

Manual Integrations

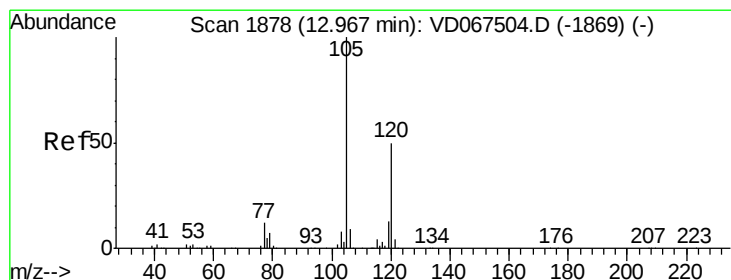
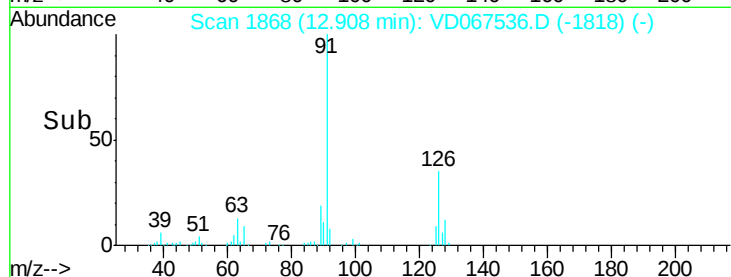
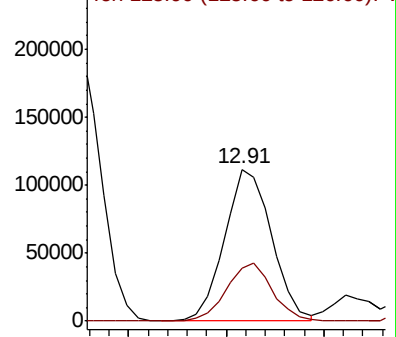
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.228 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067536.D

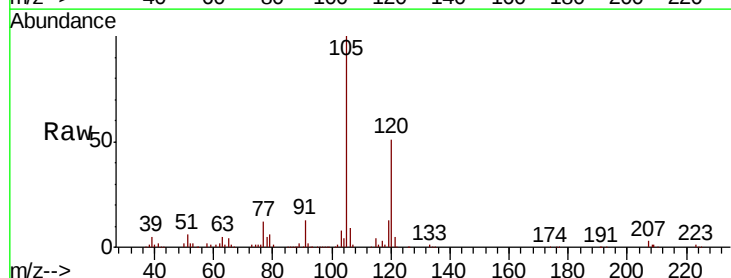
Acq: 05 Nov 2020 11:25

Tgt Ion: 105 Resp: 245852

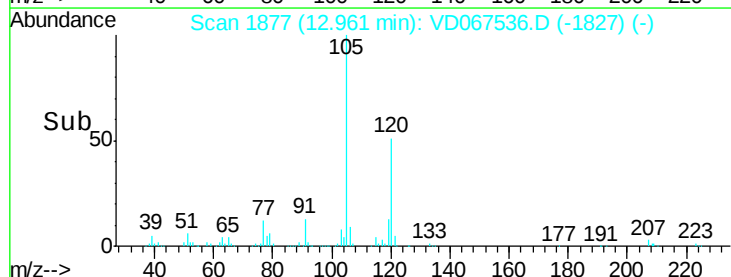
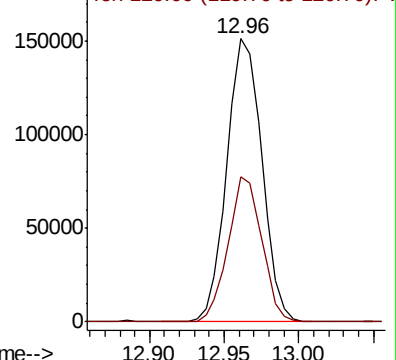
Ion Ratio Lower Upper

