

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067535.D
 Acq On : 05 Nov 2020 10:58
 Operator : VA/SY
 Sample : VD1105SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:29 AM

Quant Time: Nov 06 00:28:43 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	318484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	129543	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.92	113	134322	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.34	98	474923	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.64	95	164689	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64364	22.461	ug/l	95
3) Chloromethane	2.21	50	42766	21.563	ug/l	96
4) Vinyl Chloride	2.35	62	44937	20.323	ug/l	99
5) Bromomethane	2.76	94	34343	19.163	ug/l	92
6) Chloroethane	2.92	64	27974	20.521	ug/l	95
7) Trichlorofluoromethane	3.27	101	119705	20.908	ug/l	94
8) Diethyl Ether	3.70	74	23720	20.561	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	60351	20.883	ug/l	97
10) Methyl Iodide	4.30	142	56298	18.176	ug/l	98
11) Tert butyl alcohol	5.21	59	17514	136.794	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	56792	21.365	ug/l	85
13) Acrolein	3.92	56	6127	72.301	ug/l	92
14) Allyl chloride	4.72	41	57458	20.196	ug/l	99
15) Acrylonitrile	5.42	53	43247	101.413	ug/l	97
16) Acetone	4.16	43	36609	87.848	ug/l	99
17) Carbon Disulfide	4.41	76	168451	20.680	ug/l	96
18) Methyl Acetate	4.71	43	16175	18.783	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	105944	20.205	ug/l	100
20) Methylene Chloride	4.97	84	63237	21.482	ug/l #	96
21) trans-1,2-Dichloroethene	5.48	96	62800	20.283	ug/l	92
22) Diisopropyl ether	6.37	45	118620	21.396	ug/l	96
23) Vinyl Acetate	6.30	43	298162	102.742	ug/l	97
24) 1,1-Dichloroethane	6.26	63	94679	20.875	ug/l	96
25) 2-Butanone	7.21	43	46177	103.702	ug/l	95
26) 2,2-Dichloropropane	7.21	77	102289	21.369	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	66022	20.544	ug/l	95
28) Bromochloromethane	7.54	49	33059	20.491	ug/l	100
29) Tetrahydrofuran	7.56	42	29162	109.332	ug/l	97
30) Chloroform	7.71	83	115146	21.280	ug/l	99
31) Cyclohexane	7.98	56	83011	20.552	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	118675	21.257	ug/l	98
36) 1,1-Dichloropropene	8.11	75	86436	21.283	ug/l	98
37) Ethyl Acetate	7.30	43	21980	20.847	ug/l	98
38) Carbon Tetrachloride	8.10	117	111306	21.094	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	98461	20.599	ug/l	95
40) Benzene	8.35	78	235442	21.402	ug/l	99
41) Methacrylonitrile	7.53	41	12653m	20.076	ug/l	
42) 1,2-Dichloroethane	8.43	62	72874	21.440	ug/l	100
43) Isopropyl Acetate	8.45	43	43123	20.680	ug/l	97
44) Trichloroethene	9.11	130	74555	20.611	ug/l	94
45) 1,2-Dichloropropane	9.38	63	51187	21.521	ug/l	90
46) Dibromomethane	9.48	93	31024	20.515	ug/l	98
47) Bromodichloromethane	9.67	83	85777	20.868	ug/l	89
48) Methyl methacrylate	9.46	41	19581	18.187	ug/l	86
49) 1,4-Dioxane	9.46	88	7021	457.324	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	104564	104.851	ug/l	100
52) Toluene	10.41	92	160693	21.809	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	73235	20.803	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	86509	20.683	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	41487	20.734	ug/l	97
56) Ethyl methacrylate	10.67	69	42862	20.743	ug/l	95
57) 1,3-Dichloropropane	10.95	76	69492	21.582	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	98049	101.754	ug/l	100
59) 2-Hexanone	10.98	43	71971	103.216	ug/l	98
60) Dibromochloromethane	11.14	129	62290	21.044	ug/l	100
61) 1,2-Dibromoethane	11.25	107	40468	20.151	ug/l	94
64) Tetrachloroethene	10.88	164	66929	21.075	ug/l	93
65) Chlorobenzene	11.67	112	173311	20.982	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	70577	21.679	ug/l	99
67) Ethyl Benzene	11.75	91	295994	20.941	ug/l	98
68) m/p-Xylenes	11.86	106	241872	43.985	ug/l	96
69) o-Xylene	12.18	106	103610	21.103	ug/l	99
70) Styrene	12.20	104	185258	21.655	ug/l	98
71) Bromoform	12.37	173	36475	21.968	ug/l #	98
73) Isopropylbenzene	12.48	105	292217	20.697	ug/l	100
74) N-amyl acetate	12.29	43	36993	19.912	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	39929	20.740	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	24603m	18.669	ug/l	
77) Bromobenzene	12.77	156	69608	20.075	ug/l	95
78) n-propylbenzene	12.83	91	343870	21.293	ug/l	99
79) 2-Chlorotoluene	12.91	91	194395	21.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	255610	21.193	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	12978	19.993	ug/l	98
82) 4-Chlorotoluene	13.01	91	209669	21.311	ug/l	100
83) tert-Butylbenzene	13.23	119	224633	21.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	260988	21.739	ug/l	99
85) sec-Butylbenzene	13.40	105	294788	21.363	ug/l	99
86) p-Isopropyltoluene	13.52	119	278120	20.872	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	142591	21.552	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	139622	20.841	ug/l	97
89) n-Butylbenzene	13.84	91	243269	21.136	ug/l	99
90) Hexachloroethane	14.11	117	51527	20.534	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	118569	20.707	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7387	21.671	ug/l	98

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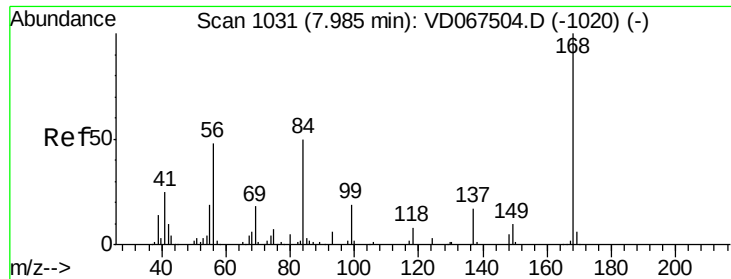
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	79554	20.470	ug/l	98
94) Hexachlorobutadiene	15.27	225	53783	20.677	ug/l	98
95) Naphthalene	15.40	128	119967	20.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	67913	20.406	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:168 Resp: 318484

Ion Ratio Lower Upper

168 100

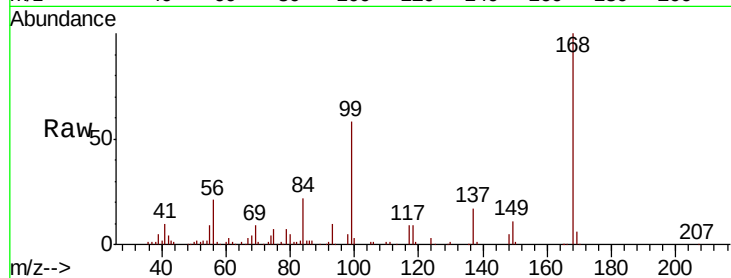
99 57.8 45.0 67.6

Manual Integrations

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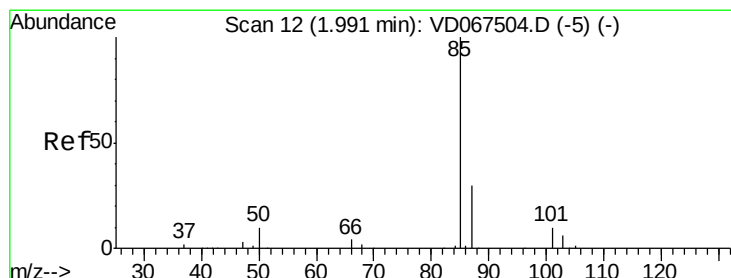
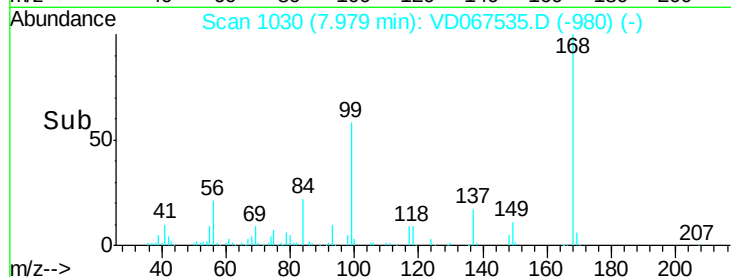
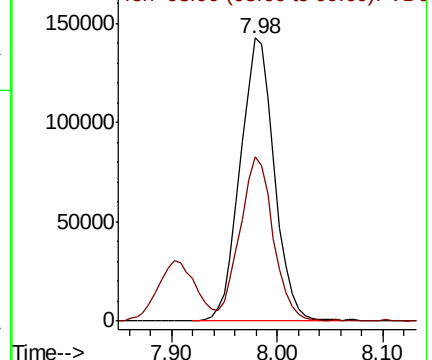
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.461 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067535.D

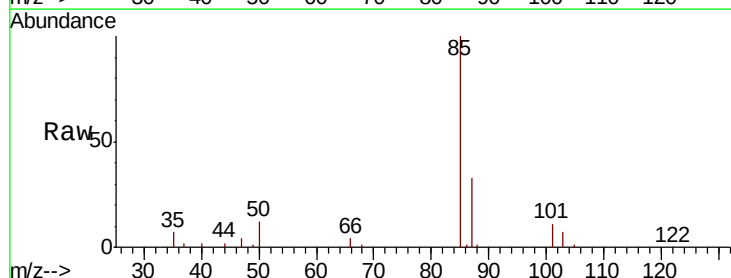
Acq: 05 Nov 2020 10:58

Tgt Ion: 85 Resp: 64364

Ion Ratio Lower Upper

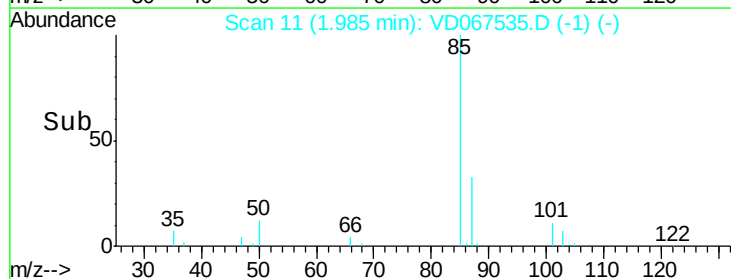
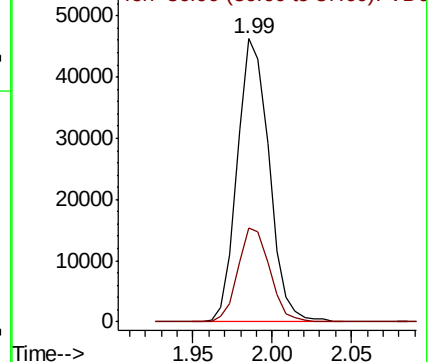
85 100

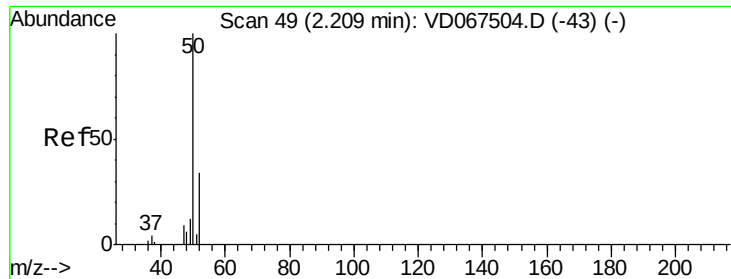
87 33.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.563 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 50 Resp: 42766

Ion Ratio Lower Upper

50 100

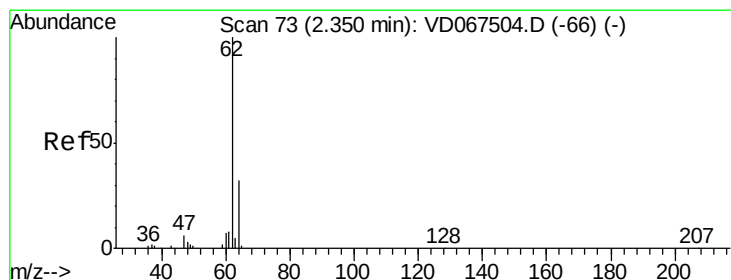
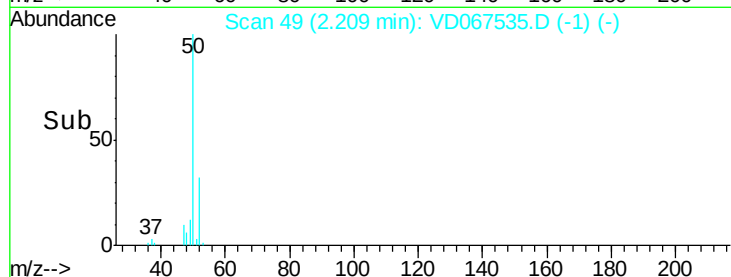
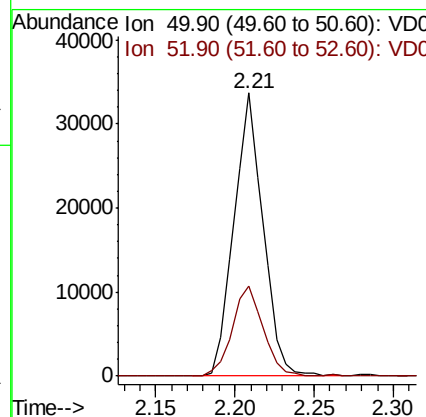
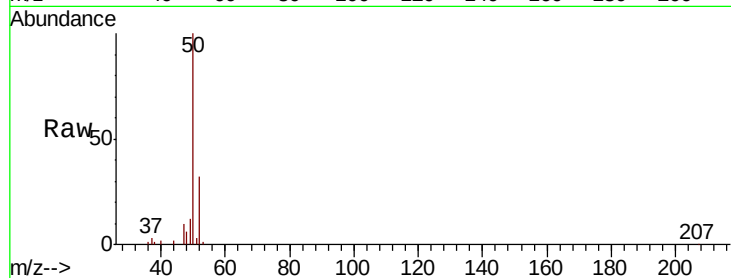
52 31.6 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.323 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067535.D

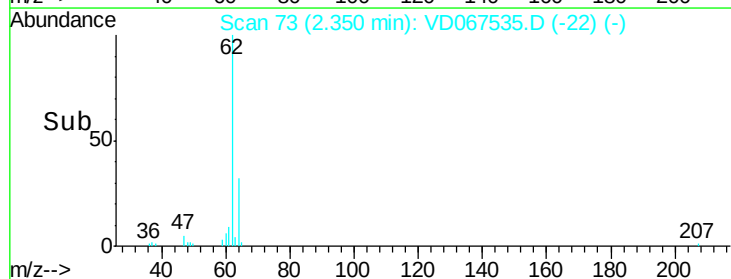
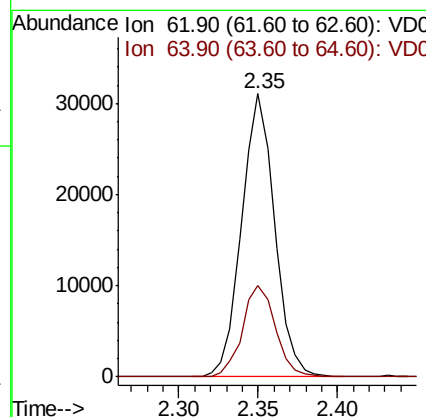
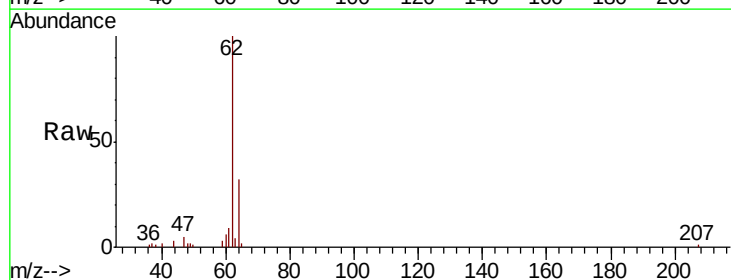
Acq: 05 Nov 2020 10:58

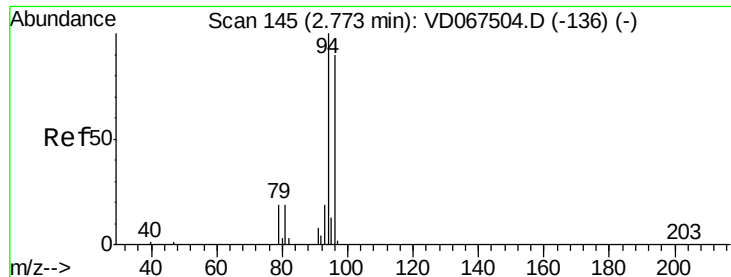
Tgt Ion: 62 Resp: 44937

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 19.163 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 94 Resp: 34343

Ion Ratio Lower Upper

94 100

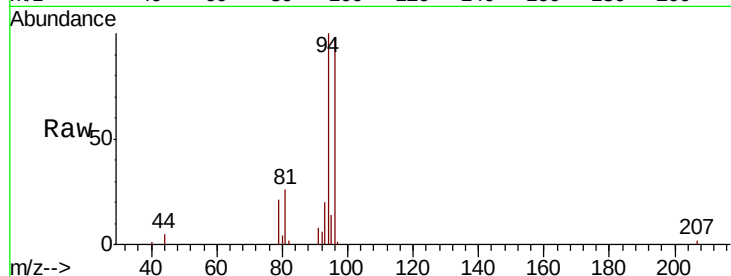
96 97.6 72.2 108.2

Manual Integrations

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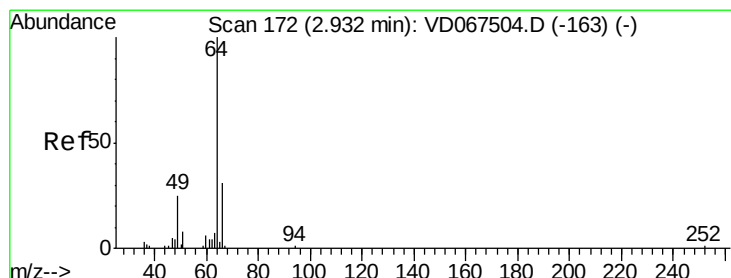
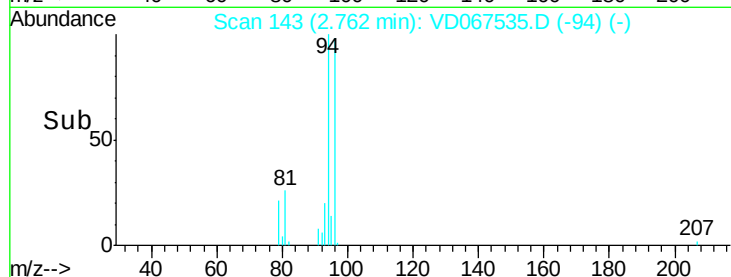
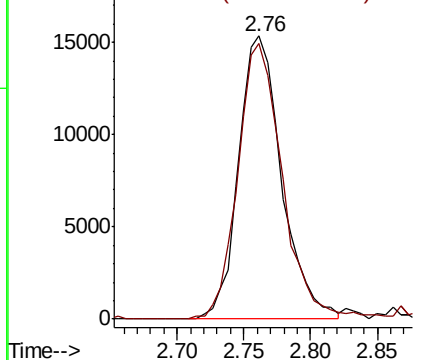
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.521 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067535.D

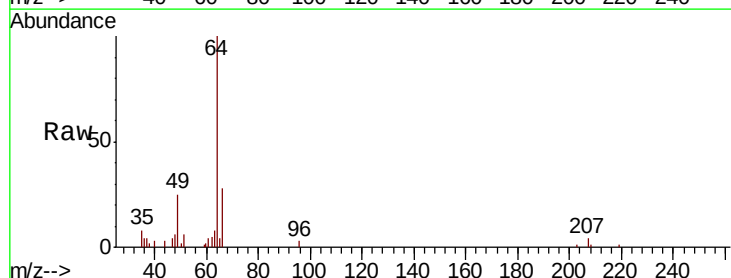
Acq: 05 Nov 2020 10:58

Tgt Ion: 64 Resp: 27974

Ion Ratio Lower Upper

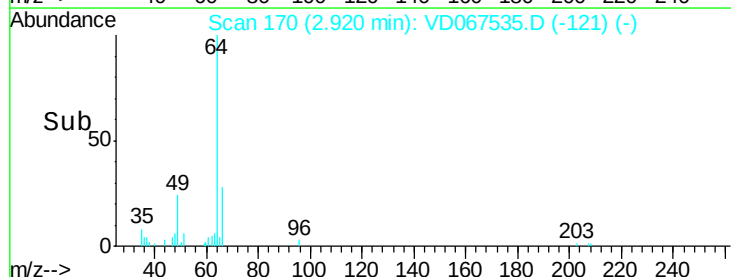
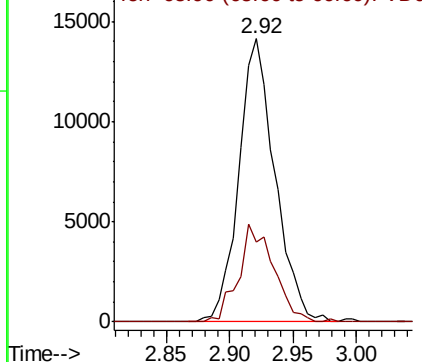
64 100

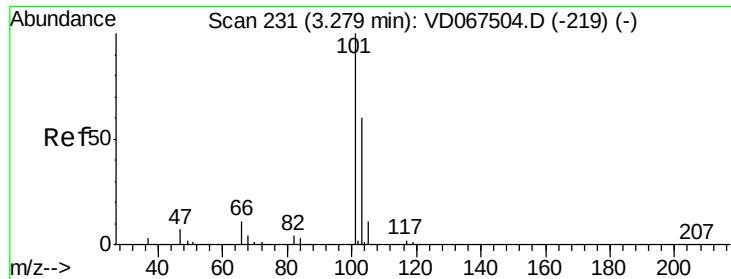
66 28.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

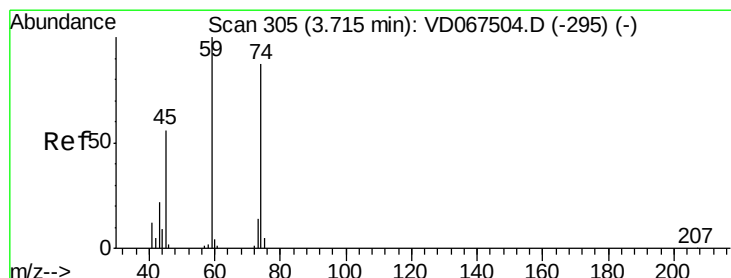
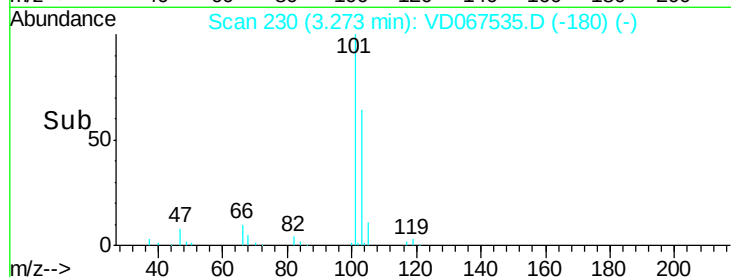
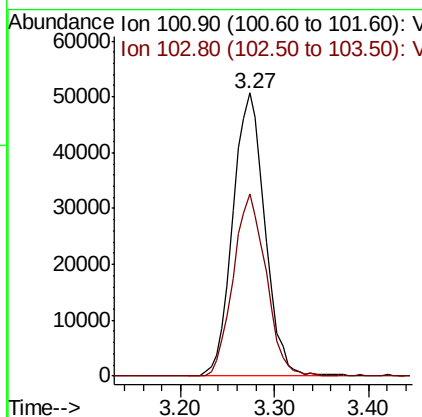
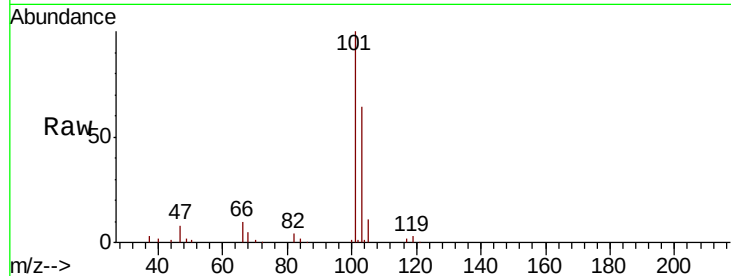
Trichlorofluoromethane
Concen: 20.908 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067535.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	48.1	72.1

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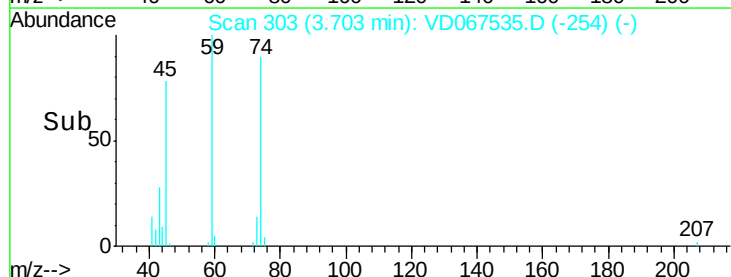
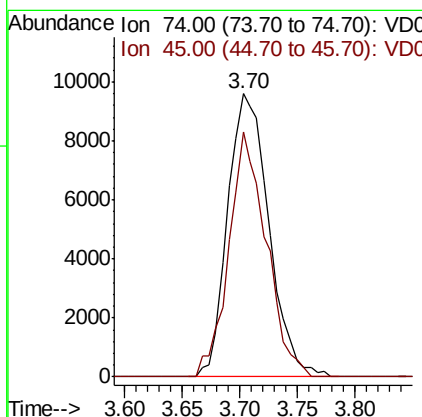
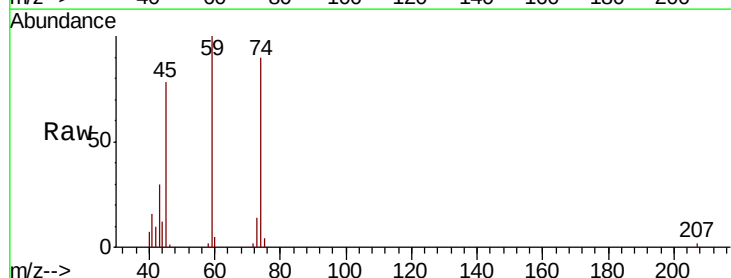
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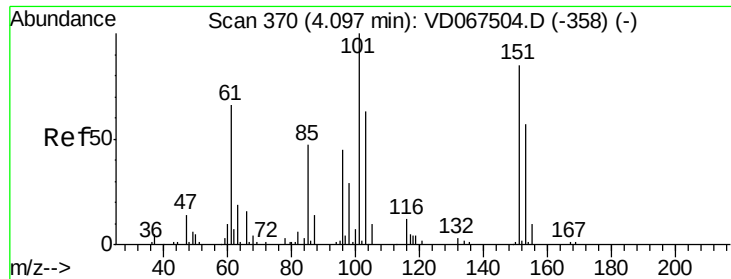


#8

Diethyl Ether
Concen: 20.561 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.8	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.883 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067535.D

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Instrument :

MSVOA_D

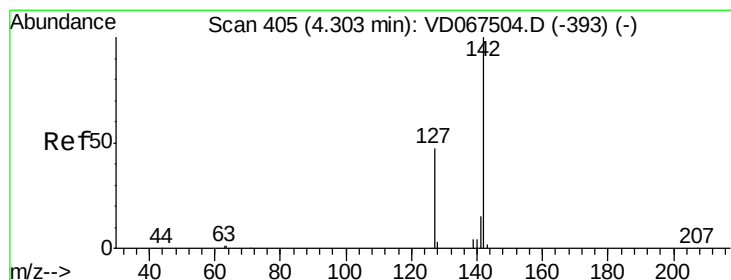
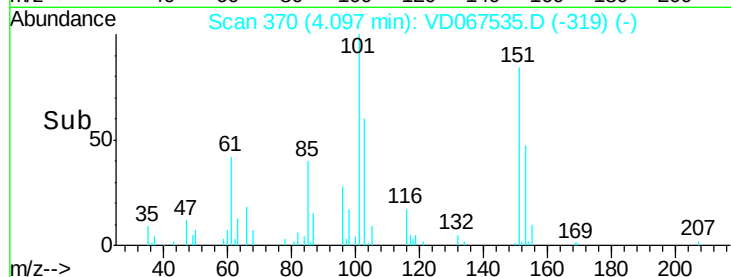
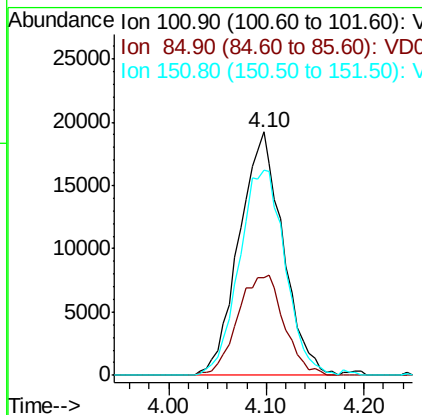
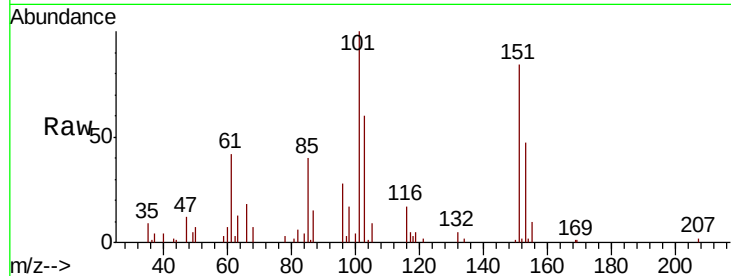
ClientSampleId :

VD1105SBS01

Tot Ion:	101	Resp:	60351
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.4	51.6
151	88.3	68.1	102.1

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#10

Methyl Iodide

Concen: 18.176 ug/l

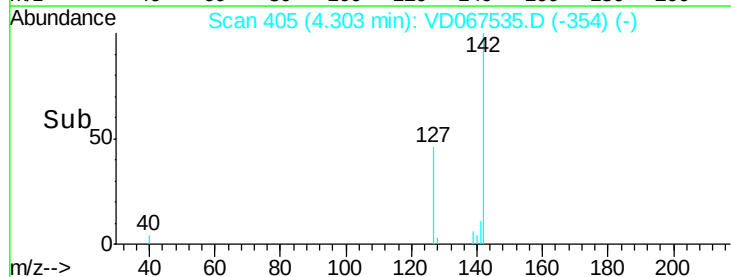
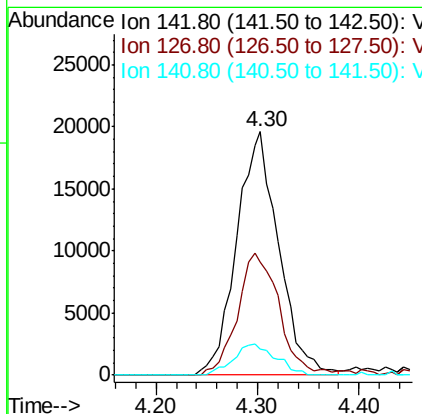
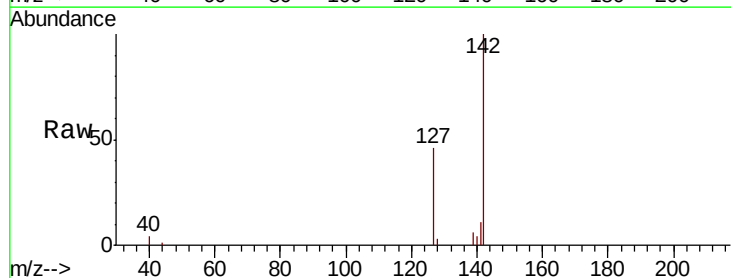
RT: 4.30 min Scan# 405

