

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067546.D
 Acq On : 06 Nov 2020 11:37
 Operator : VA/SY
 Sample : VD1106SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:13:21 AM

Quant Time: Nov 06 23:40:38 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	311844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	452644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	130823	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.92	113	131671	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.34	98	454651	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.64	95	165019	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64357	23.043	ug/l	97
3) Chloromethane	2.21	50	40153	20.677	ug/l	92
4) Vinyl Chloride	2.35	62	42366	19.568	ug/l	97
5) Bromomethane	2.76	94	34908	19.893	ug/l	97
6) Chloroethane	2.91	64	26204	19.631	ug/l	90
7) Trichlorofluoromethane	3.27	101	119610	21.337	ug/l	99
8) Diethyl Ether	3.70	74	23805	21.074	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	63653	22.495	ug/l	96
10) Methyl Iodide	4.30	142	55785	18.394	ug/l	98
11) Tert butyl alcohol	5.21	59	19460m	158.191	ug/l	
12) 1,1-Dichloroethene	4.07	96	54856	21.076	ug/l	95
13) Acrolein	3.93	56	6719	77.573	ug/l	100
14) Allyl chloride	4.72	41	55149	19.797	ug/l	98
15) Acrylonitrile	5.41	53	45813	109.718	ug/l	99
16) Acetone	4.16	43	42334	103.749	ug/l	89
17) Carbon Disulfide	4.41	76	162586	20.385	ug/l	99
18) Methyl Acetate	4.71	43	19063	22.608	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	111865	21.789	ug/l	95
20) Methylene Chloride	4.97	84	71433	24.783	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	61170	20.178	ug/l	98
22) Diisopropyl ether	6.37	45	119484	22.011	ug/l	95
23) Vinyl Acetate	6.31	43	306845	107.986	ug/l	100
24) 1,1-Dichloroethane	6.27	63	92505	20.830	ug/l	99
25) 2-Butanone	7.21	43	48277	110.727	ug/l	99
26) 2,2-Dichloropropane	7.21	77	98964	21.115	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	68932	21.906	ug/l	99
28) Bromochloromethane	7.55	49	31089	19.681	ug/l	97
29) Tetrahydrofuran	7.57	42	29866	114.356	ug/l	98
30) Chloroform	7.71	83	114496	21.611	ug/l	99
31) Cyclohexane	7.98	56	79521	20.108	ug/l	# 79
32) 1,1,1-Trichloroethane	7.91	97	115723	21.170	ug/l	99
36) 1,1-Dichloropropene	8.11	75	84706	21.862	ug/l	99
37) Ethyl Acetate	7.29	43	22188	22.058	ug/l	98
38) Carbon Tetrachloride	8.10	117	114024	22.650	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97889	21.466	ug/l	94
40) Benzene	8.35	78	234500	22.343	ug/l	98
41) Methacrylonitrile	7.51	41	11380	18.926	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	73017	22.517	ug/l	100
43) Isopropyl Acetate	8.46	43	46708	23.479	ug/l	99
44) Trichloroethene	9.11	130	75117	21.767	ug/l	92
45) 1,2-Dichloropropane	9.39	63	50667	22.329	ug/l	93
46) Dibromomethane	9.47	93	33109	22.948	ug/l	97
47) Bromodichloromethane	9.66	83	88934	22.679	ug/l	95
48) Methyl methacrylate	9.46	41	23165	22.553	ug/l	97
49) 1,4-Dioxane	9.47	88	7139	487.412	ug/l #	89
51) 4-Methyl-2-Pentanone	10.23	43	109875	115.485	ug/l	98
52) Toluene	10.41	92	159094	22.632	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	76903	22.897	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	89703	22.480	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	43520	22.797	ug/l	95
56) Ethyl methacrylate	10.67	69	43239	21.934	ug/l	96
57) 1,3-Dichloropropane	10.95	76	70429	22.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	99406	108.133	ug/l	99
59) 2-Hexanone	10.99	43	78720	118.334	ug/l	96
60) Dibromochloromethane	11.14	129	64066	22.687	ug/l	99
61) 1,2-Dibromoethane	11.25	107	41989	21.916	ug/l	99
64) Tetrachloroethene	10.88	164	67841	22.064	ug/l	99
65) Chlorobenzene	11.67	112	175462	21.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	68553	21.749	ug/l	99
67) Ethyl Benzene	11.75	91	301965	22.066	ug/l	97
68) m/p-Xylenes	11.86	106	238965	44.884	ug/l	98
69) o-Xylene	12.18	106	105600	22.216	ug/l	100
70) Styrene	12.20	104	184376	22.260	ug/l	98
71) Bromoform	12.37	173	38284	23.815	ug/l #	96
73) Isopropylbenzene	12.48	105	303200	21.955	ug/l	99
74) N-amyl acetate	12.29	43	41243	22.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	43565	23.135	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	26829m	20.813	ug/l	
77) Bromobenzene	12.76	156	75715	22.325	ug/l	97
78) n-propylbenzene	12.83	91	345372	21.865	ug/l	99
79) 2-Chlorotoluene	12.91	91	197873	22.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	262868	22.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	13040	20.538	ug/l	95
82) 4-Chlorotoluene	13.01	91	215753	22.420	ug/l	97
83) tert-Butylbenzene	13.23	119	220797	22.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	260335	22.170	ug/l	98
85) sec-Butylbenzene	13.41	105	291797	21.620	ug/l	98
86) p-Isopropyltoluene	13.52	119	285470	21.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	143848	22.228	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140657	21.465	ug/l	98
89) n-Butylbenzene	13.85	91	241290	21.433	ug/l	99
90) Hexachloroethane	14.11	117	54475	22.195	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	120773	21.563	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7963	23.883	ug/l	95

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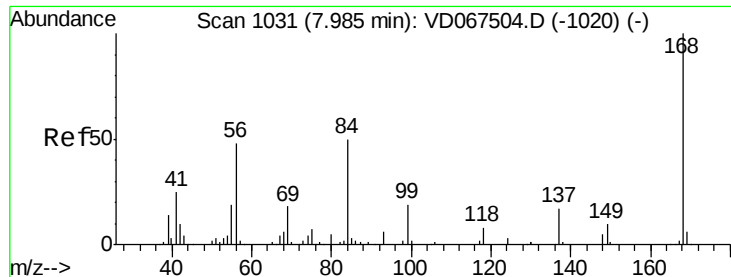
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	84283	22.172	ug/l	98
94) Hexachlorobutadiene	15.27	225	51438	20.218	ug/l	99
95) Naphthalene	15.40	128	133057	22.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	71682	22.020	ug/l	99

(#) = 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: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion:168 Resp: 311844

Ion Ratio Lower Upper

168 100

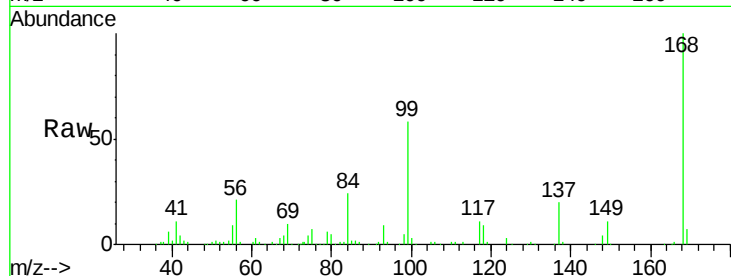
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Manual Integrations

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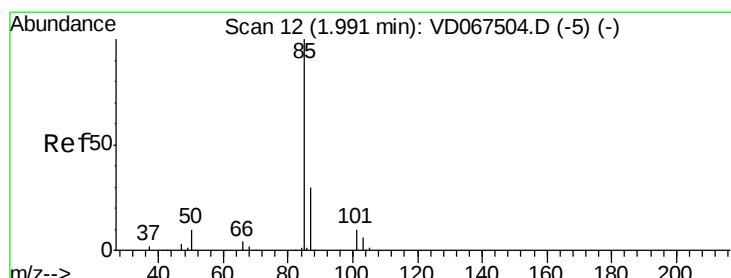
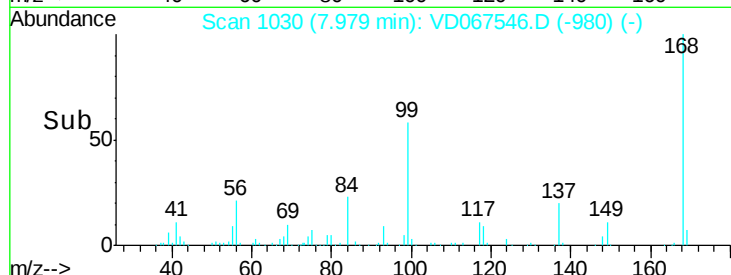
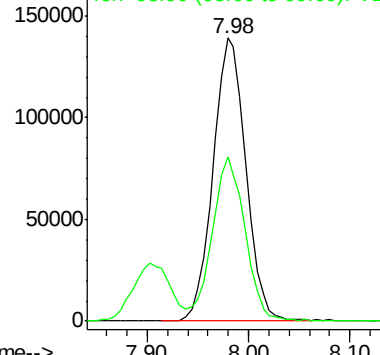
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.043 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067546.D

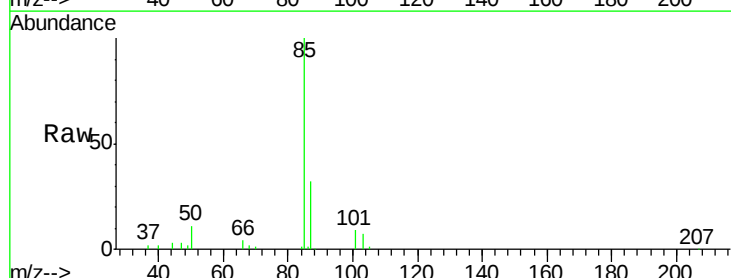
Acq: 06 Nov 2020 11:37

Tgt Ion: 85 Resp: 64357

Ion Ratio Lower Upper

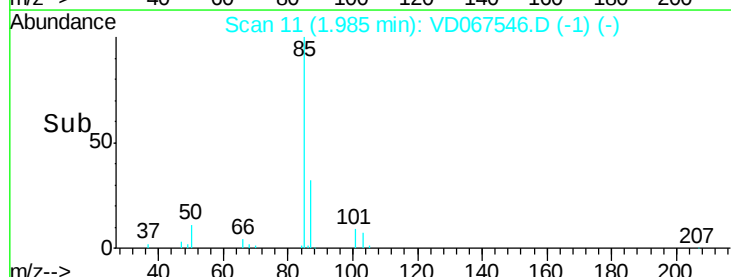
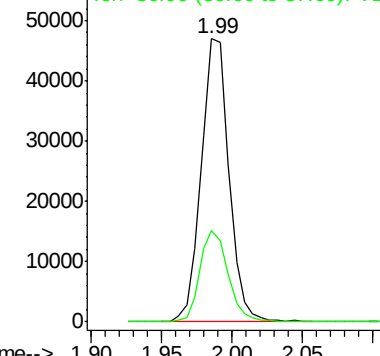
85 100

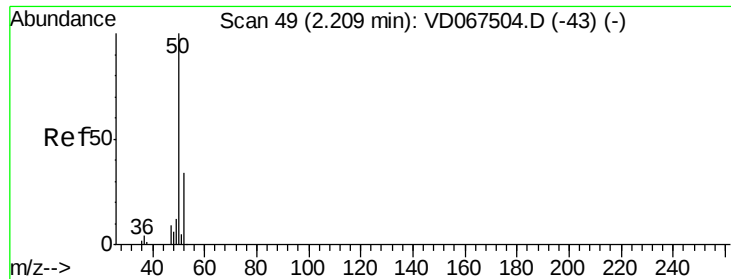
87 32.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.677 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 50 Resp: 40153

Ion Ratio Lower Upper

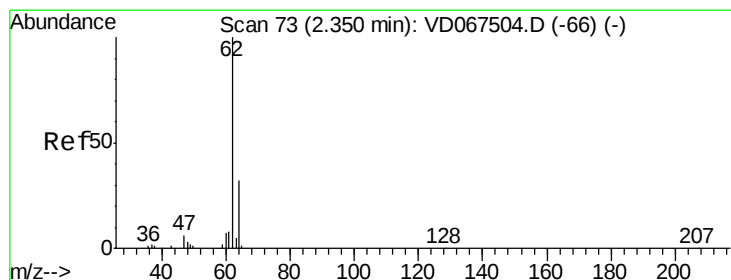
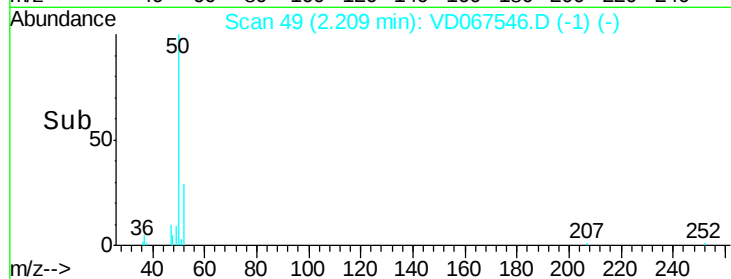
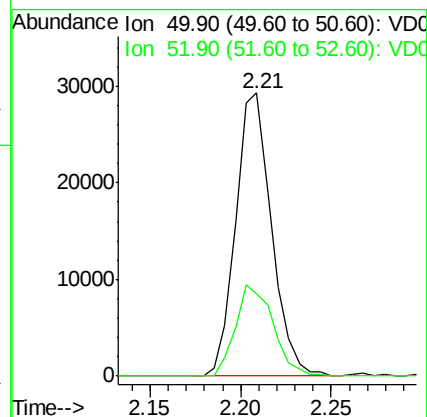
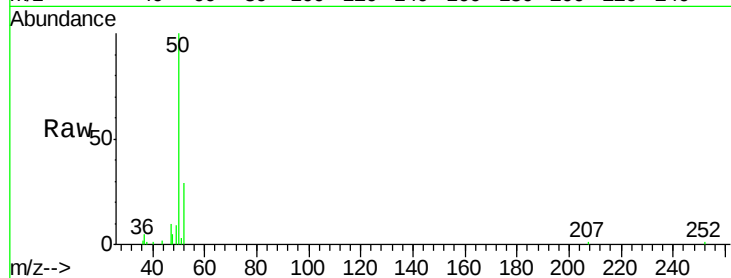
50 100

52 29.3 27.3 40.9

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#4

Vinyl Chloride

Concen: 19.568 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067546.D

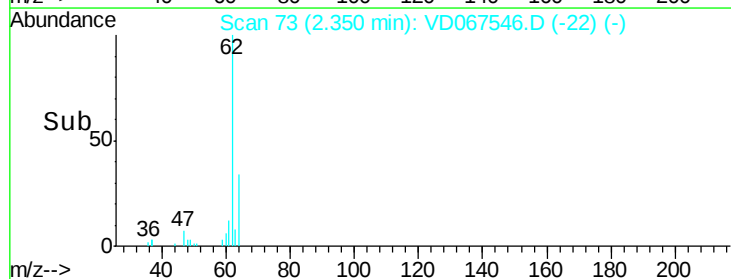
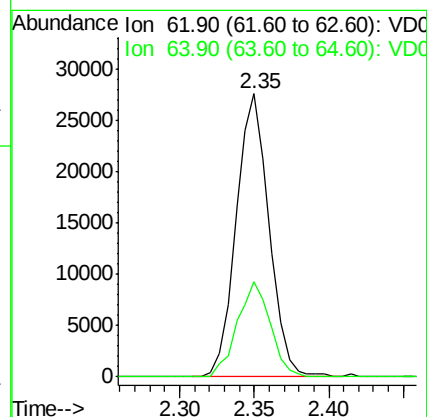
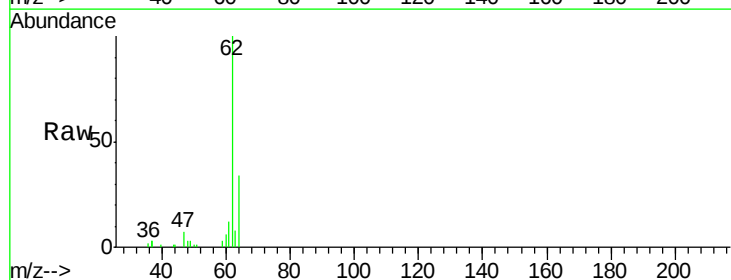
Acq: 06 Nov 2020 11:37

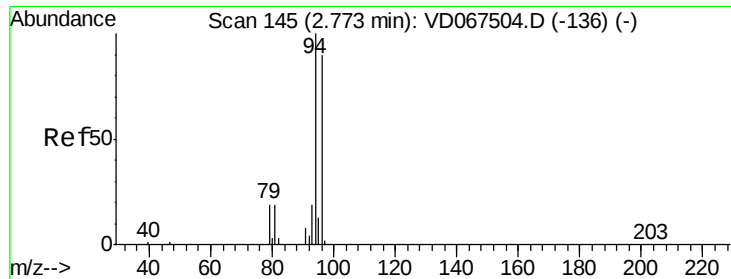
Tgt Ion: 62 Resp: 42366

Ion Ratio Lower Upper

62 100

64 33.7 25.6 38.4





#5

Bromomethane

Concen: 19.893 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 94 Resp: 34908