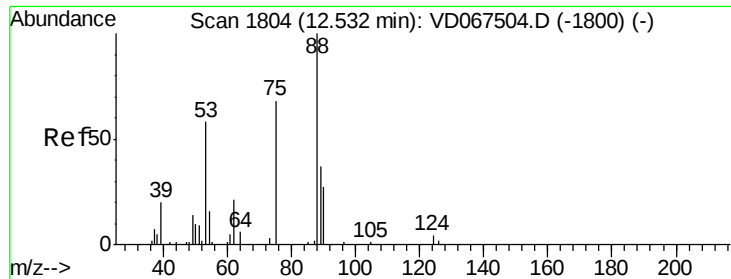
105 100

120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





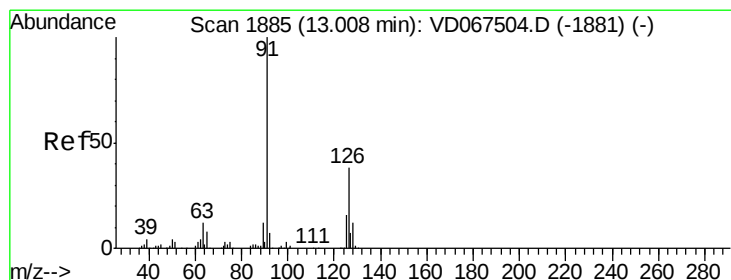
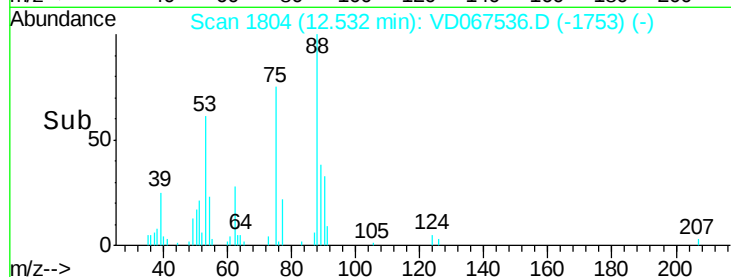
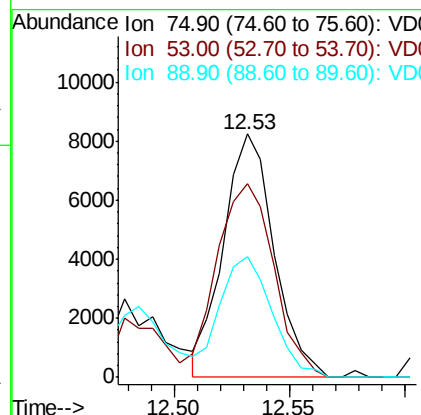
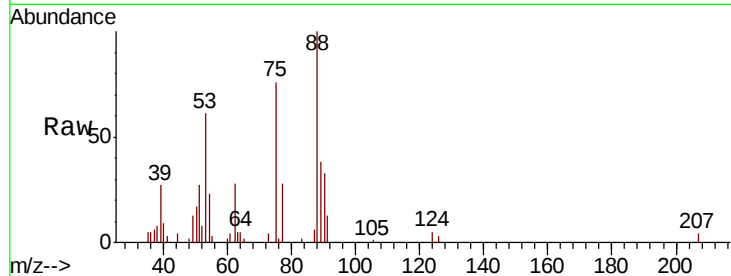
#81
trans-1,4-Dichloro-2-butene
Concen: 20.176 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	75.9	113.9
89	51.0	44.6	67.0

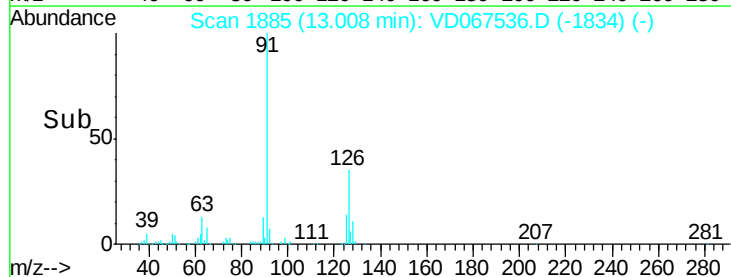
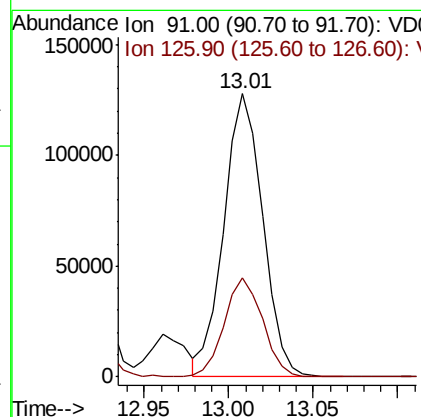
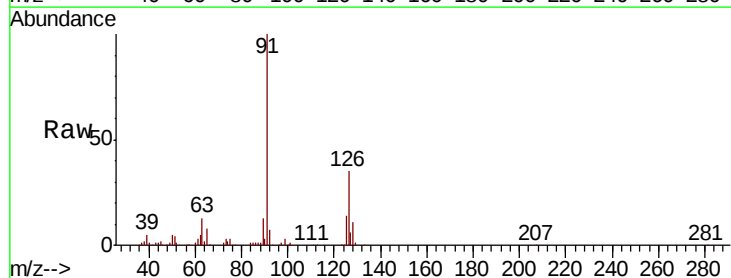
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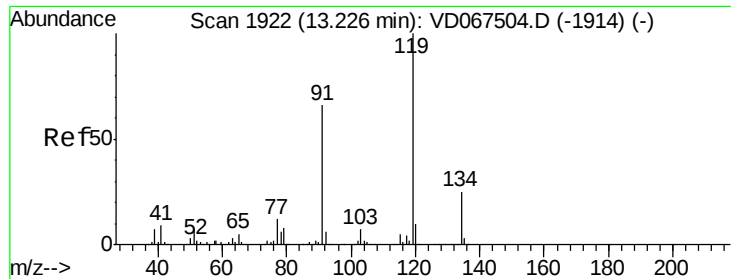
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#82
4-Chlorotoluene
Concen: 21.723 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.9	53.7





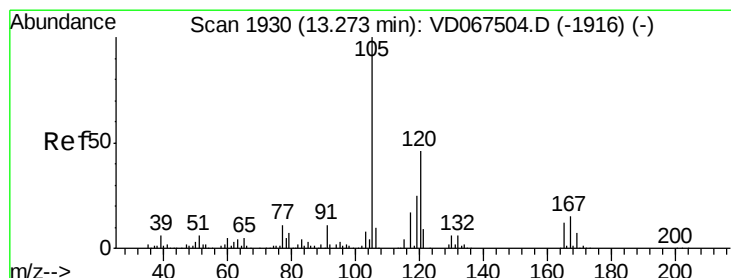
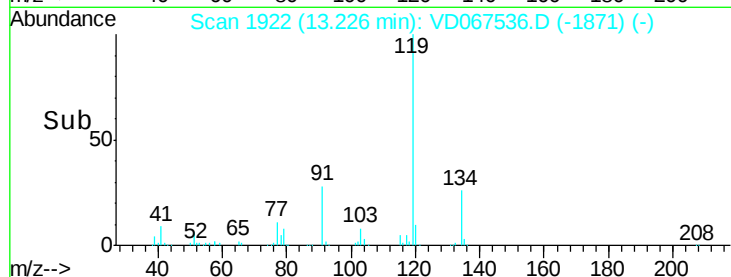
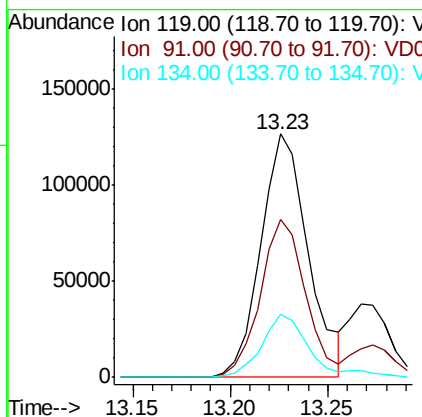
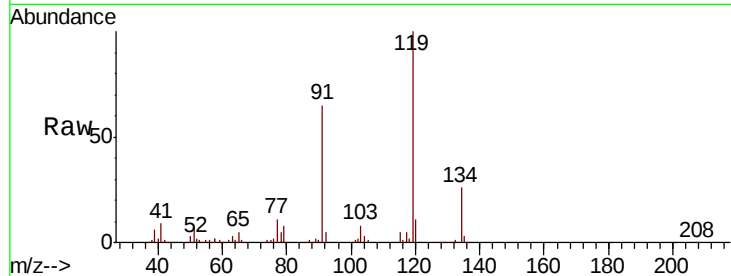
#83
tert-Butylbenzene
Concen: 21.658 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212590		
91	62.1		32.7	98.1
134	26.7		13.4	40.2