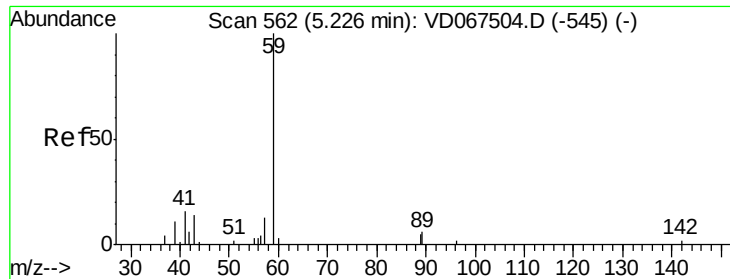
Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	142	Resp:	56298
Ion Ratio	Lower	Upper	
142	100		
127	49.3	40.0	60.0
141	12.9	11.7	17.5





#11

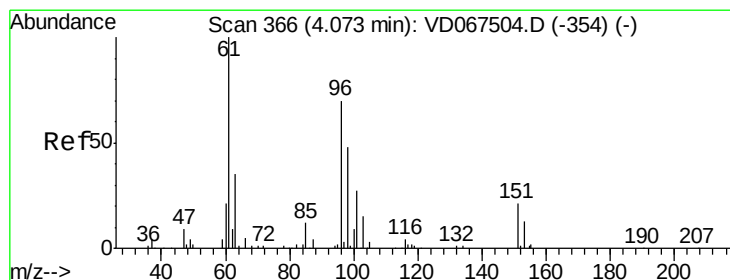
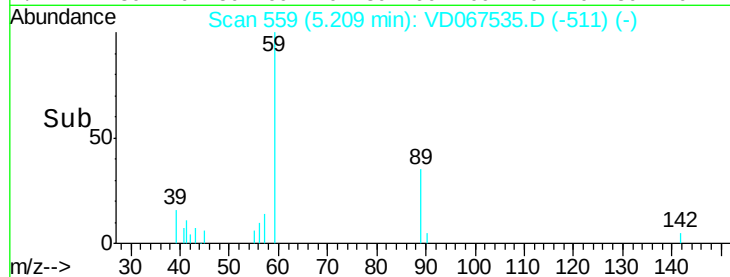
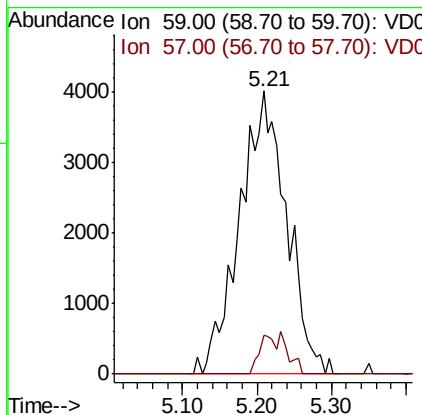
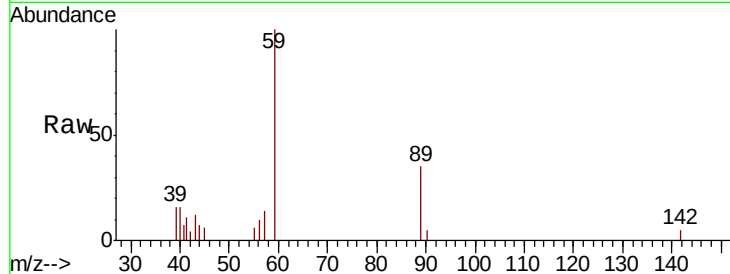
Tert butyl alcohol
Concen: 136.794 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	5.9	8.9#

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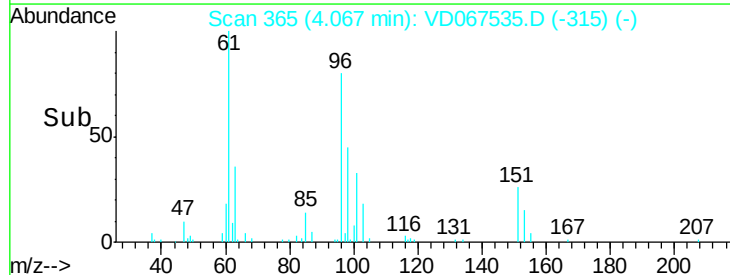
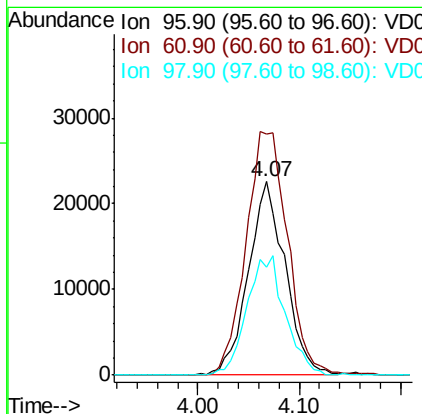
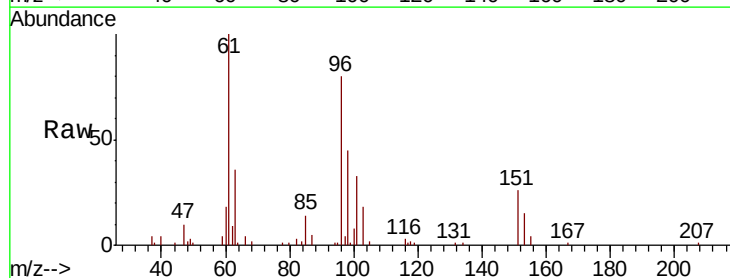
MMDadoda
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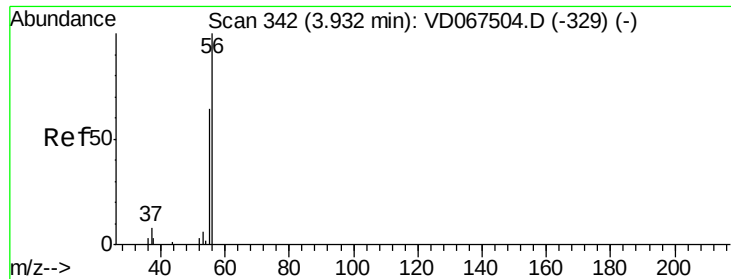


#12

1,1-Dichloroethene
Concen: 21.365 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.9	114.5	171.7
98	55.8	54.5	81.7





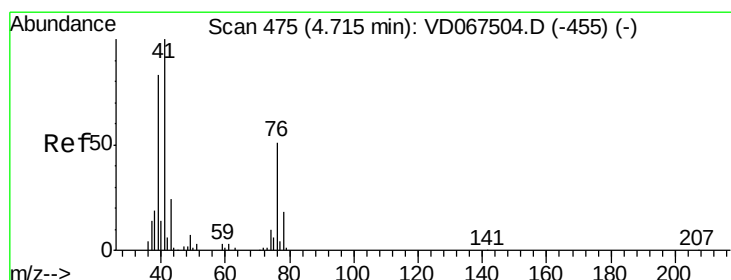
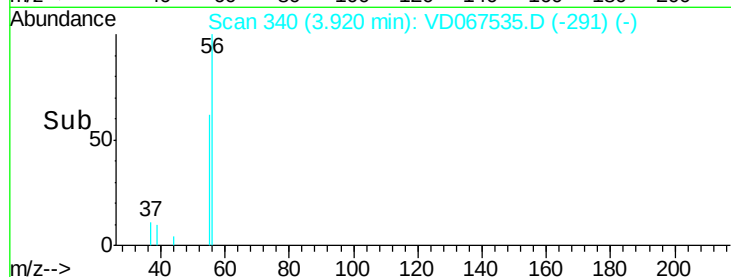
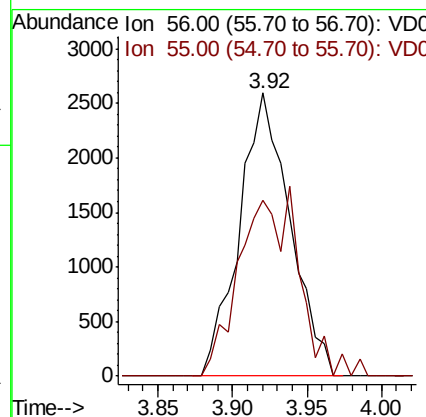
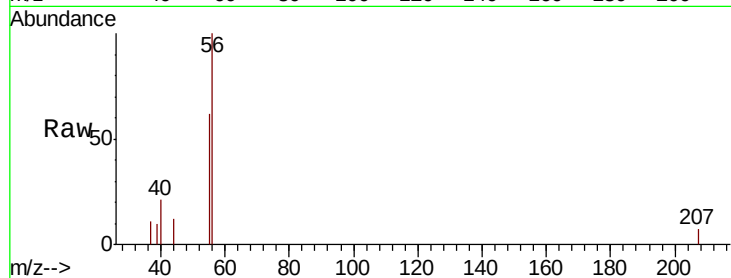
#13
Acrolein
Concen: 72.301 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	76.3	55.8	83.8

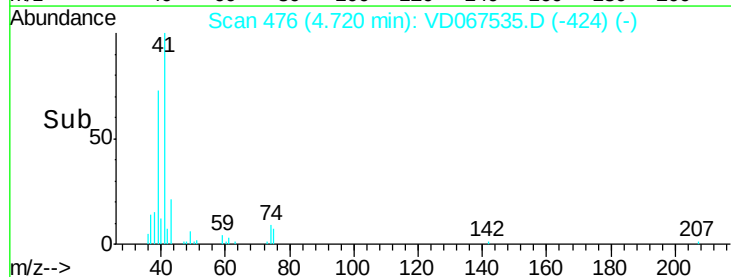
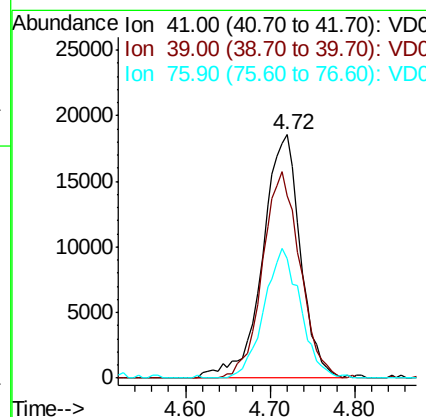
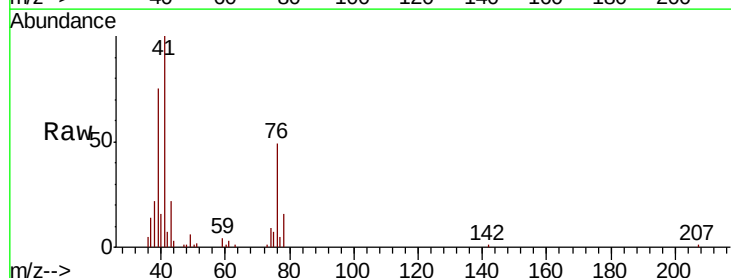
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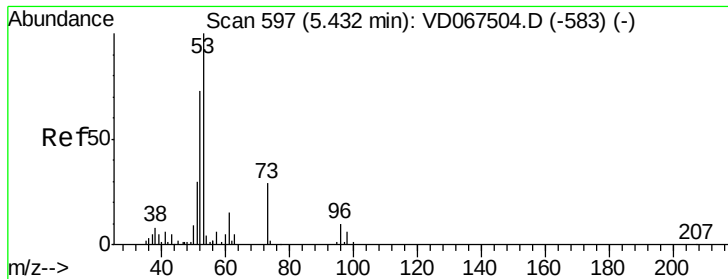
MMDadoda
11/6/2020 9:24:29 AM



#14
Allyl chloride
Concen: 20.196 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
41	100		
39	84.4	67.4	101.0
76	51.7	42.2	63.2





#15

Acrylonitrile

Concen: 101.413 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

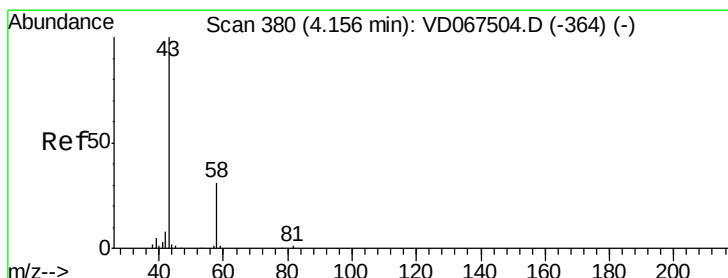
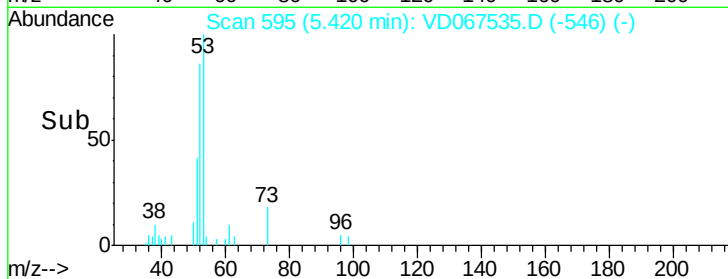
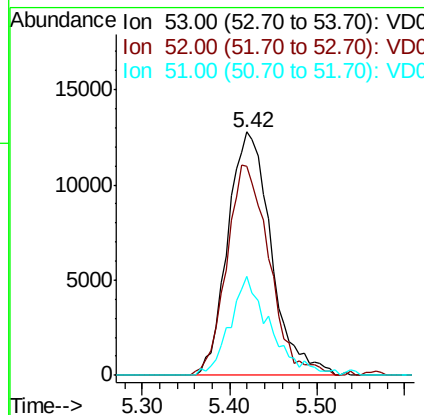
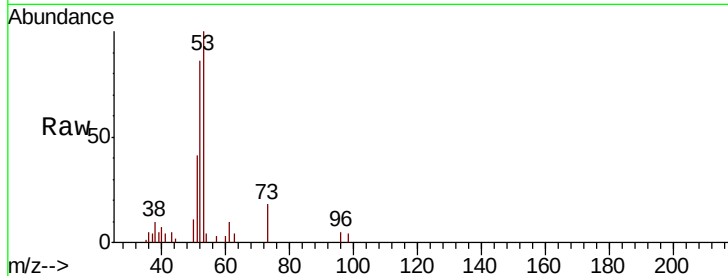
ClientSampleId :

VD1105SBS01

Tot Ion:	53	Resp:	43247
Ion	Ratio	Lower	Upper
53	100		
52	84.6	64.8	97.2
51	37.9	29.5	44.3

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#16

Acetone

Concen: 87.848 ug/l

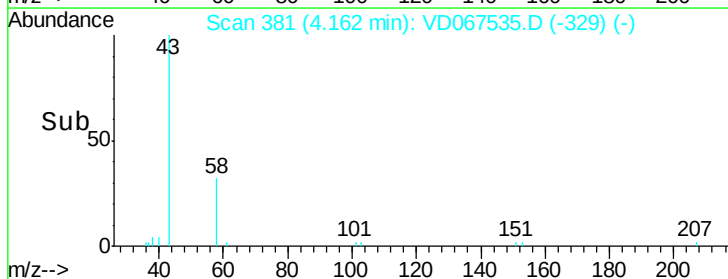
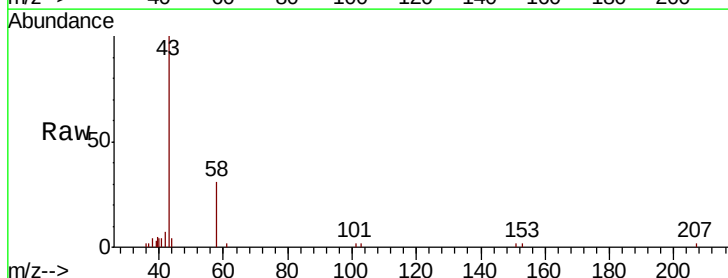
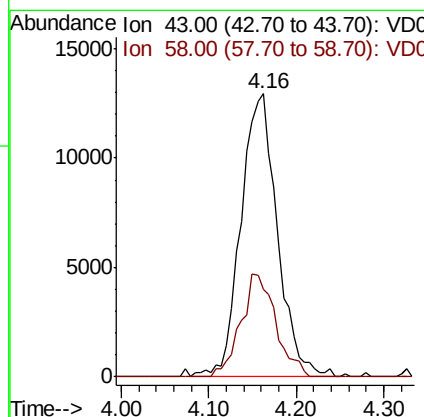
RT: 4.16 min Scan# 381

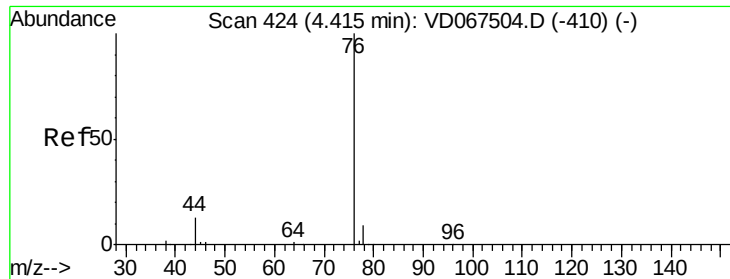
Delta R.T. 0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	43	Resp:	36609
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.2	37.8





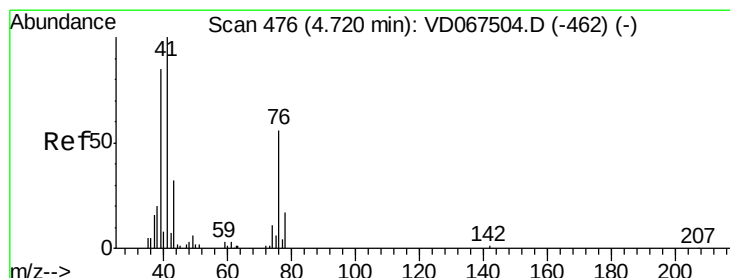
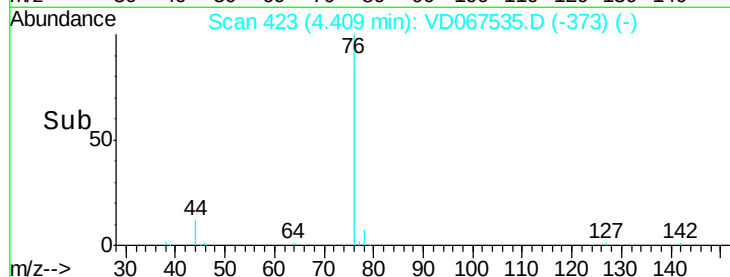
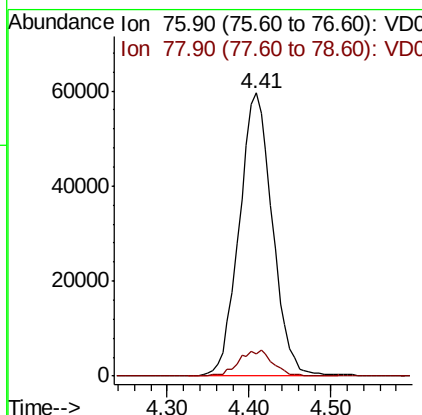
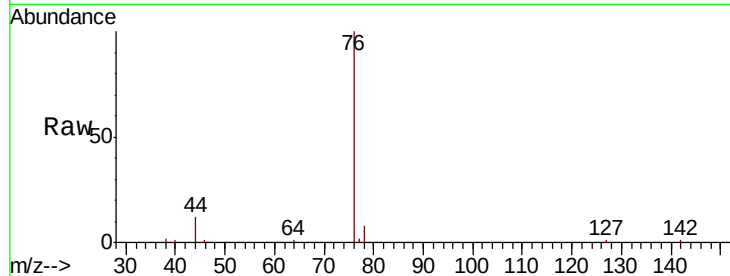
#17
Carbon Disulfide
Concen: 20.680 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.2	10.8

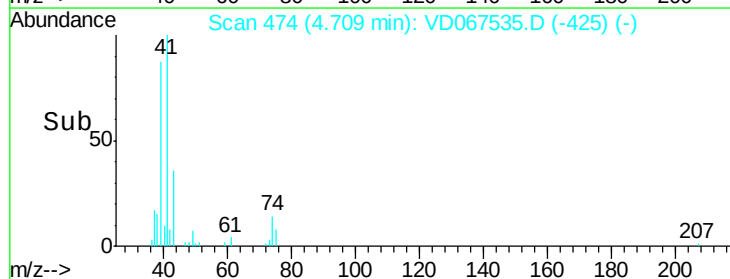
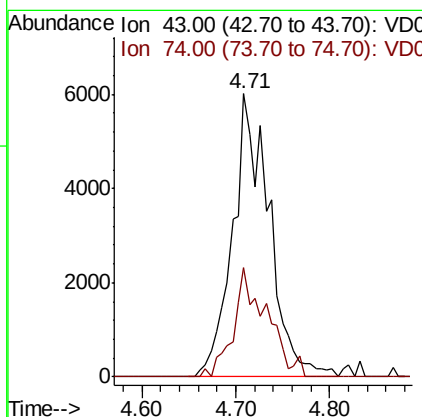
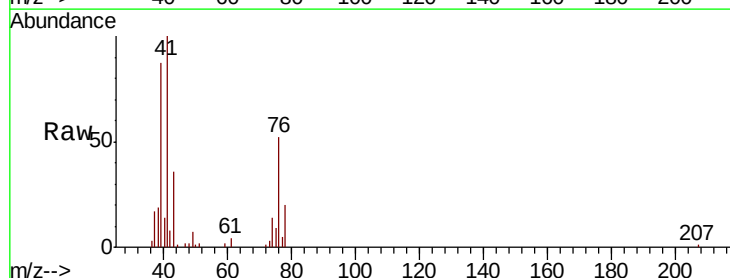
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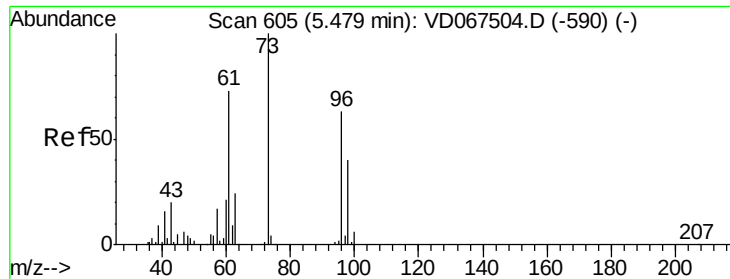
MMDadoda
11/6/2020 9:24:29 AM



#18
Methyl Acetate
Concen: 18.783 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	35.2	27.2	40.8





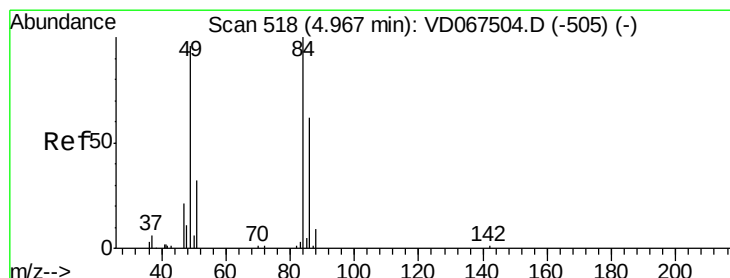
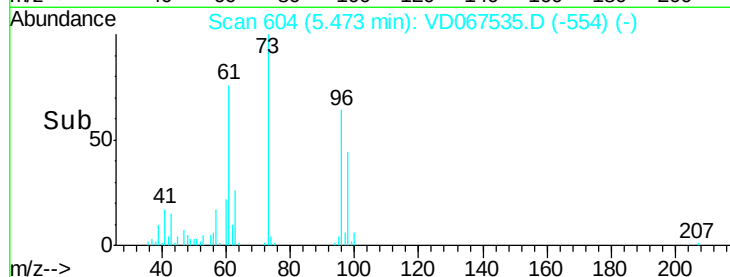
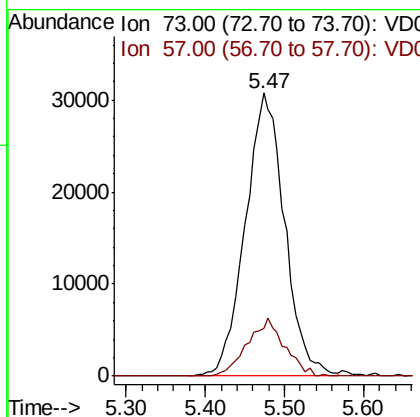
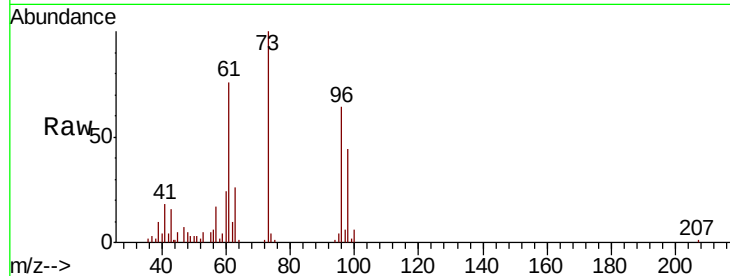
#19
Methyl tert-butyl Ether
Concen: 20.205 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 73 Resp: 105944
Ion Ratio Lower Upper
73 100
57 16.8 13.4 20.0

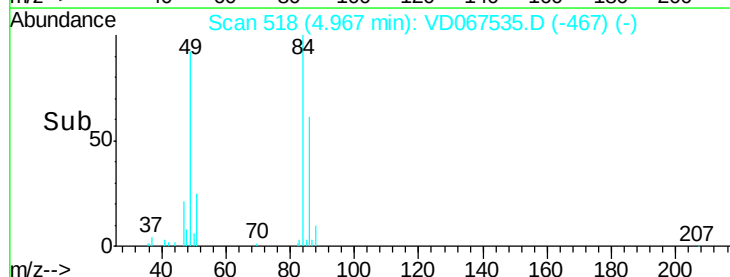
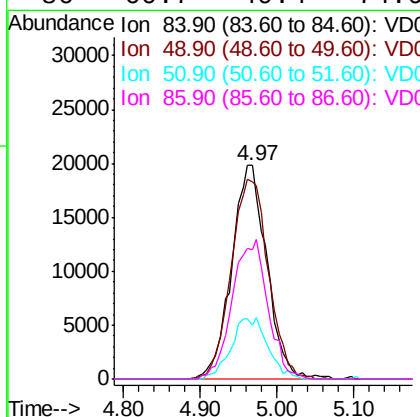
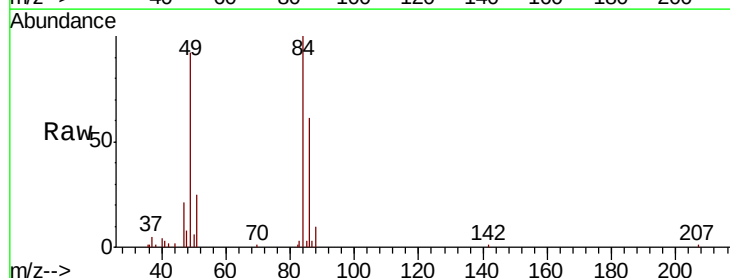
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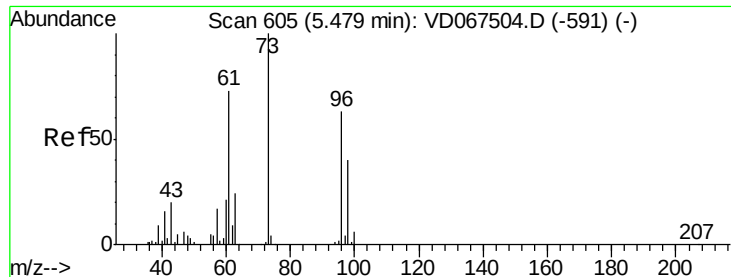
MMDadoda
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#20
Methylene Chloride
Concen: 21.482 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 84 Resp: 63237
Ion Ratio Lower Upper
84 100
49 92.3 77.0 115.4
51 25.4 25.4 38.2#
86 60.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

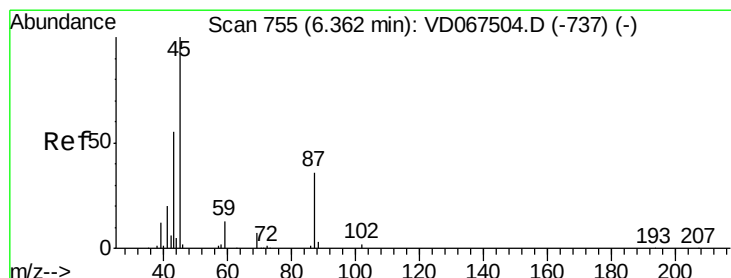
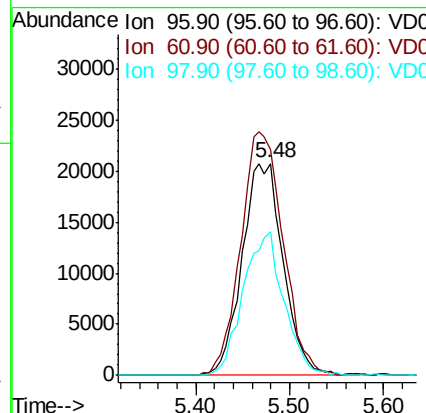
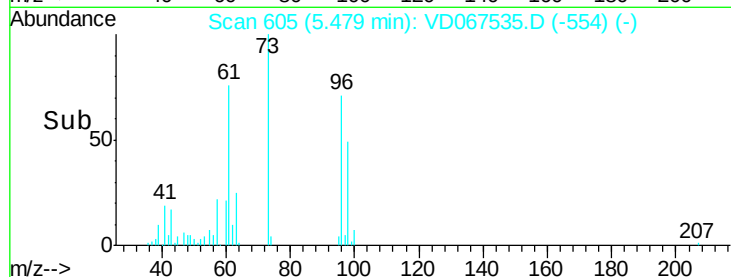
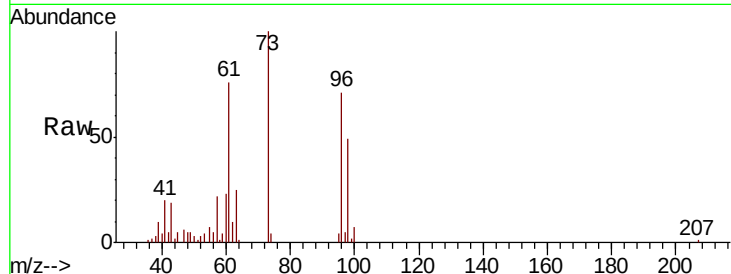
ClientSampleId :

VD1105SBS01

Tot Ion:	96	Resp:	62800
Ion	Ratio	Lower	Upper
96	100		
61	106.4	93.0	139.6
98	68.1	50.9	76.3

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#22

Diisopropyl ether

Concen: 21.396 ug/l

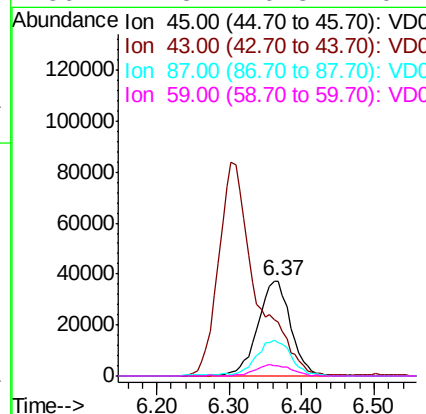
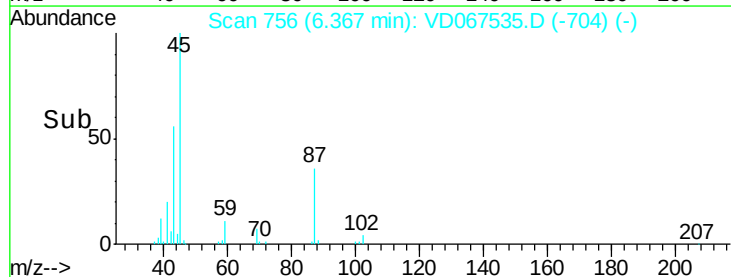
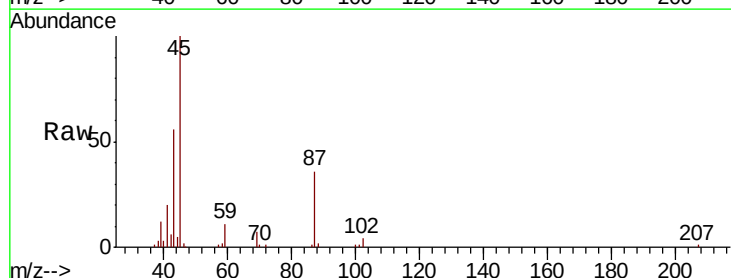
RT: 6.37 min Scan# 756

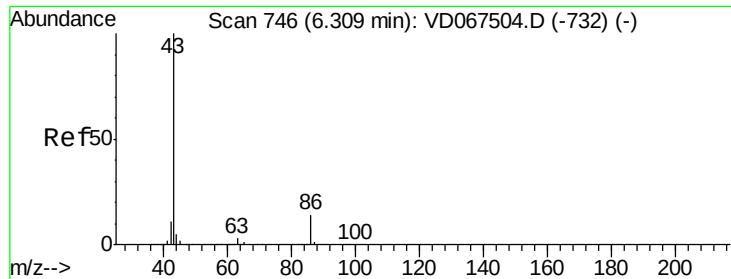
Delta R.T. 0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	45	Resp:	118620
Ion	Ratio	Lower	Upper
45	100		
43	54.8	46.2	69.4
87	35.6	29.4	44.2
59	11.3	10.8	16.2