Ion Ratio Lower Upper

94 100

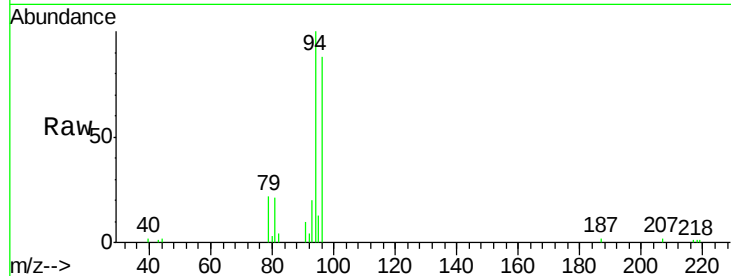
96 87.8 72.2 108.2

Manual Integrations

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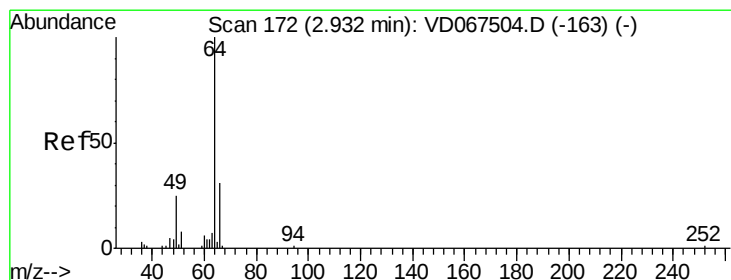
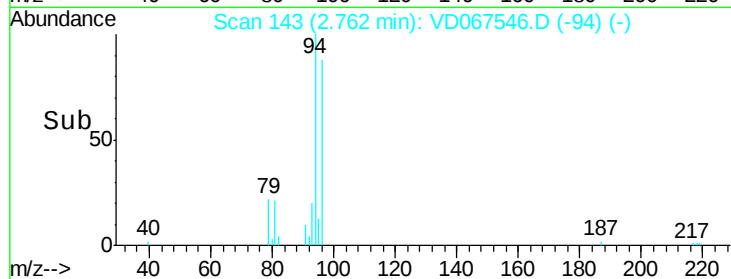
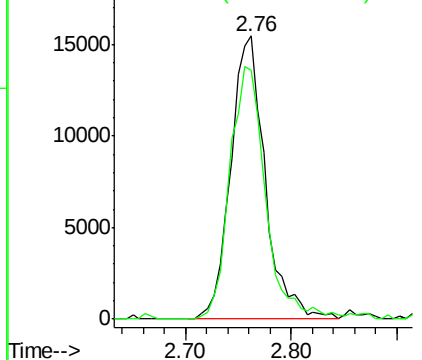
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.631 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.02 min

Lab File: VD067546.D

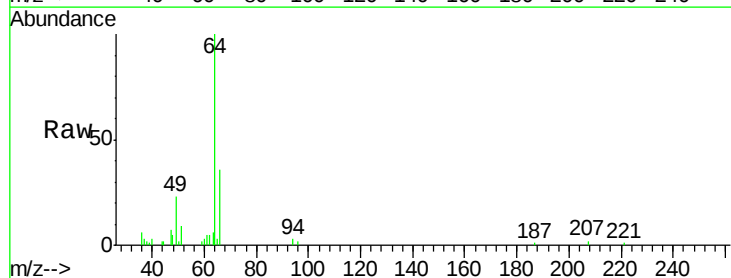
Acq: 06 Nov 2020 11:37

Tgt Ion: 64 Resp: 26204

Ion Ratio Lower Upper

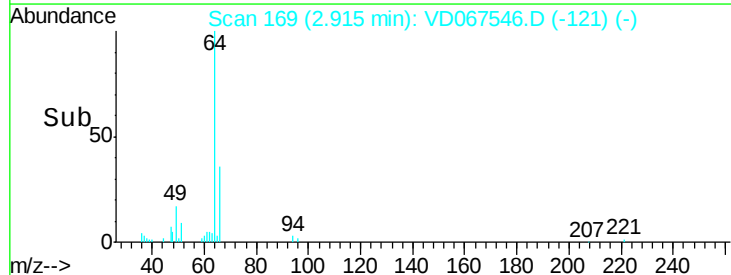
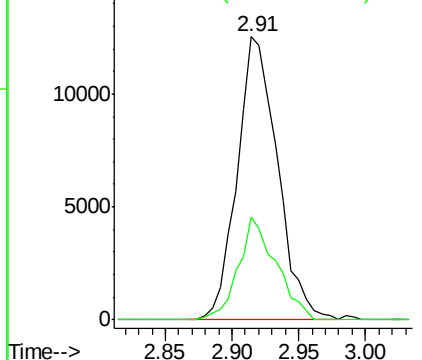
64 100

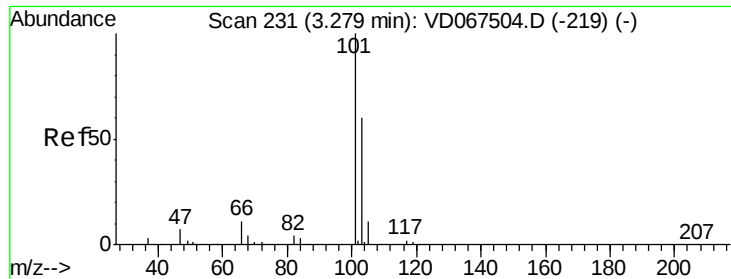
66 36.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

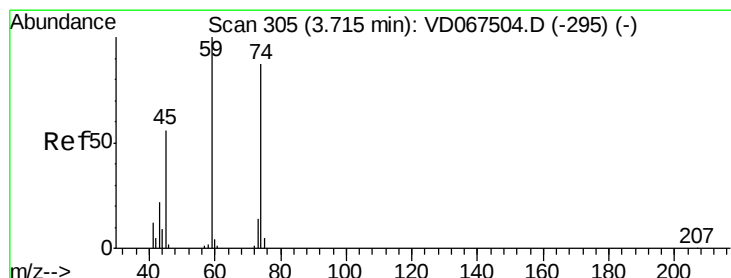
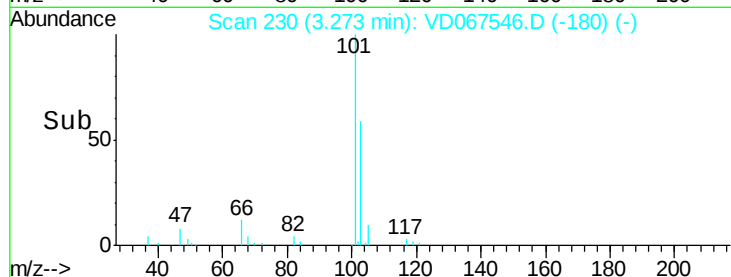
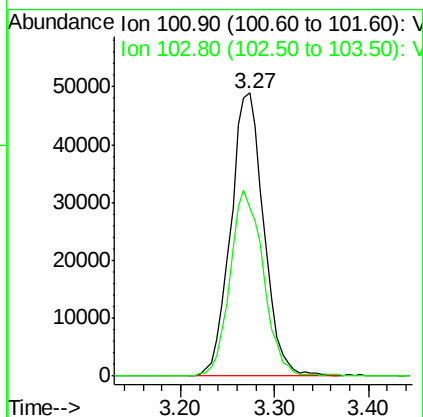
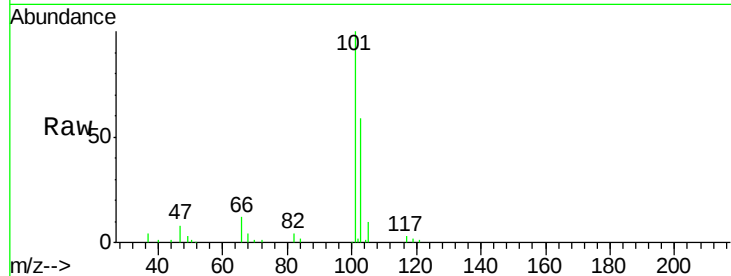
Trichlorofluoromethane
Concen: 21.337 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		119610		
103	59.4	48.1	72.1		

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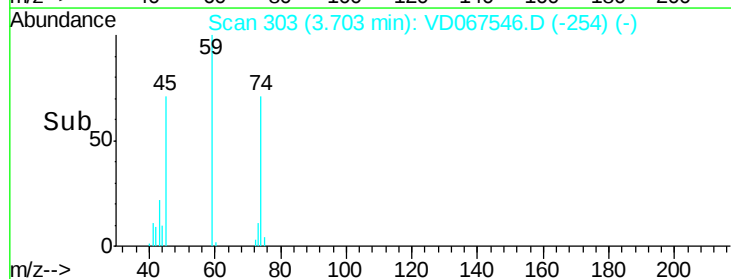
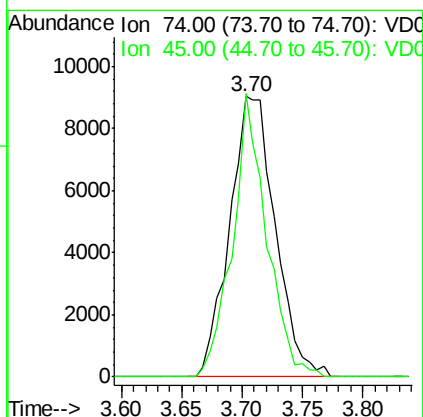
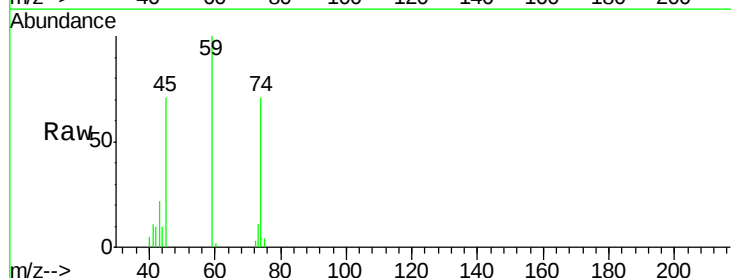
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11/9/2020 10:13:21 AM

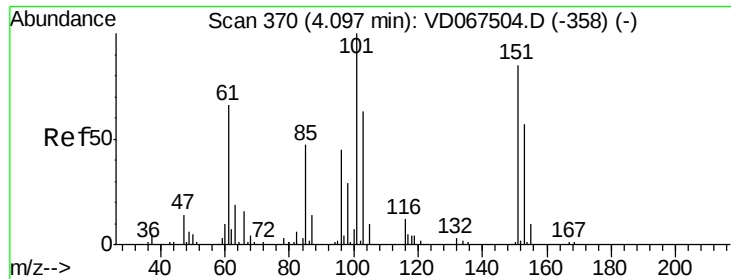


#8

Diethyl Ether
Concen: 21.074 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		23805		
45	75.2	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.495 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

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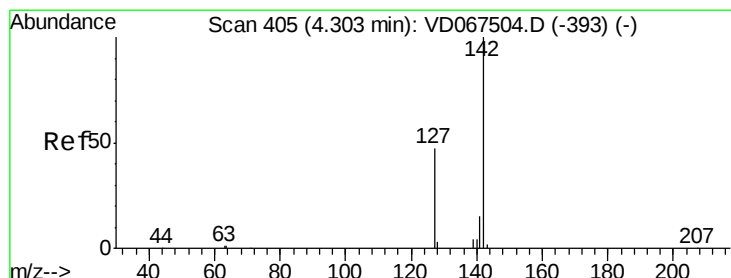
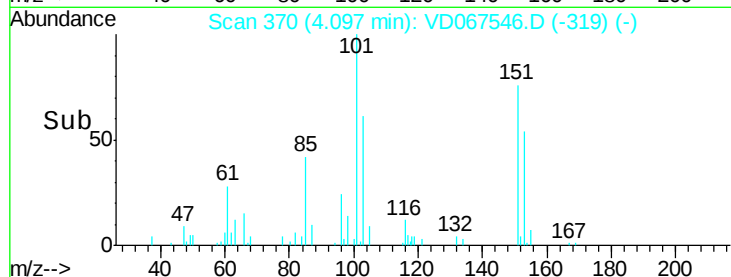
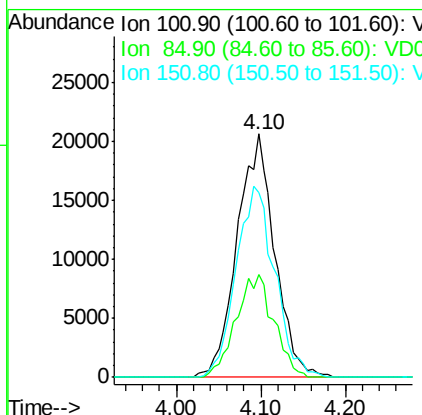
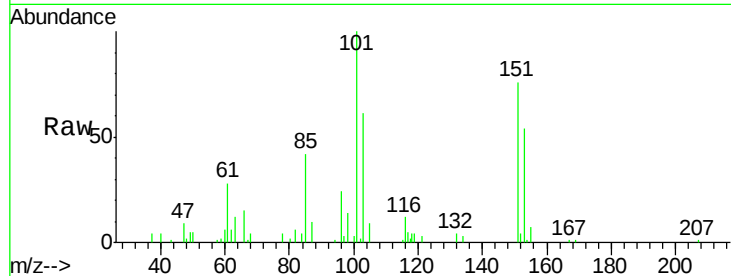
ClientSampleId :

VD1106SBS01

Tot Ion:	101	Resp:	63653
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	80.8	68.1	102.1

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#10

Methyl Iodide

Concen: 18.394 ug/l

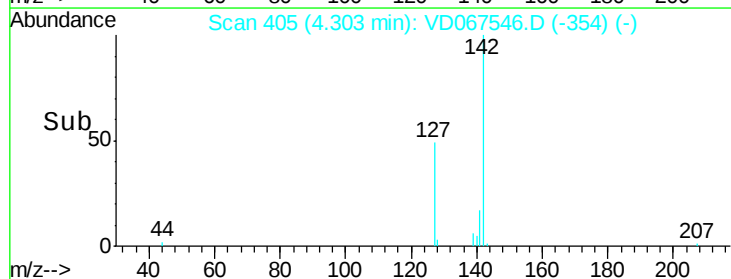
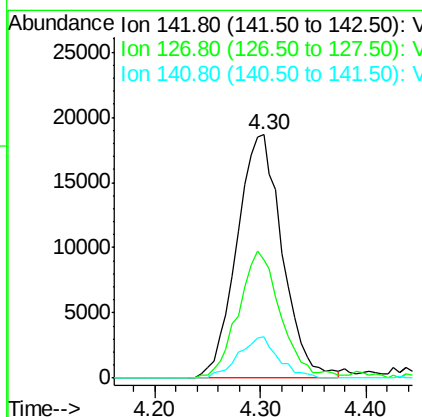
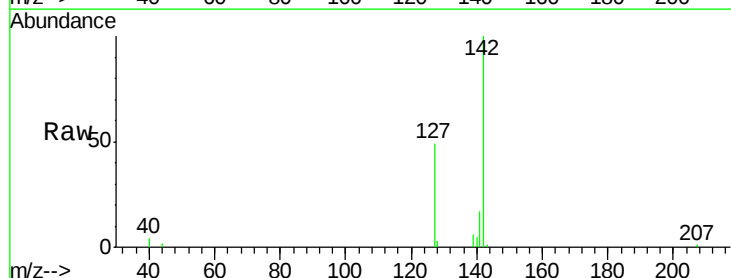
RT: 4.30 min Scan# 405

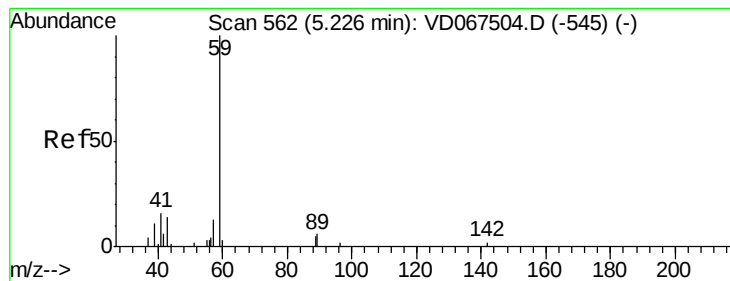
Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	142	Resp:	55785
Ion Ratio	Lower	Upper	
142	100		
127	48.7	40.0	60.0
141	14.9	11.7	17.5





#11

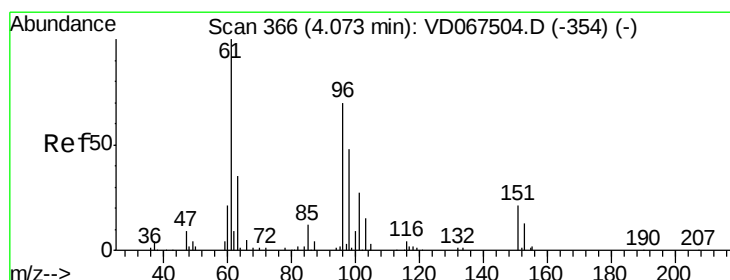
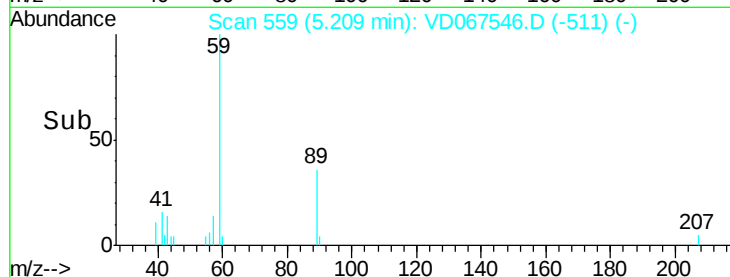
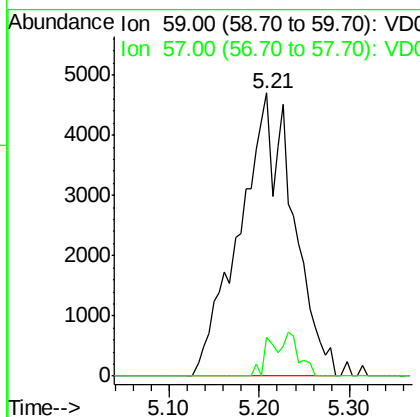
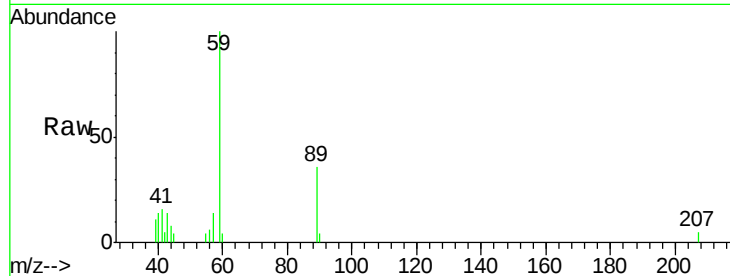
Tert butyl alcohol
 Concen: 158.191 ug/l m
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	19460		
57	3.2		5.9	8.9#