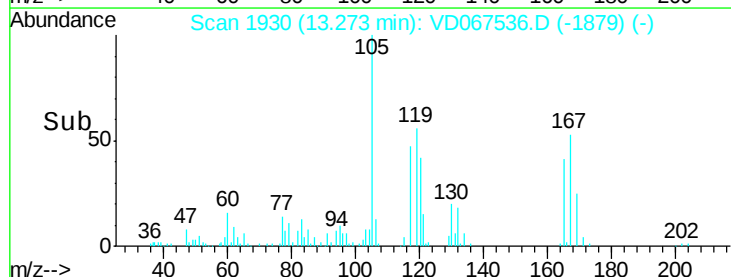
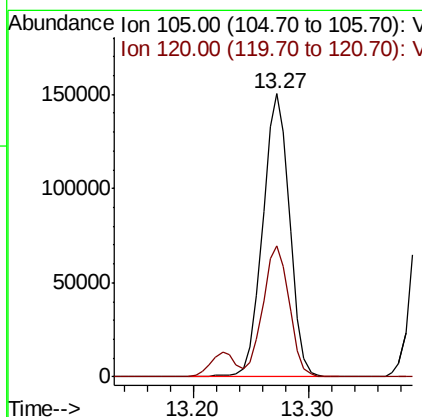
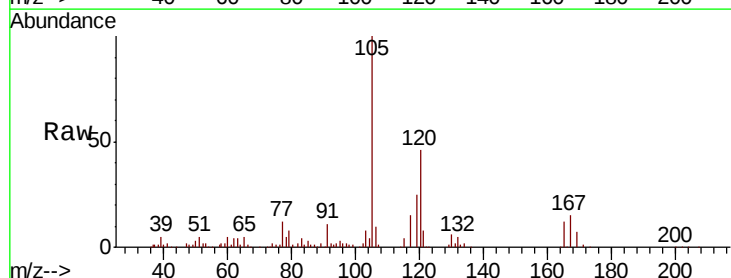
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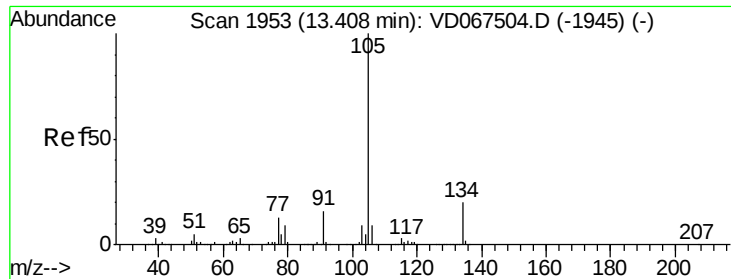
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#84
1,2,4-Trimethylbenzene
Concen: 21.175 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244121		
120	45.2		22.1	66.1





#85

sec-Butylbenzene

Concen: 21.473 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:105 Resp: 284537

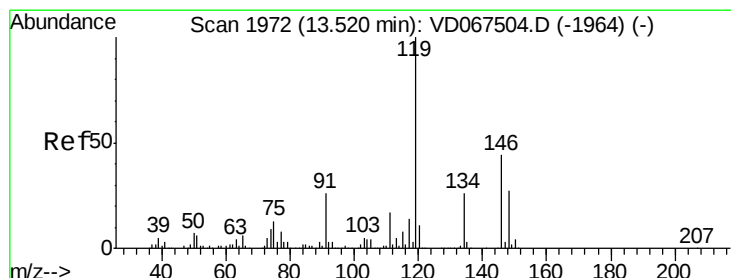
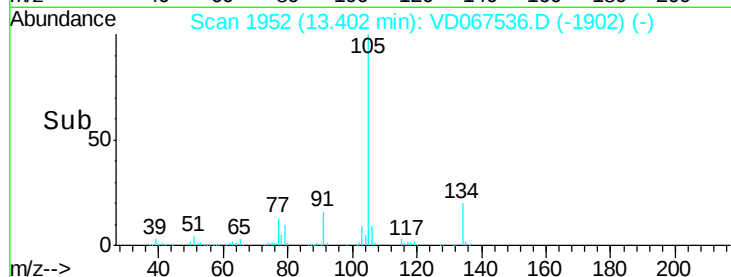
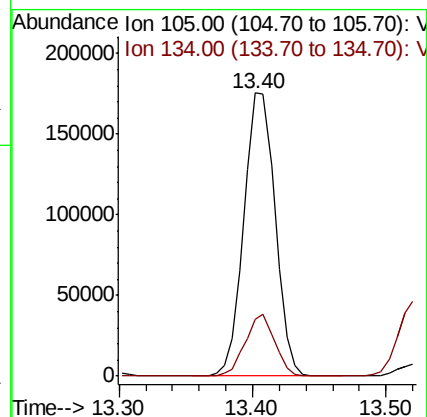
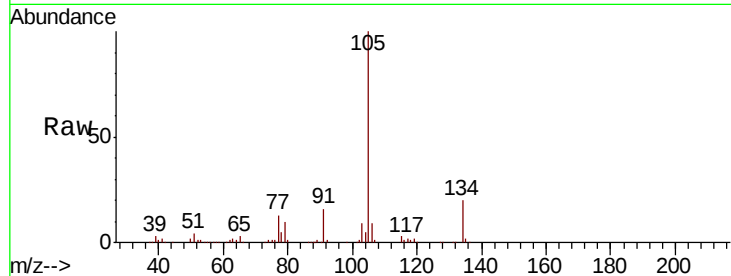
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 20.874 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067536.D