#23

Vinyl Acetate

Concen: 102.742 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 43 Resp: 298162

Ion Ratio Lower Upper

43 100

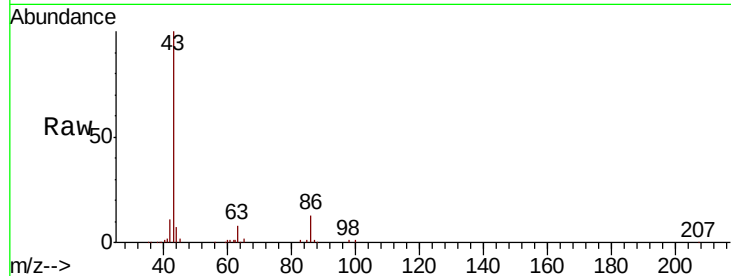
86 13.1 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

80000

60000

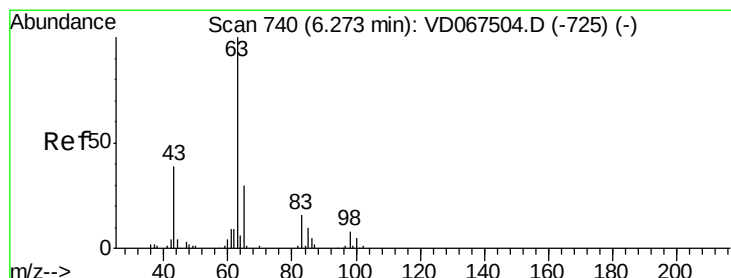
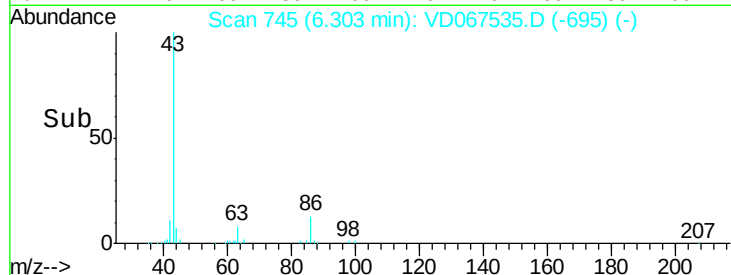
40000

20000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 20.875 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

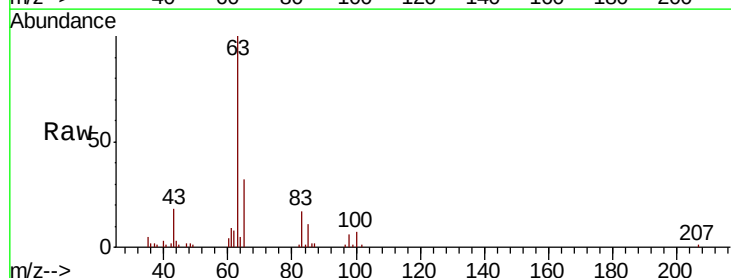
Tgt Ion: 63 Resp: 94679

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 7.0 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

40000

30000

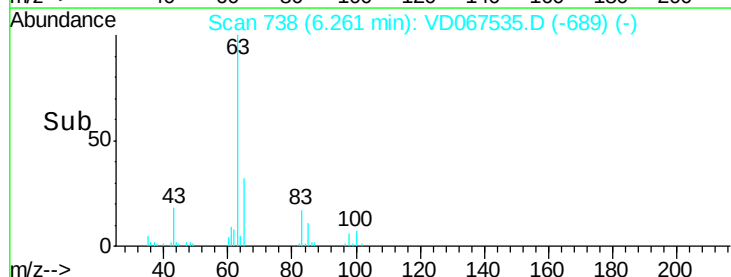
20000

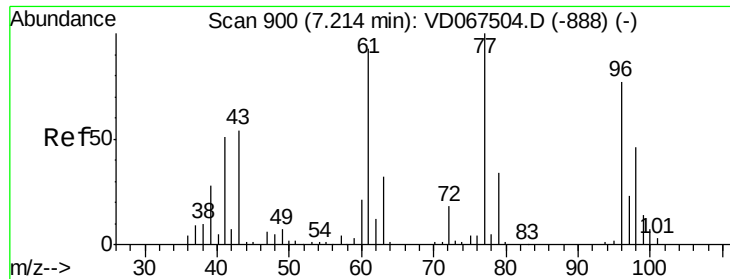
10000

0

Time-->

6.10 6.20 6.30 6.40





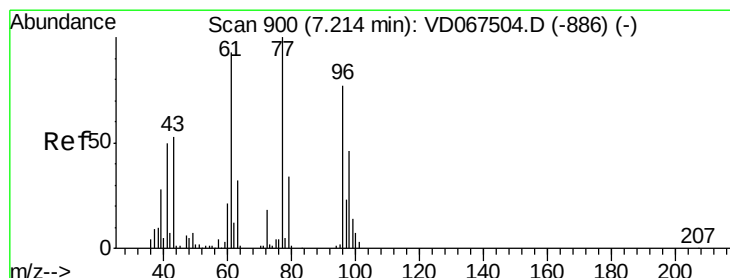
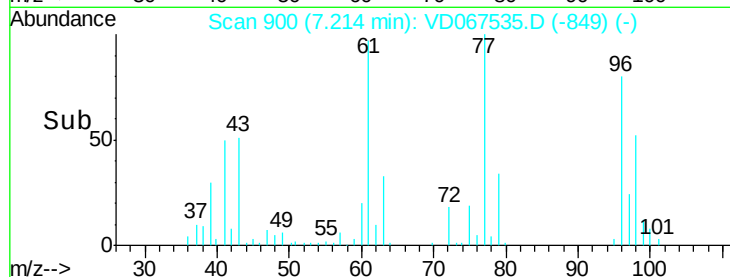
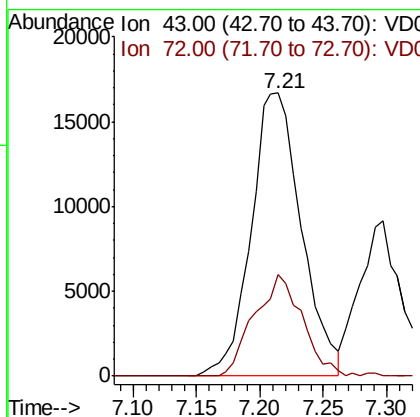
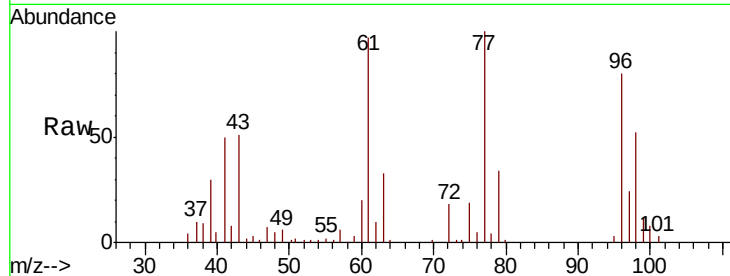
#25
2-Butanone
Concen: 103.702 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 43 Resp: 46177
Ion Ratio Lower Upper
43 100
72 35.7 26.4 39.6

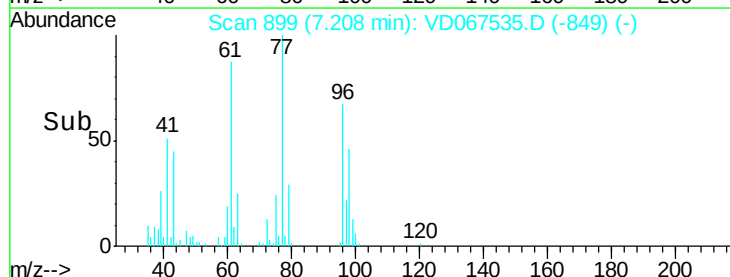
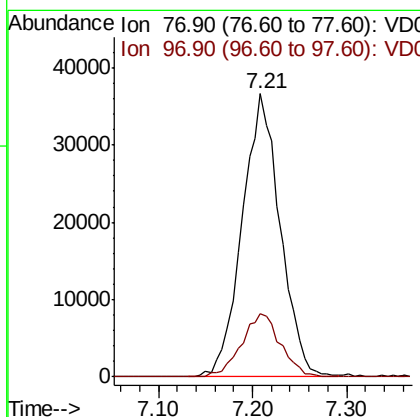
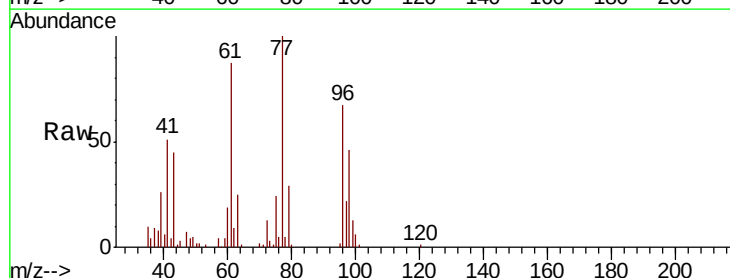
Manual Integrations
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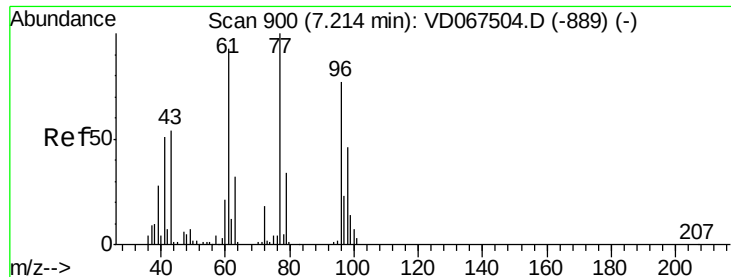
MMDadoda
11/6/2020 9:24:29 AM



#26
2,2-Dichloropropane
Concen: 21.369 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 77 Resp: 102289
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.3





#27

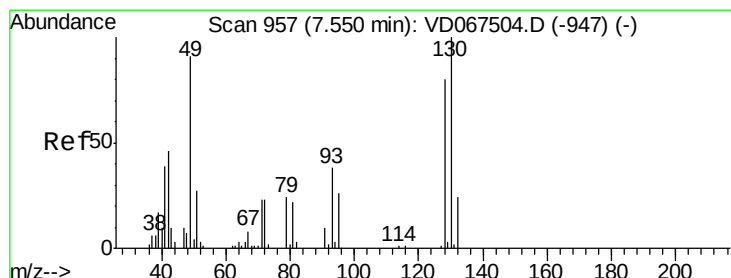
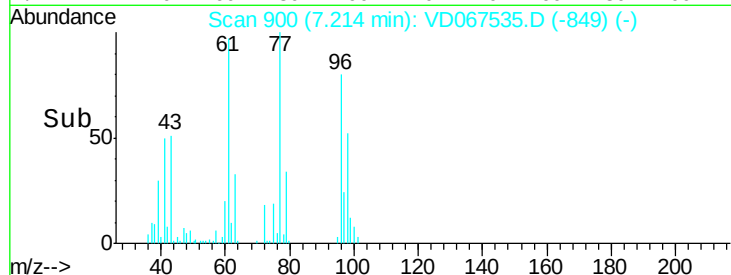
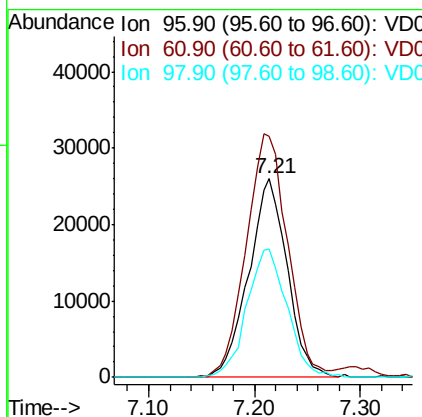
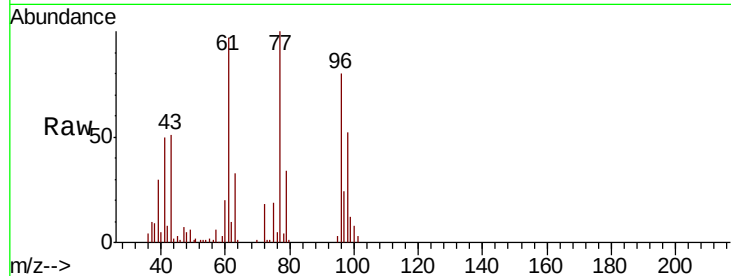
cis-1,2-Dichloroethene
Concen: 20.544 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	251.6
98	67.1	0.0	128.0

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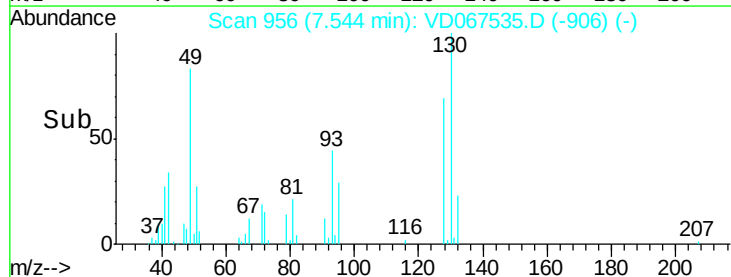
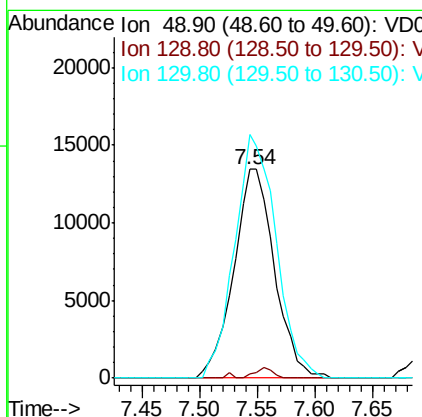
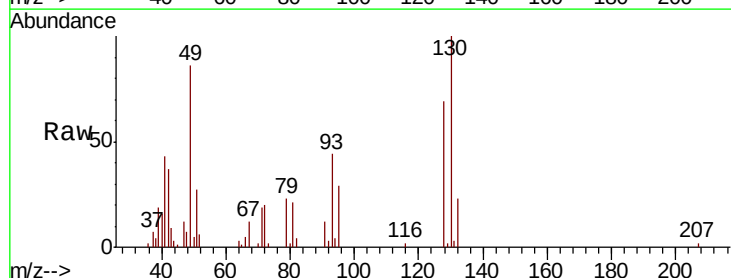
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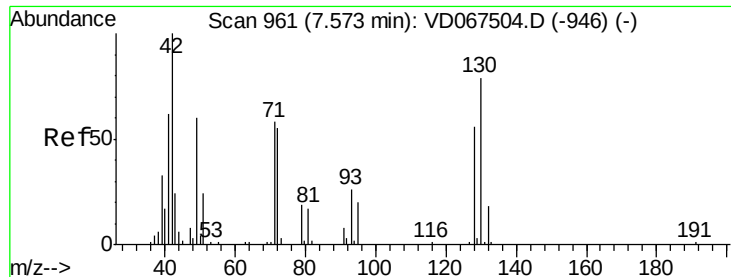


#28

Bromochloromethane
Concen: 20.491 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	6.4
130	118.7	94.6	142.0





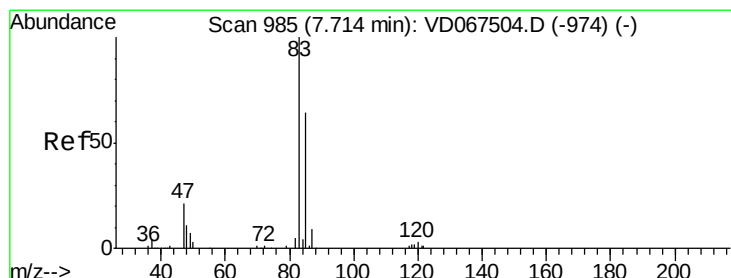
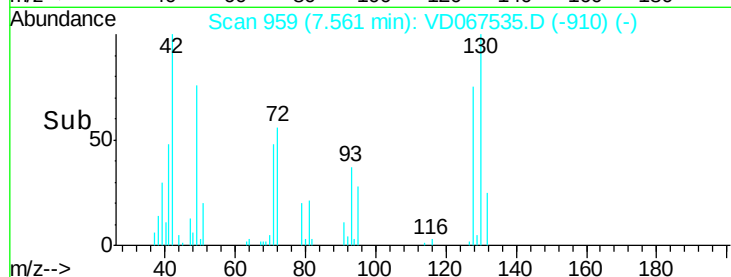
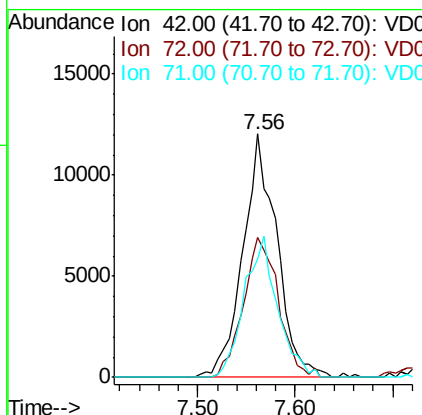
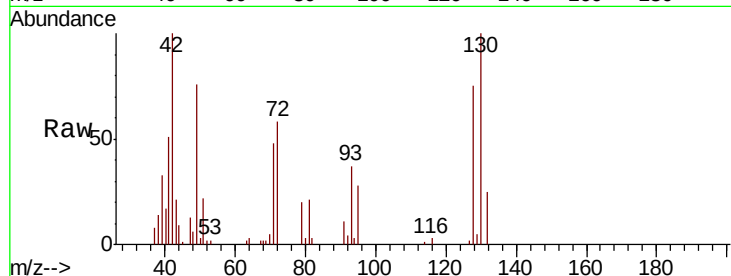
#29
Tetrahydrofuran
Concen: 109.332 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	59.8	46.3	69.5
71	57.0	44.0	66.0

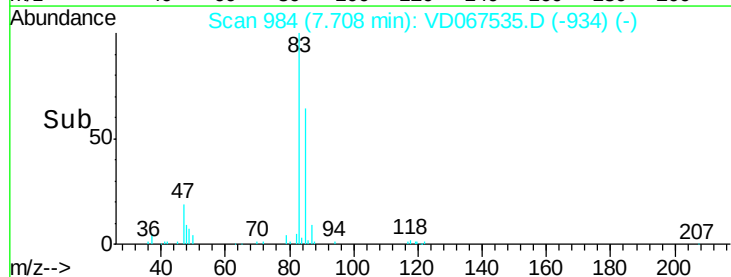
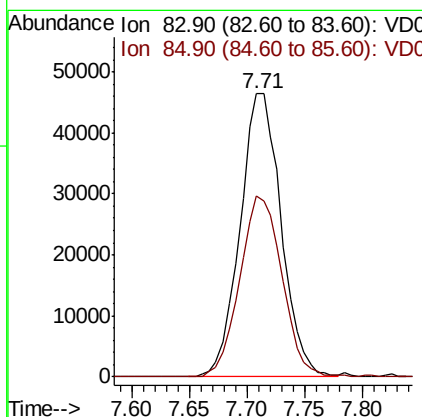
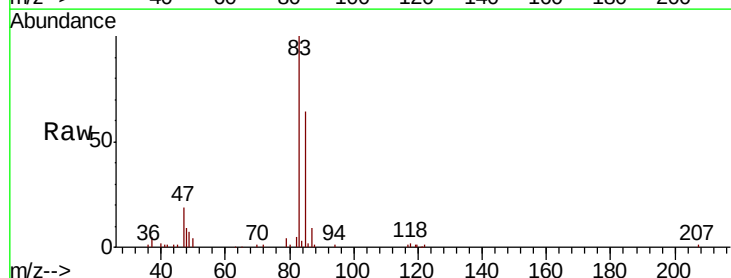
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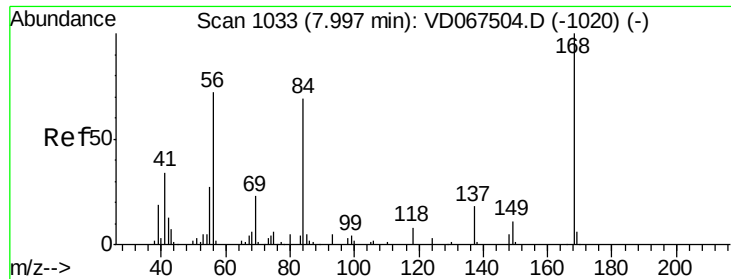
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#30
Chloroform
Concen: 21.280 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





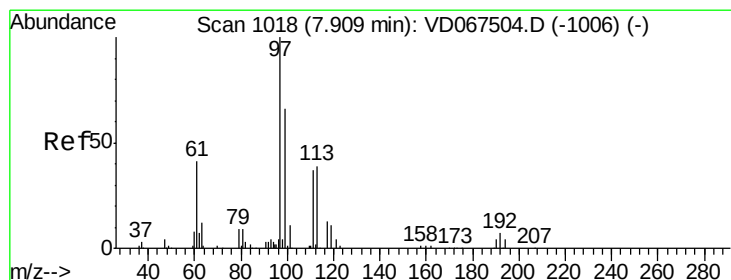
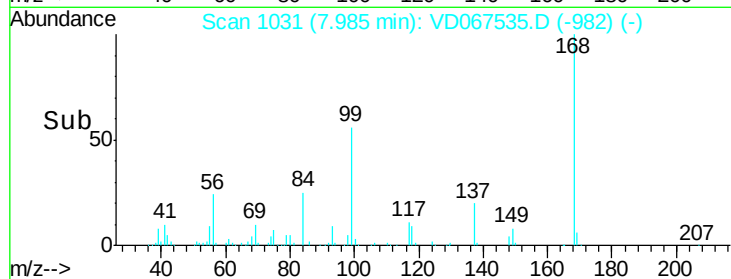
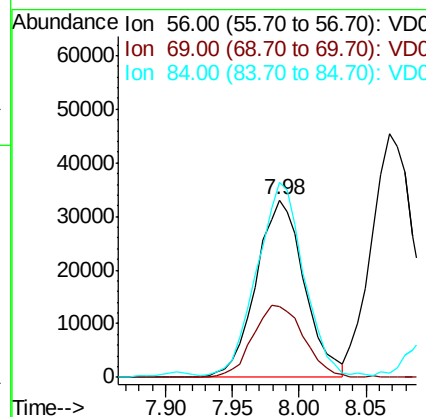
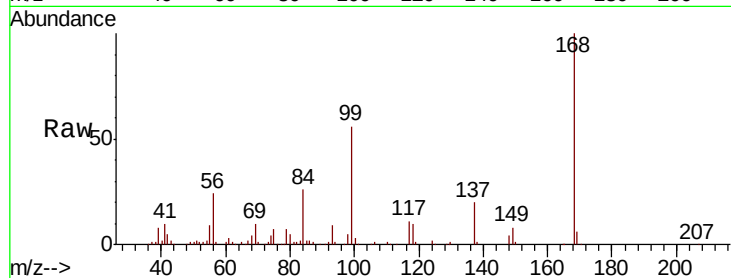
#31
Cyclohexane
Concen: 20.552 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	25.9	38.9#
84	108.1	76.2	114.4

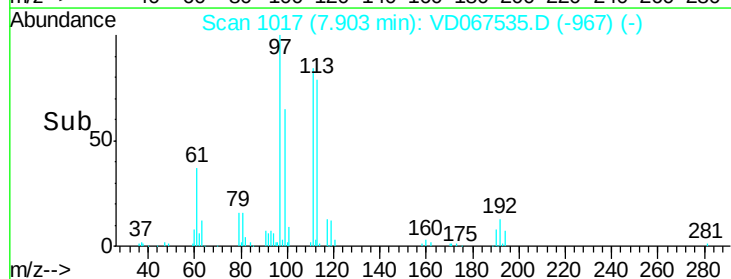
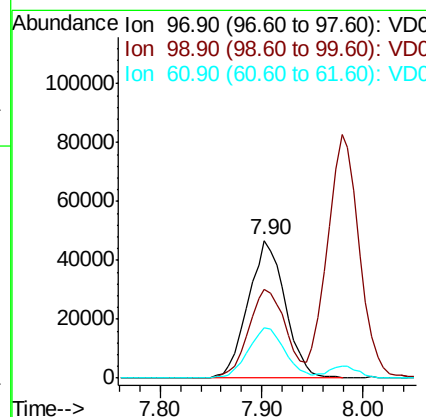
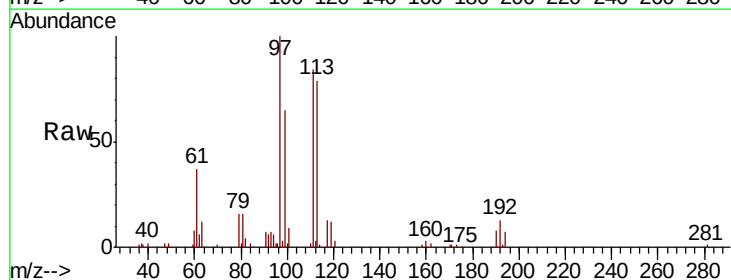
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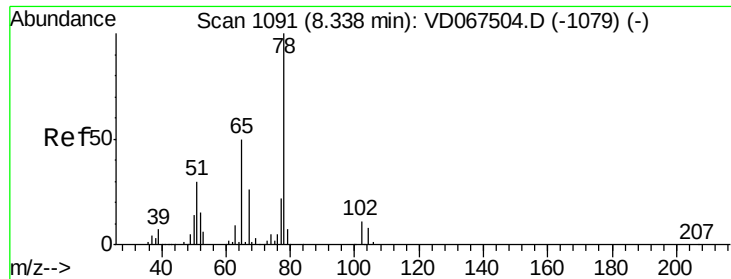
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#32
1,1,1-Trichloroethane
Concen: 21.257 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.6
61	36.5	30.5	45.7





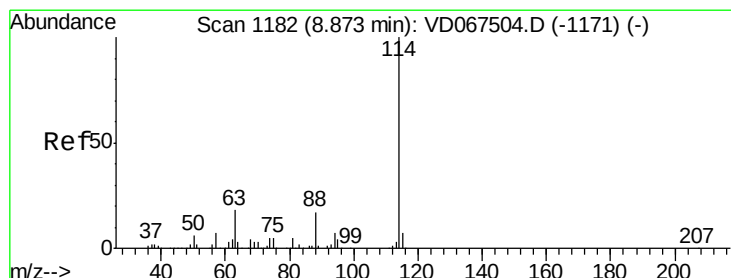
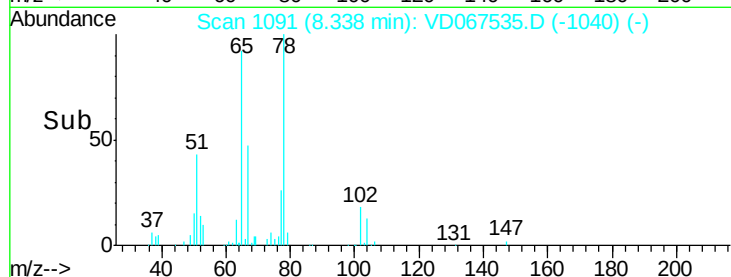
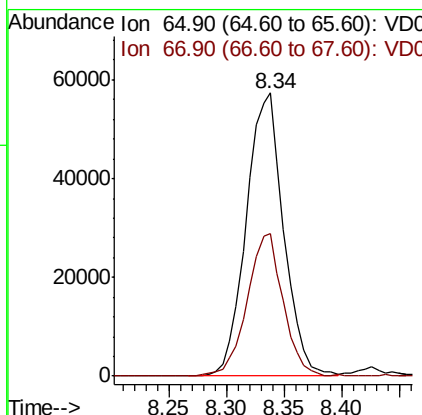
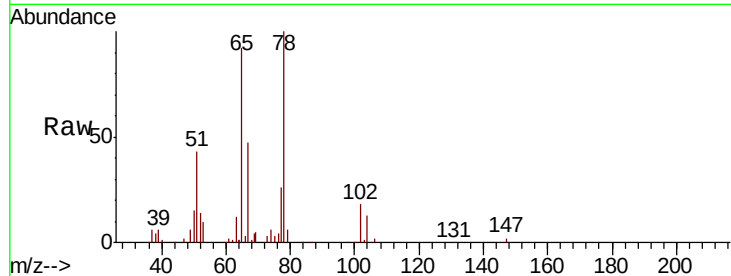
#33
 1,2-Dichloroethane-d4
 Concen: 46.518 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129543		
67	48.4	0.0	99.4	

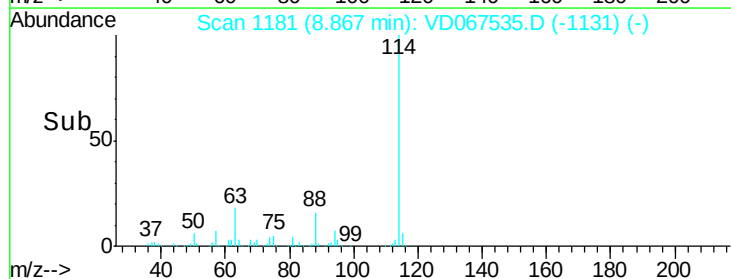
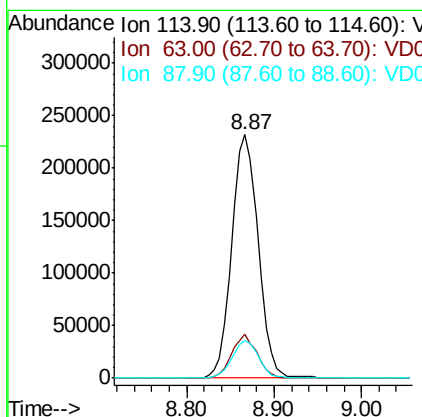
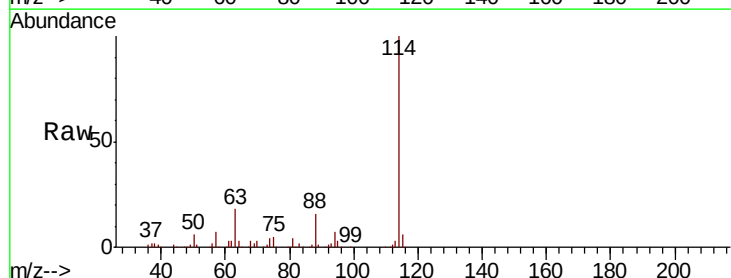
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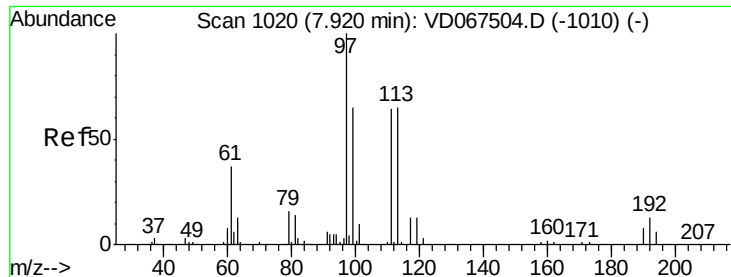
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	474450		
63	17.9	0.0	35.0	
88	15.7	0.0	33.0	