Manual Integrations
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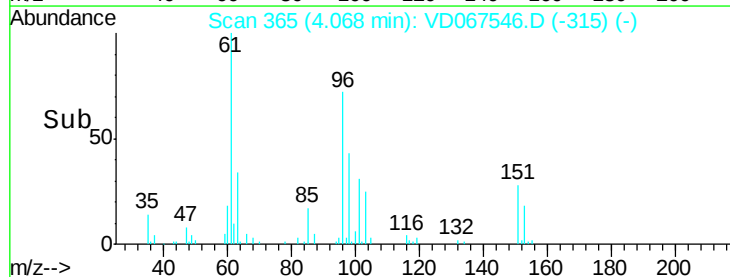
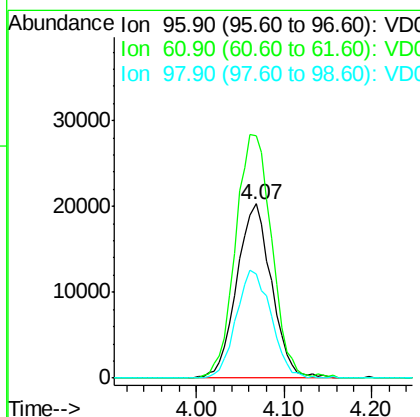
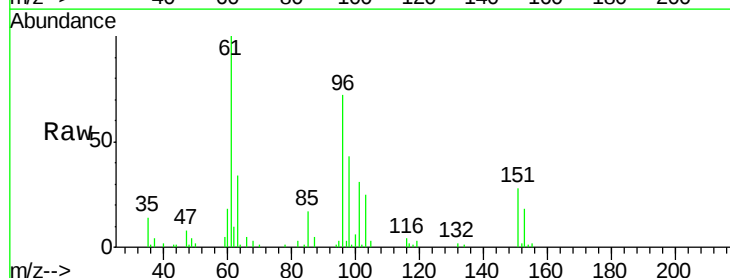
MMDadoda
 11/9/2020 10:13:21 AM

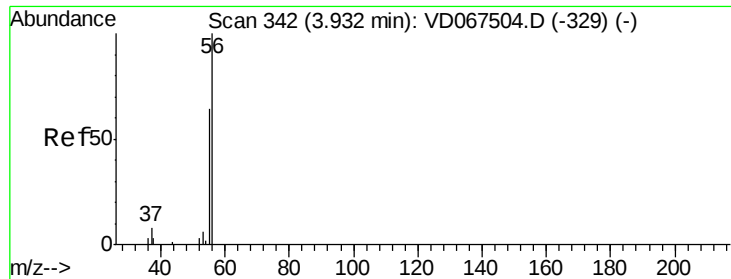


#12

1,1-Dichloroethene
 Concen: 21.076 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54856		
61	139.4		114.5	171.7
98	59.9		54.5	81.7





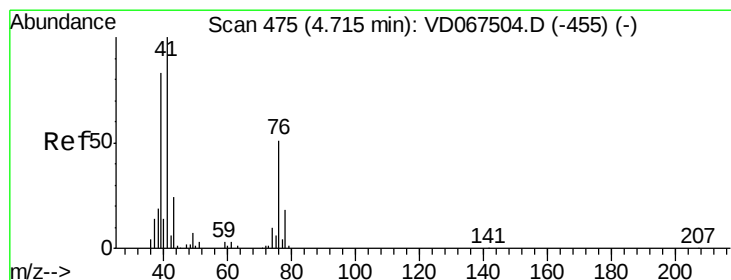
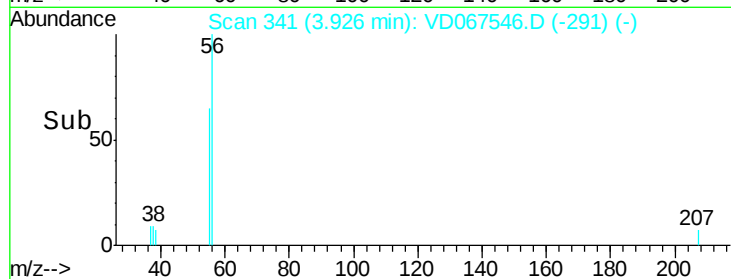
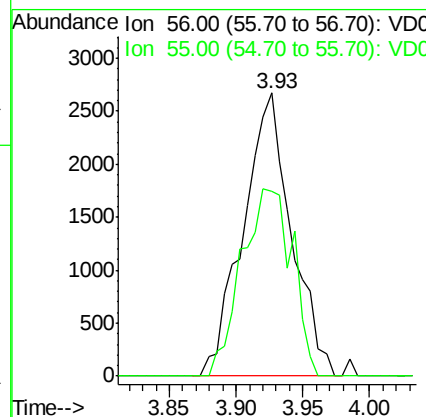
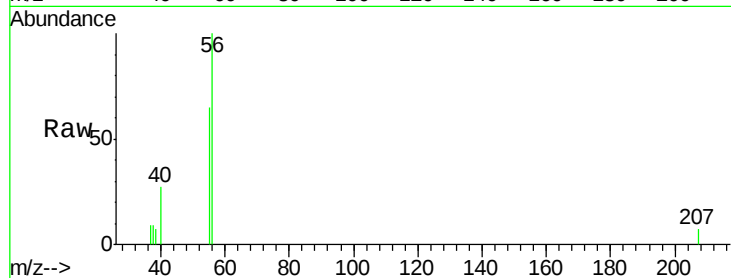
#13
Acrolein
Concen: 77.573 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.8	83.8

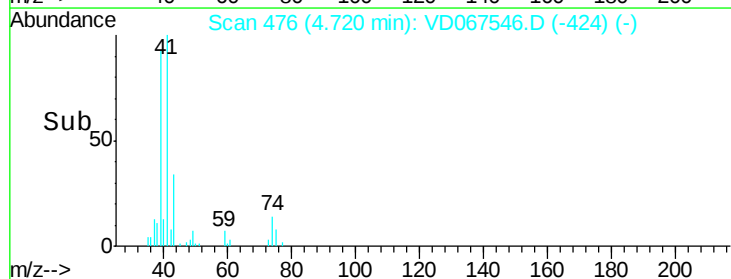
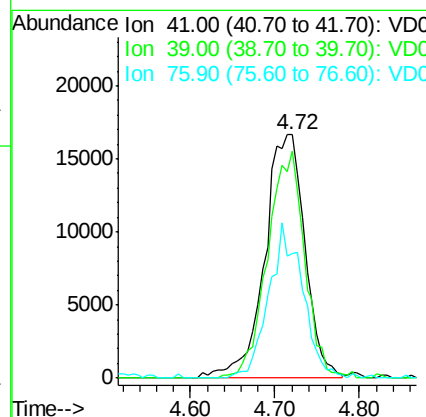
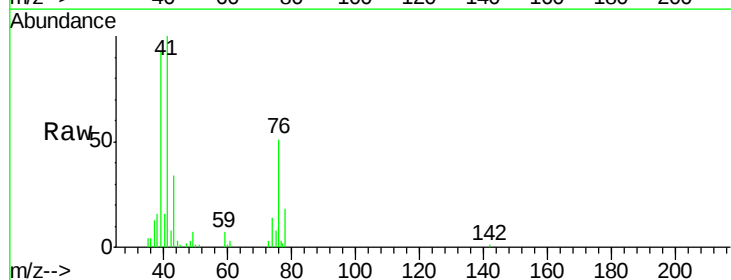
Manual Integrations
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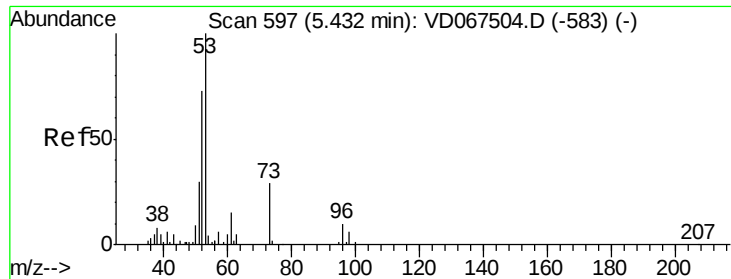
MMDadoda
11/9/2020 10:13:21 AM



#14
Allyl chloride
Concen: 19.797 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	85.9	67.4	101.0
76	53.4	42.2	63.2





#15

Acrylonitrile

Concen: 109.718 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

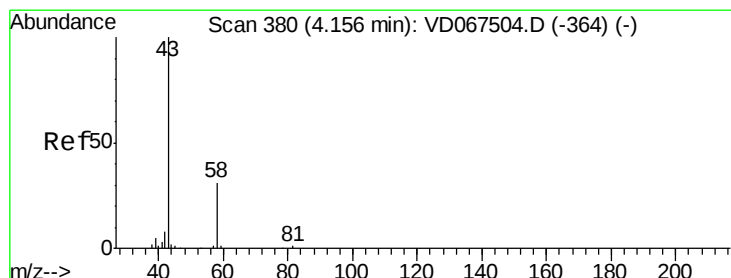
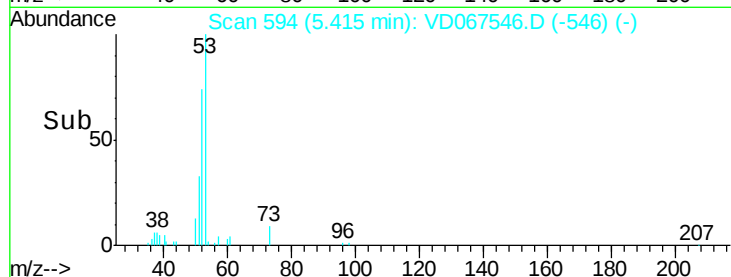
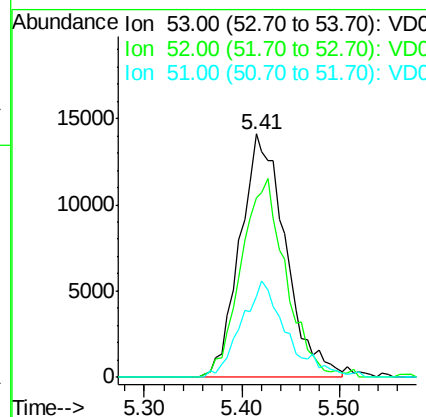
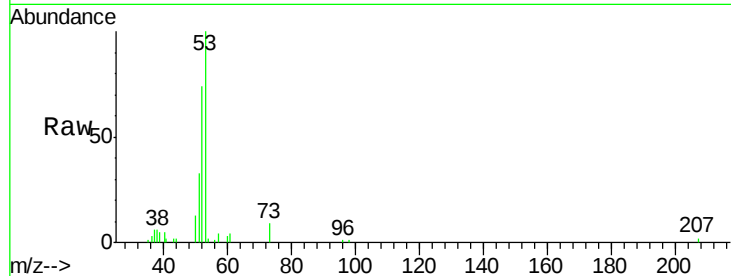
ClientSampleId :

VD1106SBS01

Tot Ion:	53	Resp:	45813
Ion Ratio	Lower	Upper	
53	100		
52	80.8	64.8	97.2
51	39.2	29.5	44.3

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#16

Acetone

Concen: 103.749 ug/l

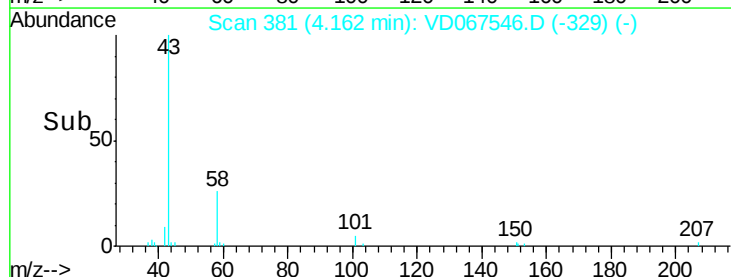
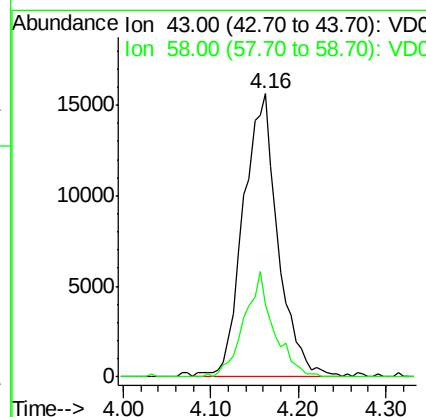
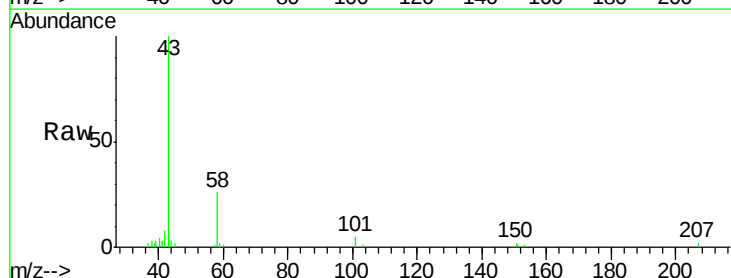
RT: 4.16 min Scan# 381

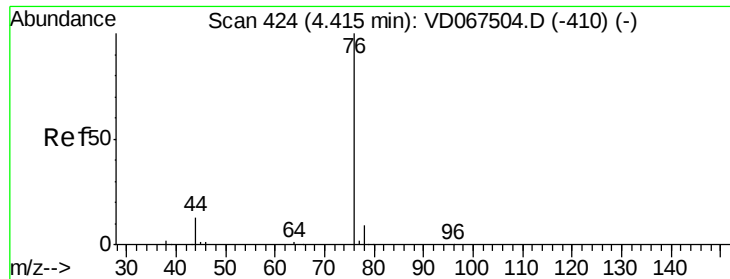
Delta R.T. 0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	43	Resp:	42334
Ion Ratio	Lower	Upper	
43	100		
58	25.5	25.2	37.8





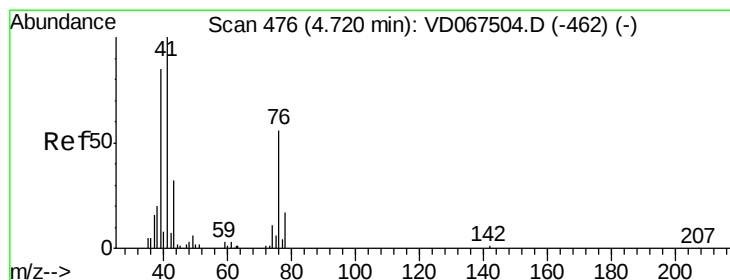
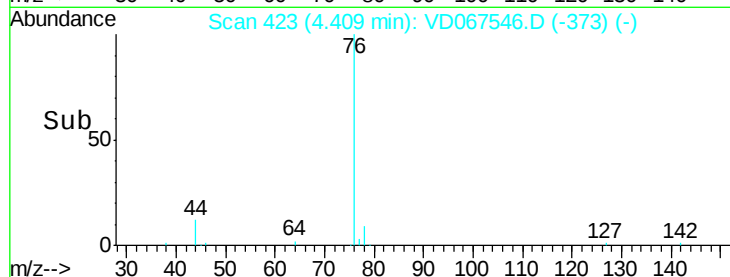
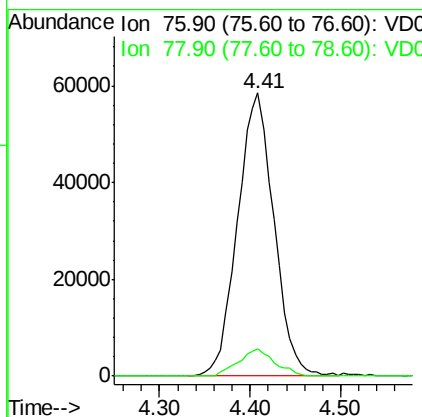
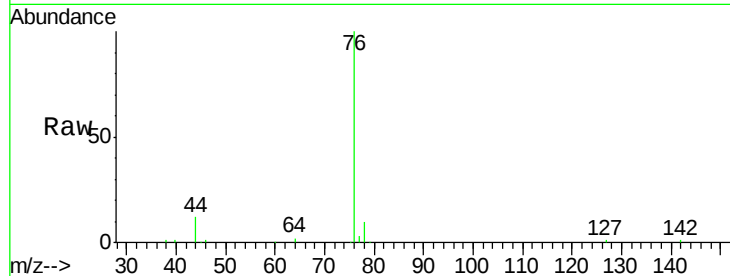
#17
Carbon Disulfide
Concen: 20.385 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion: 76 Resp: 162586
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

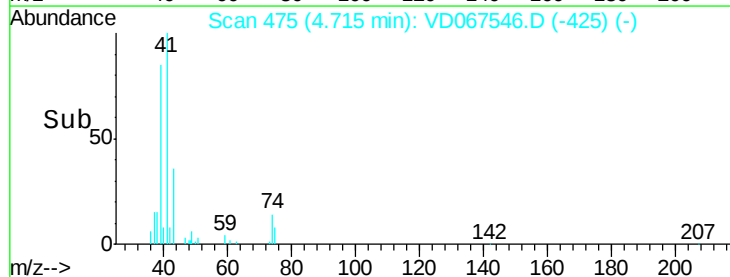
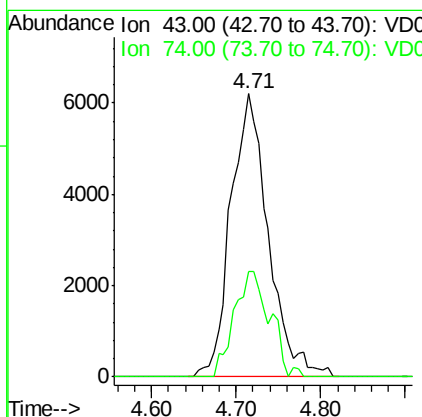
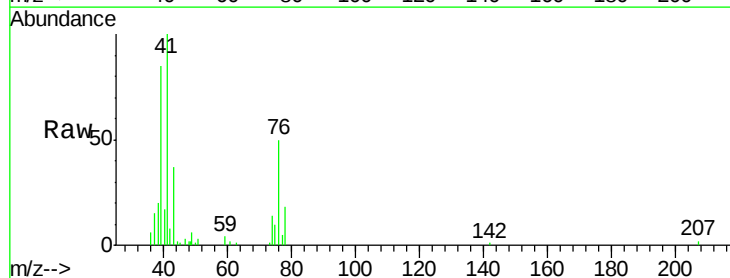
Manual Integrations
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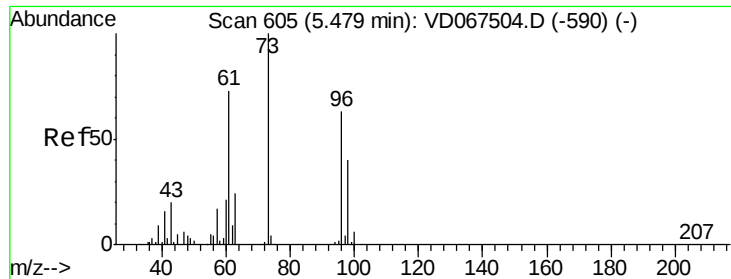
MMDadoda
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#18
Methyl Acetate
Concen: 22.608 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 43 Resp: 19063
Ion Ratio Lower Upper
43 100
74 35.4 27.2 40.8