Acq: 05 Nov 2020 11:25

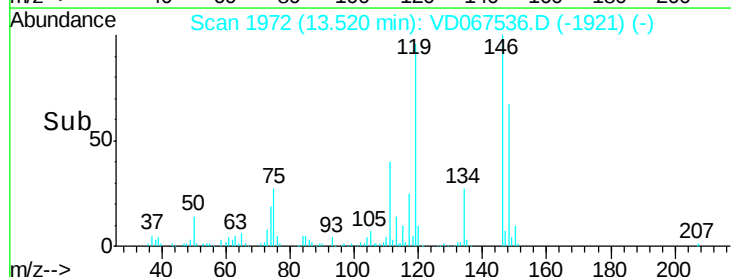
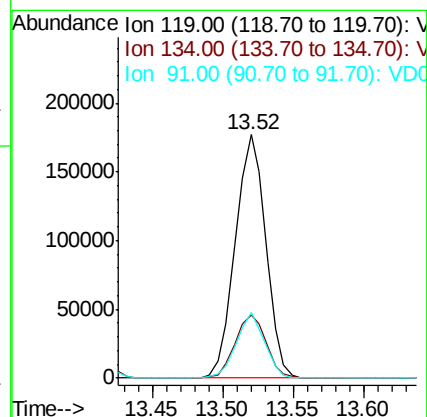
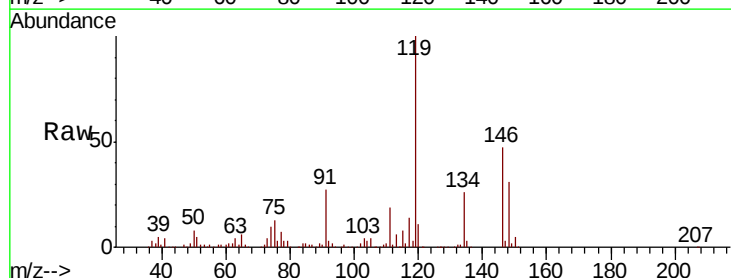
Tgt Ion:119 Resp: 267096

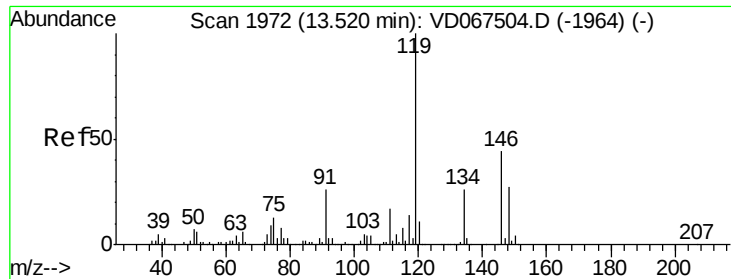
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.6 12.2 36.4





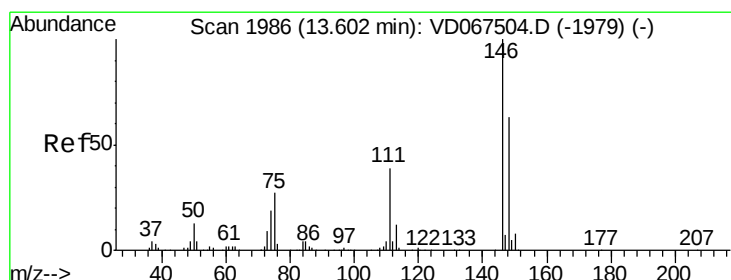
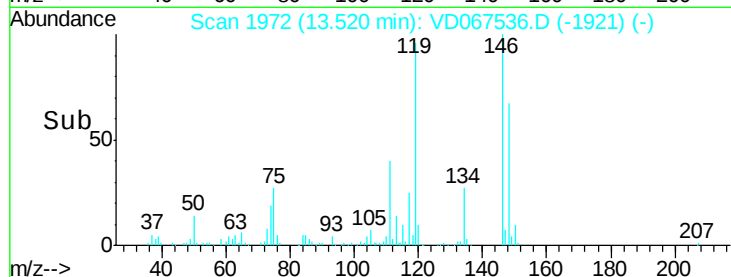
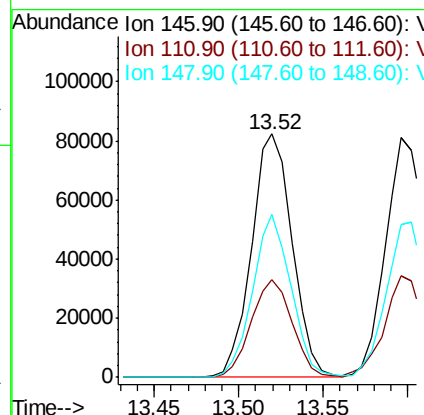
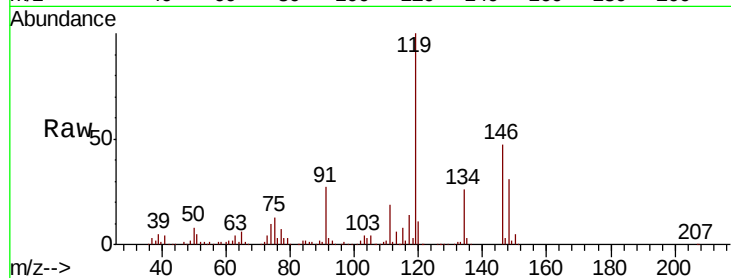
#87
 1,3-Dichlorobenzene
 Concen: 21.719 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	63.0	31.9	95.9