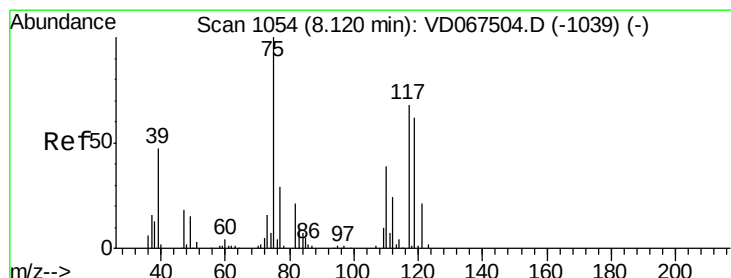
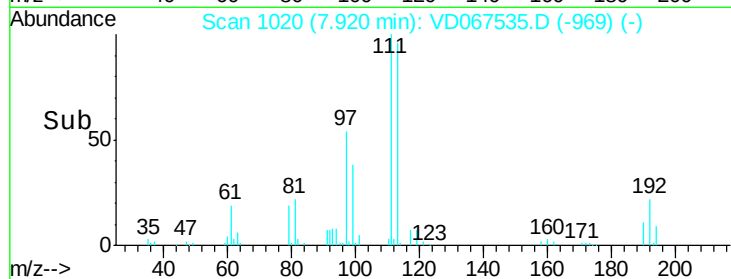
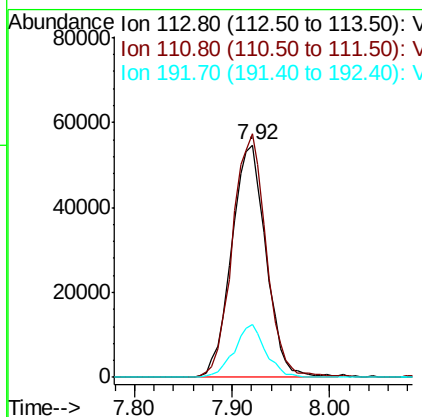
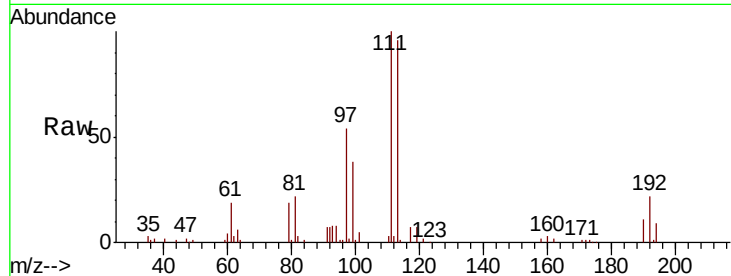
#35
 Dibromofluoromethane
 Concen: 46.990 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion:	113	Resp:	134322
Ion Ratio	Lower	Upper	
113	100		
111	102.7	80.0	120.0
192	20.7	16.3	24.5

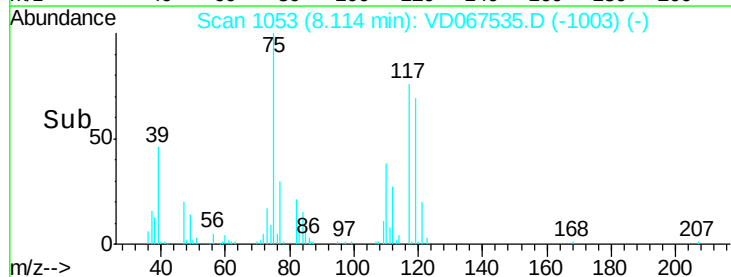
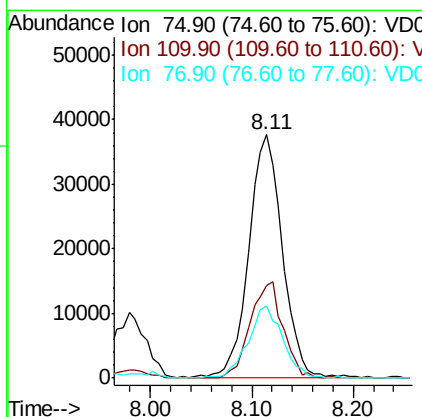
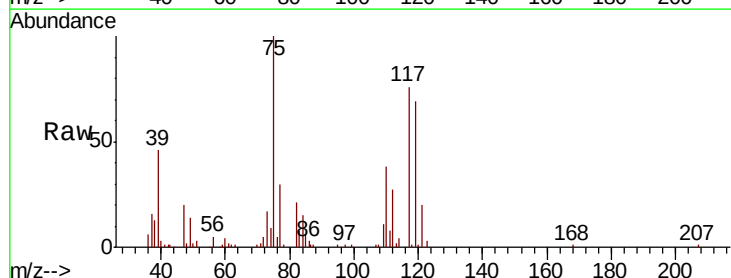
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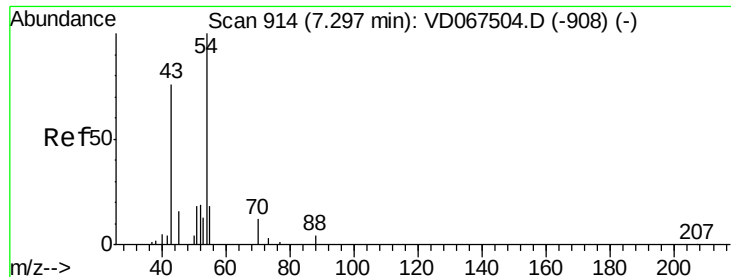
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#36
 1,1-Dichloropropene
 Concen: 21.283 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion:	75	Resp:	86436
Ion Ratio	Lower	Upper	
75	100		
110	38.3	19.9	59.7
77	30.5	24.8	37.2





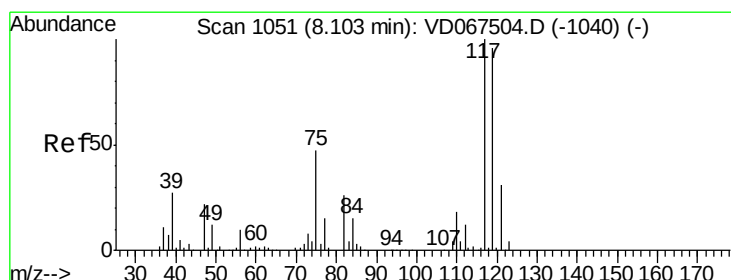
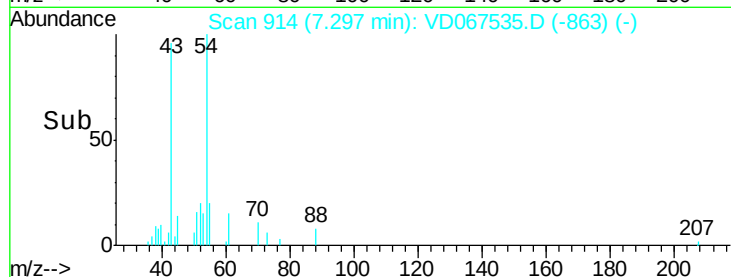
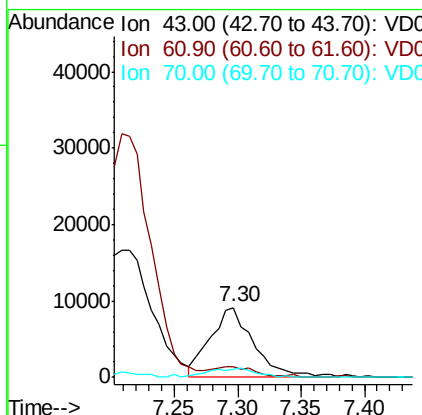
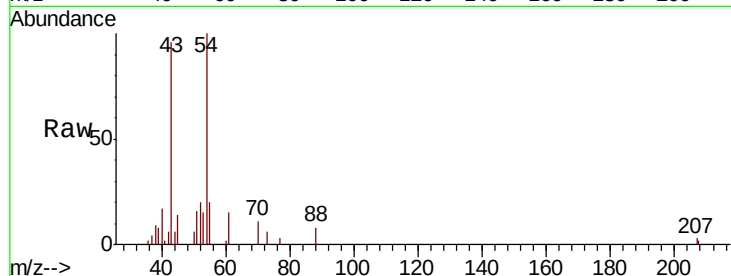
#37
Ethyl Acetate
Concen: 20.847 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.8	19.2
70	14.1	11.7	17.5

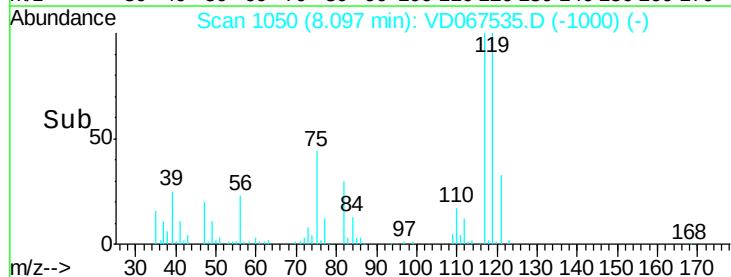
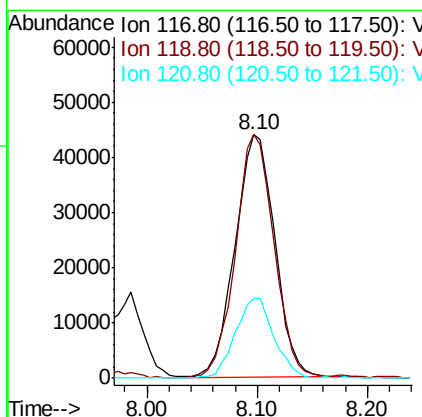
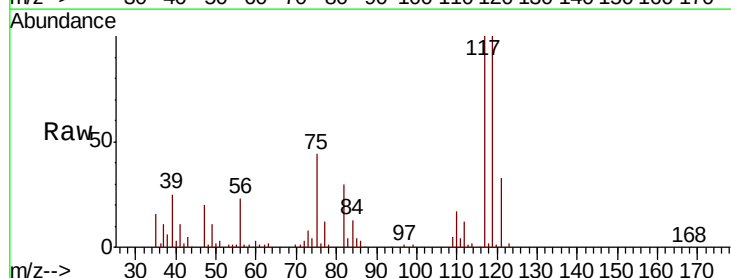
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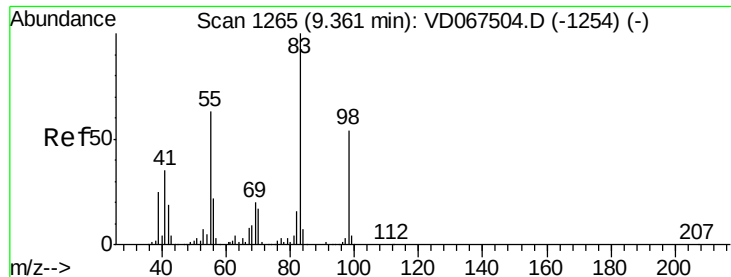
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#38
Carbon Tetrachloride
Concen: 21.094 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.9	115.3
121	33.1	24.5	36.7





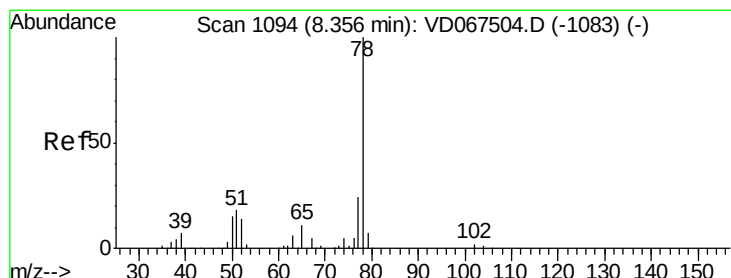
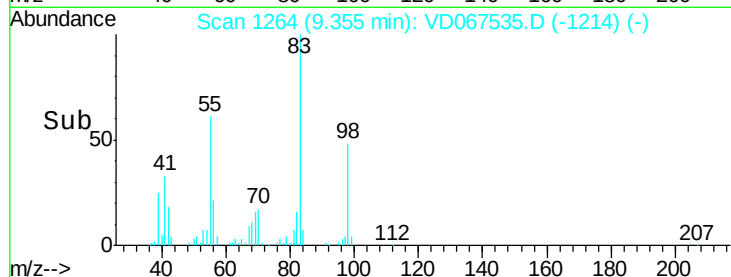
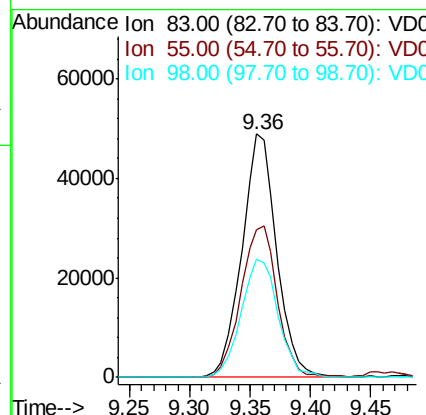
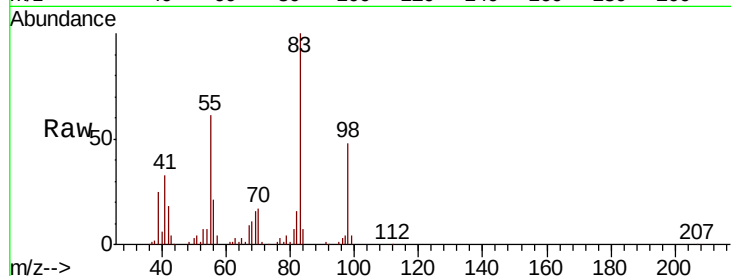
#39
Methylvlcyclohexane
Concen: 20.599 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	83.00	Resp	98461
Ion	Ratio	Lower	Upper
83	100		
55	60.6	50.5	75.7
98	48.4	43.4	65.0

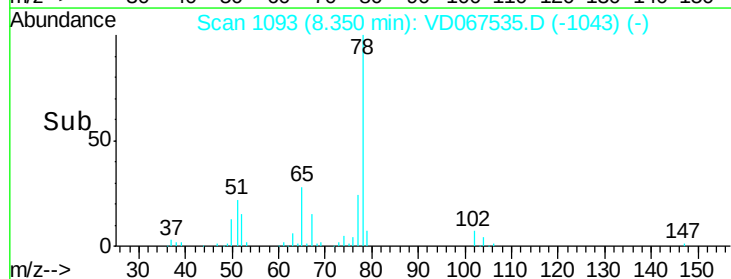
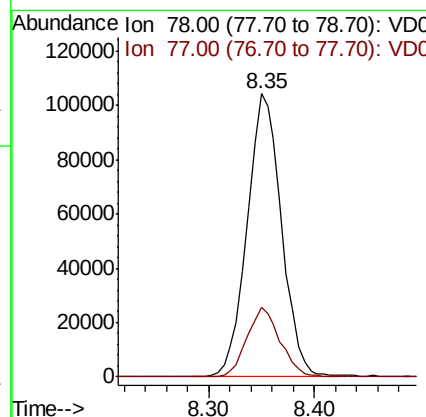
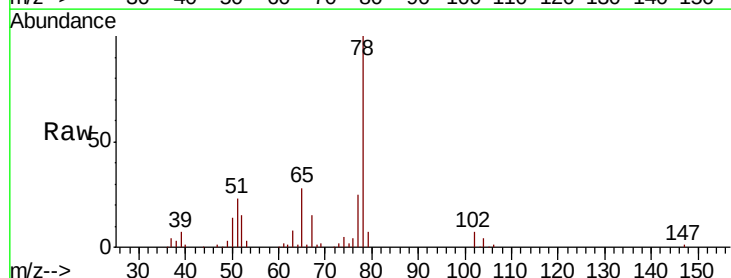
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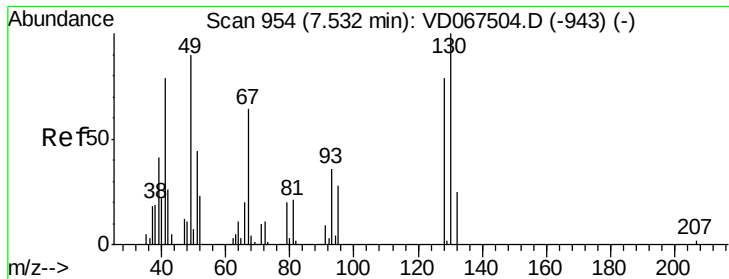
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#40
Benzene
Concen: 21.402 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	78.00	Resp	235442
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





#41

Methacrylonitrile

Concen: 20.076 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 41 Resp: 12653

Ion Ratio Lower Upper

41 100

39 60.1 51.3 76.9

67 0.0 78.9 118.3#

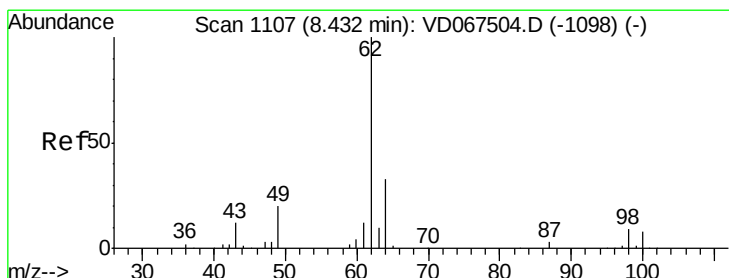
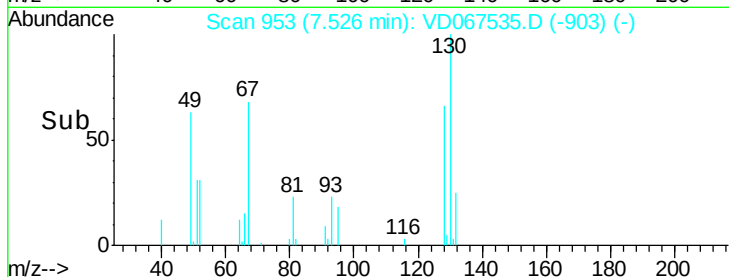
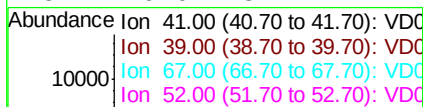
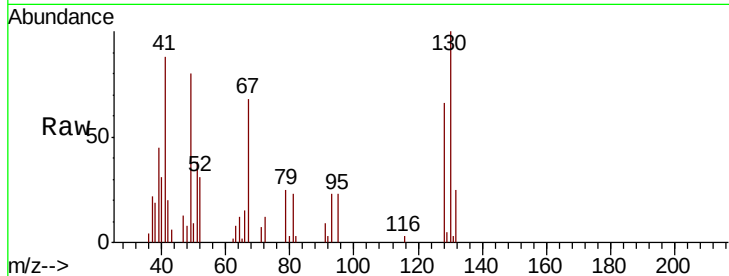
52 0.0 31.4 47.2#

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#42

1,2-Dichloroethane

Concen: 21.440 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067535.D

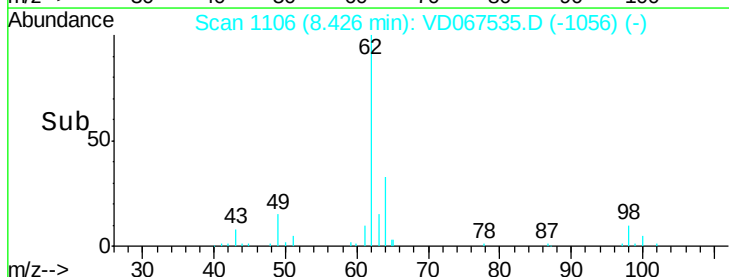
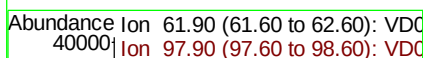
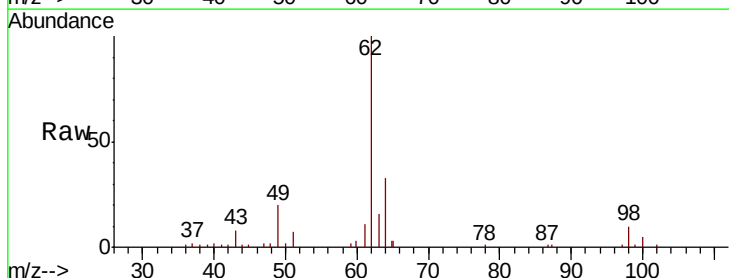
Acq: 05 Nov 2020 10:58

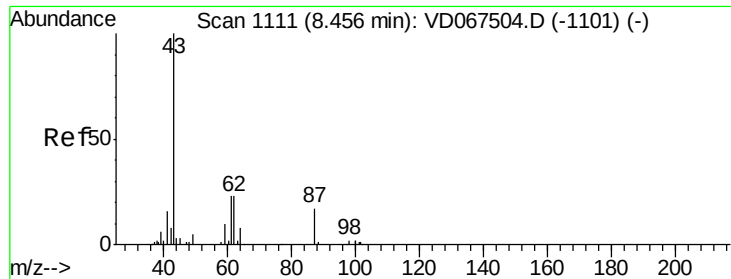
Tgt Ion: 62 Resp: 72874

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.680 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

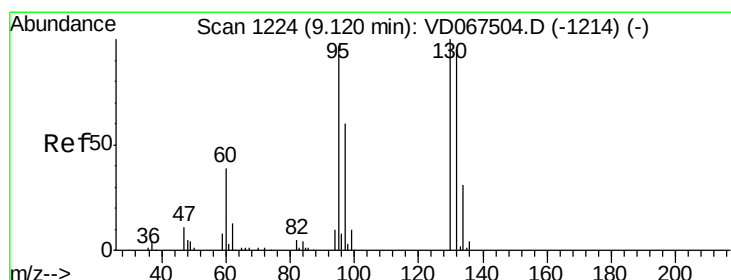
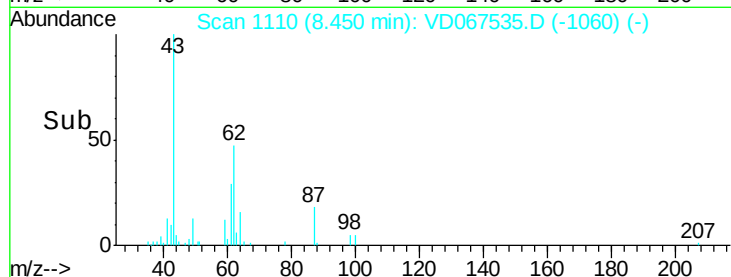
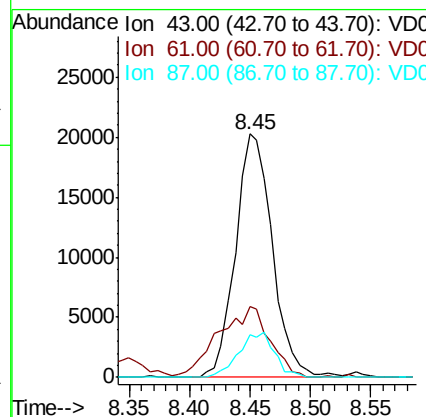
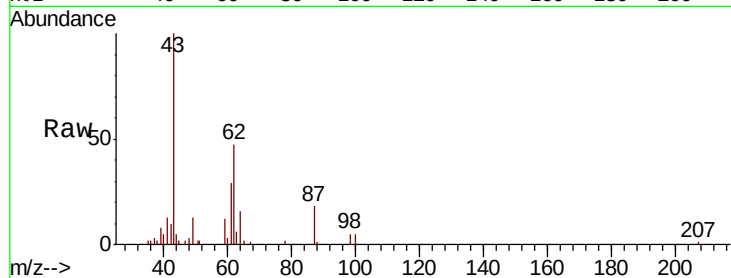
ClientSampleId :

VD1105SBS01

Tot Ion:	43	Resp:	43123
Ion	Ratio	Lower	Upper
43	100		
61	40.0	30.5	45.7
87	17.9	14.7	22.1

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#44

Trichloroethene

Concen: 20.611 ug/l

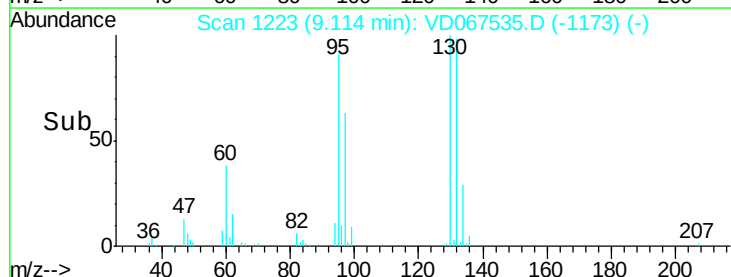
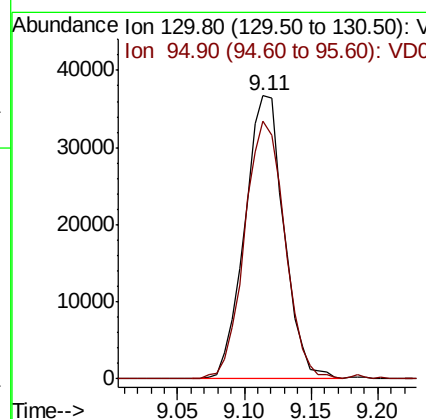
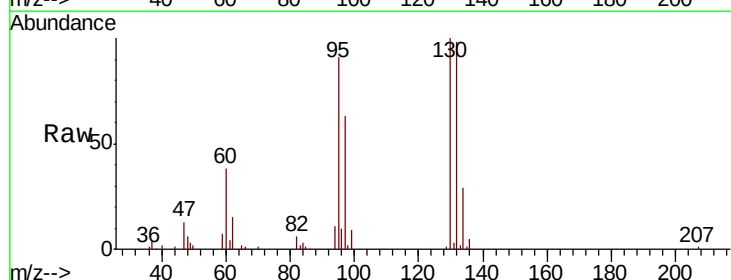
RT: 9.11 min Scan# 1223

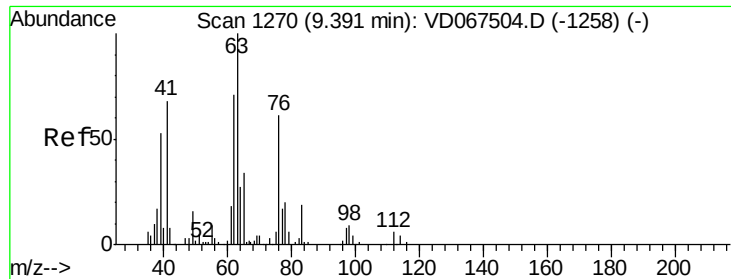
Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	130	Resp:	74555
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.521 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 63 Resp: 51187

Ion Ratio Lower Upper

63 100

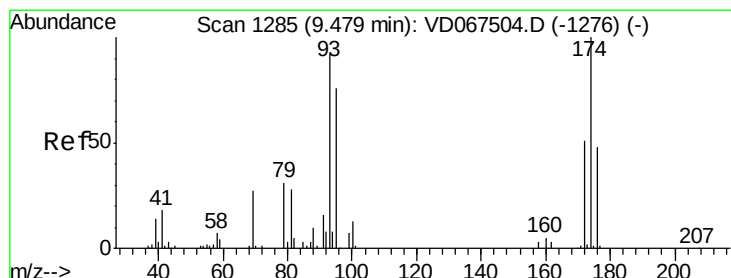
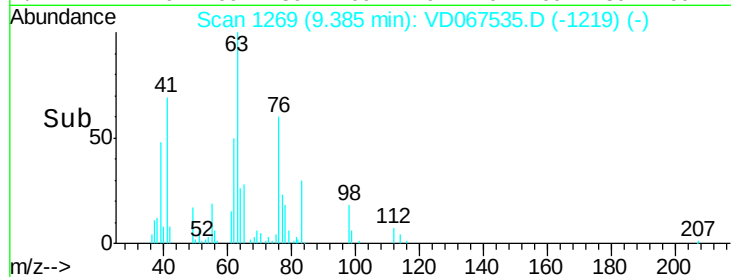
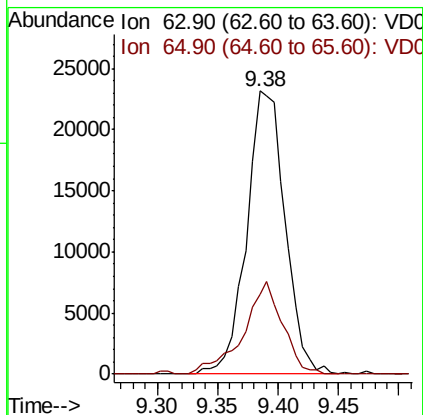
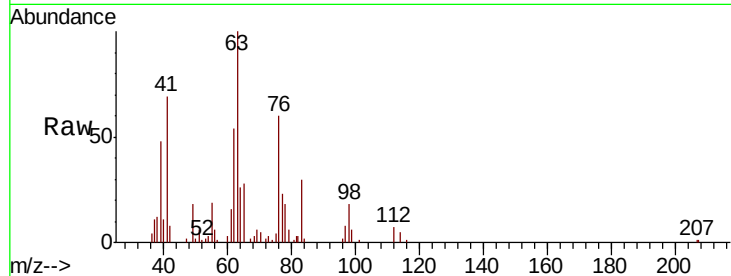
65 28.2 26.9 40.3

Manual Integrations

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#46

Dibromomethane

Concen: 20.515 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

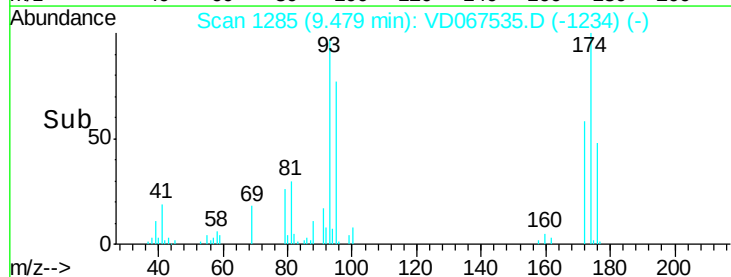
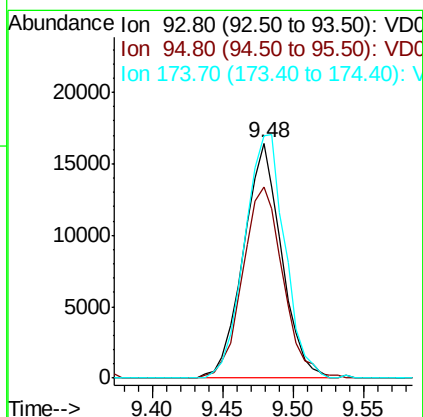
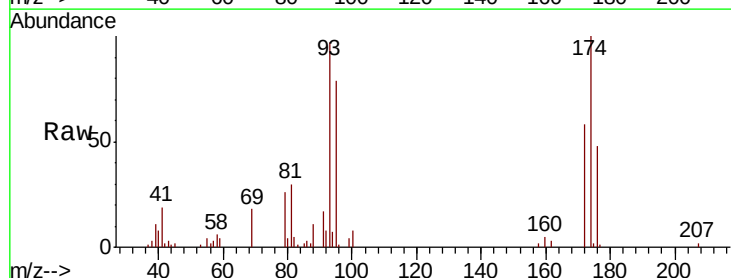
Tgt Ion: 93 Resp: 31024

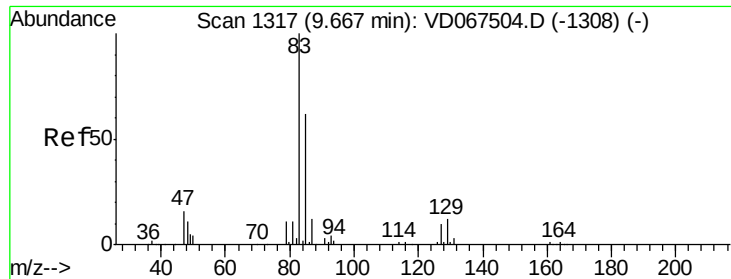
Ion Ratio Lower Upper

93 100

95 86.1 66.4 99.6

174 110.0 88.2 132.4





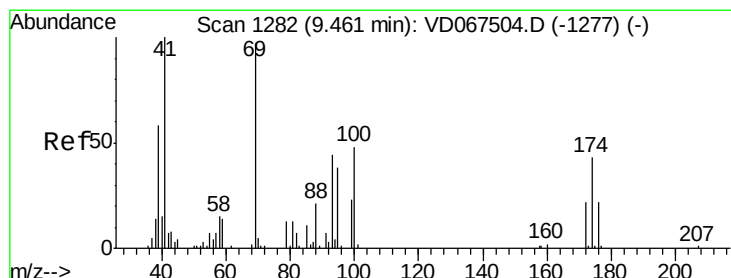
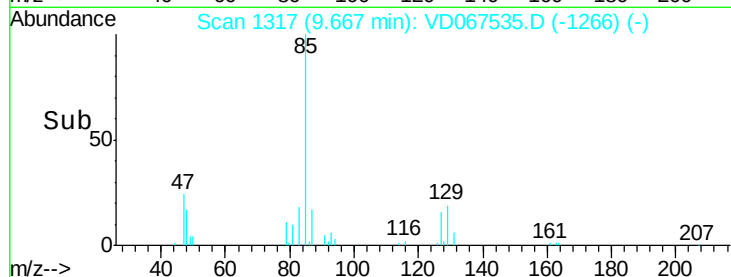
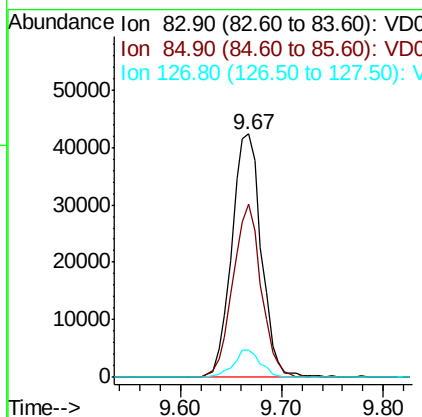
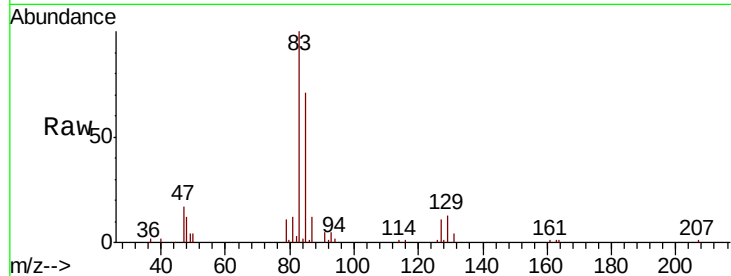
#47
Bromodichloromethane
Concen: 20.868 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	83	Resp	85777
Ion Ratio	100	Lower	Upper
83	100		
85	71.0	49.4	74.2
127	11.4	7.7	11.5