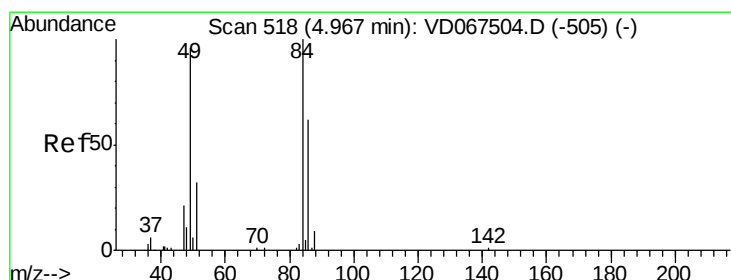
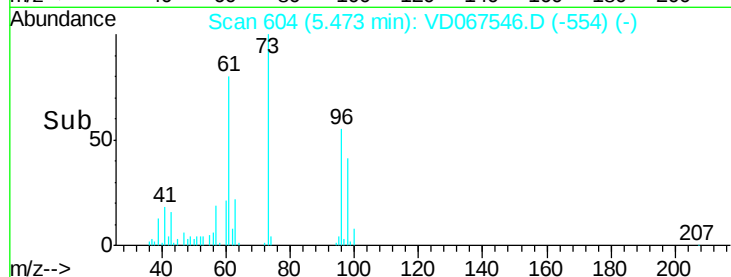
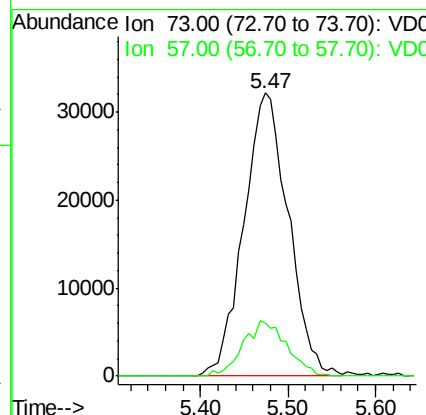
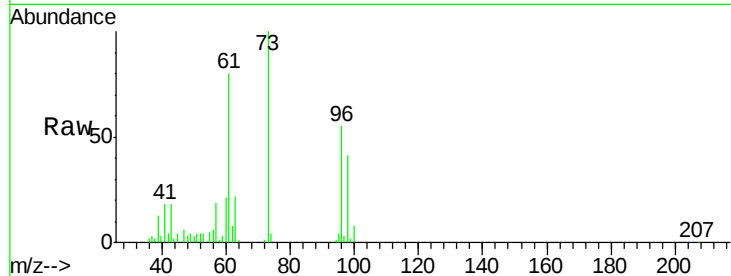
#19
Methyl tert-butyl Ether
Concen: 21.789 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion: 73 Resp: 111865
Ion Ratio Lower Upper
73 100
57 18.7 13.4 20.0

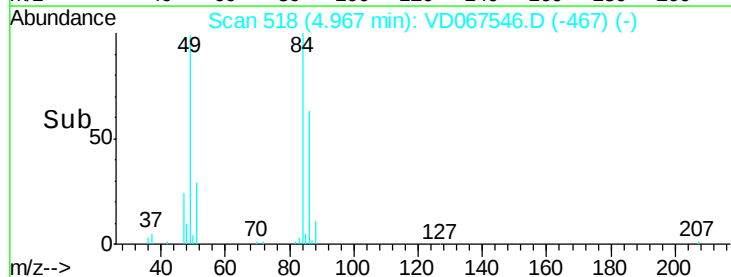
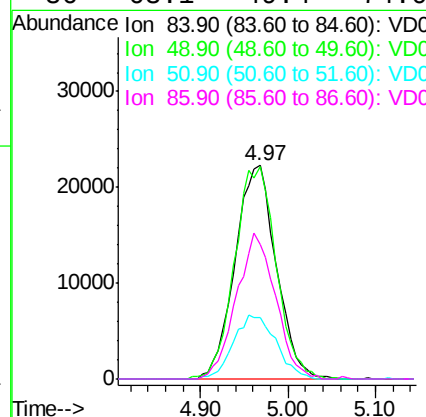
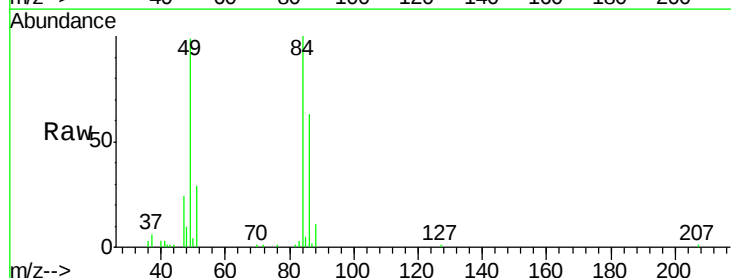
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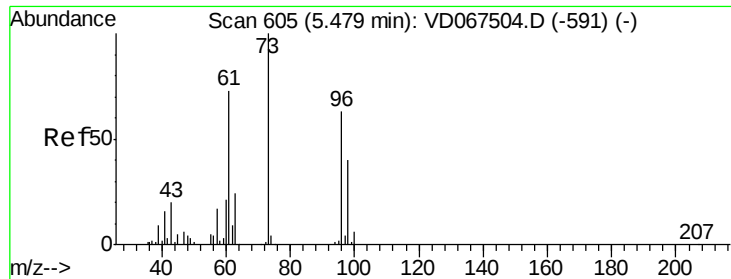
MMDadoda
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#20
Methylene Chloride
Concen: 24.783 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 84 Resp: 71433
Ion Ratio Lower Upper
84 100
49 99.3 77.0 115.4
51 29.0 25.4 38.2
86 63.1 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.178 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

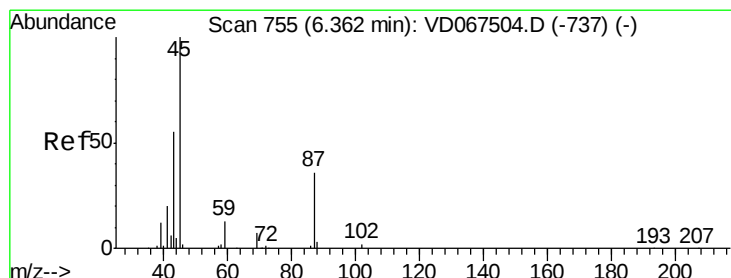
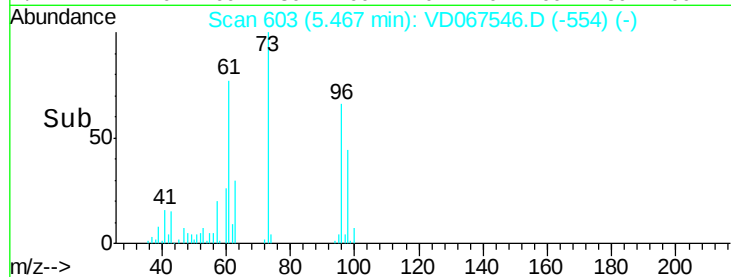
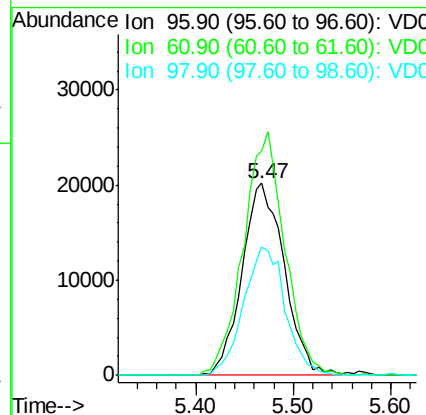
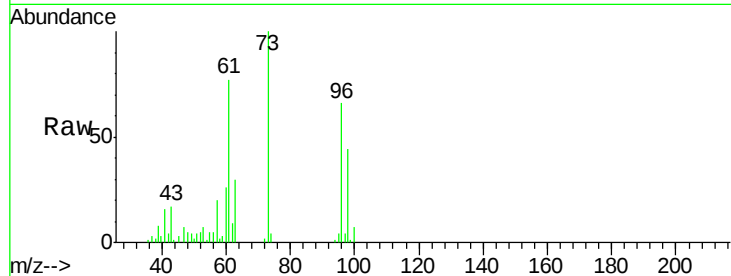
ClientSampleId :

VD1106SBS01

Tot Ion:	96	Resp:	61170
Ion	Ratio	Lower	Upper
96	100		
61	116.6	93.0	139.6
98	66.8	50.9	76.3

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#22

Diisopropyl ether

Concen: 22.011 ug/l

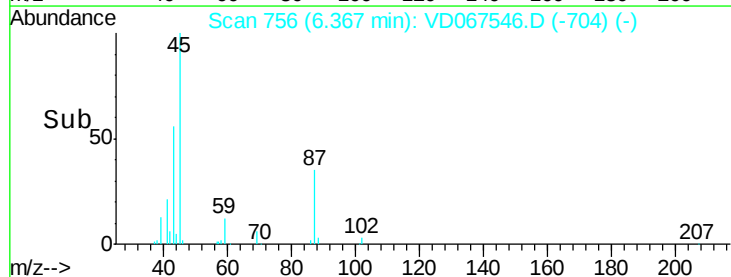
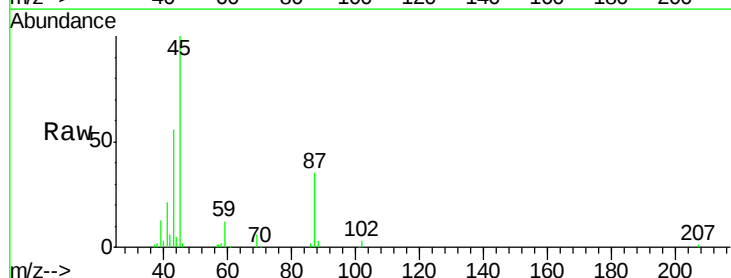
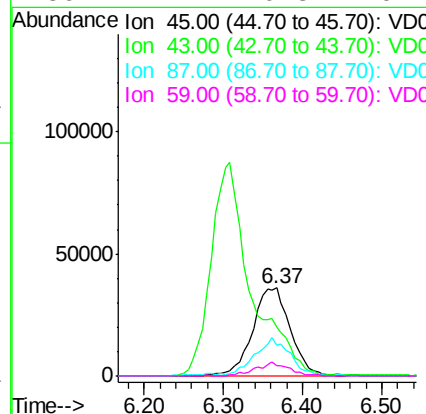
RT: 6.37 min Scan# 756

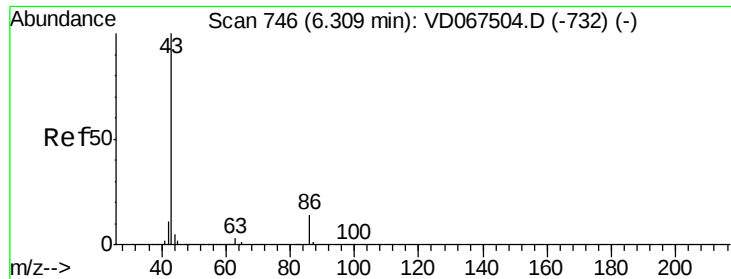
Delta R.T. 0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	45	Resp:	119484
Ion	Ratio	Lower	Upper
45	100		
43	54.0	46.2	69.4
87	34.1	29.4	44.2
59	11.7	10.8	16.2





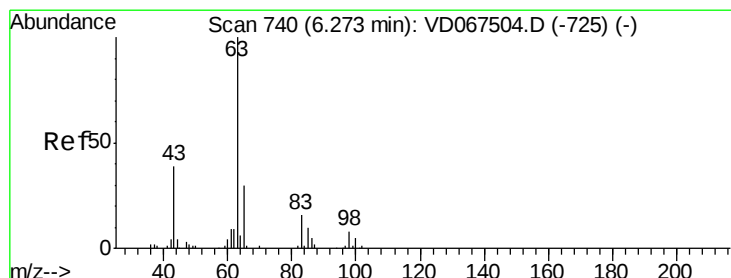
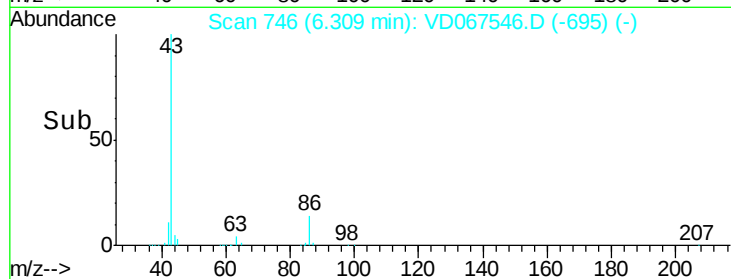
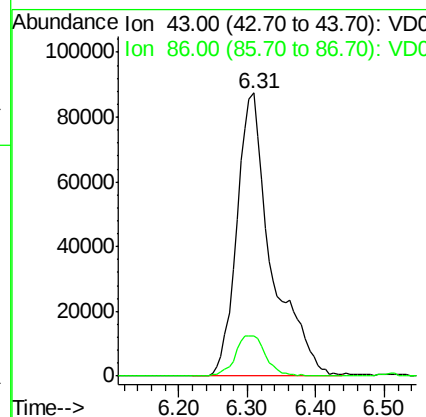
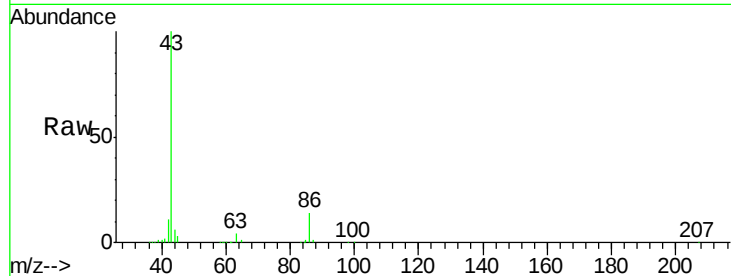
#23
 Vinyl Acetate
 Concen: 107.986 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	14.4	11.6	17.4

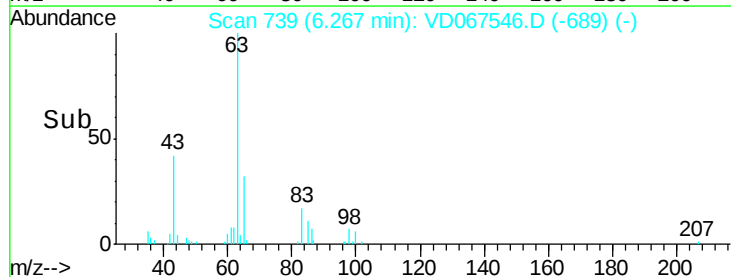
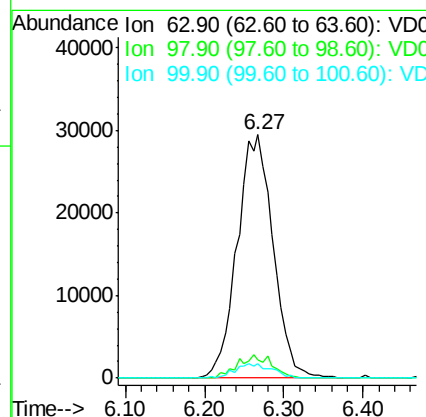
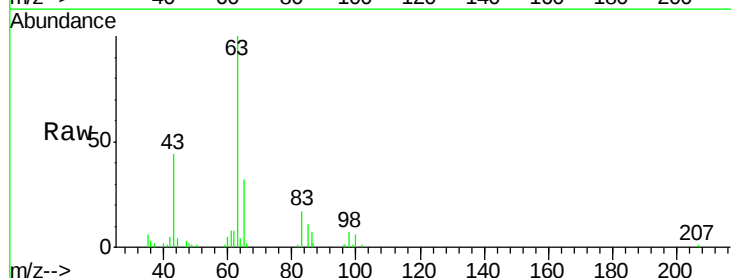
Manual Integrations
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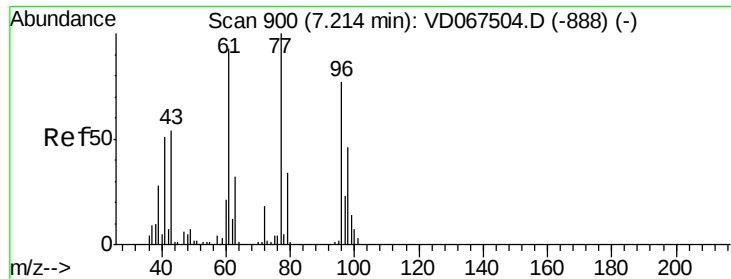
MMDadoda
 11/9/2020 10:13:21 AM



#24
 1,1-Dichloroethane
 Concen: 20.830 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.9	11.5
100	5.8	2.6	7.8





#25

2-Butanone

Concen: 110.727 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 43 Resp: 48277