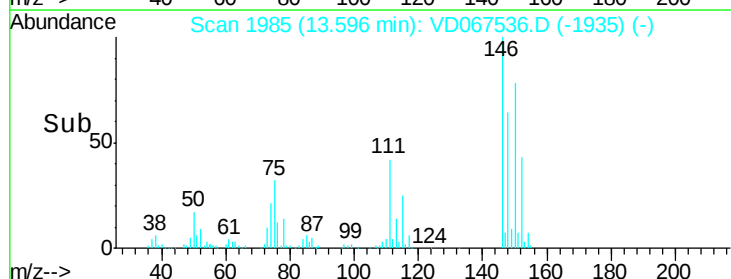
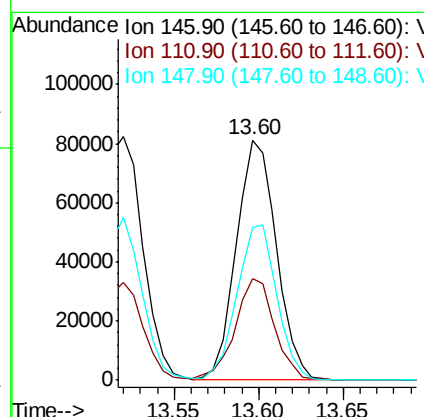
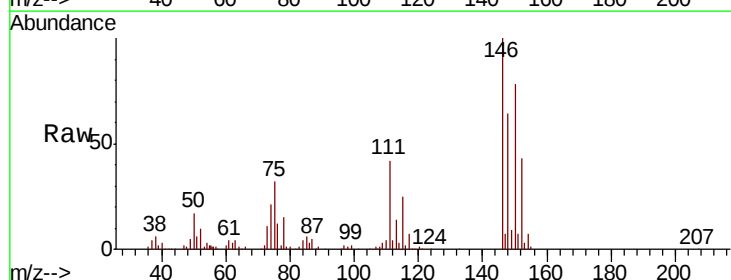
Manual Integrations
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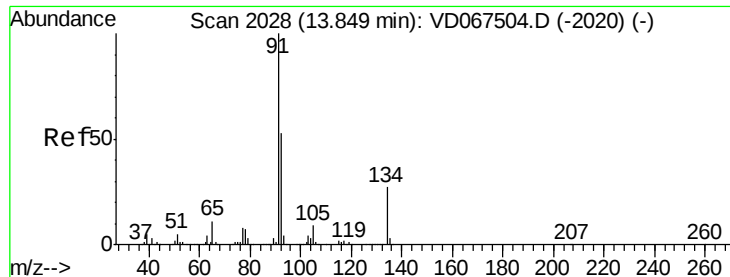
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 11/6/2020 9:24:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.857 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.6	58.7
148	64.5	31.8	95.4





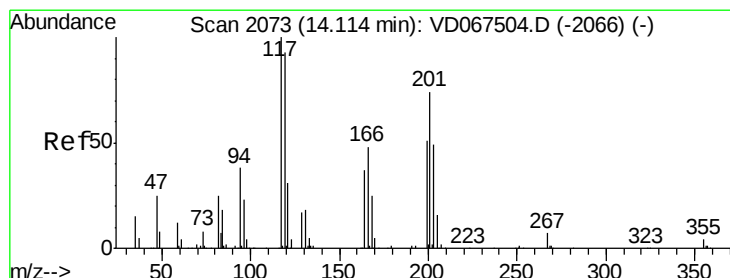
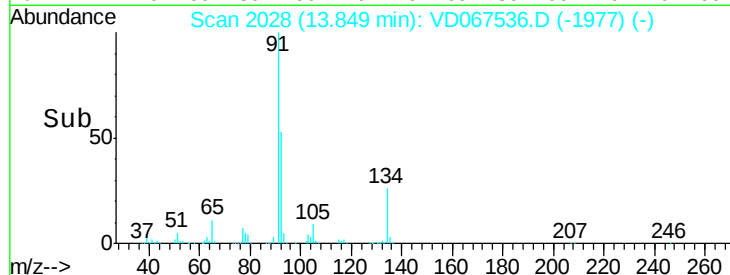
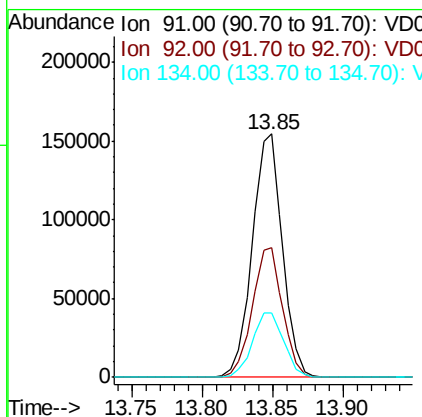
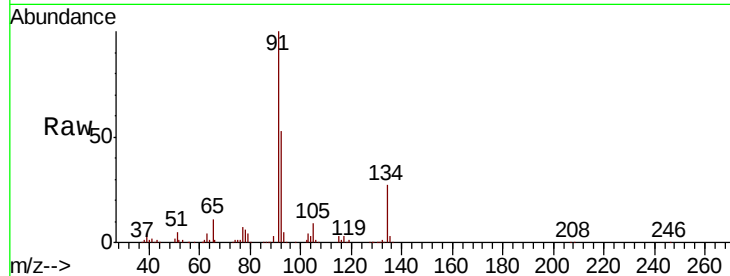
#89
n-Butylbenzene
Concen: 20.977 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.8
134	27.7	14.1	42.2