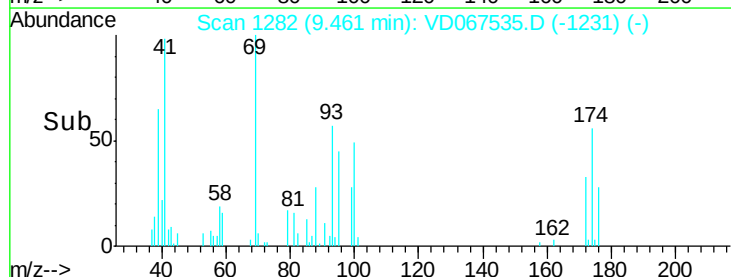
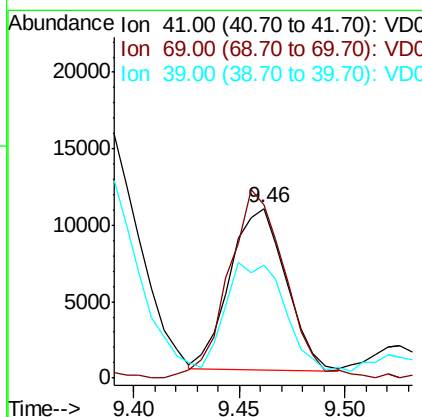
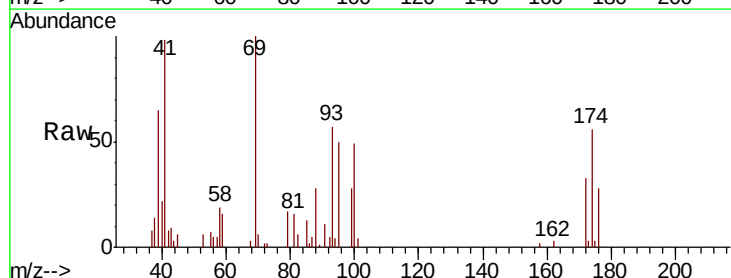
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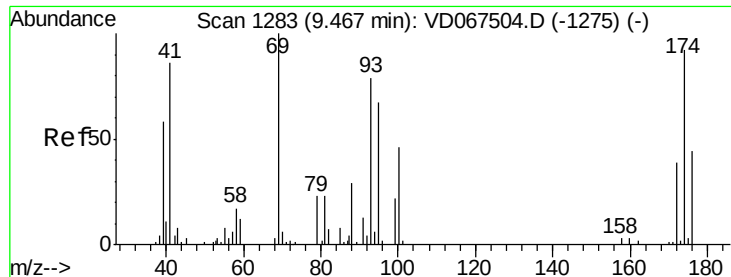
MMDadoda
11/6/2020 9:24:29 AM



#48
Methyl methacrylate
Concen: 18.187 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	41	Resp	19581
Ion Ratio	100	Lower	Upper
41	100		
69	117.4	80.6	121.0
39	71.4	50.2	75.4





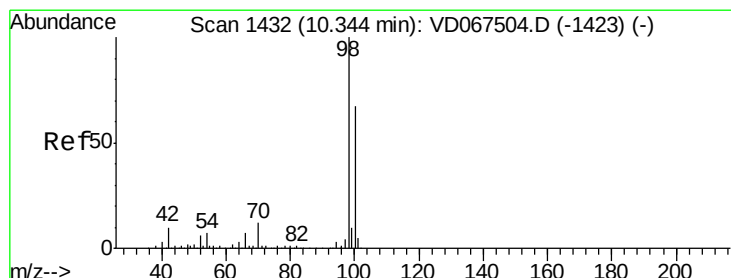
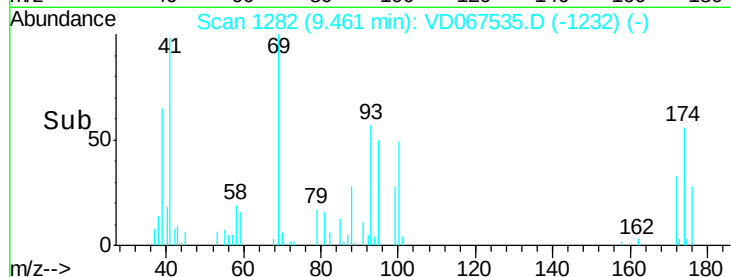
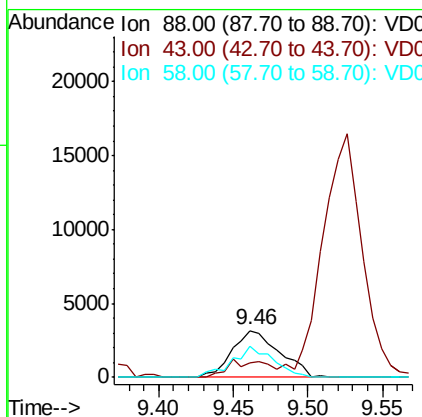
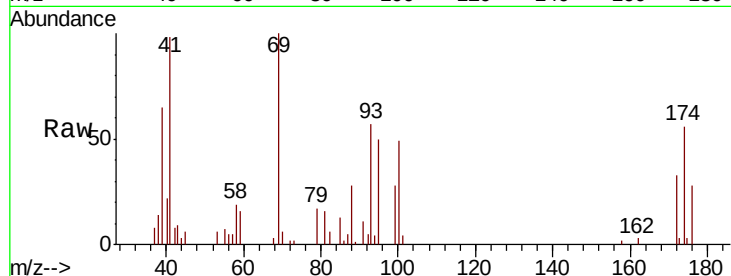
#49
 1,4-Dioxane
 Concen: 457.324 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	23.6	35.4
58	56.7	44.7	67.1

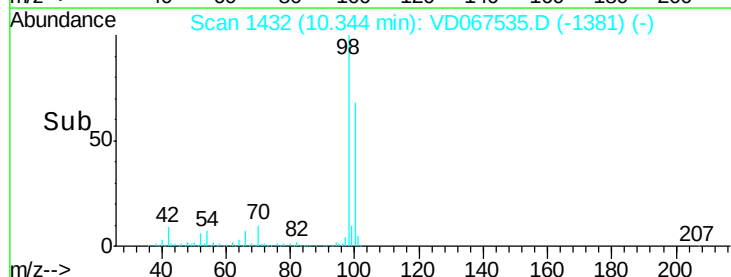
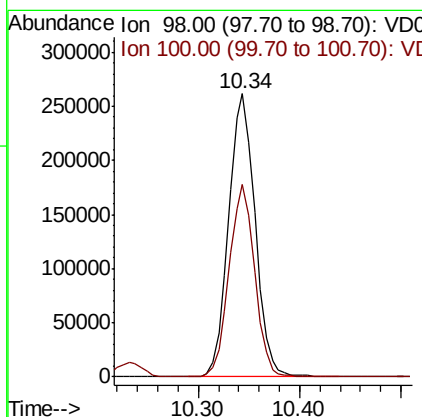
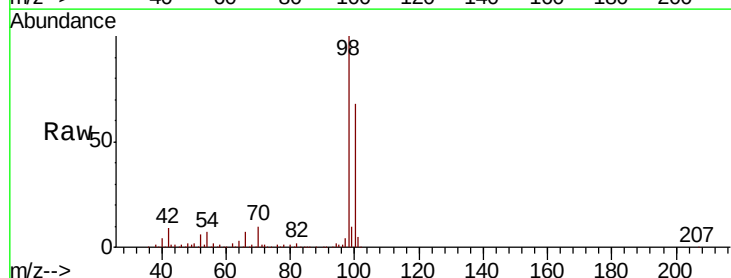
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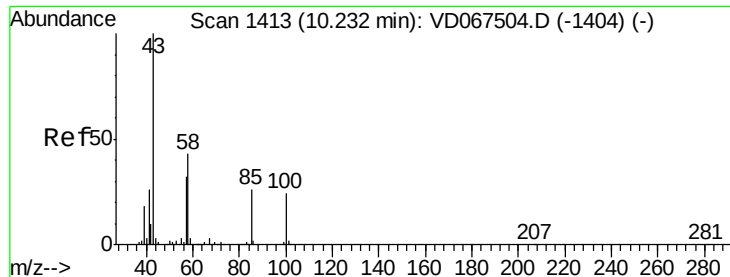
MMDadoda
 11/6/2020 9:24:29 AM



#50
 Toluene-d8
 Concen: 47.277 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 104.851 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 43 Resp: 104564

Ion Ratio Lower Upper

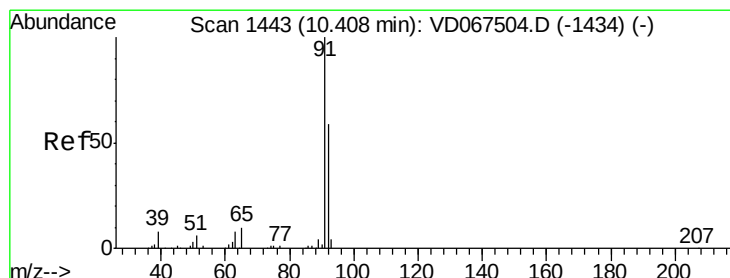
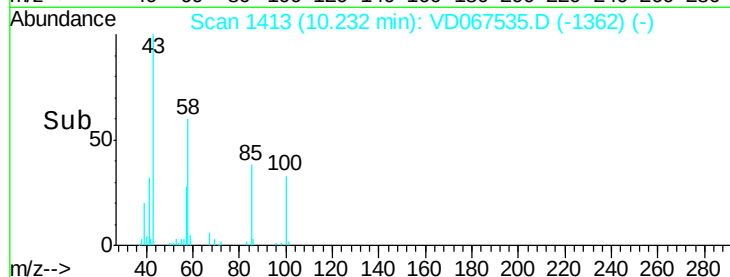
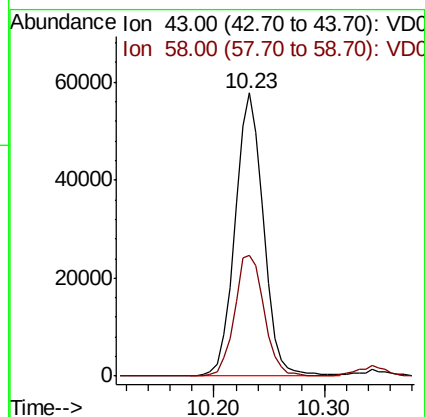
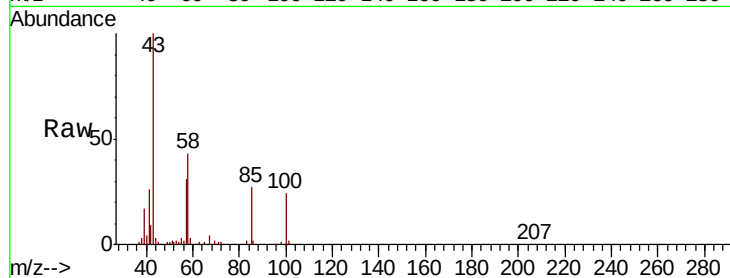
43 100

58 44.4 35.6 53.4

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#52

Toluene

Concen: 21.809 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067535.D

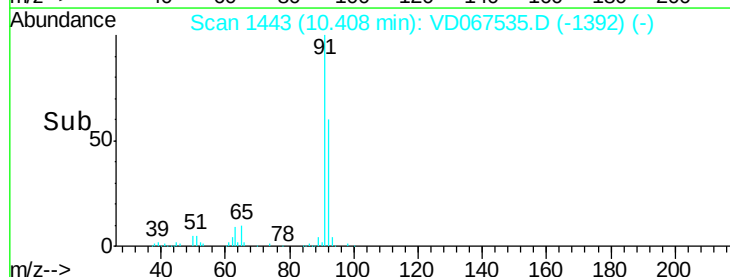
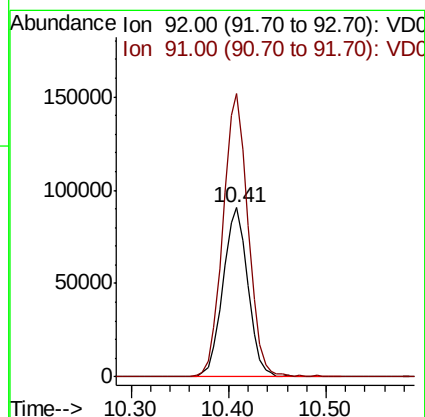
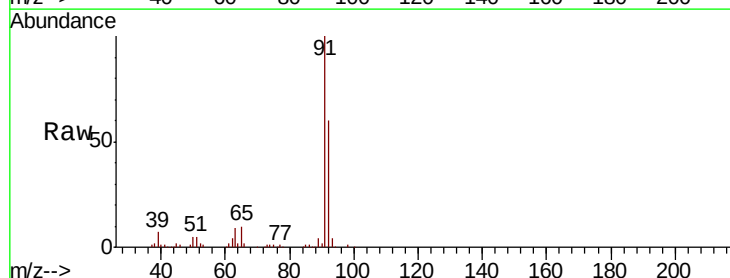
Acq: 05 Nov 2020 10:58

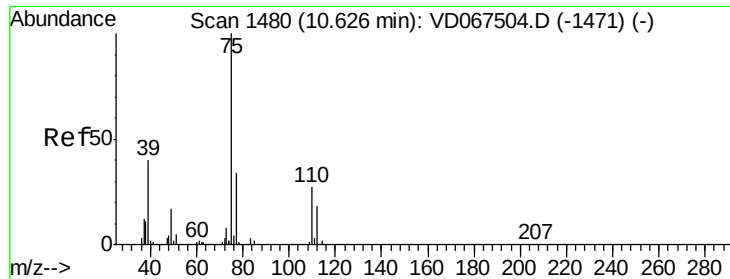
Tgt Ion: 92 Resp: 160693

Ion Ratio Lower Upper

92 100

91 167.8 137.0 205.6





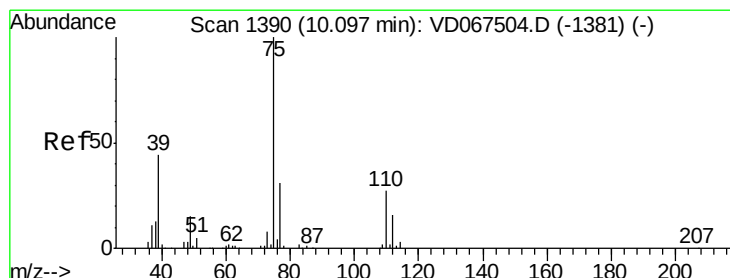
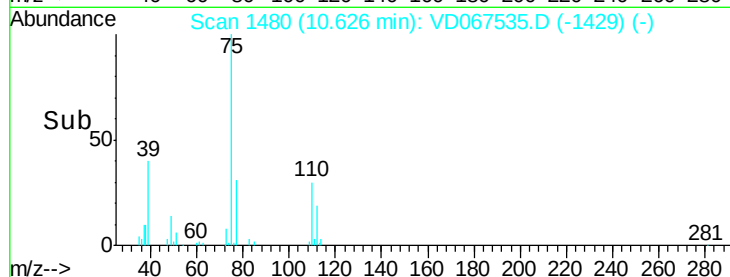
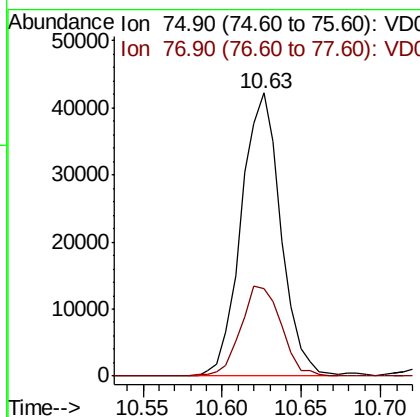
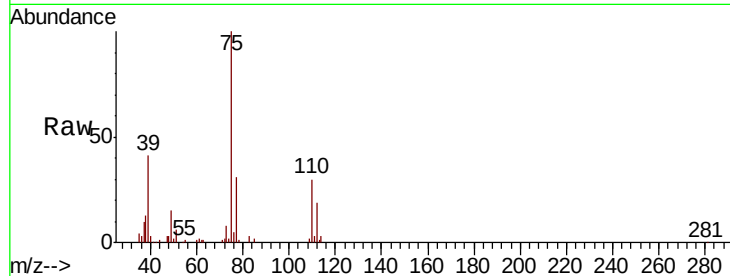
#53
 t-1,3-Dichloropropene
 Concen: 20.803 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	75	Resp	73235
Ion Ratio	100	Lower	Upper
75	100		
77	30.9	27.0	40.6

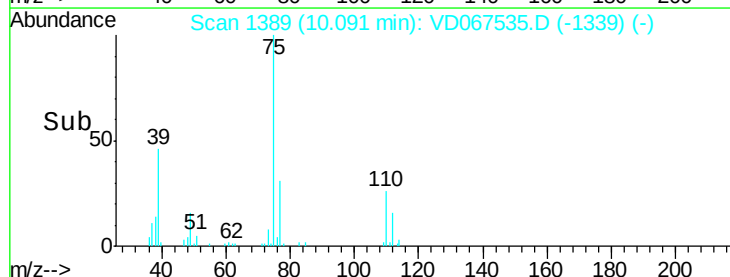
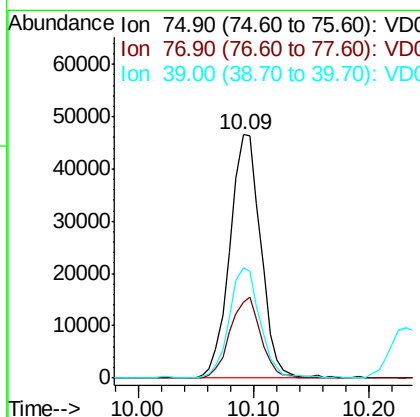
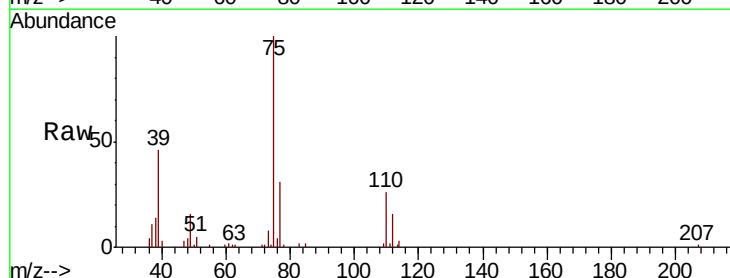
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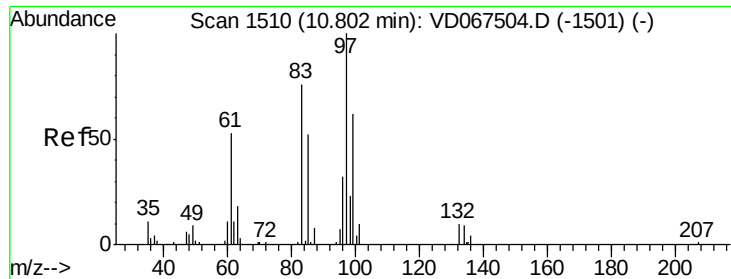
MMDadoda
 11/6/2020 9:24:29 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.683 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	75	Resp	86509
Ion Ratio	100	Lower	Upper
75	100		
77	31.2	24.4	36.6
39	45.6	35.6	53.4





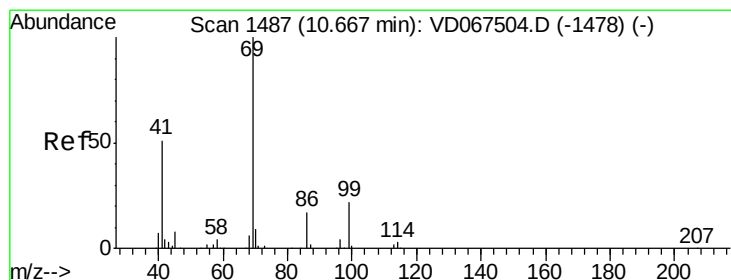
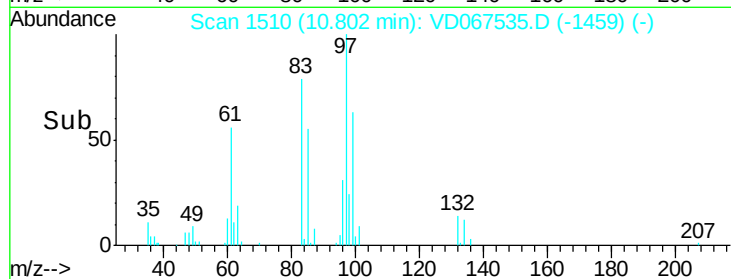
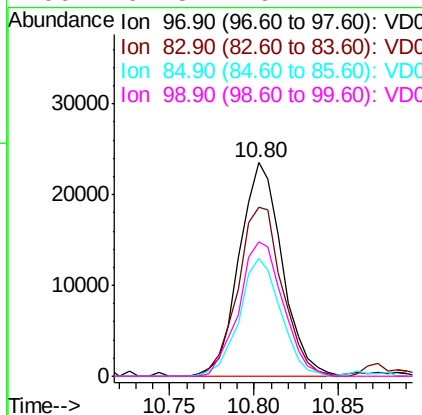
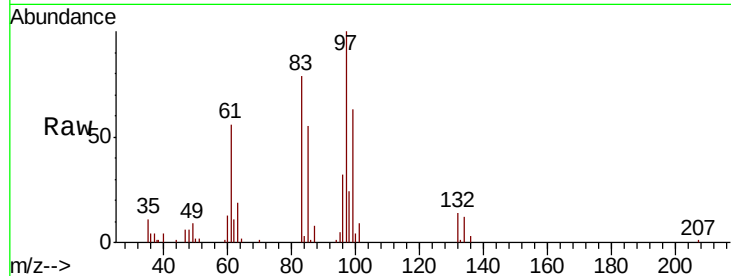
#55
 1,1,2-Trichloroethane
 Concen: 20.734 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion:	97	Resp:	41487
Ion	Ratio	Lower	Upper
97	100		
83	79.0	61.0	91.6
85	55.4	41.5	62.3
99	62.8	49.4	74.2

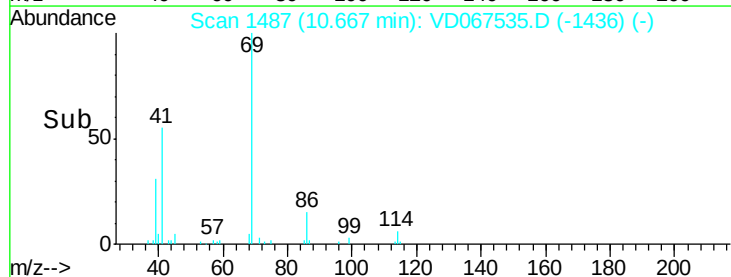
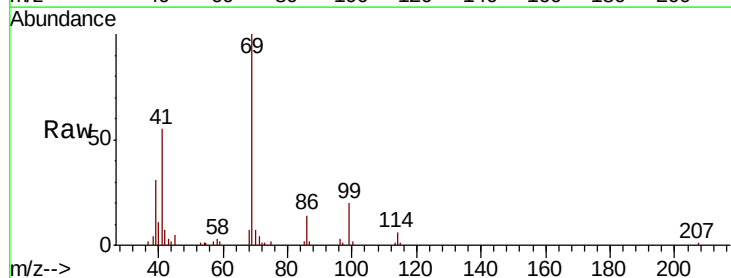
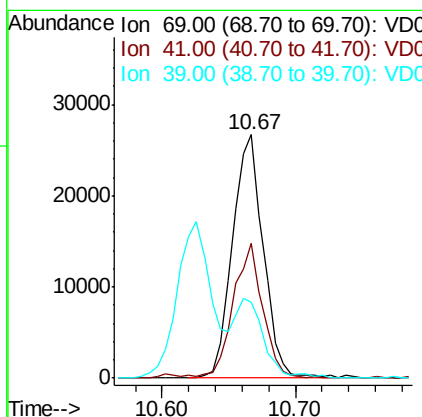
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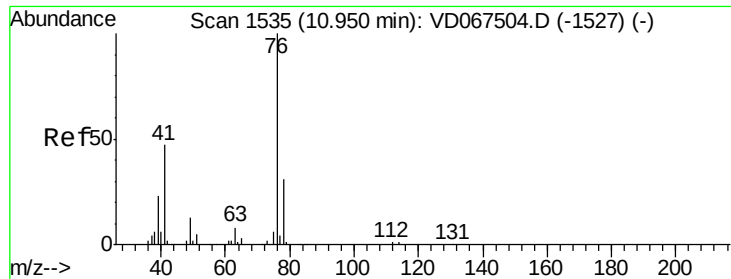
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#56
 Ethyl methacrylate
 Concen: 20.743 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion:	69	Resp:	42862
Ion	Ratio	Lower	Upper
69	100		
41	53.1	45.4	68.0
39	30.5	27.4	41.0





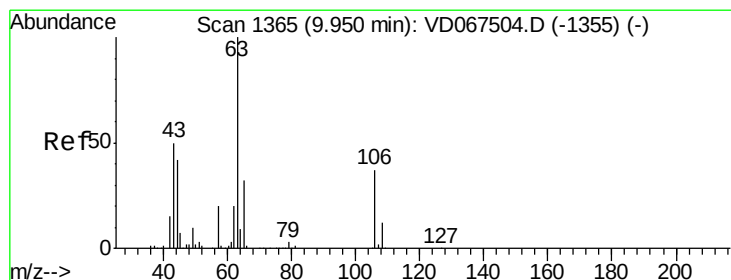
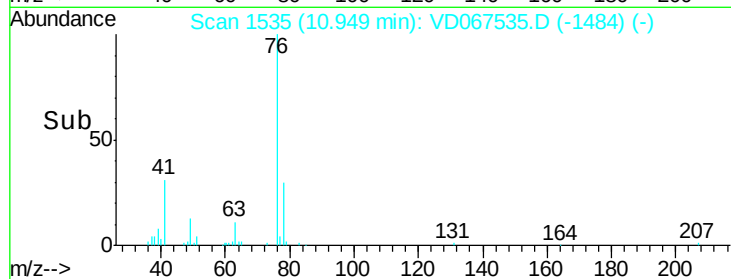
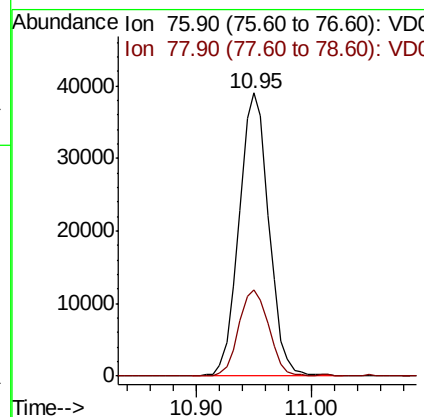
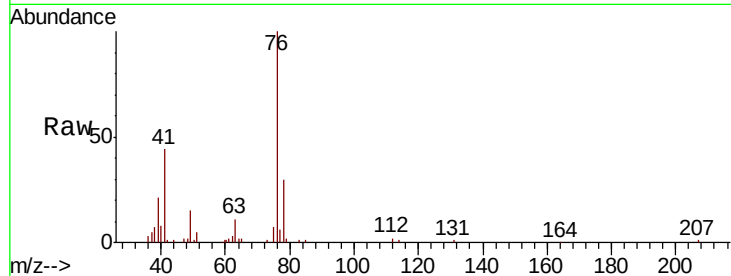
#57
 1,3-Dichloropropane
 Concen: 21.582 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion: 76 Resp: 69492
 Ion Ratio Lower Upper
 76 100
 78 30.9 26.1 39.1

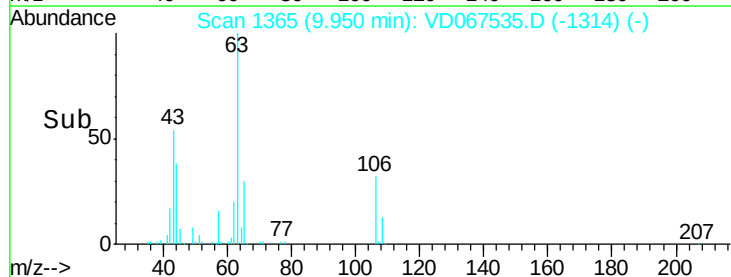
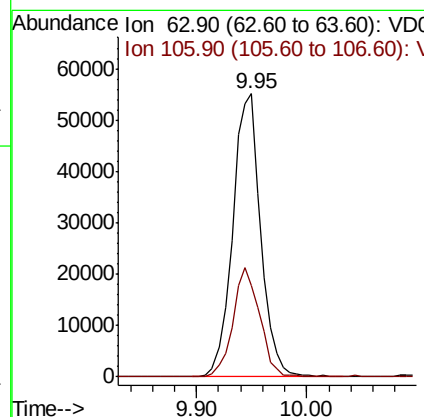
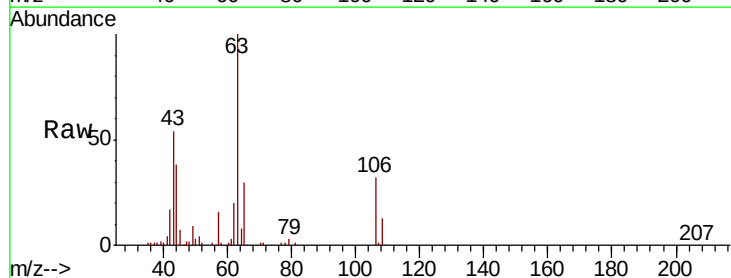
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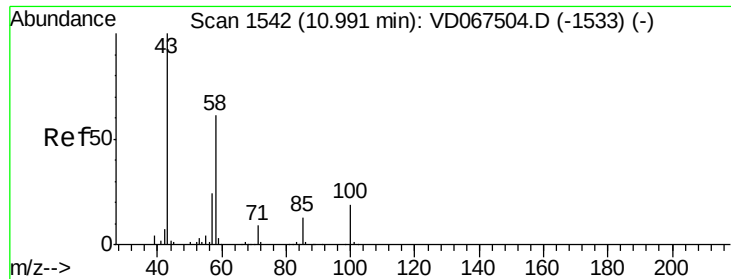
MMDadoda
 11/6/2020 9:24:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.754 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion: 63 Resp: 98049
 Ion Ratio Lower Upper
 63 100
 106 36.8 29.2 43.8





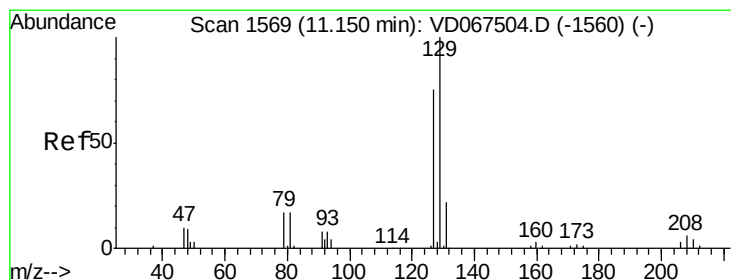
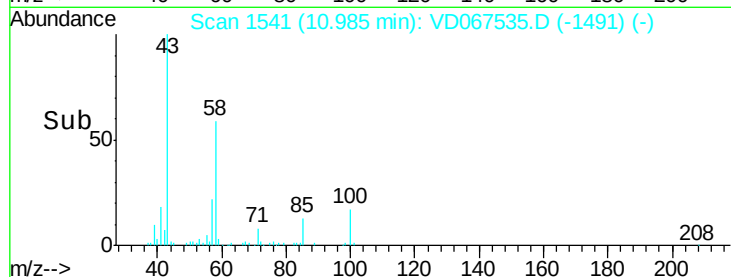
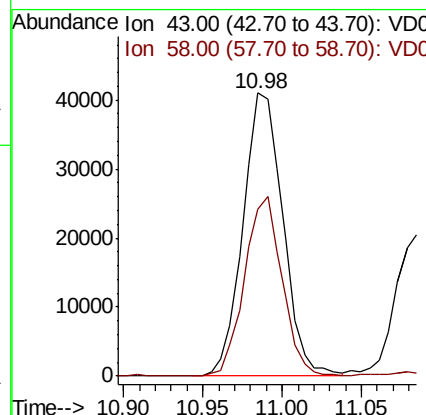
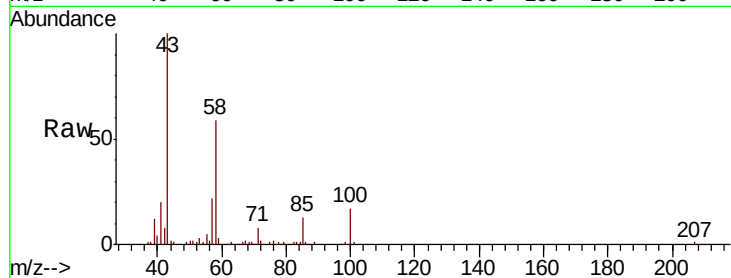
#59
2-Hexanone
Concen: 103.216 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion: 43 Resp: 71971
Ion Ratio Lower Upper
43 100
58 59.3 30.3 90.9