Ion Ratio Lower Upper

43 100

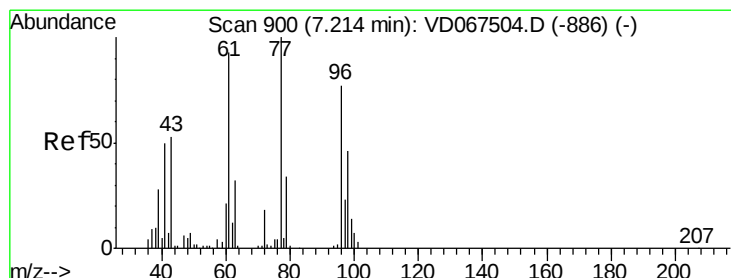
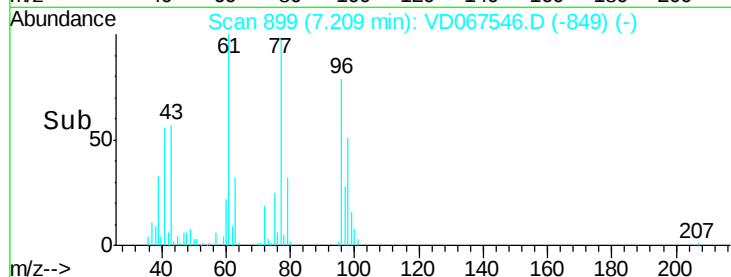
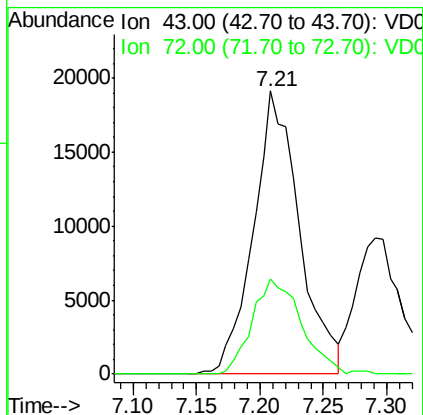
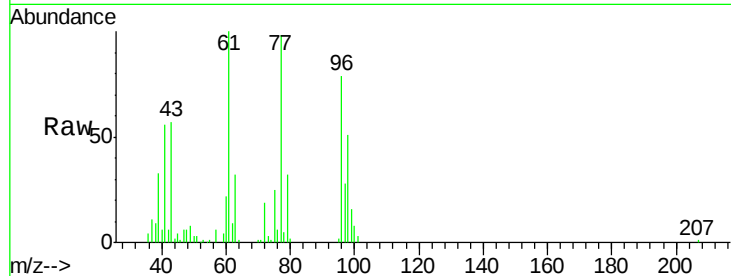
72 33.7 26.4 39.6

Manual Integrations

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MMDadoda

11/9/2020 10:13:21 AM



#26

2,2-Dichloropropane

Concen: 21.115 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067546.D

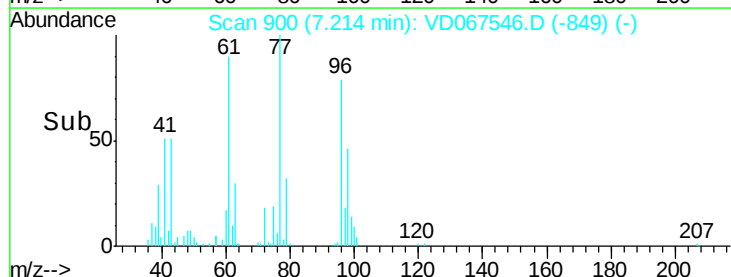
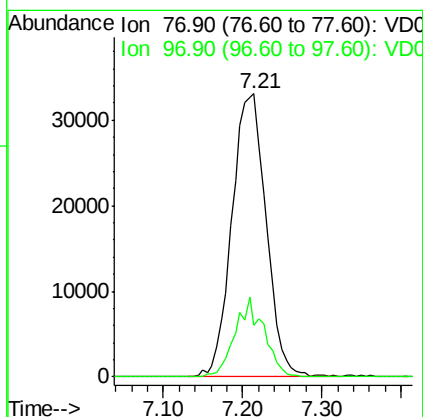
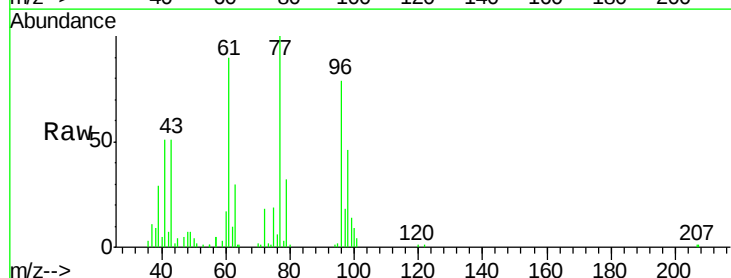
Acq: 06 Nov 2020 11:37

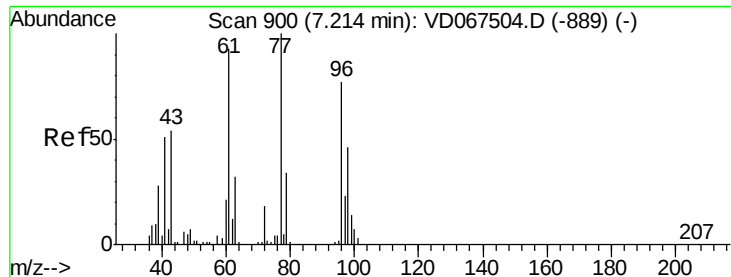
Tgt Ion: 77 Resp: 98964

Ion Ratio Lower Upper

77 100

97 23.9 11.1 33.3





#27

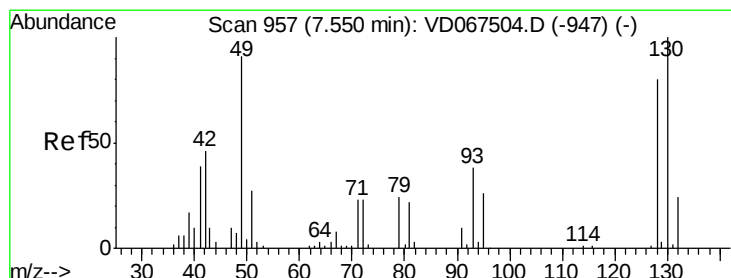
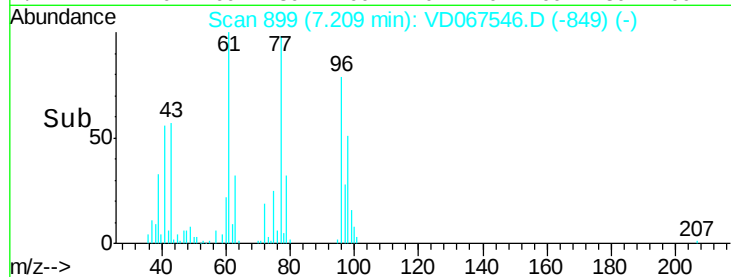
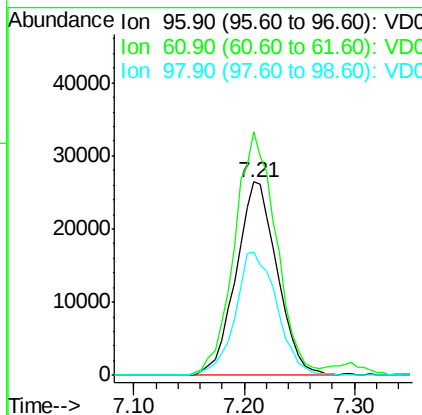
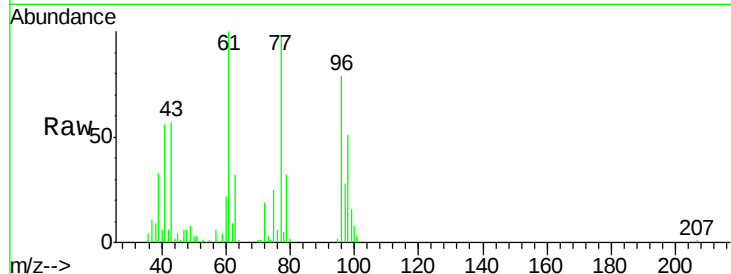
cis-1,2-Dichloroethene
Concen: 21.906 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	251.6
98	64.7	0.0	128.0

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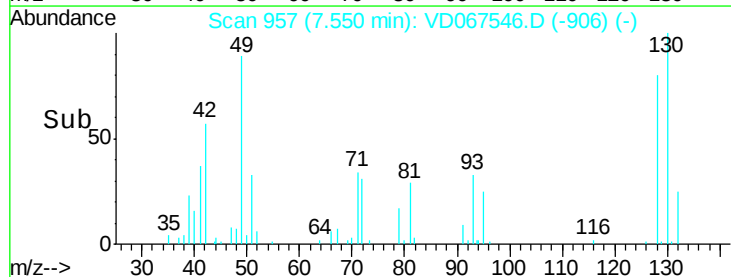
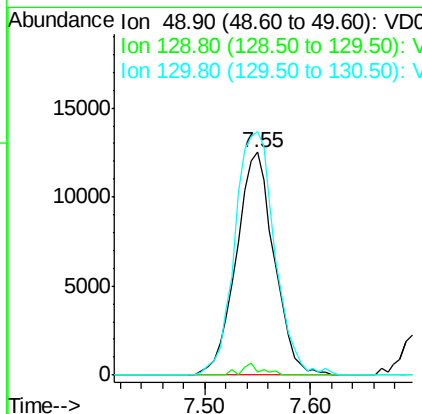
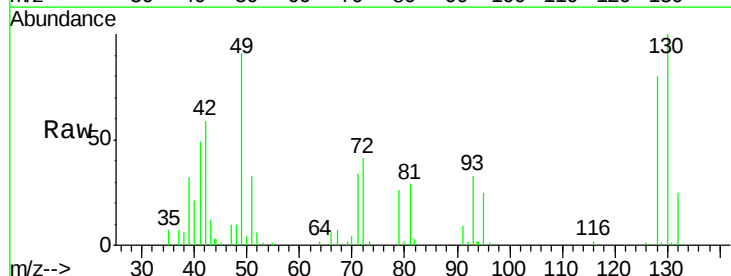
MMDadoda
11/9/2020 10:13:21 AM

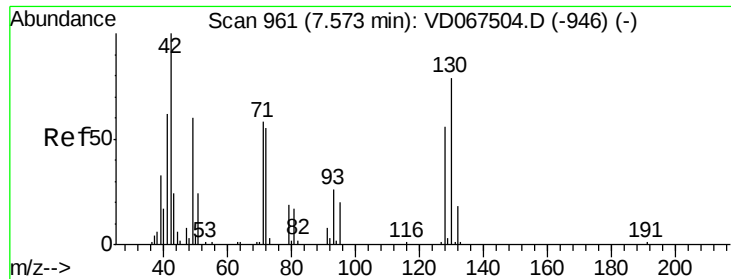


#28

Bromochloromethane
Concen: 19.681 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	6.4
130	115.2	94.6	142.0





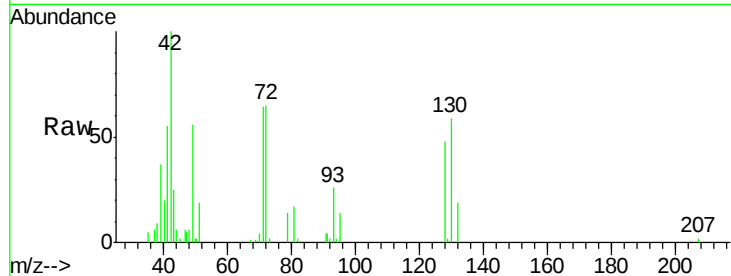
#29
Tetrahydrofuran
Concen: 114.356 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

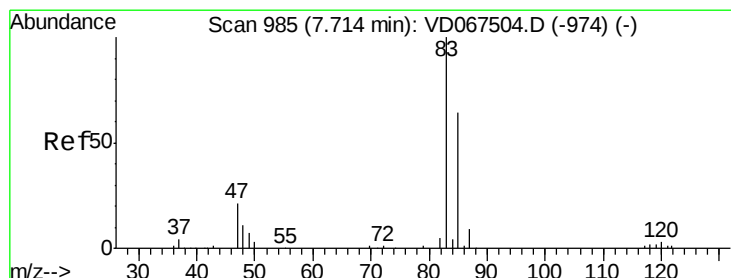
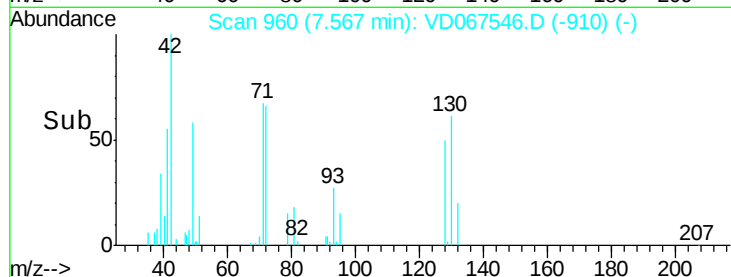
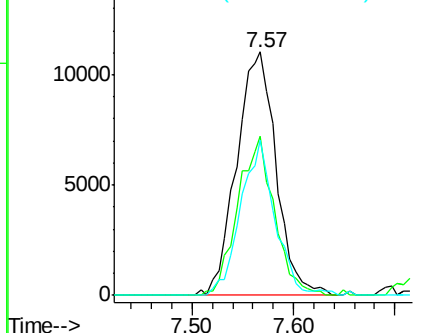
Tot Ion	Ratio	Lower	Upper
42	100		
72	60.5	46.3	69.5
71	55.0	44.0	66.0

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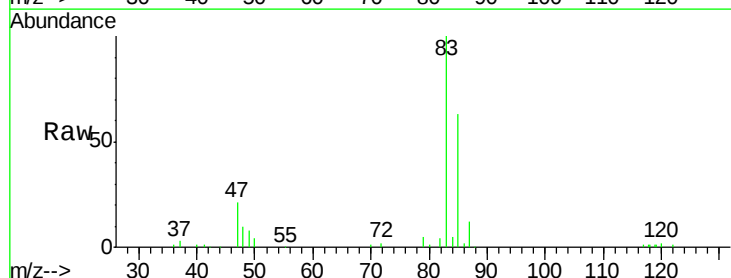


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

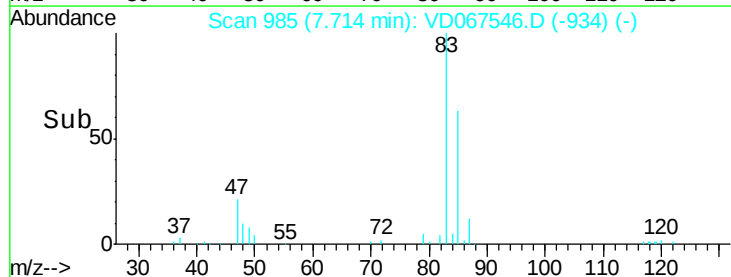
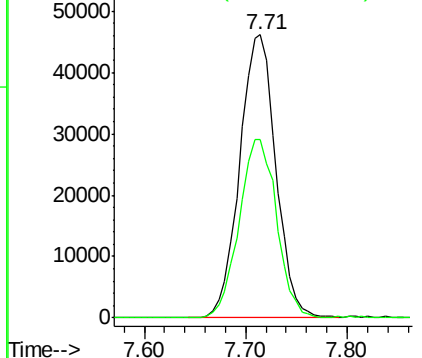


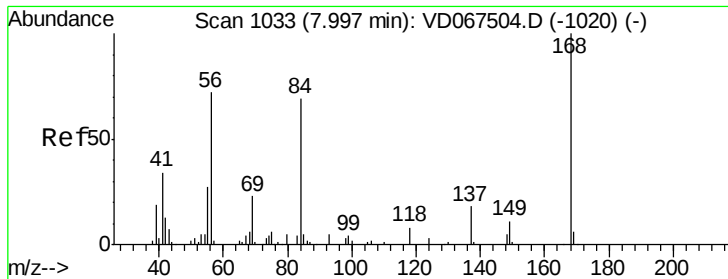
#30
Chloroform
Concen: 21.611 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





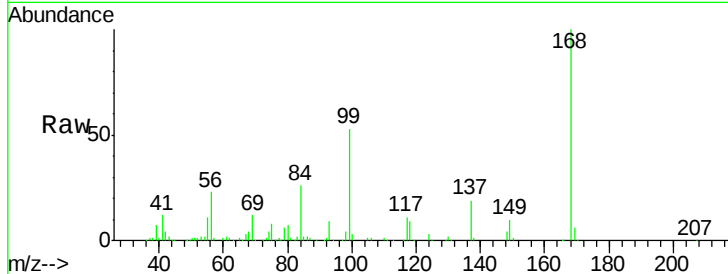
#31
Cyclohexane
Concen: 20.108 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

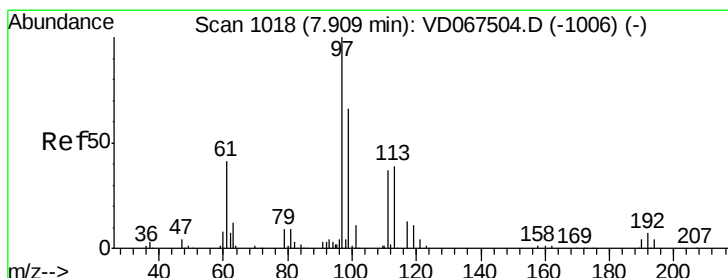
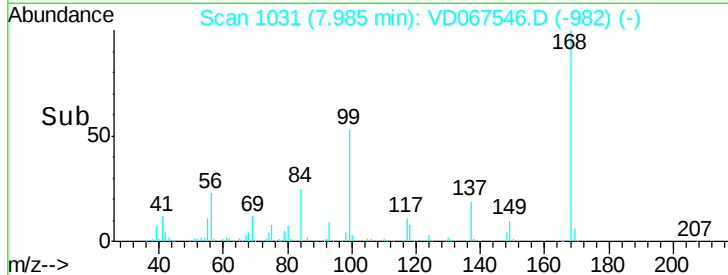
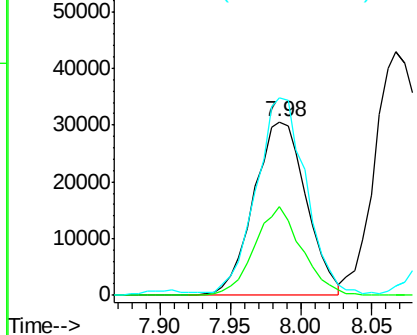
Tot Ion: 56 Resp: 79521
Ion Ratio Lower Upper
56 100
69 51.0 25.9 38.9#
84 112.0 76.2 114.4

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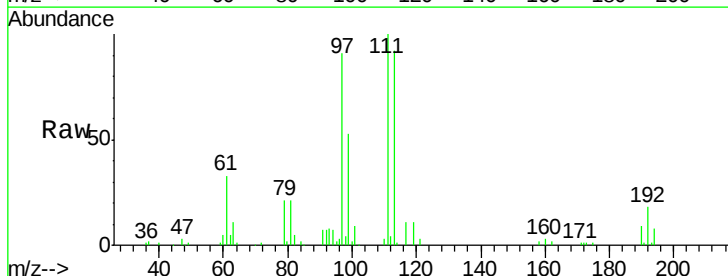