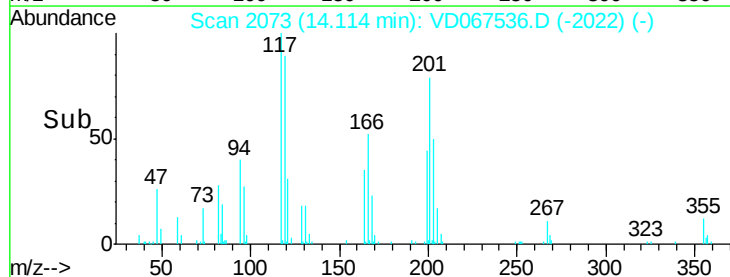
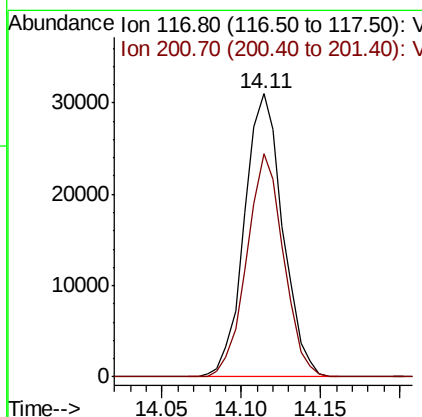
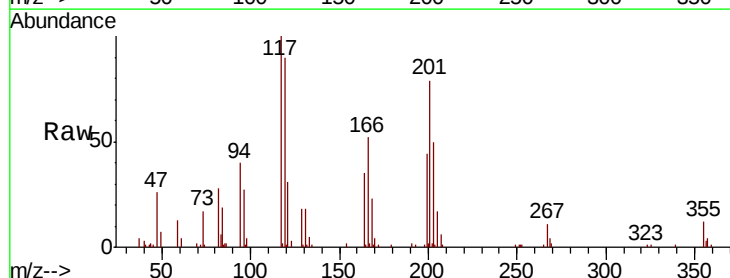
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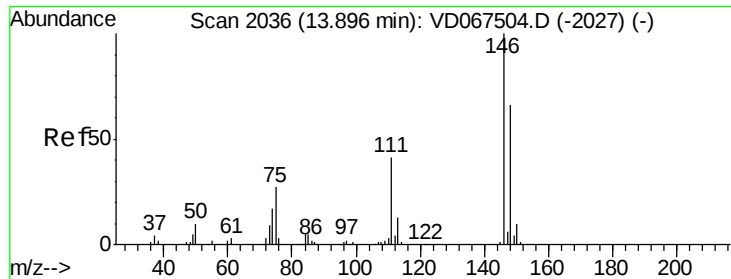
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11/6/2020 9:24:33 AM



#90
Hexachloroethane
Concen: 21.638 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.5	40.7	122.1





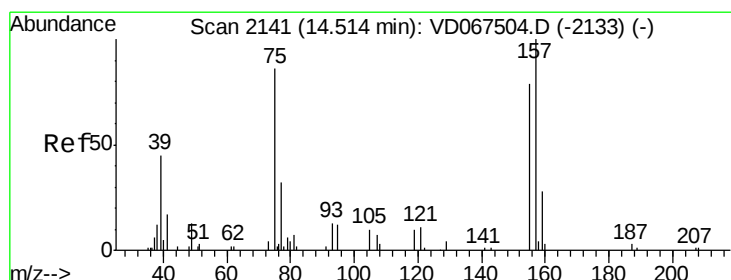
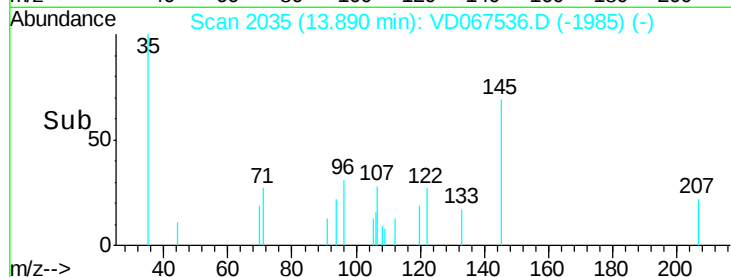
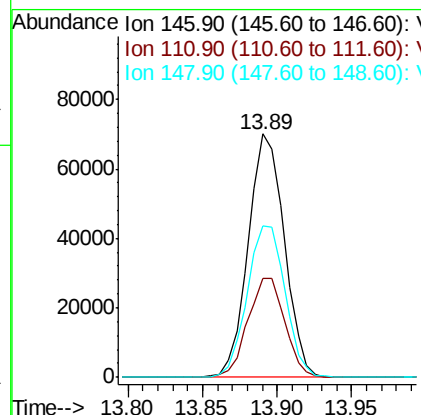
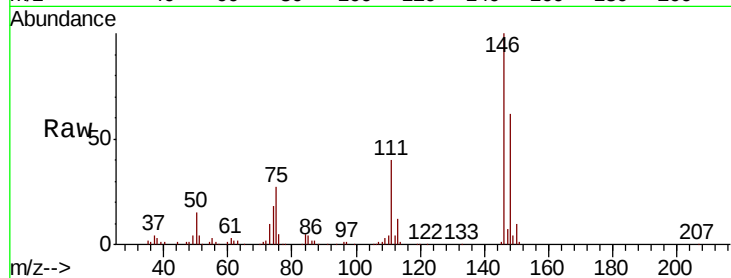
#91
 1,2-Dichlorobenzene
 Concen: 21.239 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	65.8	31.5	94.5