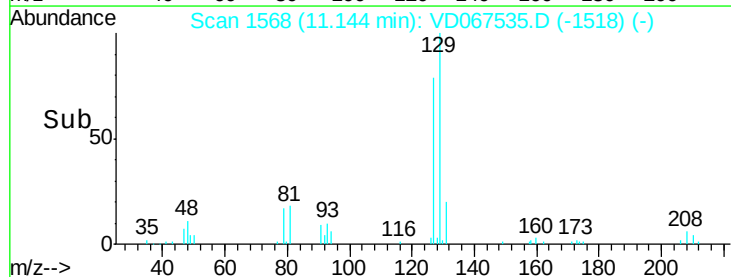
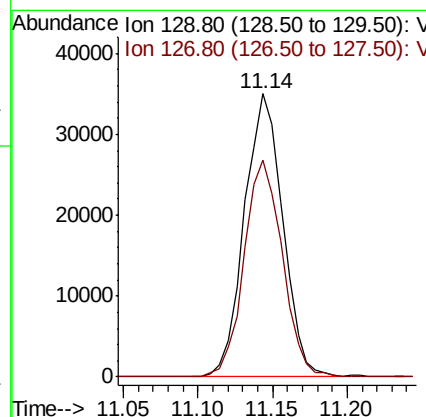
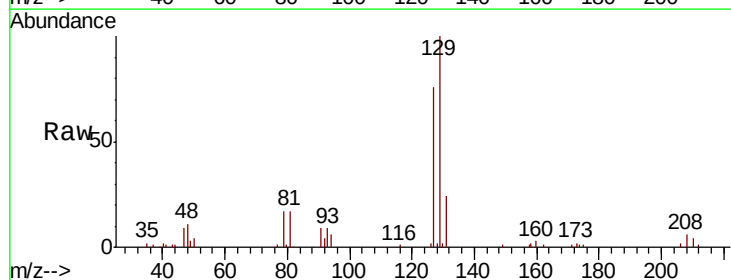
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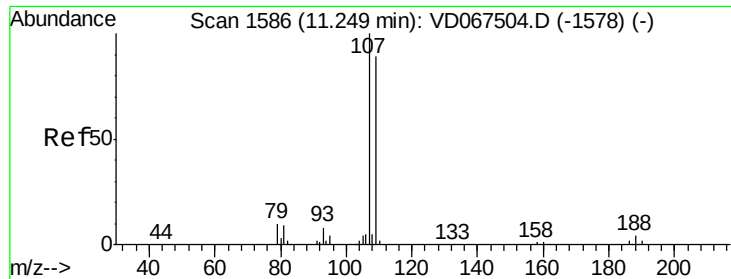
MMDadoda
11/6/2020 9:24:29 AM



#60
Dibromochloromethane
Concen: 21.044 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion: 129 Resp: 62290
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1





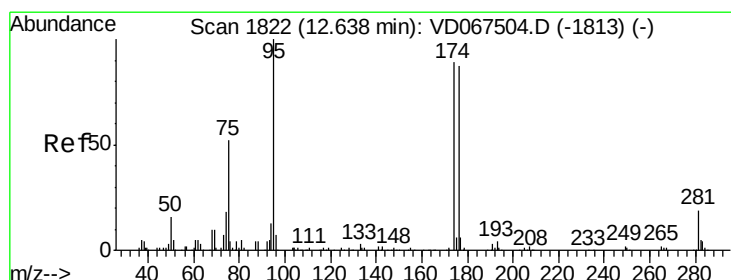
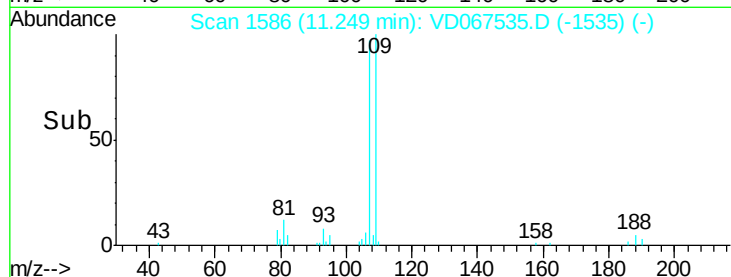
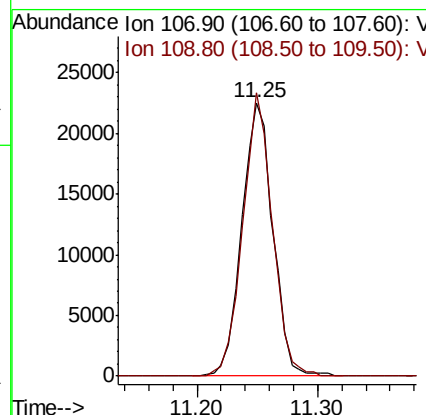
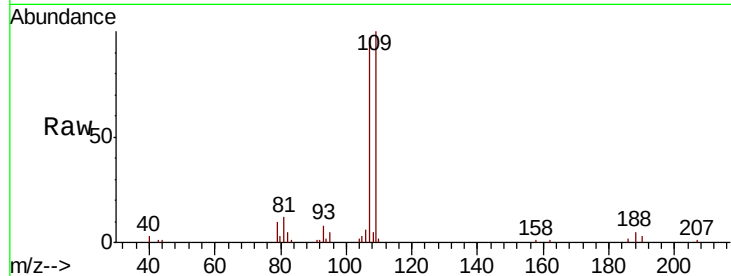
#61
 1,2-Dibromoethane
 Concen: 20.151 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.7	74.6	111.8

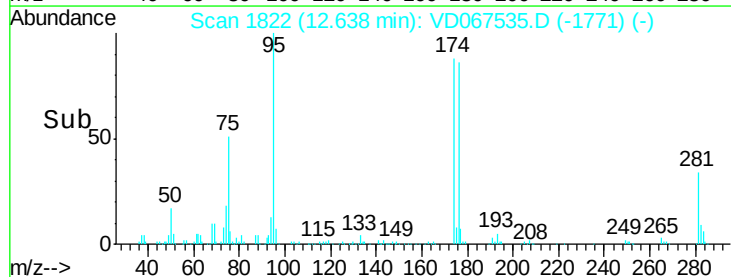
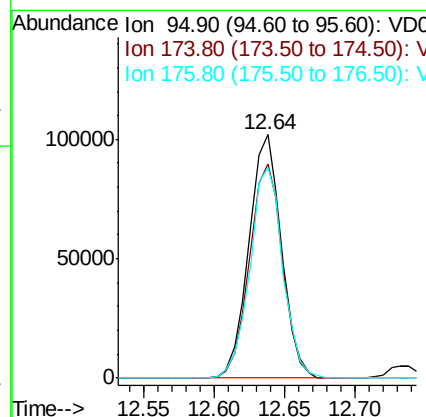
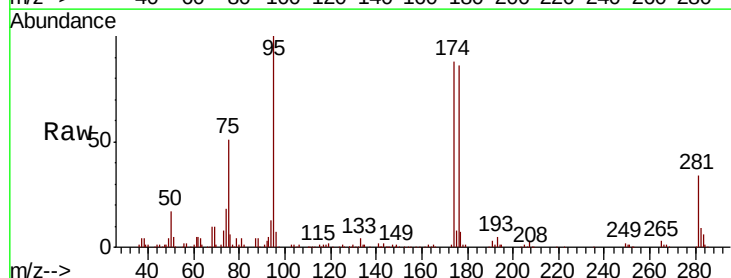
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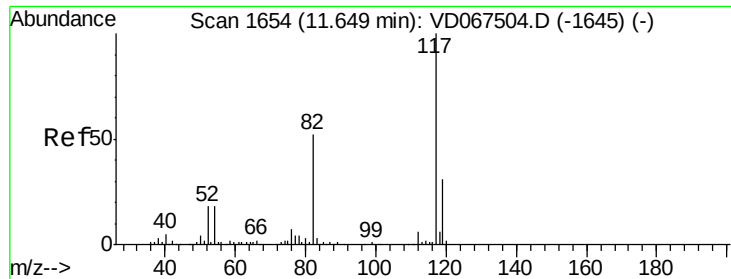
MMDadoda
 11/6/2020 9:24:29 AM



#62
 4-Bromofluorobenzene
 Concen: 47.485 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	177.8
176	87.6	0.0	172.0





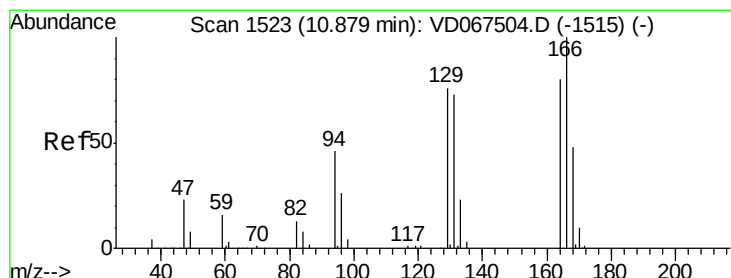
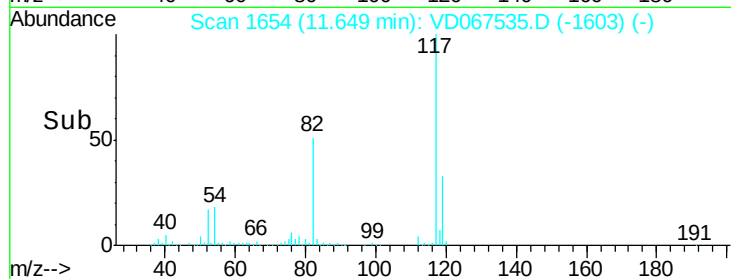
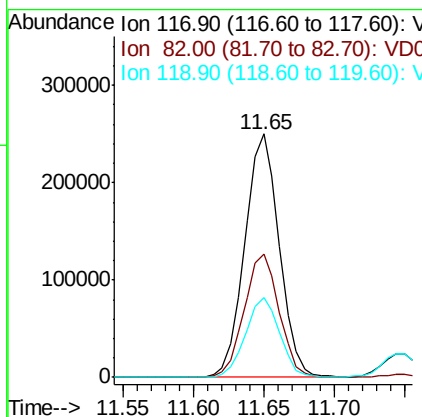
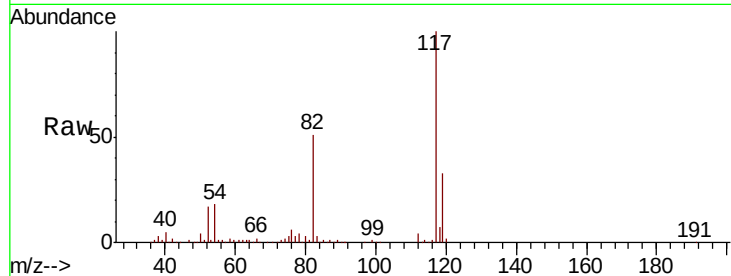
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	428812		
82	50.9		41.6	62.4
119	32.8		25.1	37.7

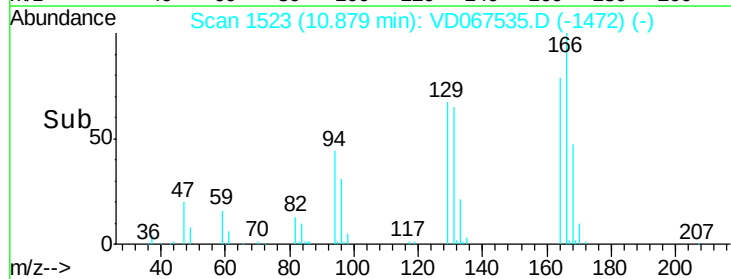
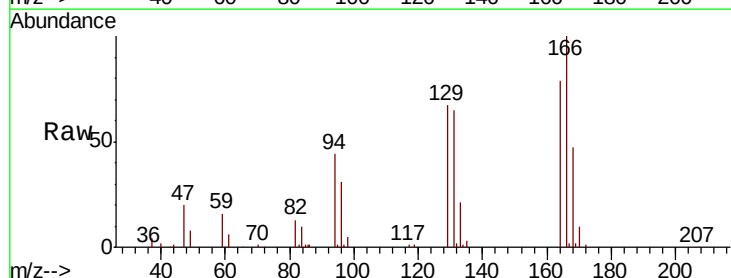
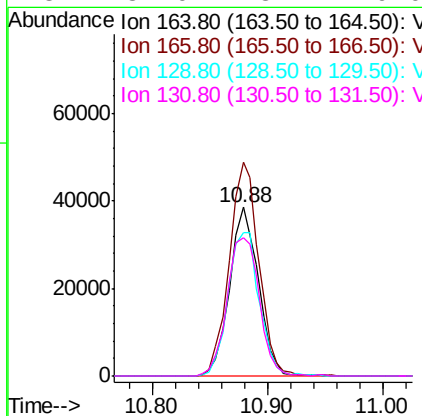
Manual Integrations
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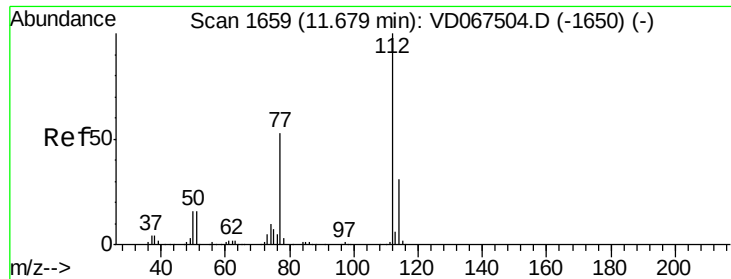
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#64
Tetrachloroethene
Concen: 21.075 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66929		
166	126.7		99.9	149.9
129	85.2		75.5	113.3
131	82.0		73.4	110.0





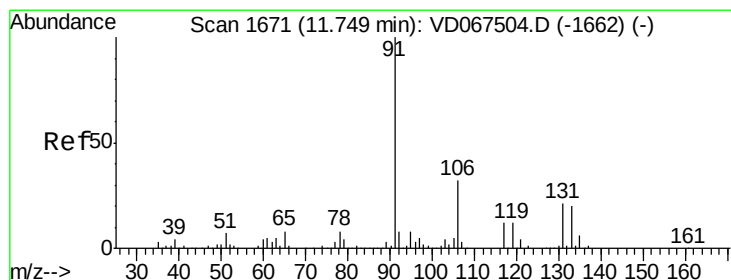
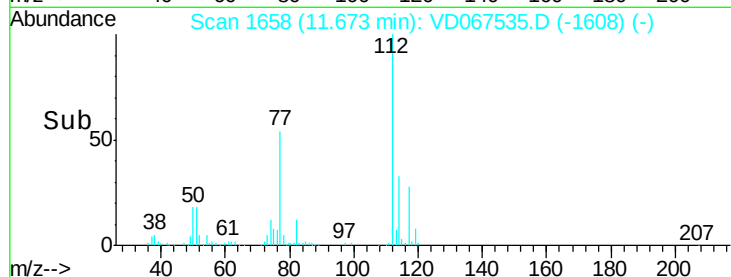
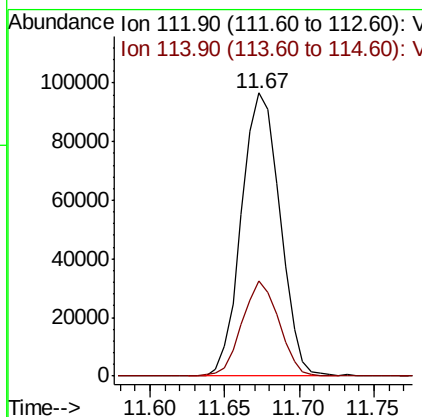
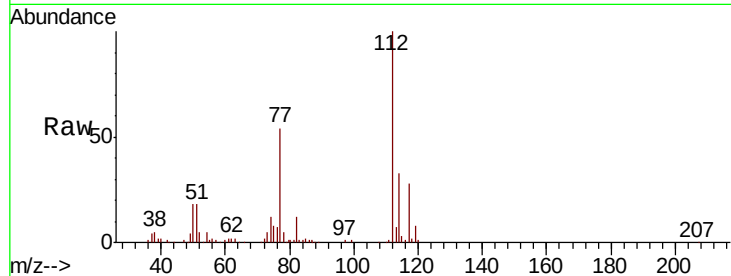
#65
Chlorobenzene
Concen: 20.982 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	24.9	37.3

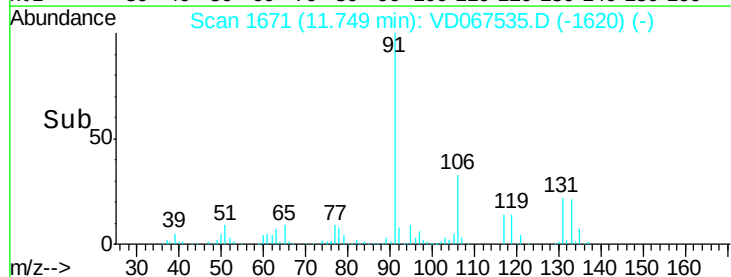
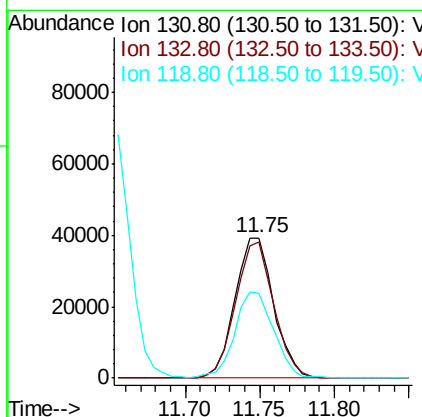
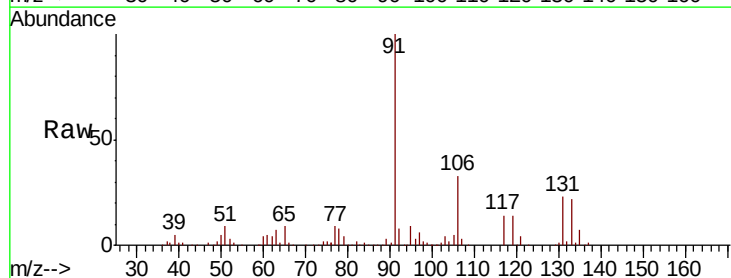
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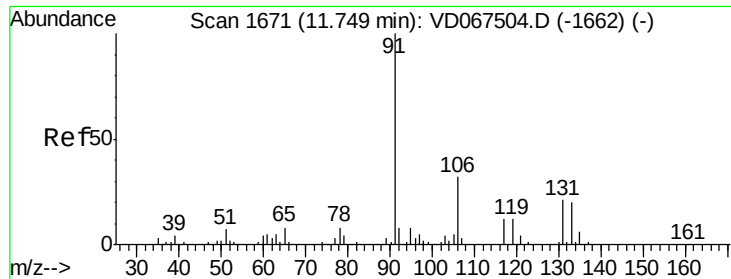
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.679 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.0	144.0
119	62.2	30.1	90.5





#67

Ethyl Benzene

Concen: 20.941 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 91 Resp: 295994

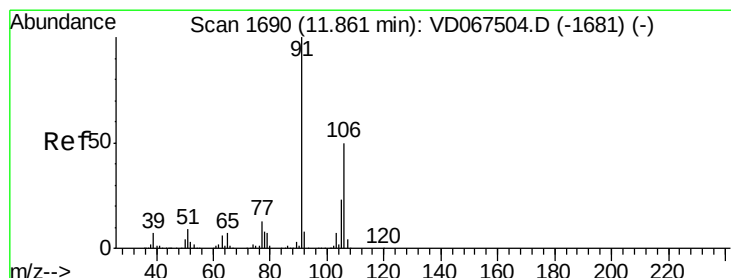
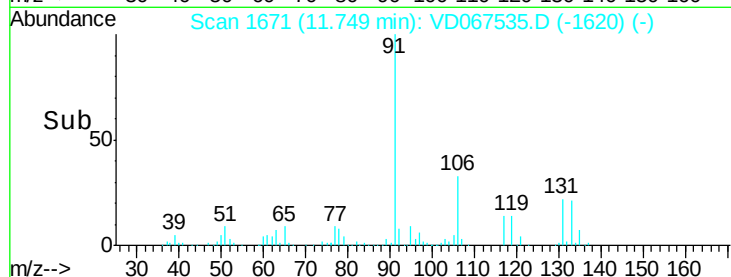
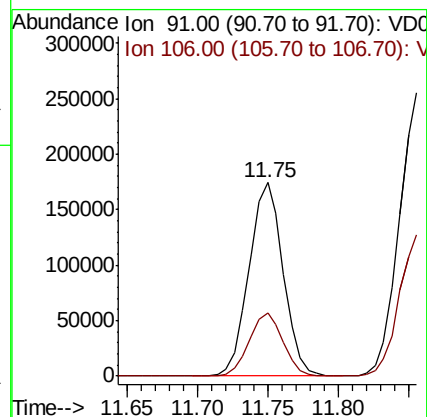
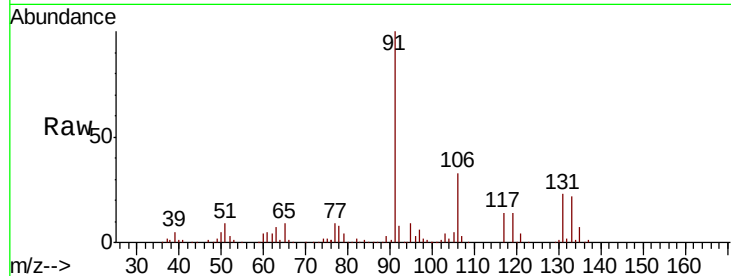
Ion Ratio Lower Upper

91 100

106 33.0 25.7 38.5

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#68

m/p-Xylenes

Concen: 43.985 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067535.D

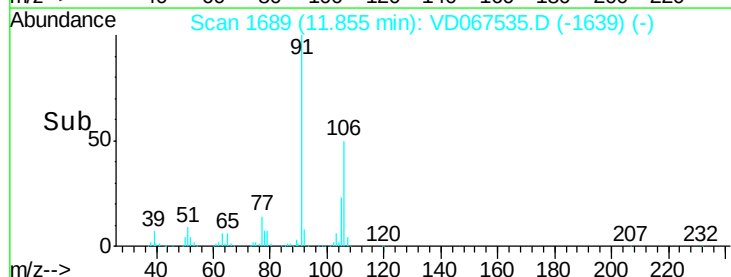
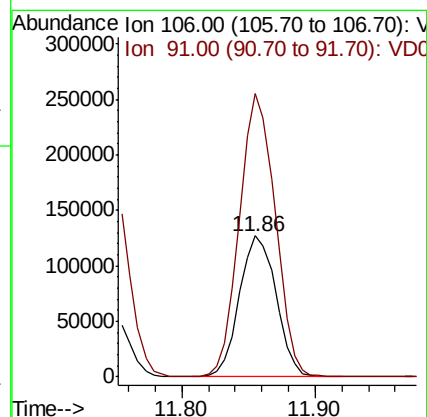
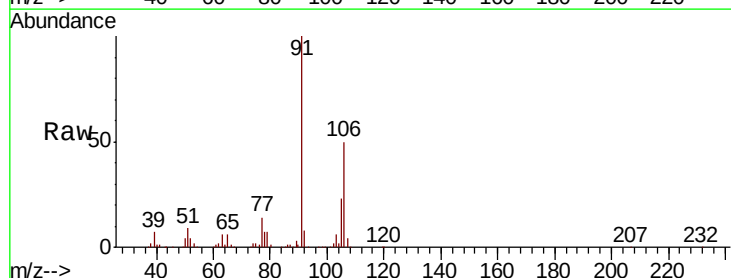
Acq: 05 Nov 2020 10:58

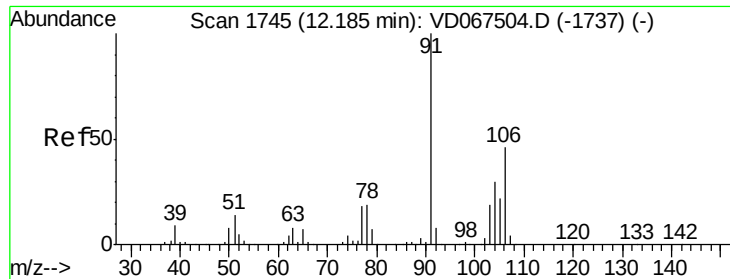
Tgt Ion: 106 Resp: 241872

Ion Ratio Lower Upper

106 100

91 196.8 162.6 244.0





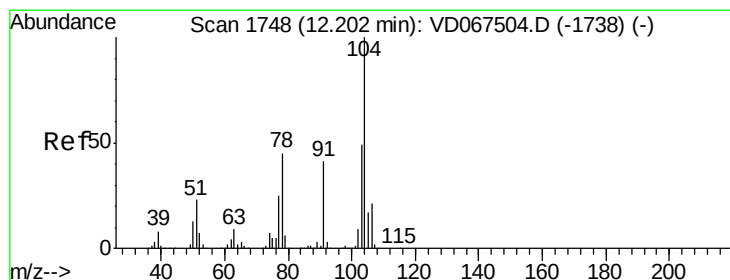
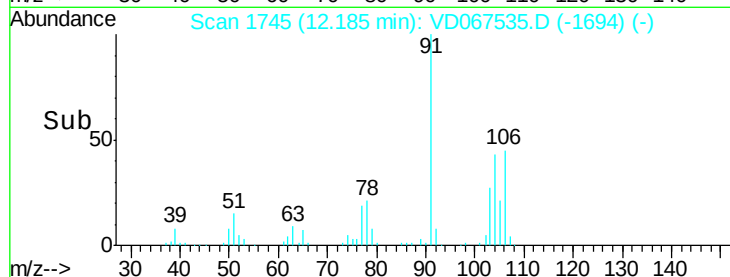
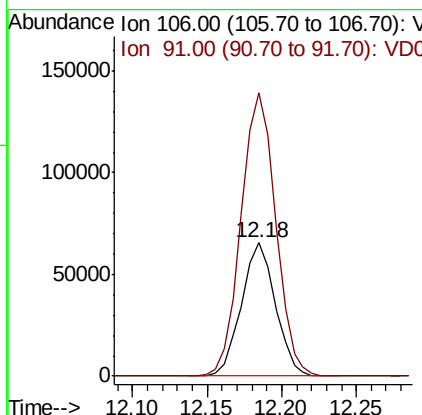
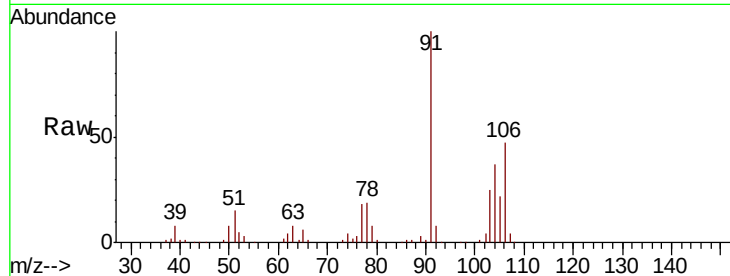
#69
o-Xylene
Concen: 21.103 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		103610		
91	216.0	107.1	321.1		

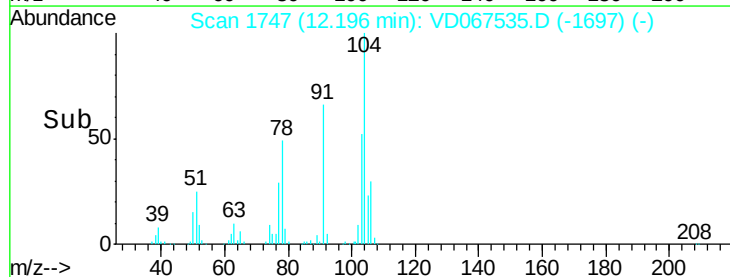
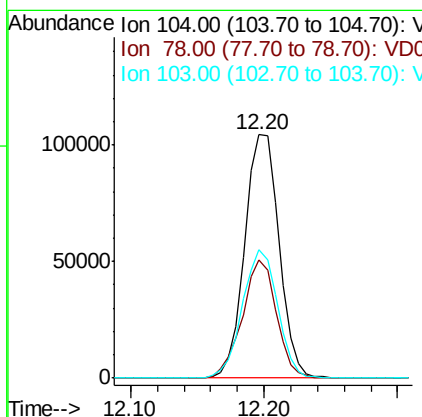
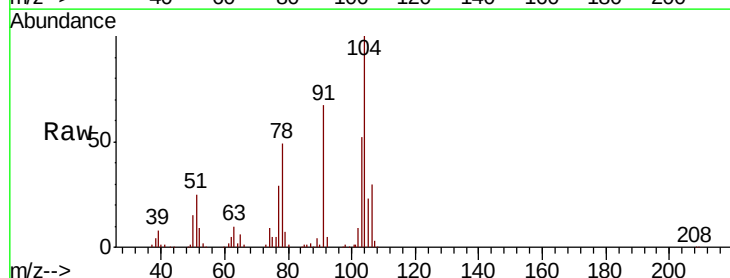
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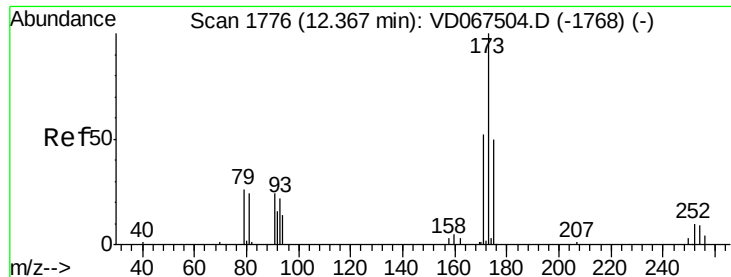
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#70
Styrene
Concen: 21.655 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		185258		
78	48.3	39.8	59.8		
103	54.2	43.9	65.9		





#71

Bromoform

Concen: 21.968 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

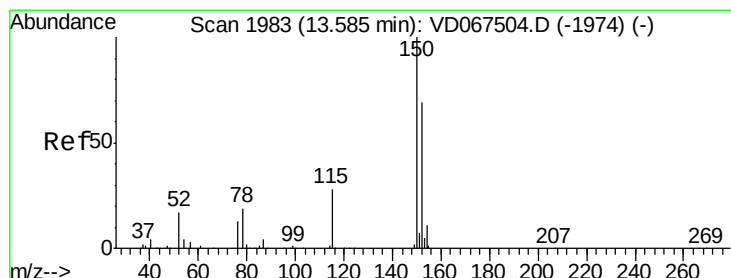
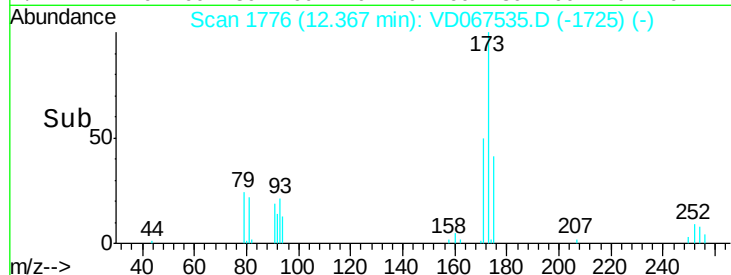
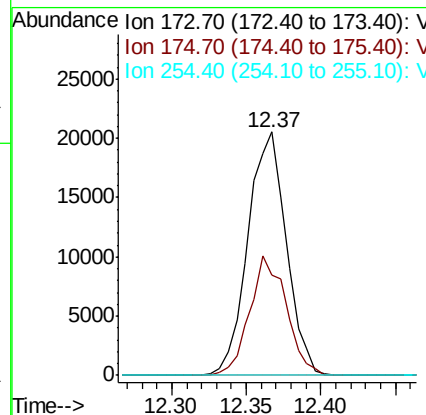
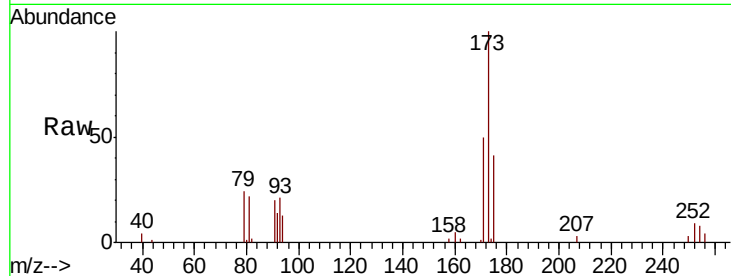
ClientSampleId :