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

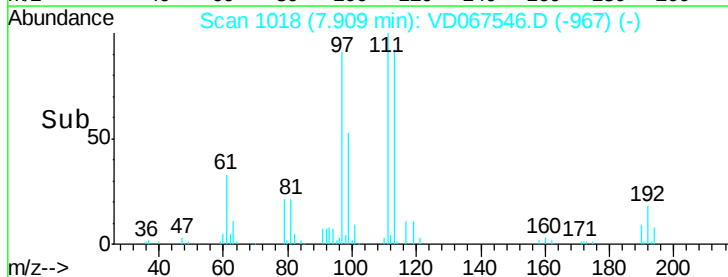
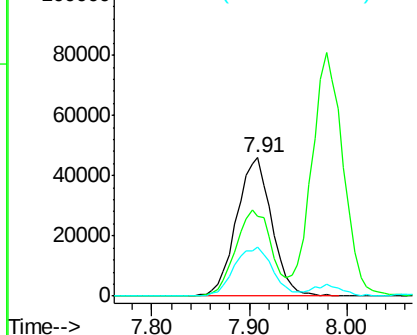


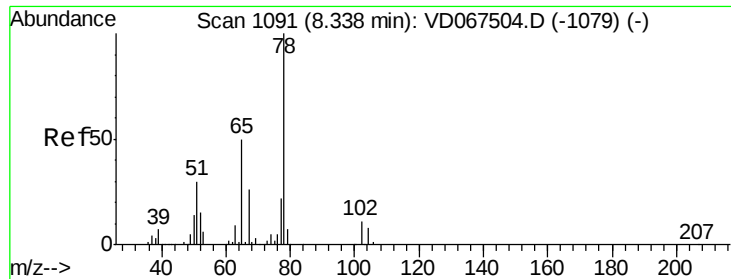
#32
1,1,1-Trichloroethane
Concen: 21.170 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 97 Resp: 115723
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 38.8 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





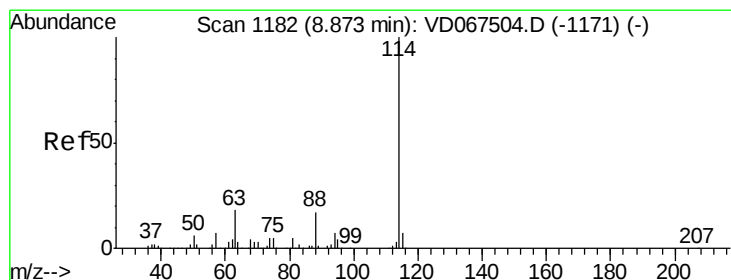
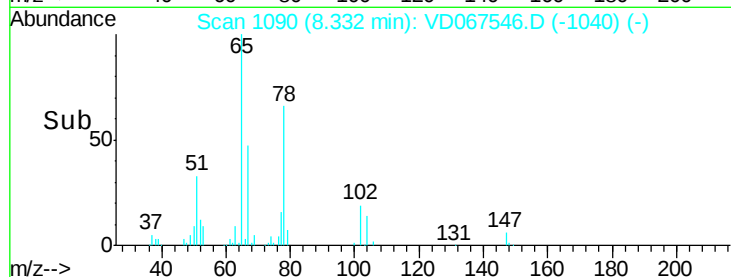
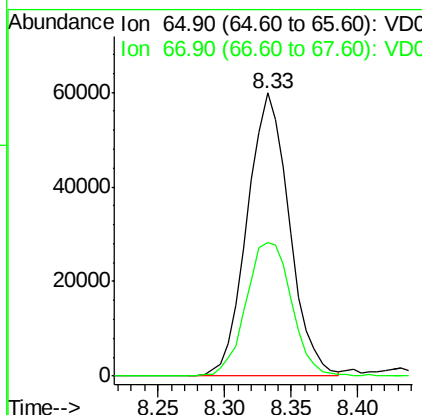
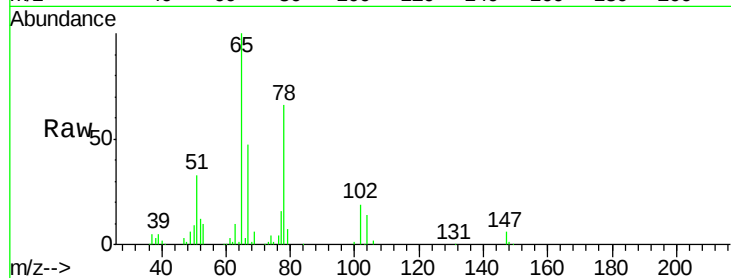
#33
 1,2-Dichloroethane-d4
 Concen: 47.978 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	99.4	

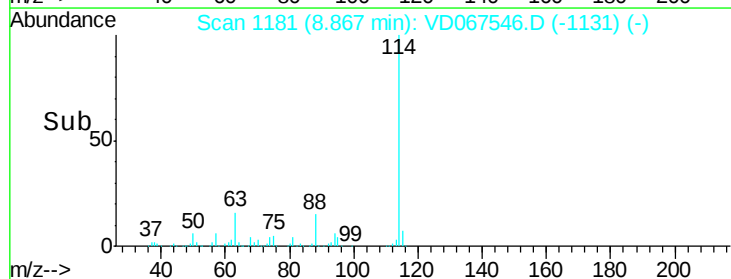
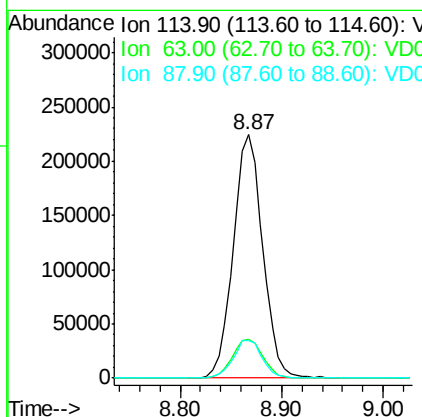
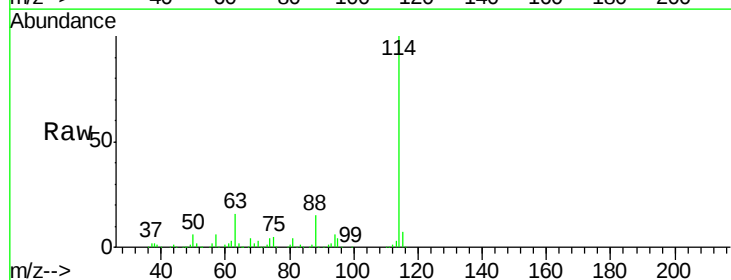
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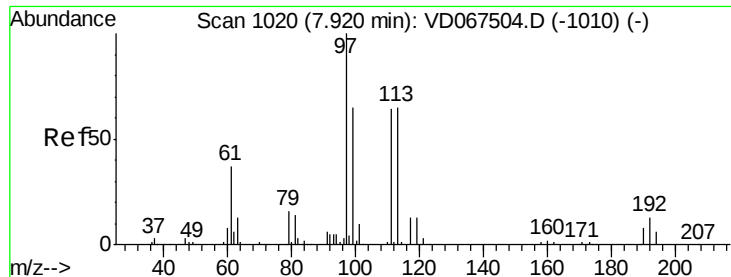
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 11/9/2020 10:13:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.1	0.0	35.0	
88	15.2	0.0	33.0	





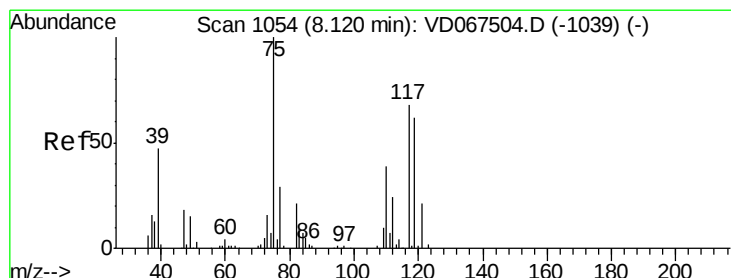
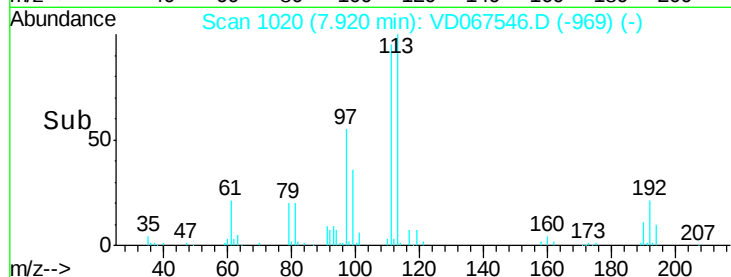
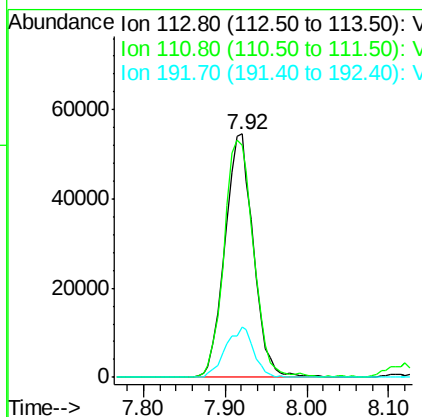
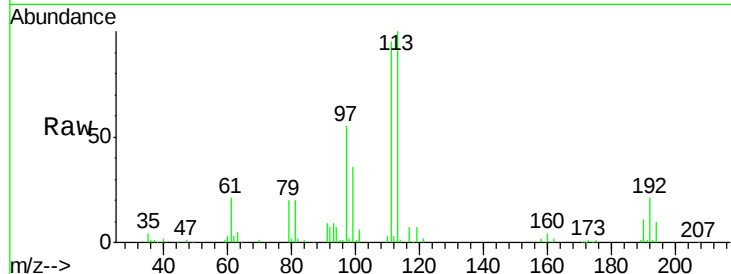
#35
 Dibromofluoromethane
 Concen: 48.281 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131671		
111	101.6	80.0	120.0	
192	20.3	16.3	24.5	

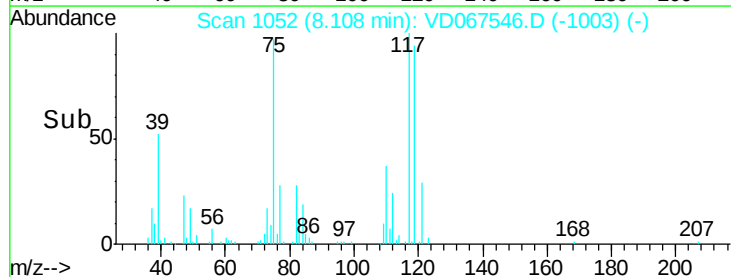
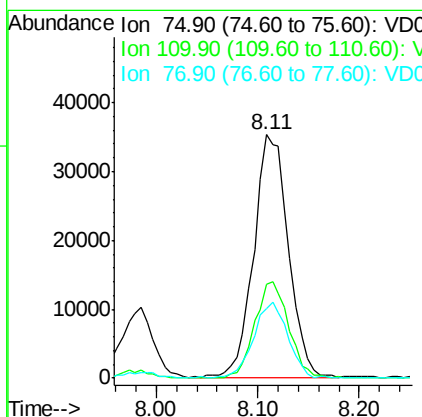
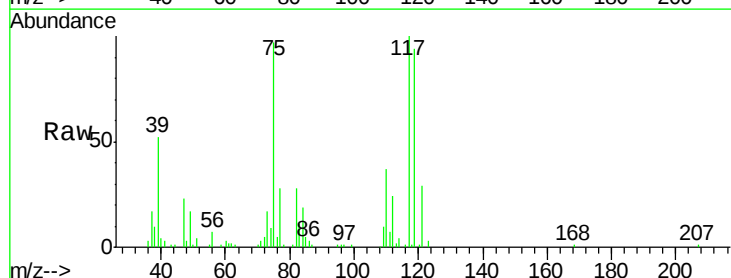
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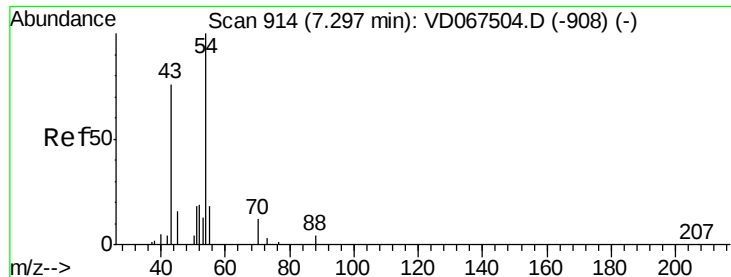
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 11/9/2020 10:13:21 AM



#36
 1,1-Dichloropropene
 Concen: 21.862 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84706		
110	38.6	19.9	59.7	
77	30.7	24.8	37.2	





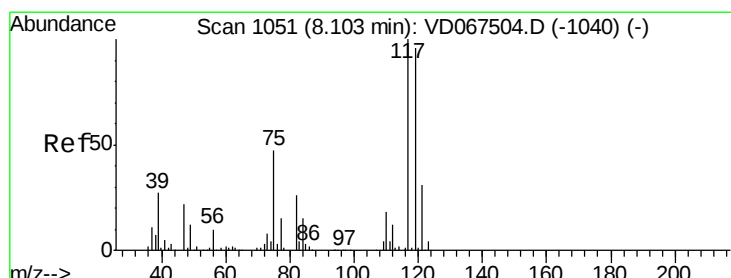
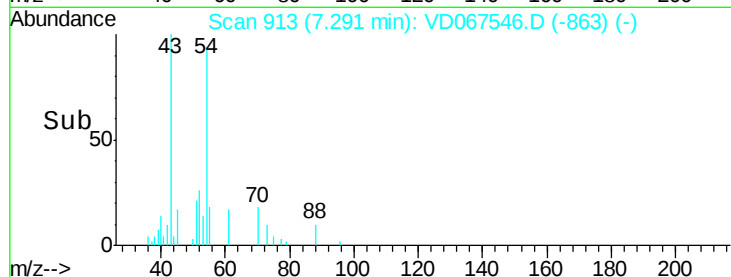
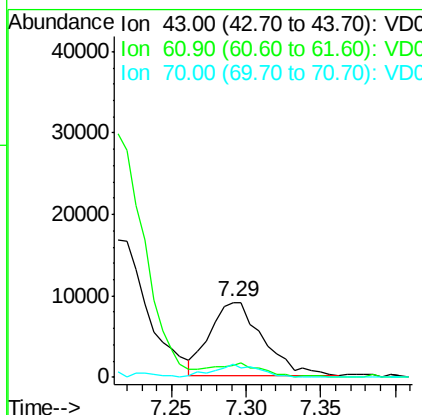
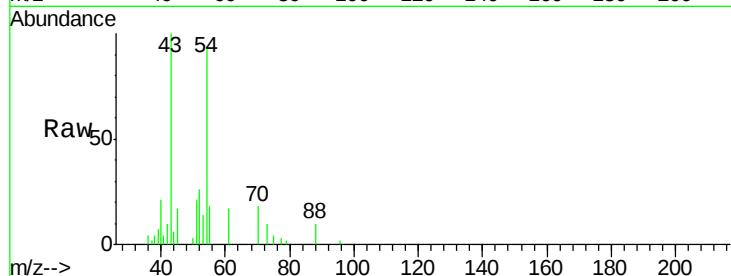
#37
Ethyl Acetate
Concen: 22.058 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	12.8	19.2
70	14.9	11.7	17.5

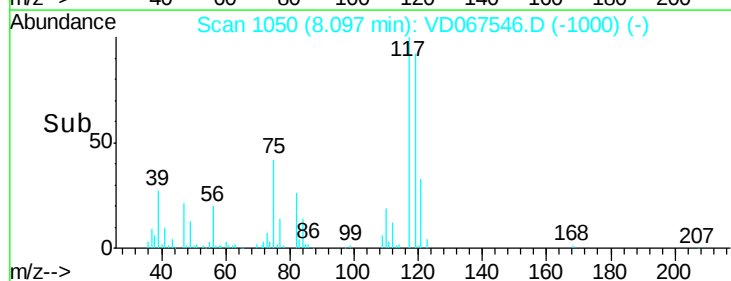
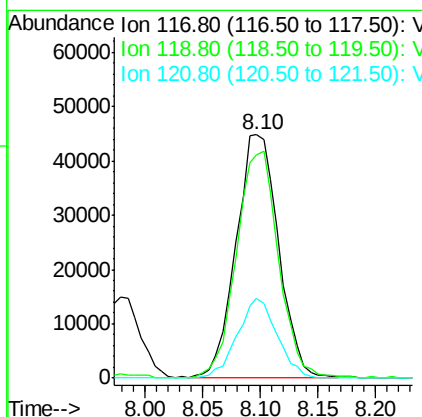
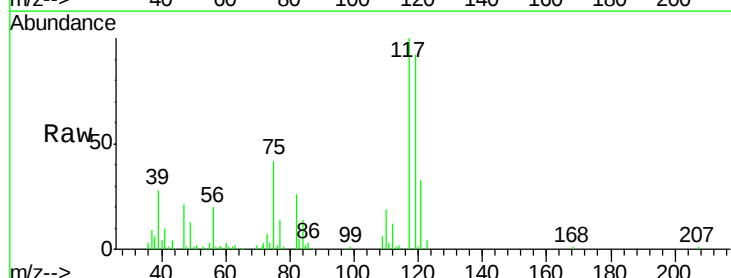
Manual Integrations
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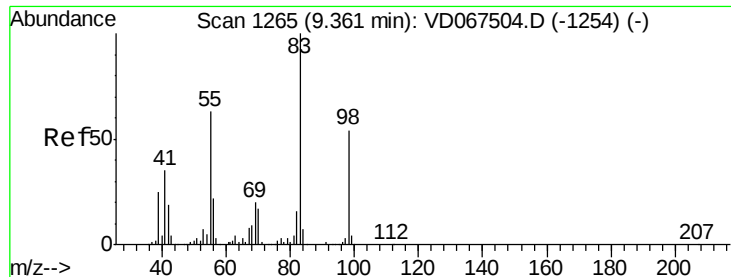
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#38
Carbon Tetrachloride
Concen: 22.650 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.9	115.3
121	32.9	24.5	36.7