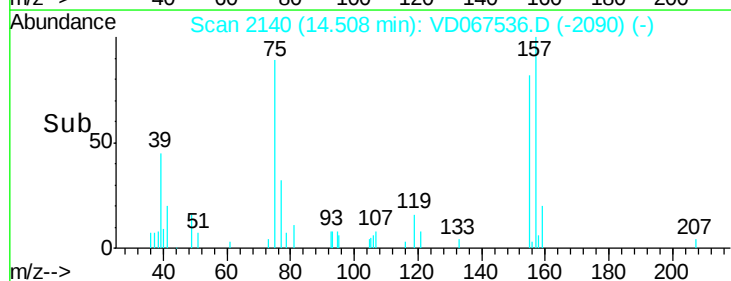
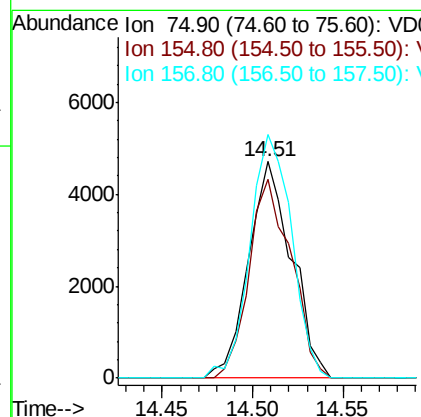
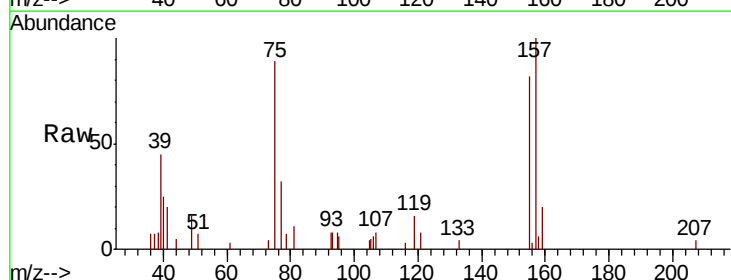
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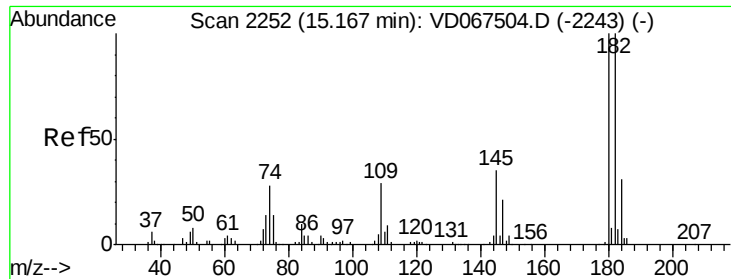
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.814 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	46.6	139.8
157	108.7	58.1	174.2





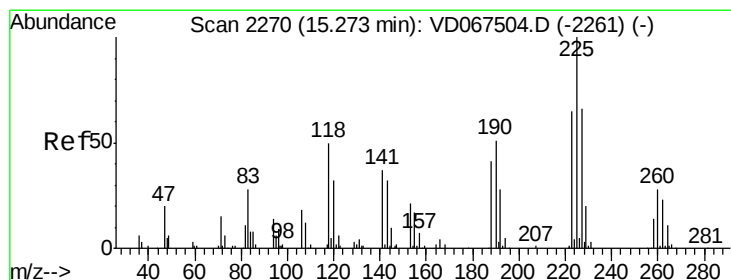
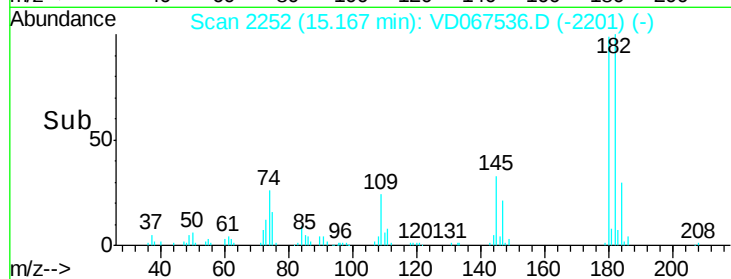
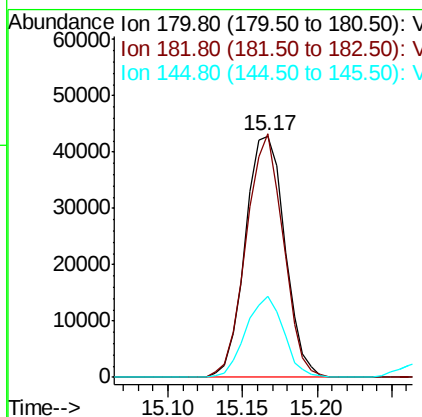
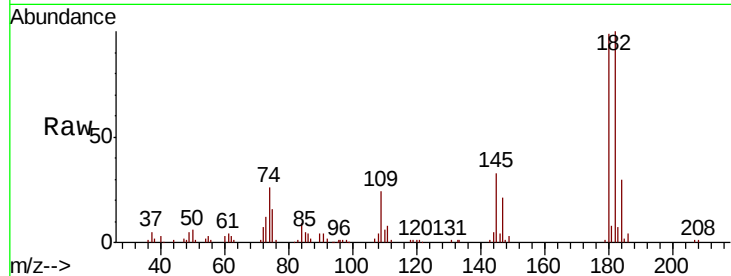
#93
 1,2,4-Trichlorobenzene
 Concen: 21.058 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	47.4	142.3	
145	32.1	16.2	48.6	