VD1105SBS01

Tot Ion:	173	Resp:	36475
Ion Ratio	Lower	Upper	
173	100		
175	46.6	24.1	72.2
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

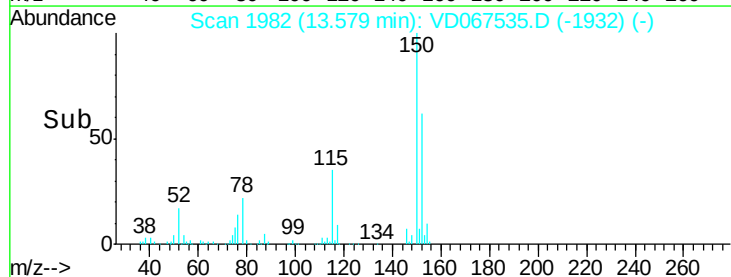
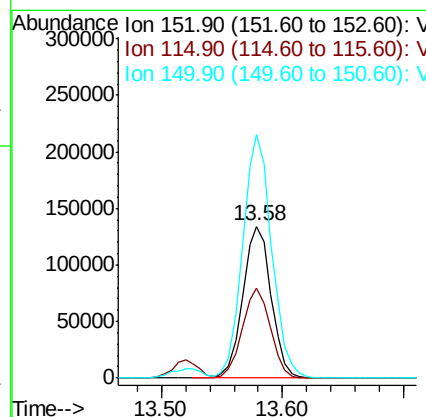
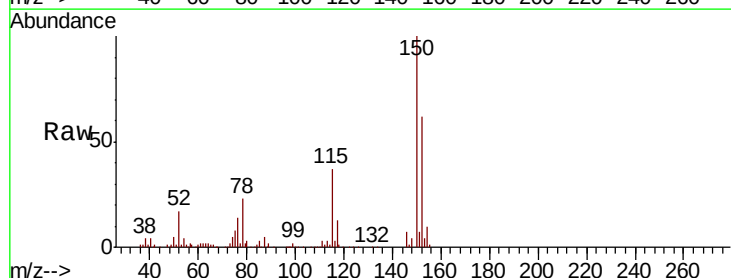
RT: 13.58 min Scan# 1982

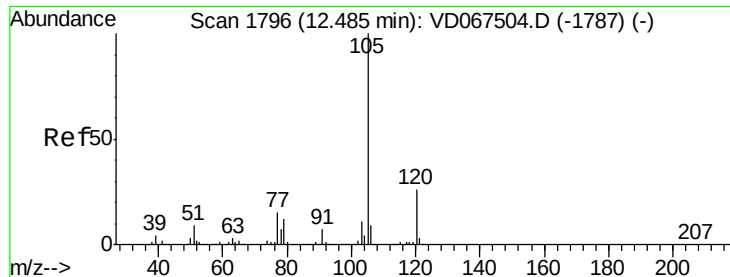
Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	152	Resp:	218459
Ion Ratio	Lower	Upper	
152	100		
115	59.0	29.3	88.0
150	165.2	0.0	338.2





#73

Isopropylbenzene

Concen: 20.697 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:105 Resp: 292217

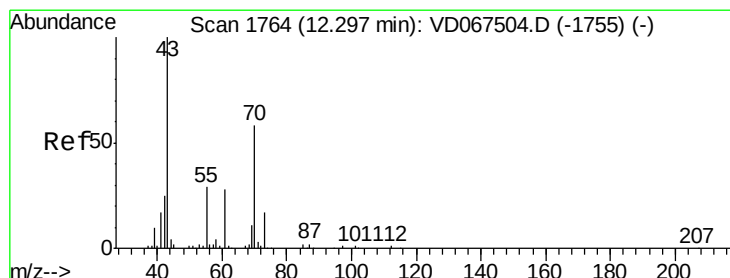
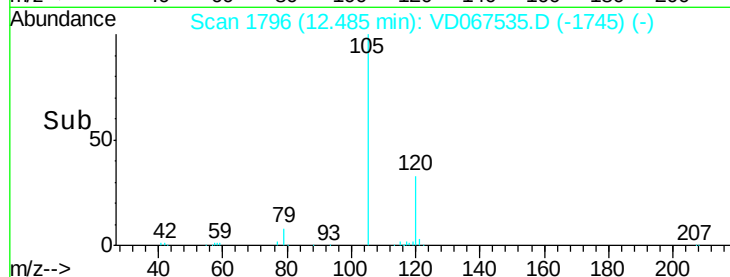
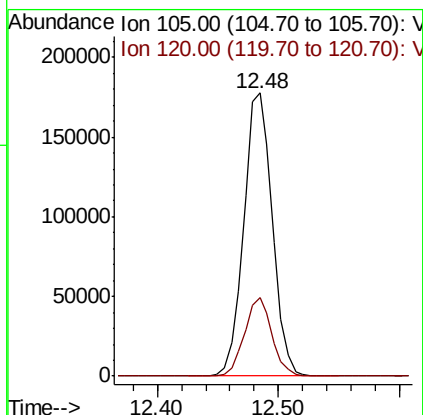
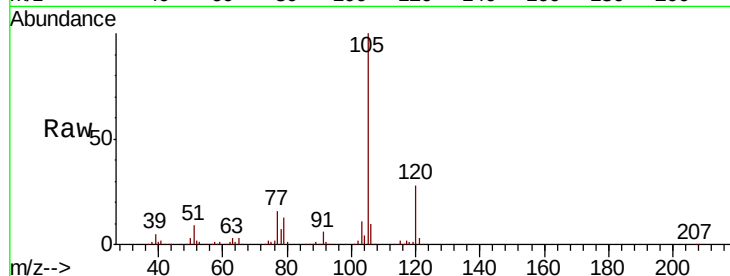
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.912 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion: 43 Resp: 36993

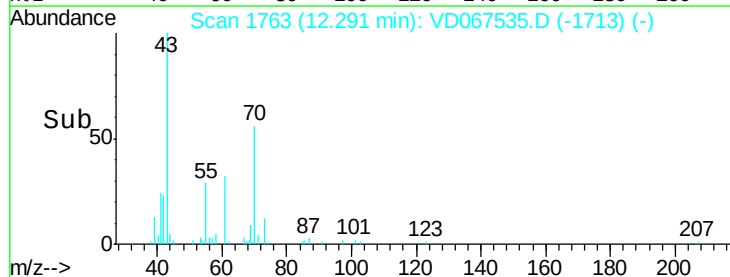
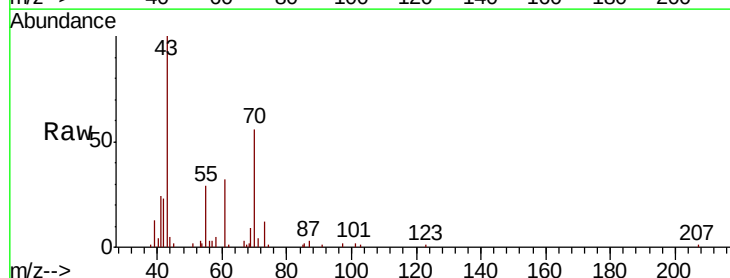
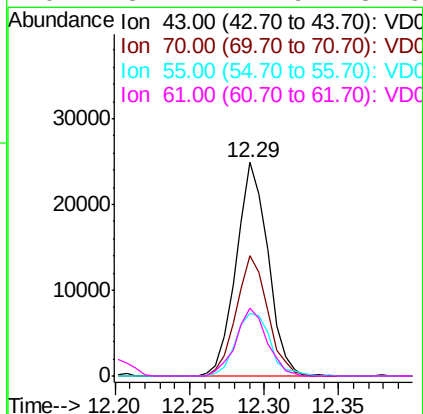
Ion Ratio Lower Upper

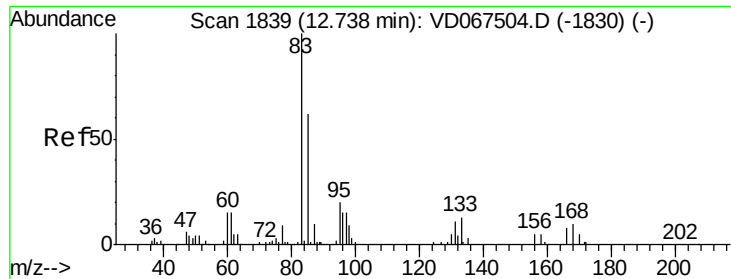
43 100

70 55.6 42.6 64.0

55 31.8 23.7 35.5

61 31.2 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

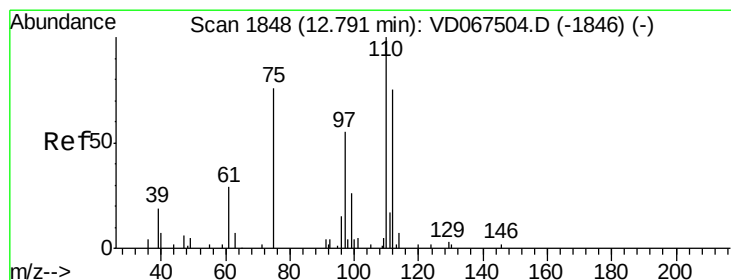
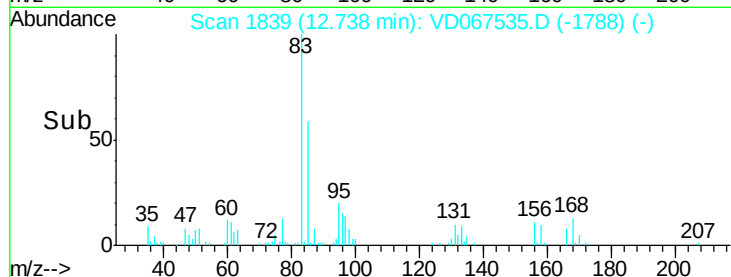
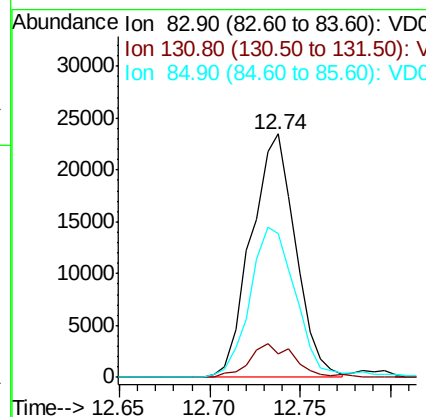
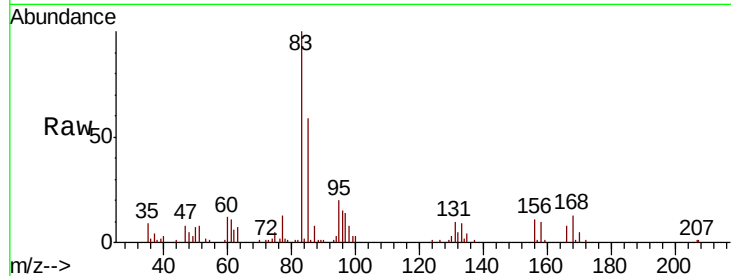
ClientSampleId :

VD1105SBS01

Tot Ion:	83	Resp:	39929
Ion	Ratio	Lower	Upper
83	100		
131	13.9	7.1	21.3
85	64.7	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 18.669 ug/l m

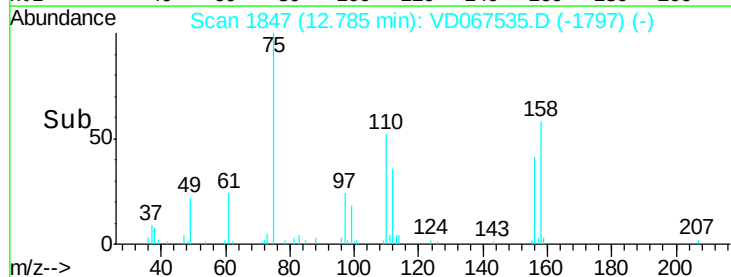
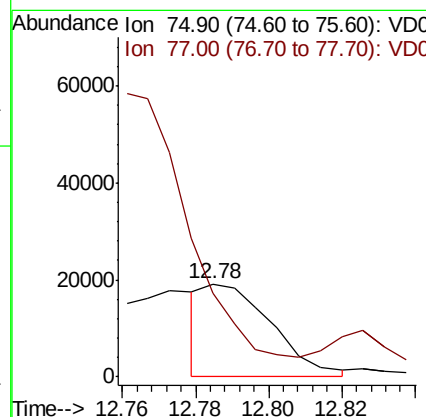
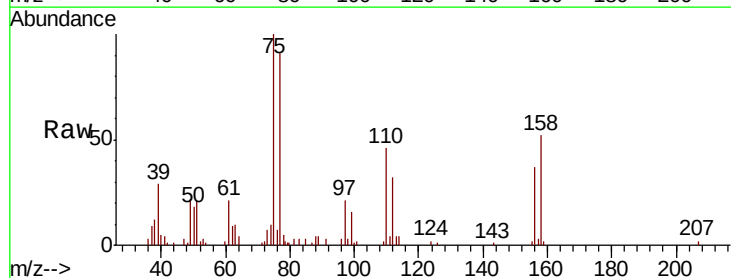
RT: 12.78 min Scan# 1847

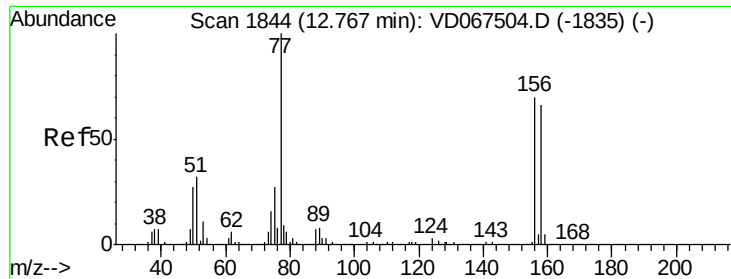
Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	75	Resp:	24603
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.075 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

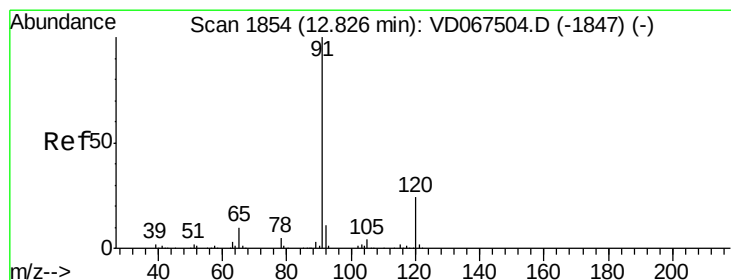
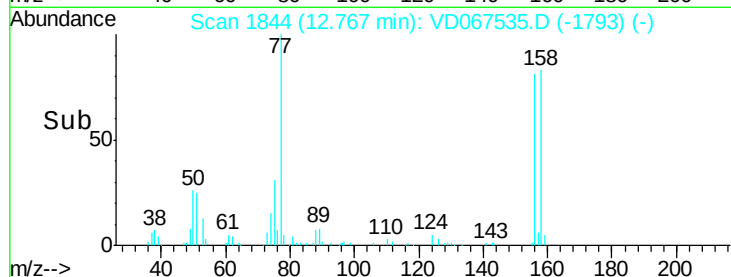
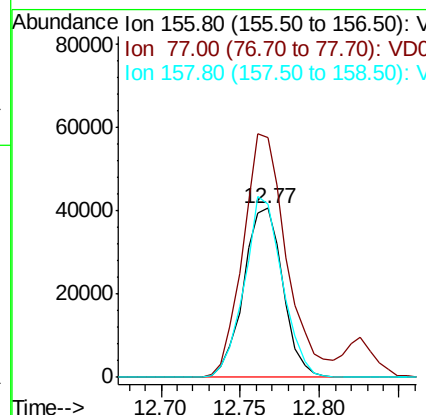
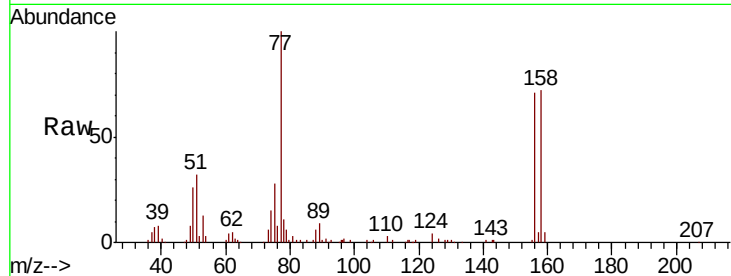
ClientSampleId :

VD1105SBS01

Tot Ion:	156	Resp:	69608
Ion	Ratio	Lower	Upper
156	100		
77	160.5	77.8	233.5
158	103.4	47.9	143.7

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#78

n-propylbenzene

Concen: 21.293 ug/l

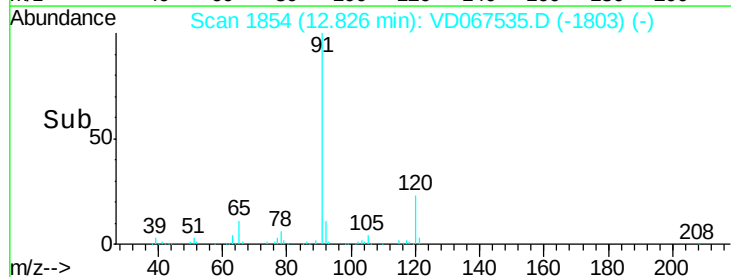
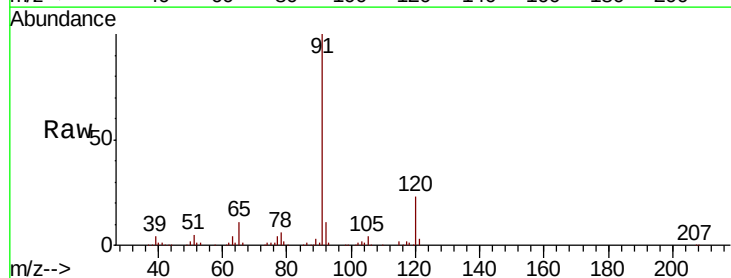
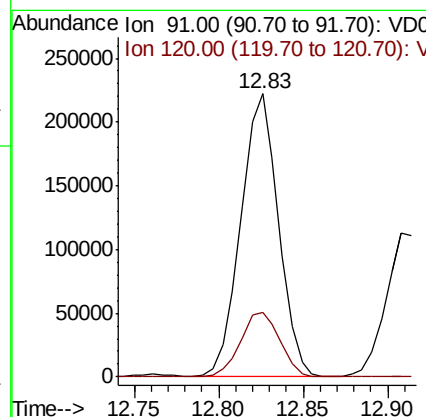
RT: 12.83 min Scan# 1854

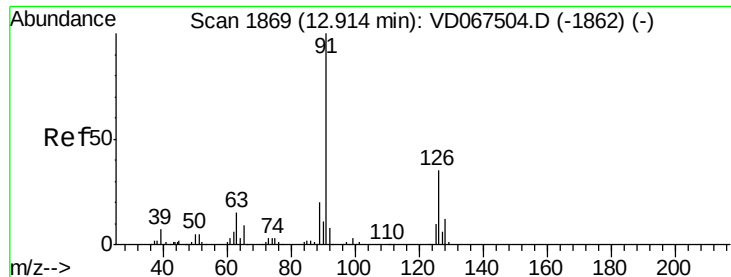
Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	91	Resp:	343870
Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.2	36.4





#79

2-Chlorotoluene

Concen: 21.191 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion: 91 Resp: 194395

Ion Ratio Lower Upper

91 100

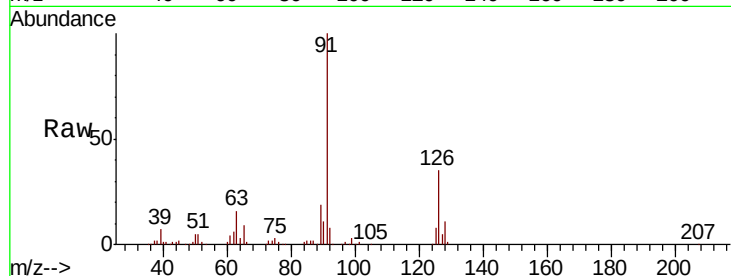
126 36.0 17.8 53.4

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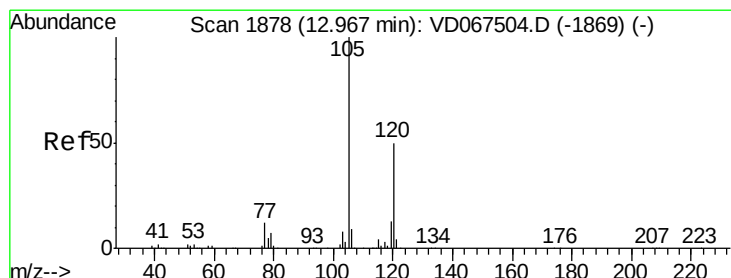
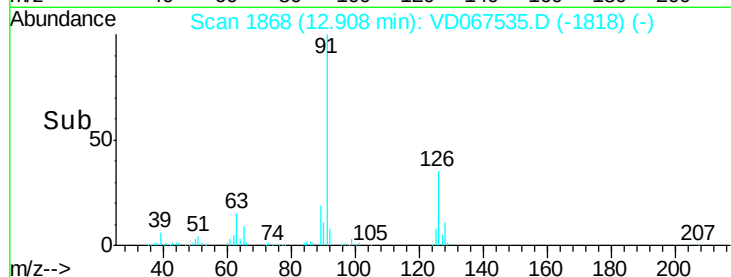
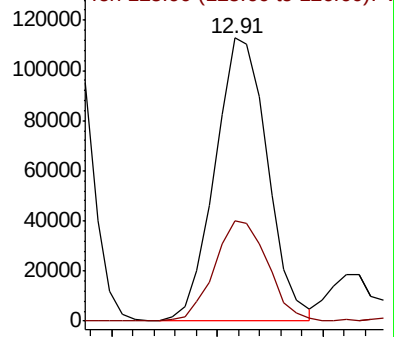
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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.193 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067535.D

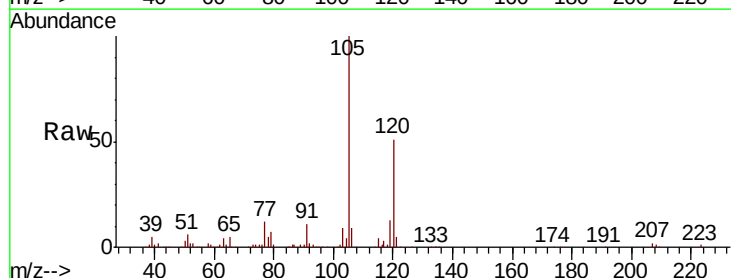
Acq: 05 Nov 2020 10:58

Tgt Ion:105 Resp: 255610

Ion Ratio Lower Upper

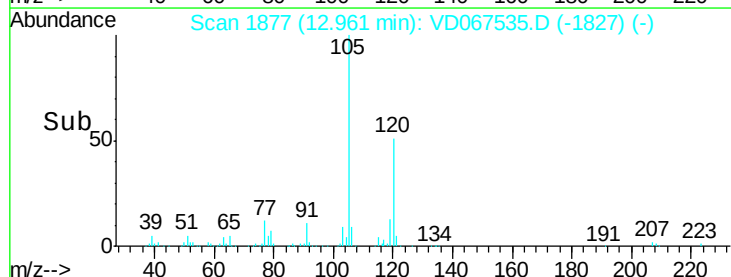
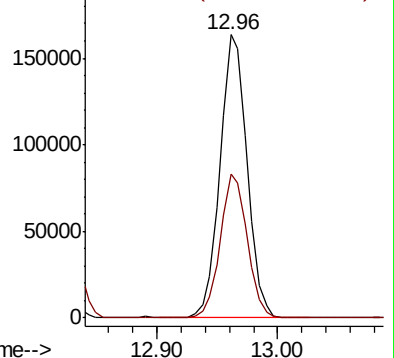
105 100

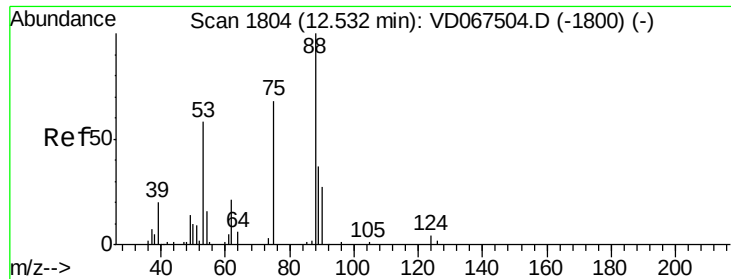
120 50.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





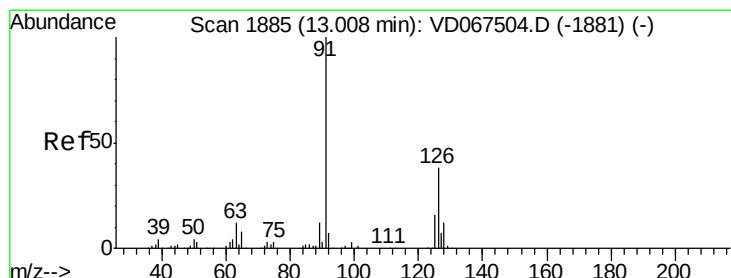
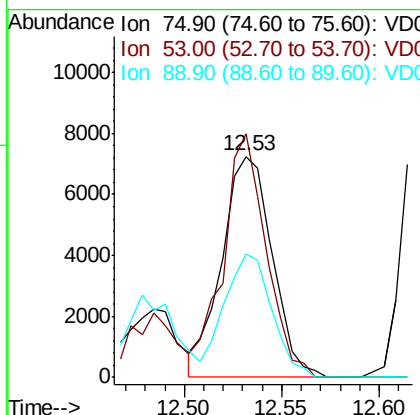
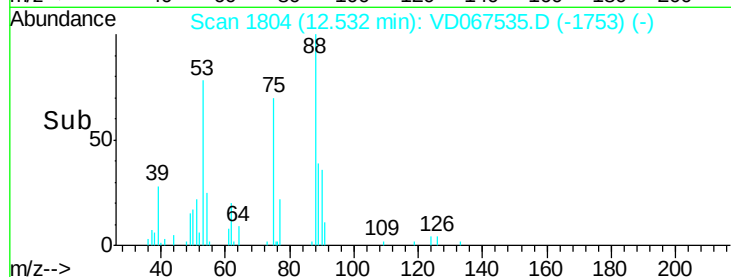
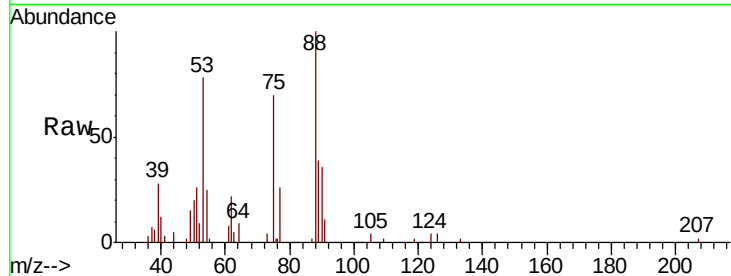
#81
trans-1,4-Dichloro-2-butene
Concen: 19.993 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.1	75.9	113.9
89	52.6	44.6	67.0

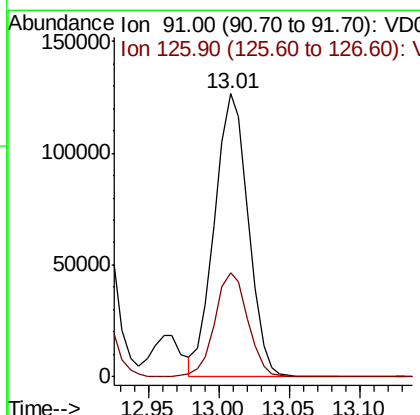
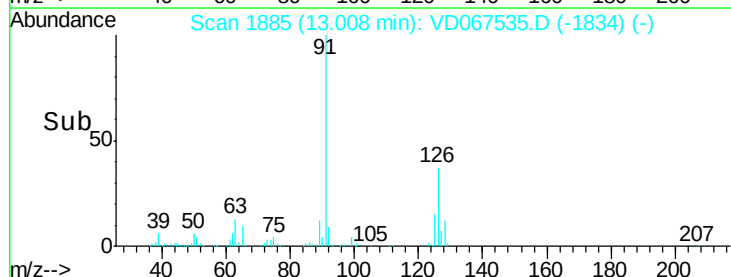
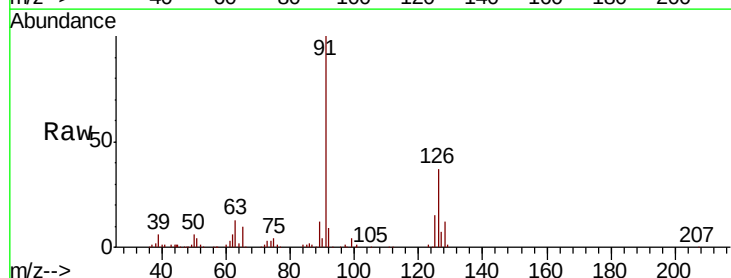
Manual Integrations
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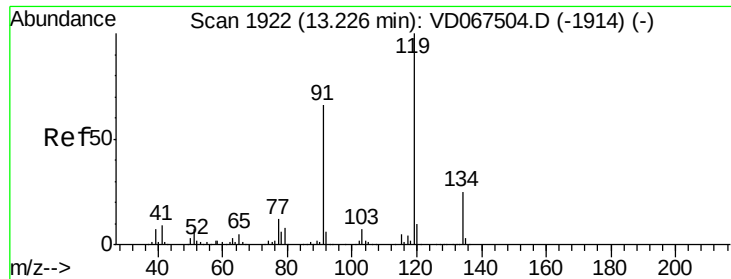
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#82
4-Chlorotoluene
Concen: 21.311 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.7





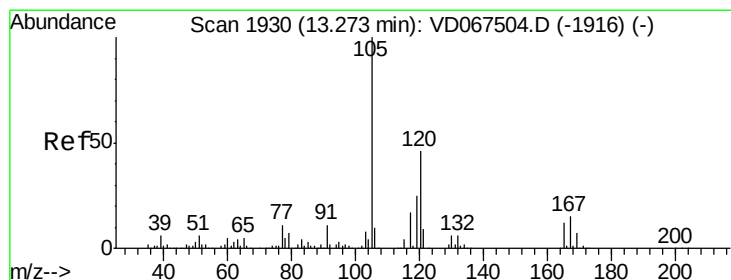
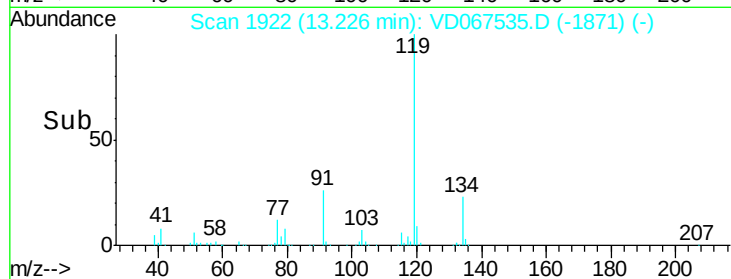
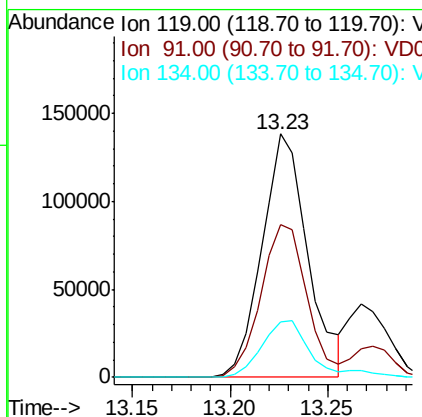
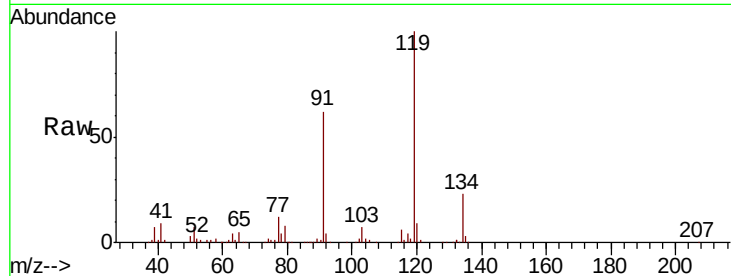
#83
 tert-Butylbenzene
 Concen: 21.976 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.7	98.1
134	25.7	13.4	40.2