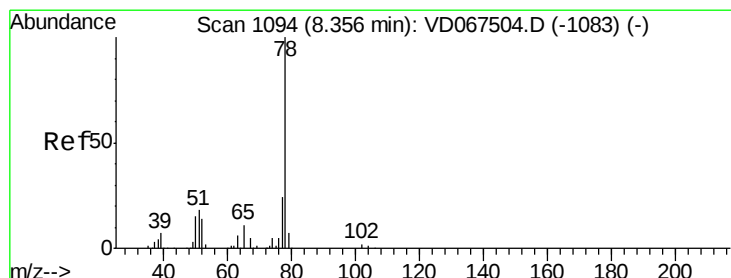
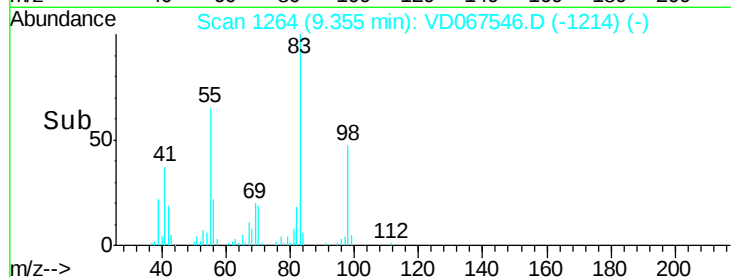
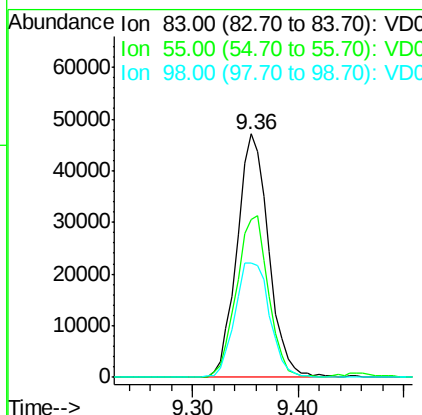
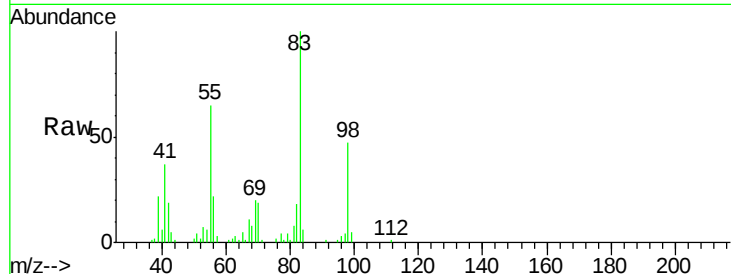
#39
Methvlcvclohexane
Concen: 21.466 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	83	Resp	97889
Ion Ratio	100	Lower	Upper
83	100		
55	65.0	50.5	75.7
98	47.2	43.4	65.0

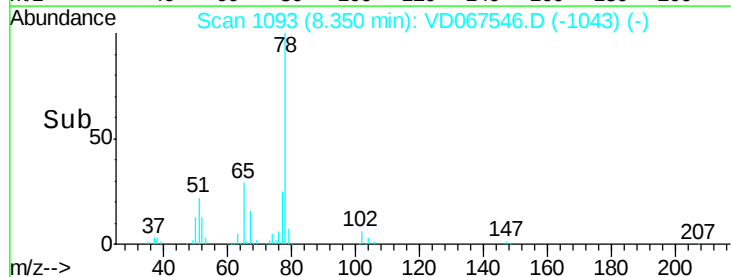
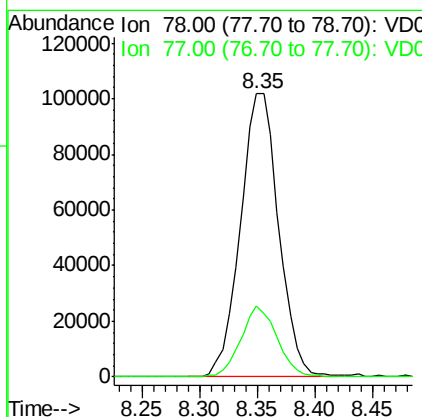
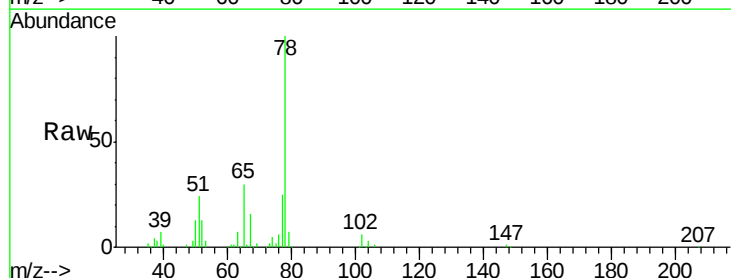
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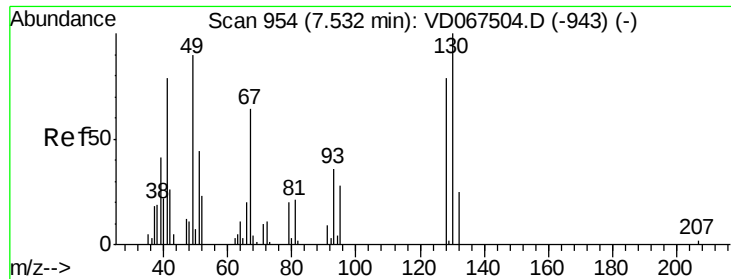
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#40
Benzene
Concen: 22.343 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	78	Resp	234500
Ion Ratio	100	Lower	Upper
78	100		
77	25.0	19.1	28.7





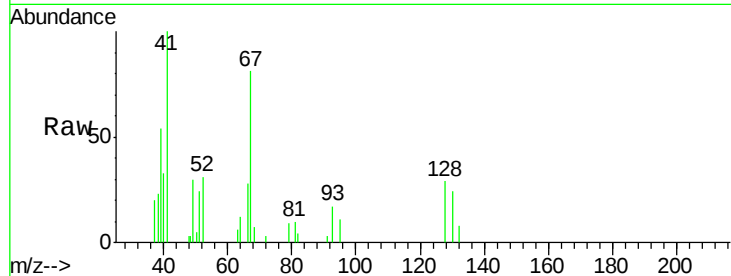
#41
Methacrylonitrile
Concen: 18.926 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.02 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

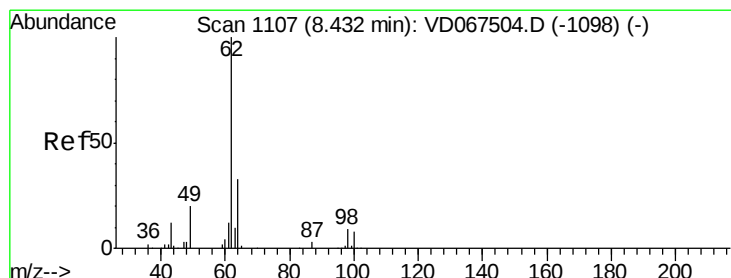
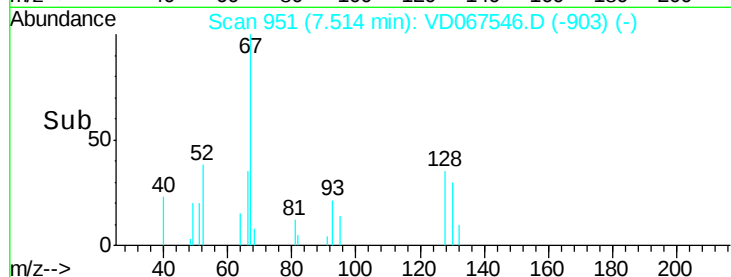
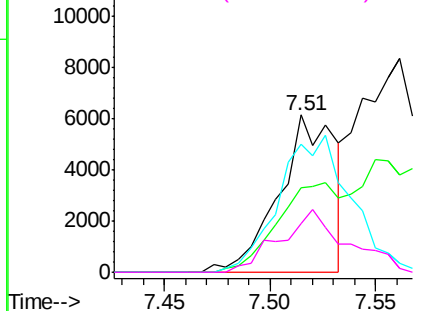
Tot Ion	Ratio	Lower	Upper
41	100		
39	61.3	51.3	76.9
67	110.4	78.9	118.3
52	47.2	31.4	47.2#

Manual Integrations
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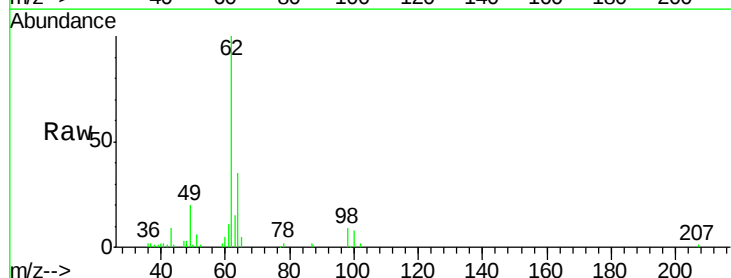


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

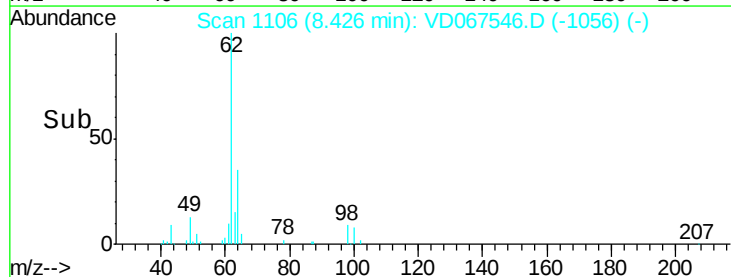
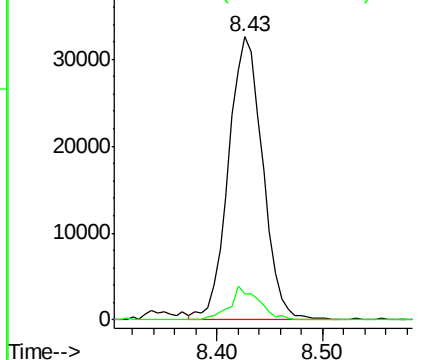


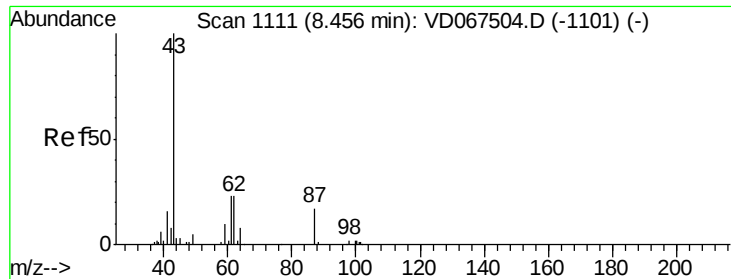
#42
1,2-Dichloroethane
Concen: 22.517 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 23.479 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

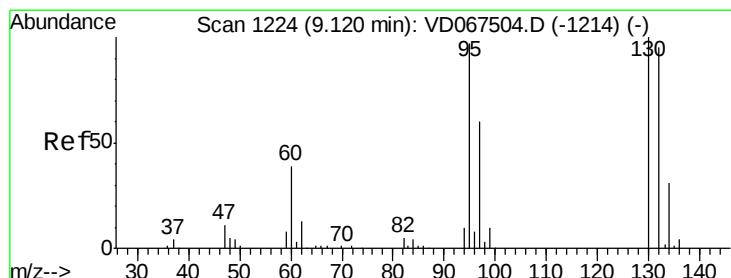
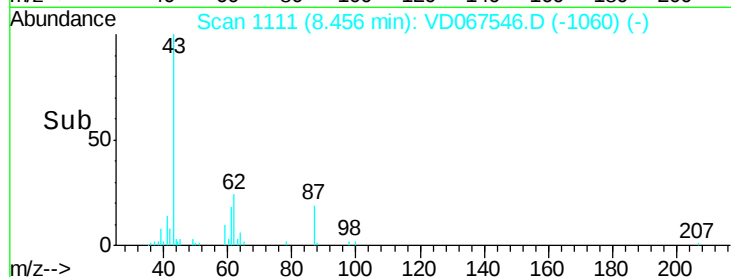
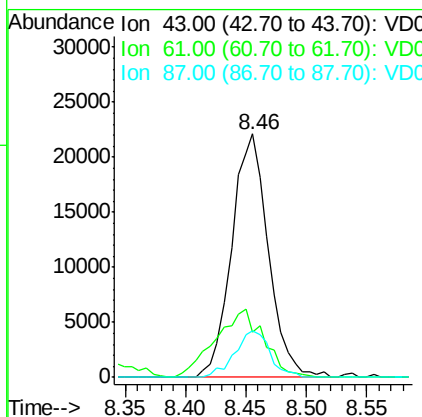
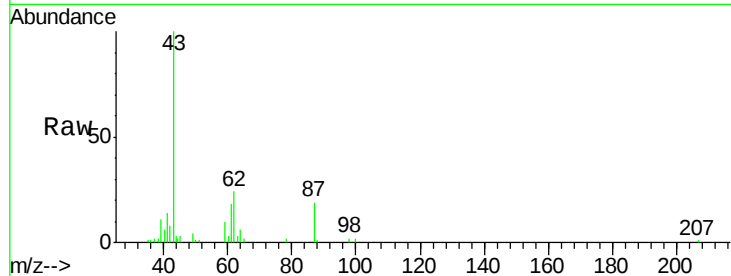
ClientSampleId :

VD1106SBS01

Tot Ion:	43	Resp:	46708
Ion	Ratio	Lower	Upper
43	100		
61	37.0	30.5	45.7
87	18.3	14.7	22.1

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#44

Trichloroethene

Concen: 21.767 ug/l

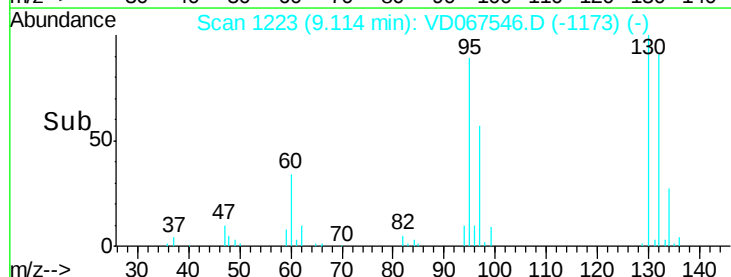
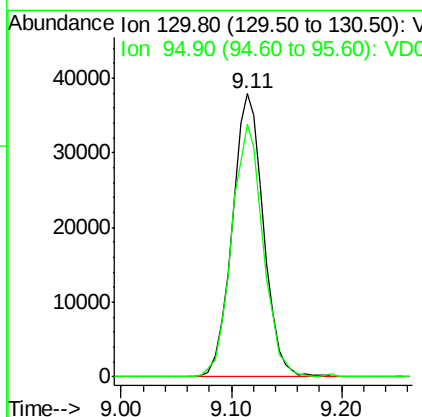
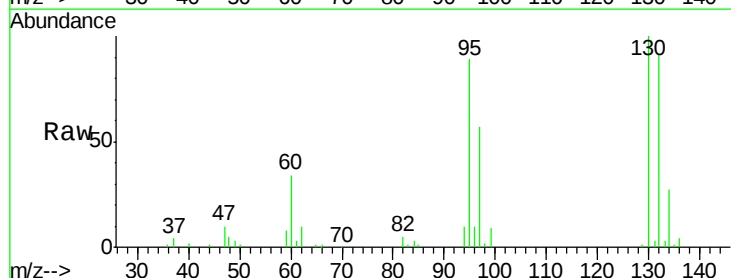
RT: 9.11 min Scan# 1223

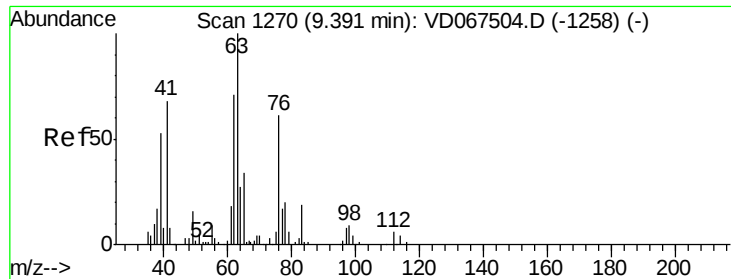
Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	130	Resp:	75117
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	194.4





#45

1,2-Dichloropropane

Concen: 22.329 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 63 Resp: 50667

Ion Ratio Lower Upper

63 100

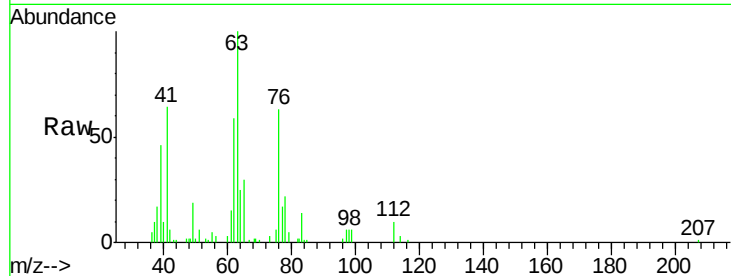
65 29.6 26.9 40.3

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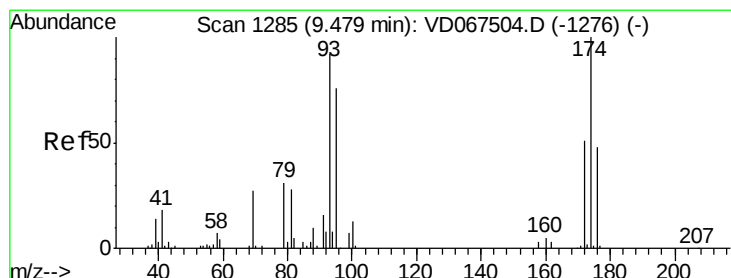
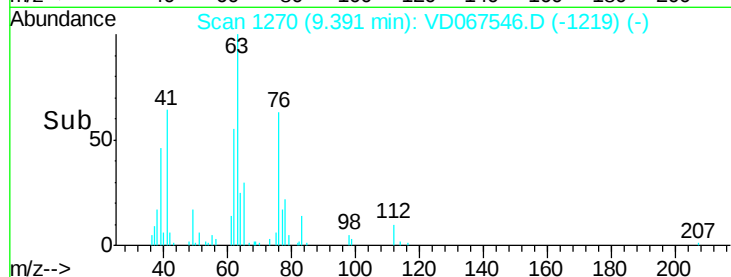
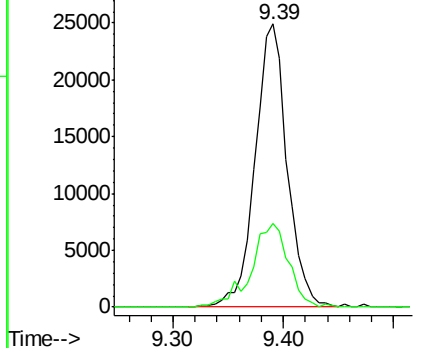
MMDadoda