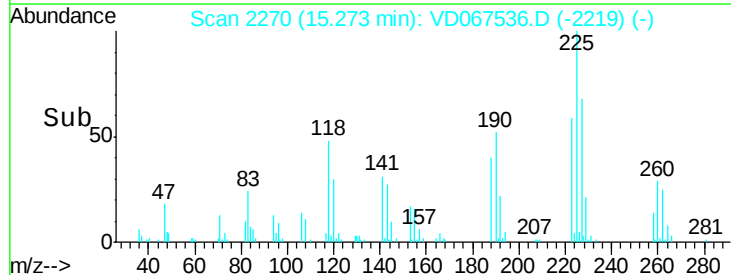
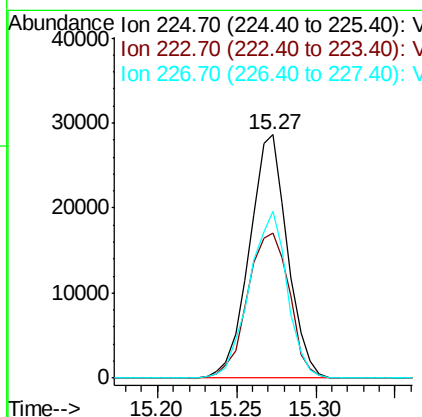
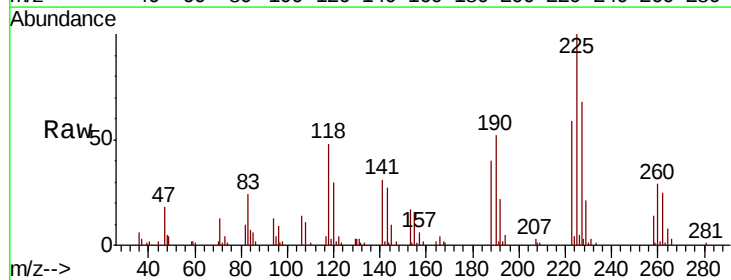
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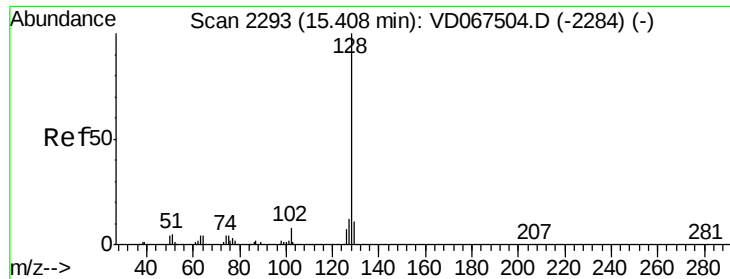
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#94
 Hexachlorobutadiene
 Concen: 19.116 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067536.D
 Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	31.9	95.5	
227	68.2	32.5	97.4	





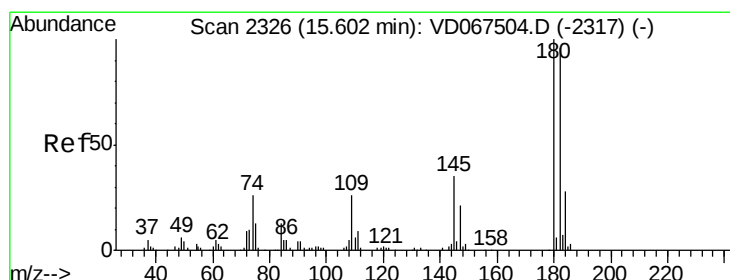
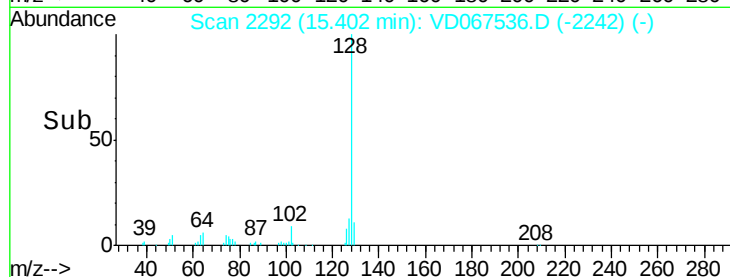
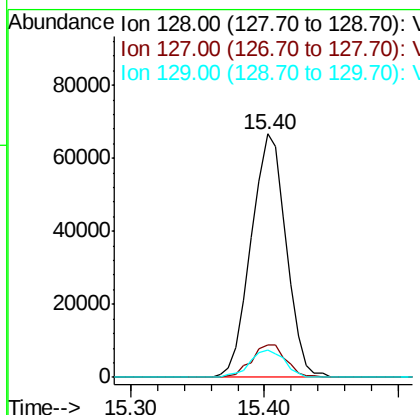
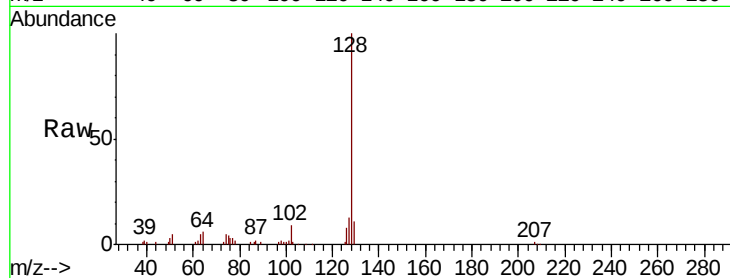
#95
Naphthalene
Concen: 20.935 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.2	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 21.043 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067536.D
Acq: 05 Nov 2020 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	46.9	140.8
145	33.4	17.1	51.2