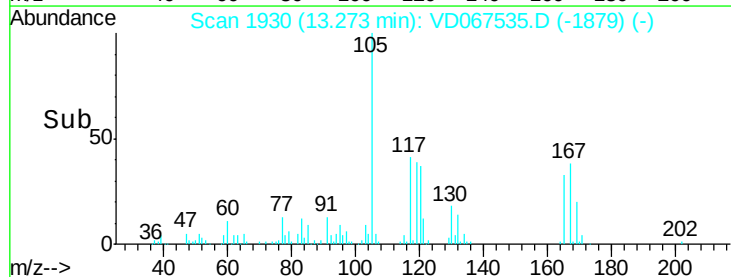
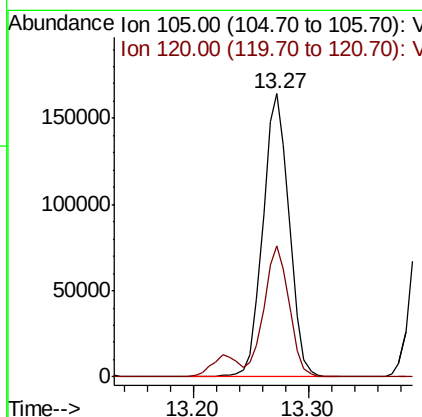
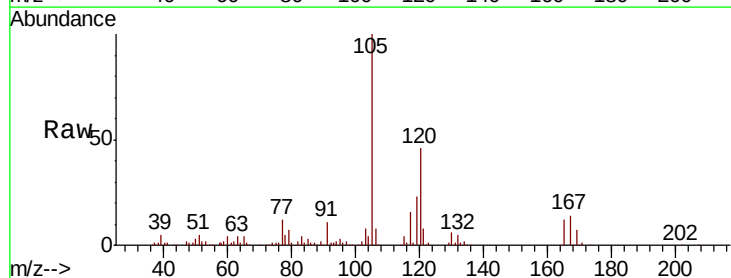
Manual Integrations
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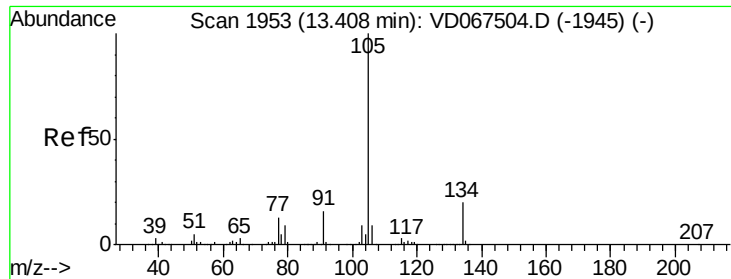
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.739 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.1





#85

sec-Butylbenzene

Concen: 21.363 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD1105SBS01

Tot Ion:105 Resp: 294788

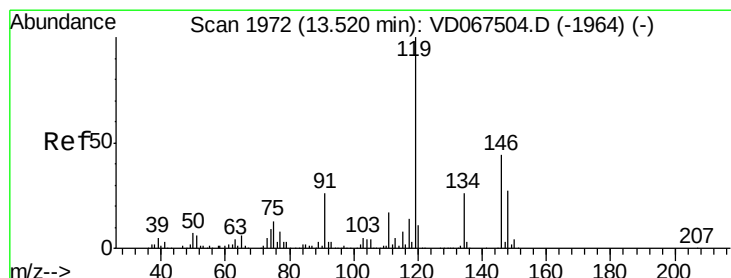
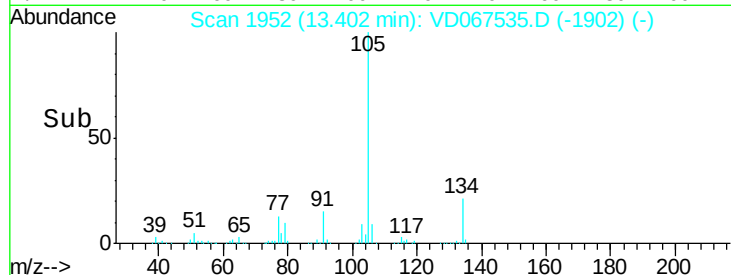
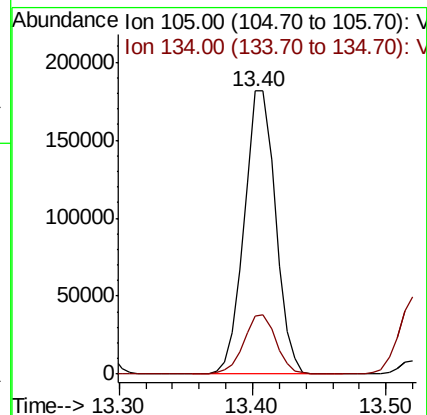
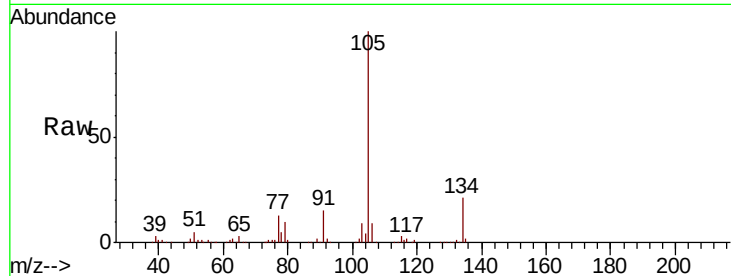
Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 20.872 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

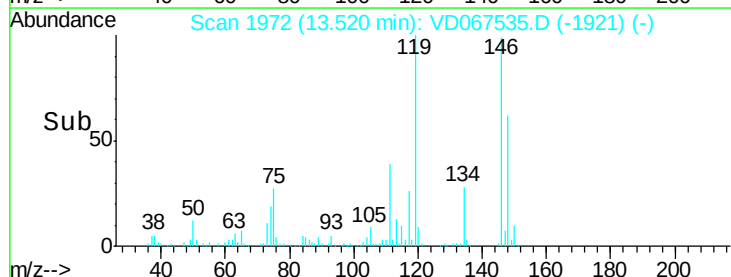
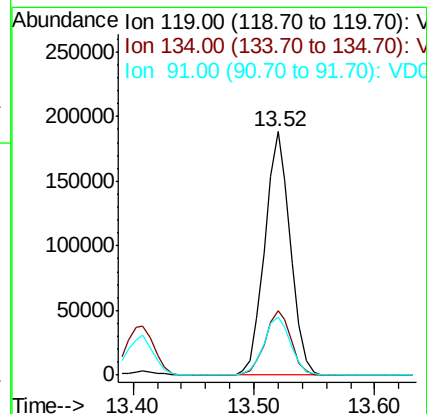
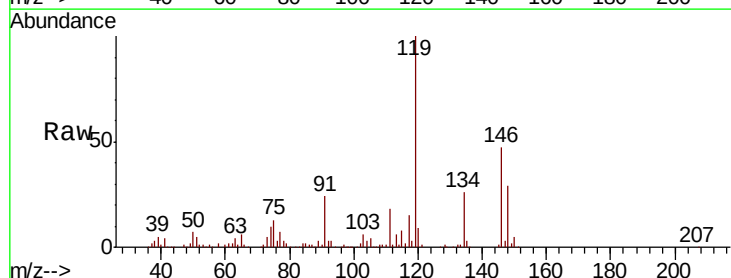
Tgt Ion:119 Resp: 278120

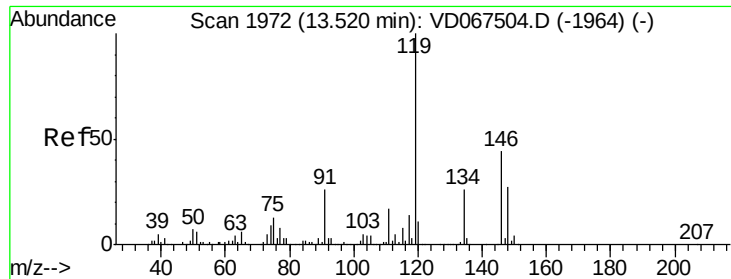
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 25.0 12.2 36.4





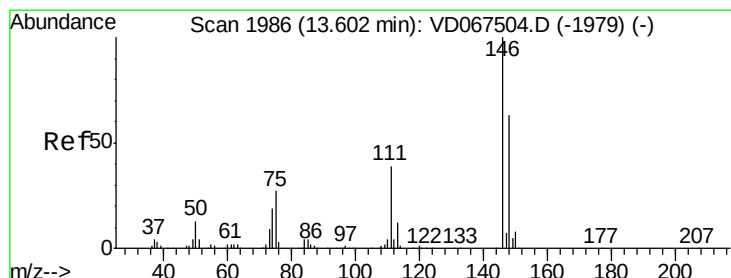
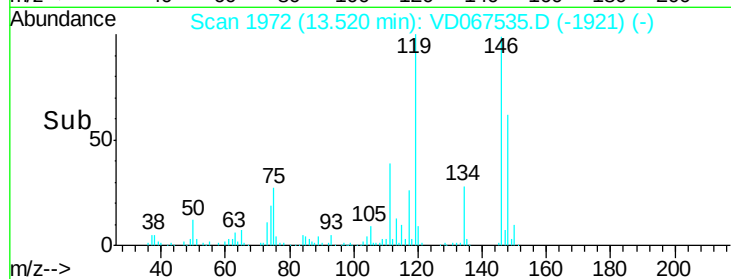
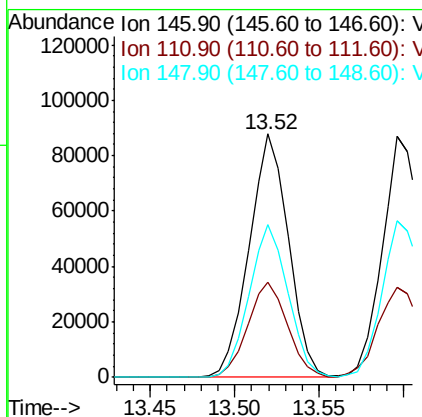
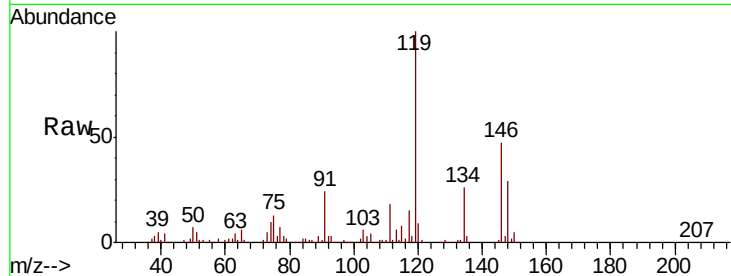
#87
 1,3-Dichlorobenzene
 Concen: 21.552 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	61.8	31.9	95.9

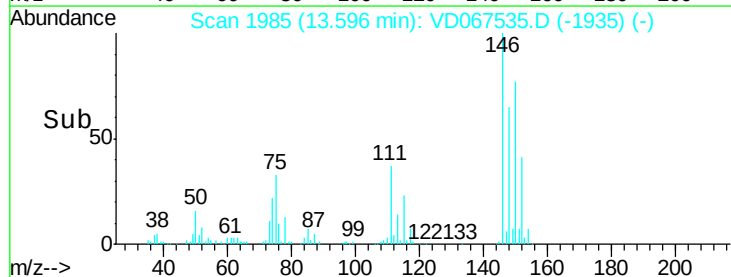
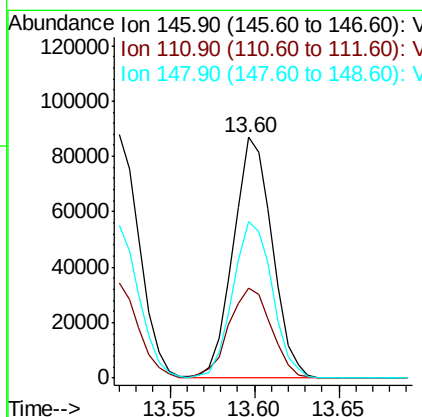
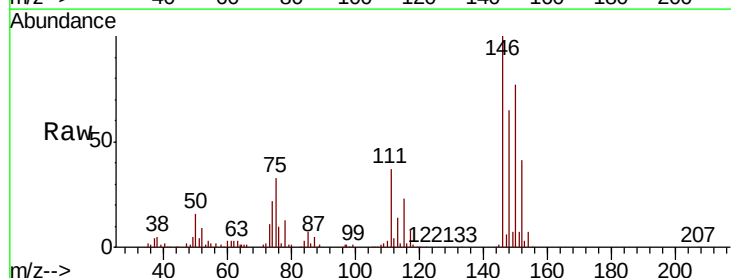
Manual Integrations
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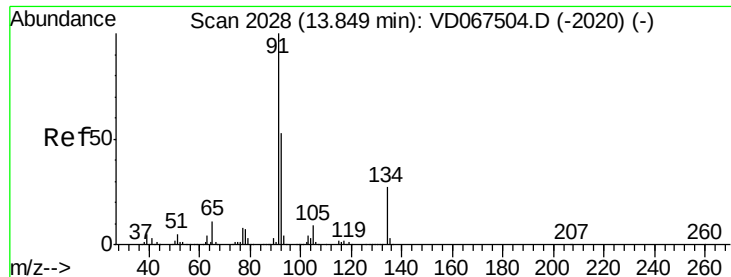
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#88
 1,4-Dichlorobenzene
 Concen: 20.841 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.7
148	66.0	31.8	95.4





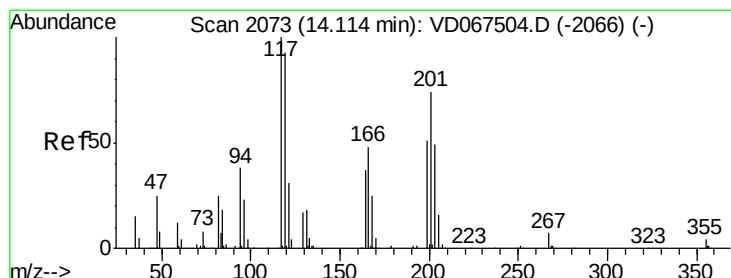
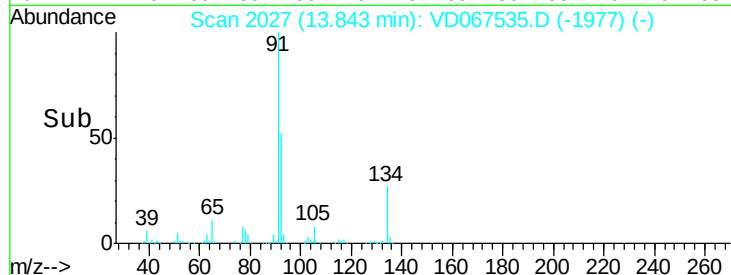
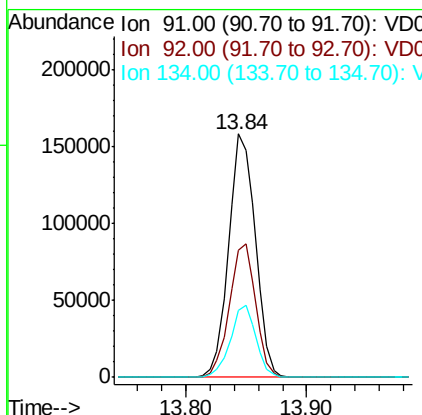
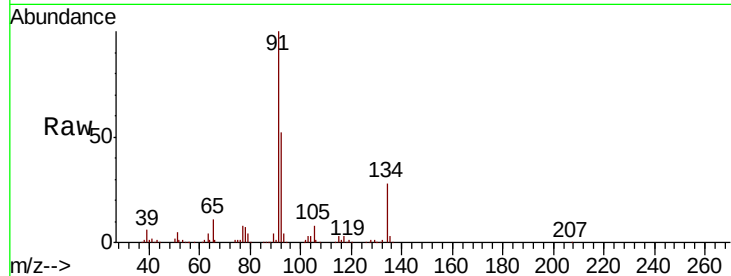
#89
n-Butylbenzene
Concen: 21.136 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	28.4	14.1	42.2

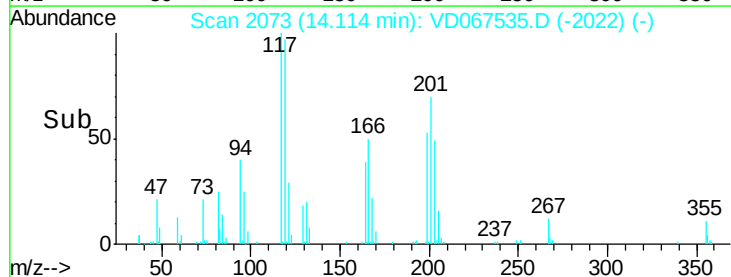
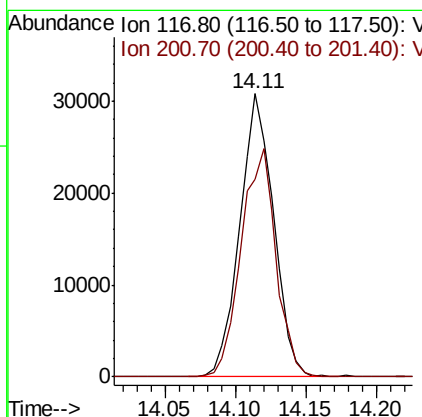
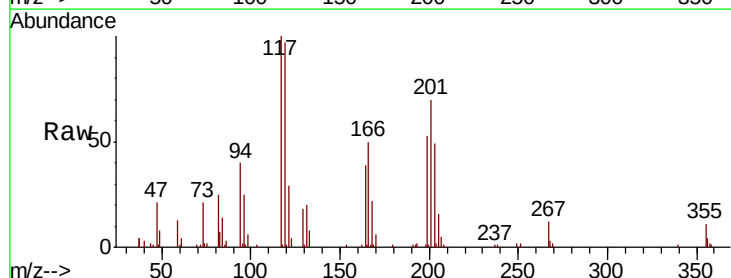
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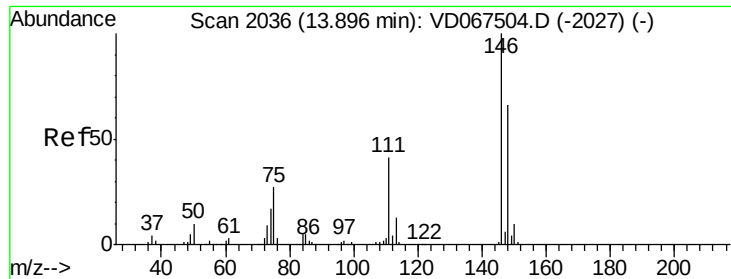
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#90
Hexachloroethane
Concen: 20.534 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067535.D
Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	40.7	122.1





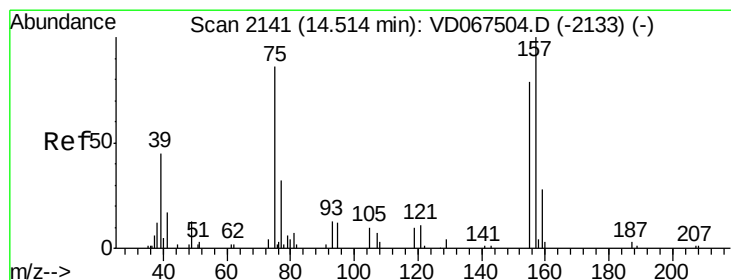
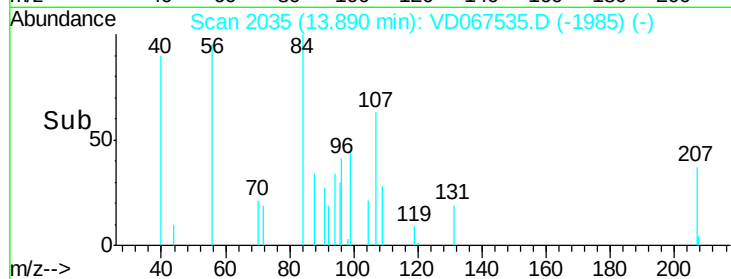
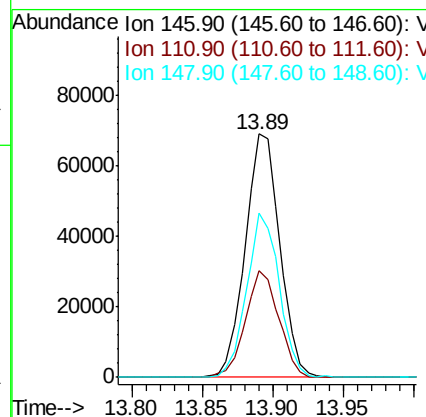
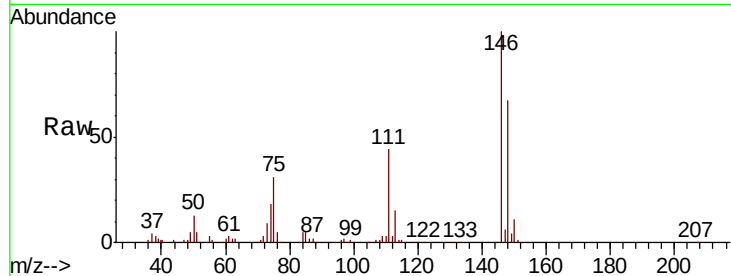
#91
 1,2-Dichlorobenzene
 Concen: 20.707 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	63.7	31.5	94.5

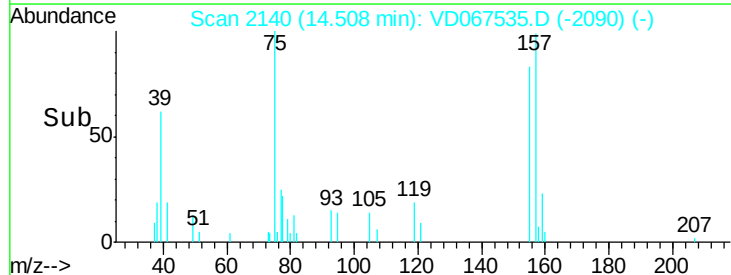
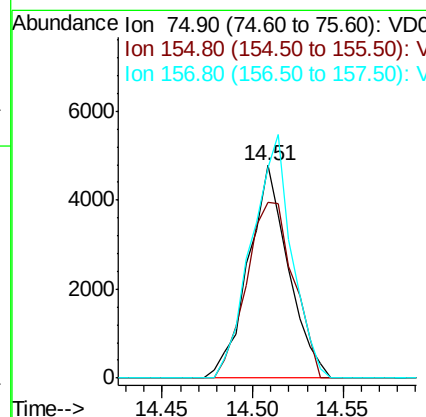
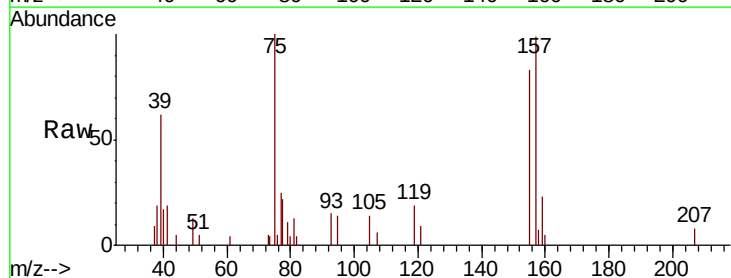
Manual Integrations
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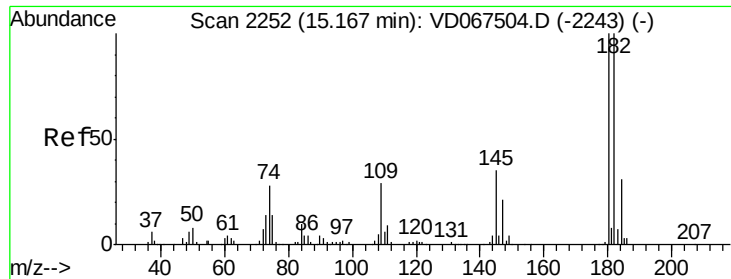
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.671 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	46.6	139.8
157	114.3	58.1	174.2





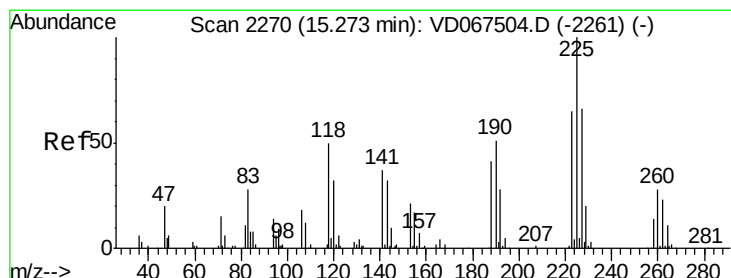
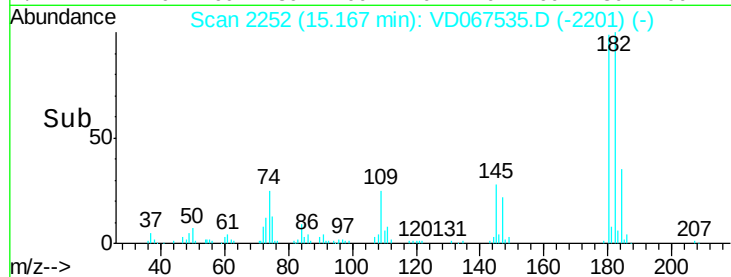
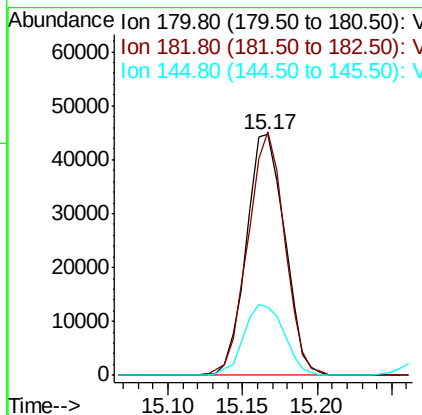
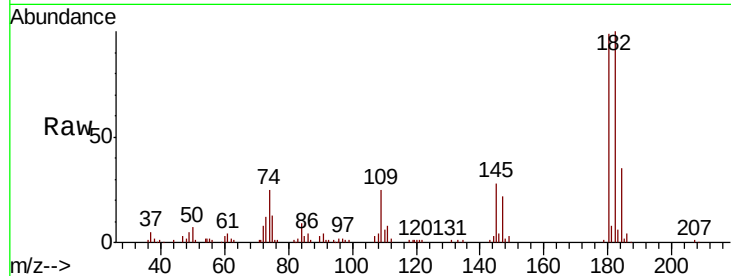
#93
 1,2,4-Trichlorobenzene
 Concen: 20.470 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.3
145	30.8	16.2	48.6

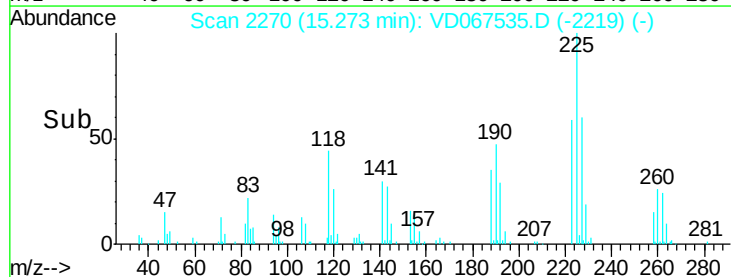
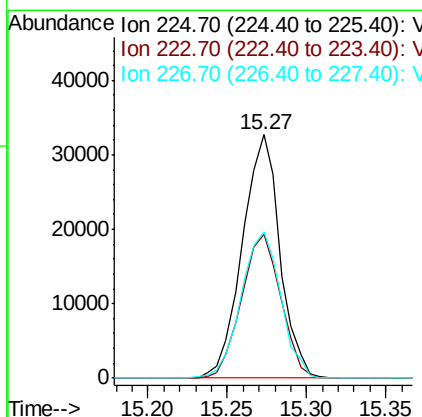
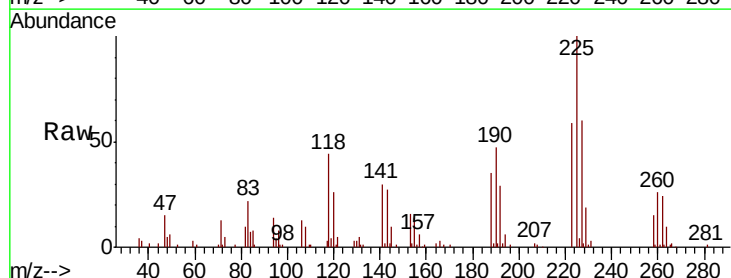
Manual Integrations
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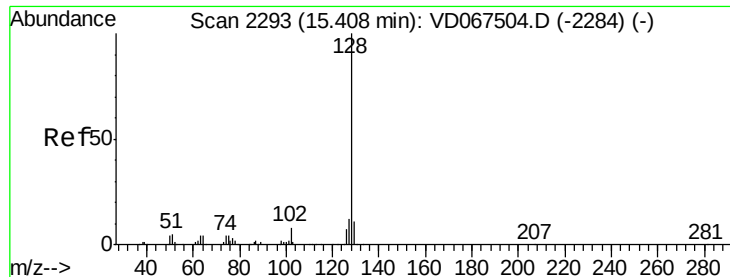
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#94
 Hexachlorobutadiene
 Concen: 20.677 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067535.D
 Acq: 05 Nov 2020 10:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.5
227	63.4	32.5	97.4





#95

Naphthalene

Concen: 20.002 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Instrument :

MSVOA_D

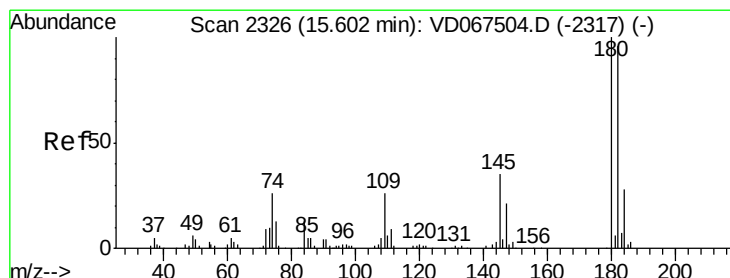
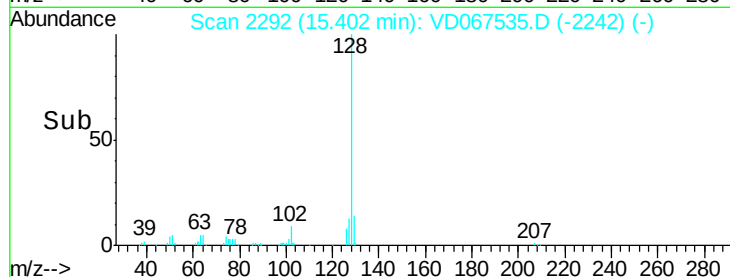
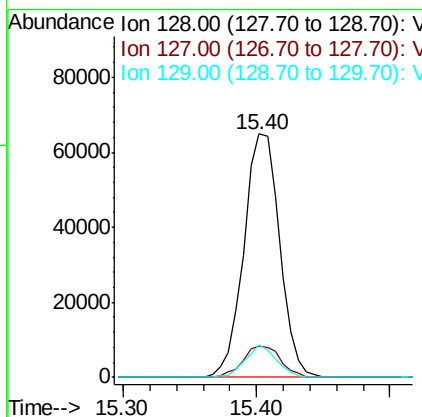
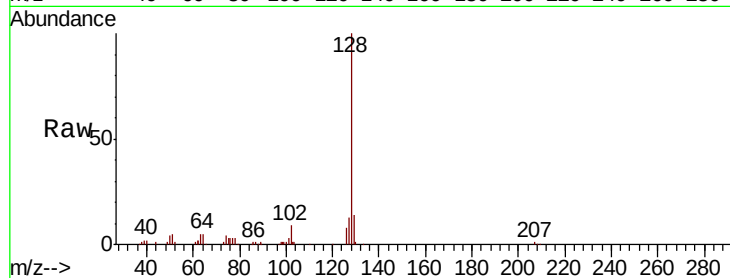
ClientSampleId :

VD1105SBS01

Tot Ion:	128	Resp:	119967
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.2	15.4
129	11.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.406 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067535.D

Acq: 05 Nov 2020 10:58

Tgt Ion:	180	Resp:	67913
Ion Ratio	Lower	Upper	
180	100		
182	97.8	46.9	140.8
145	33.6	17.1	51.2