11/9/2020 10:13:21 AM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 22.948 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

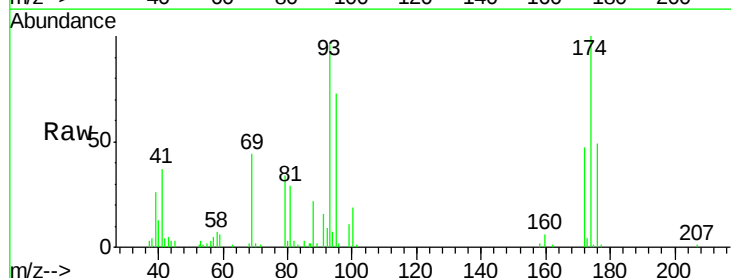
Tgt Ion: 93 Resp: 33109

Ion Ratio Lower Upper

93 100

95 82.0 66.4 99.6

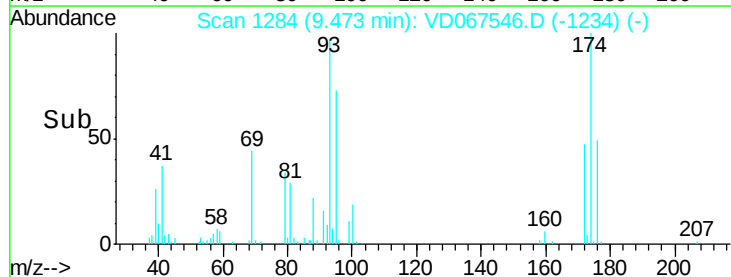
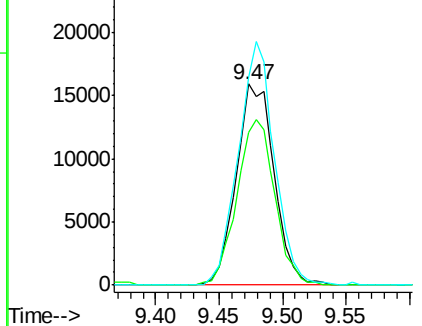
174 114.9 88.2 132.4

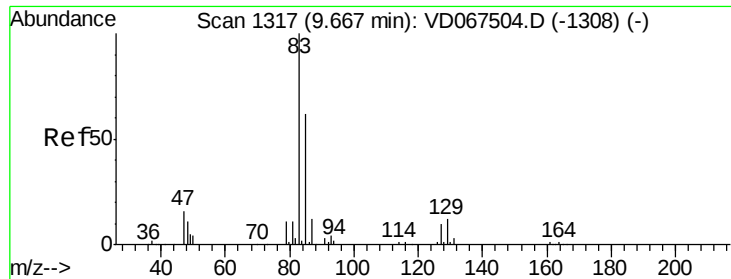


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





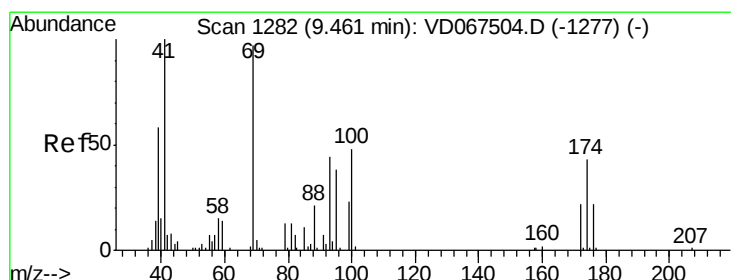
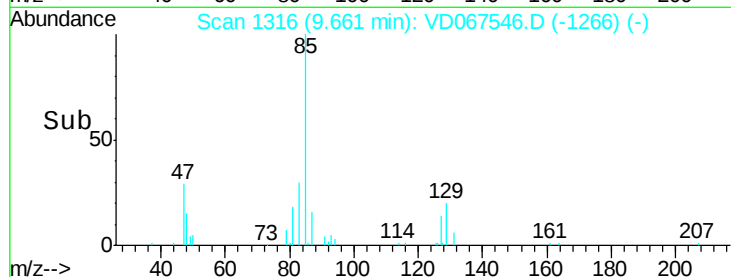
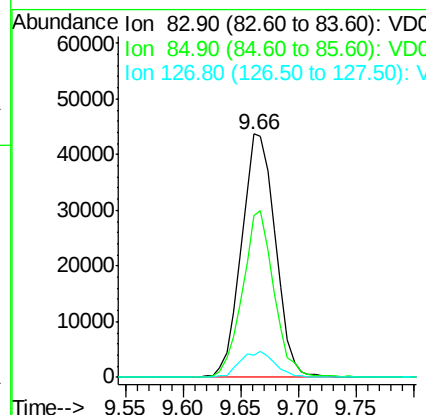
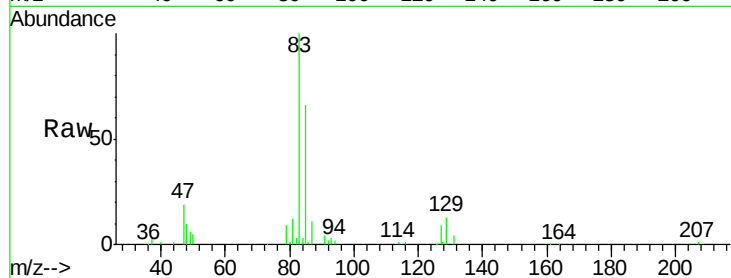
#47
Bromodichloromethane
Concen: 22.679 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.4	74.2
127	9.0	7.7	11.5

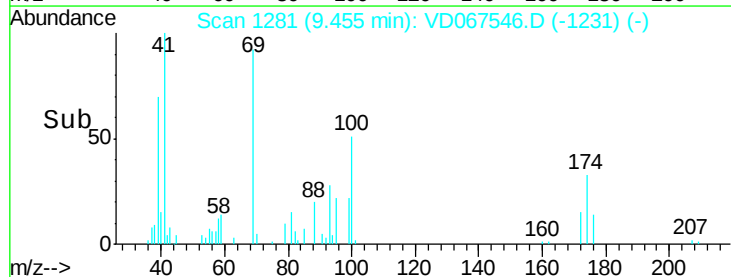
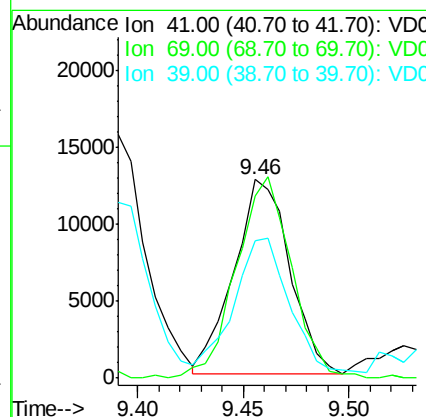
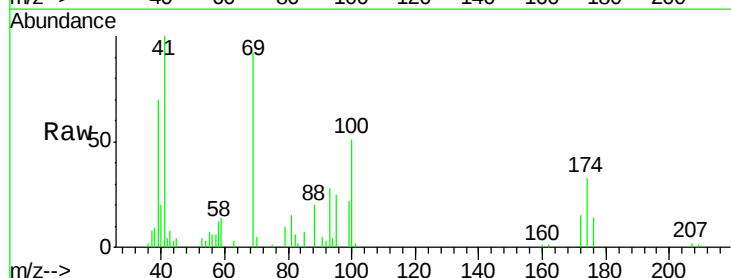
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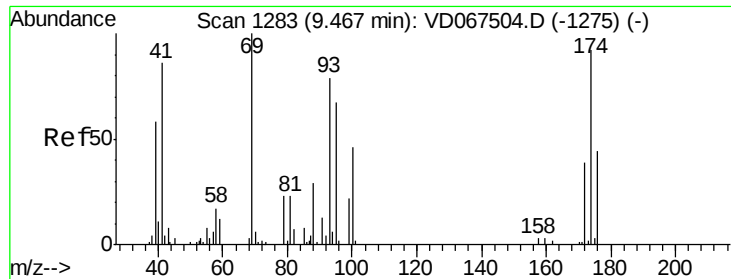
MMDadoda
11/9/2020 10:13:21 AM



#48
Methyl methacrylate
Concen: 22.553 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	103.0	80.6	121.0
39	66.7	50.2	75.4





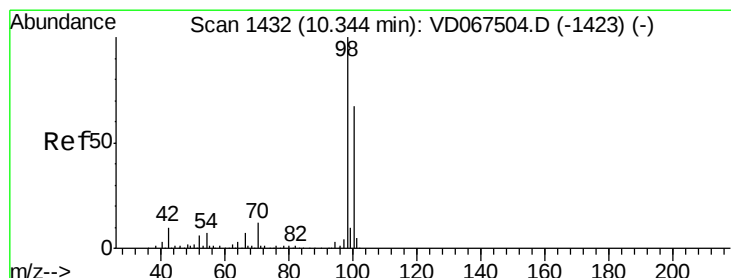
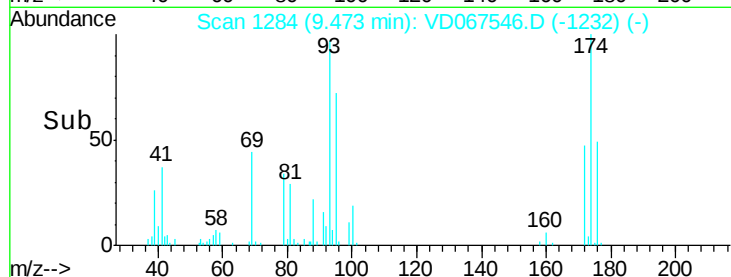
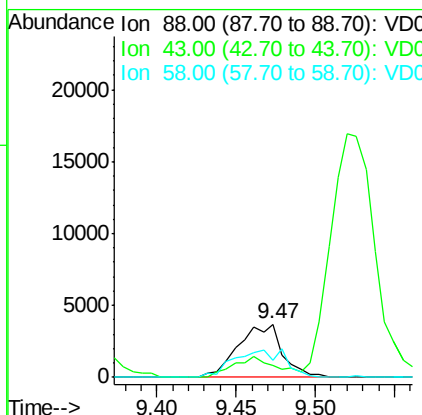
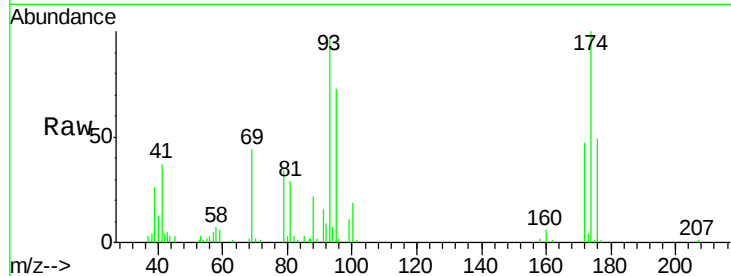
#49
1,4-Dioxane
Concen: 487.412 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	23.6	35.4#
58	61.9	44.7	67.1

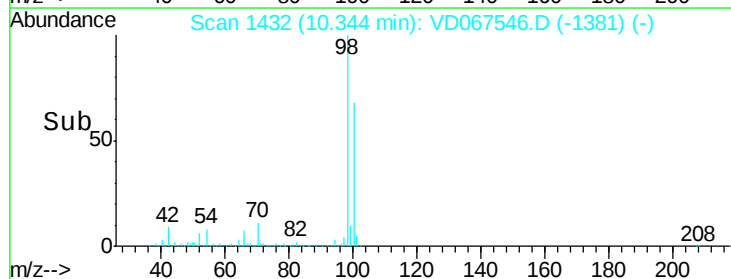
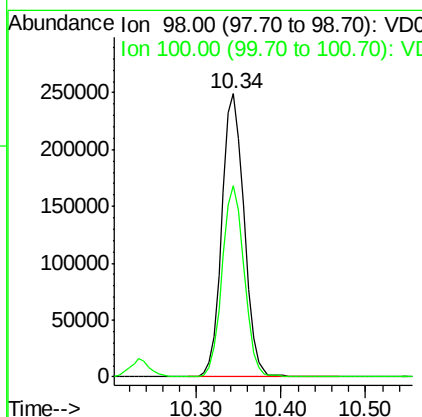
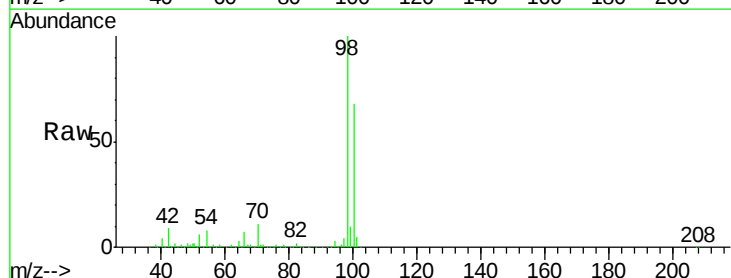
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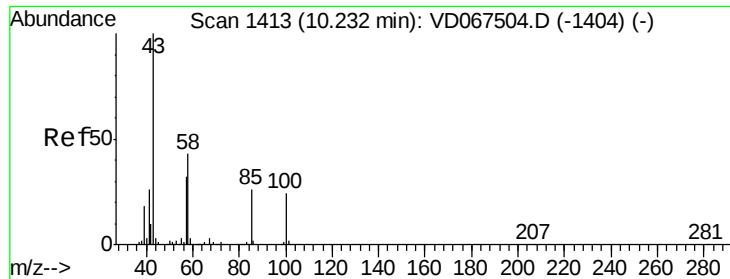
MMDadoda
11/9/2020 10:13:21 AM



#50
Toluene-d8
Concen: 47.439 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 115.485 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 43 Resp: 109875

Ion Ratio Lower Upper

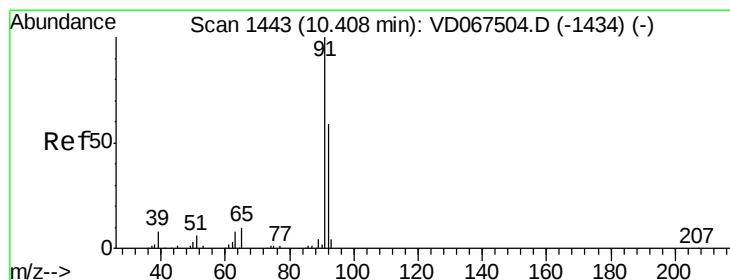
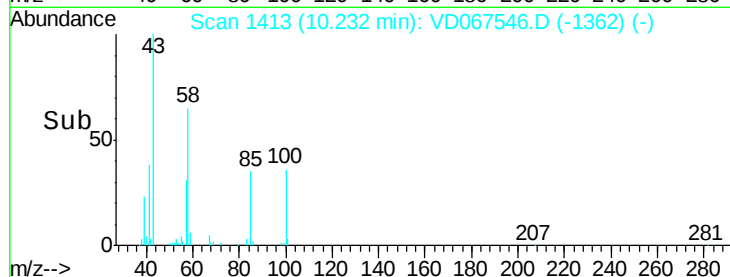
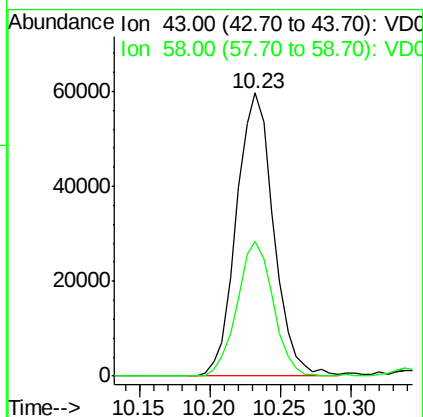
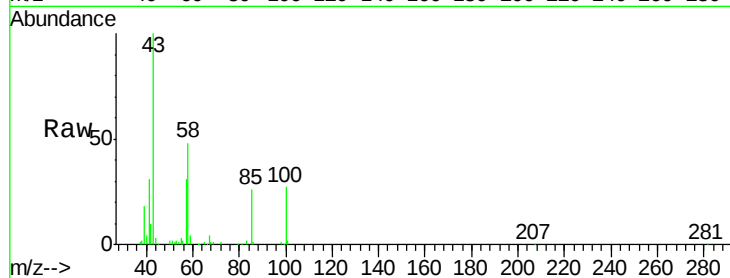
43 100

58 46.0 35.6 53.4

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11/9/2020 10:13:21 AM



#52

Toluene

Concen: 22.632 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067546.D

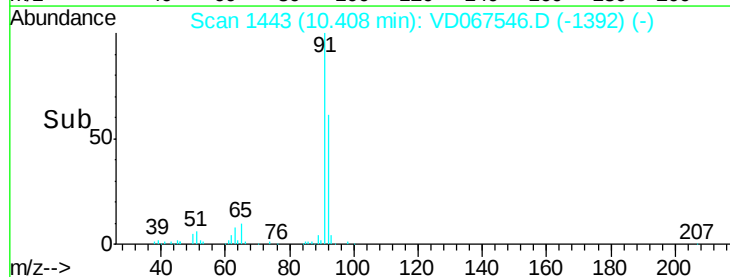
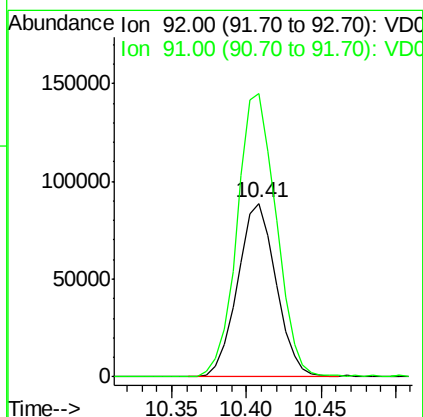
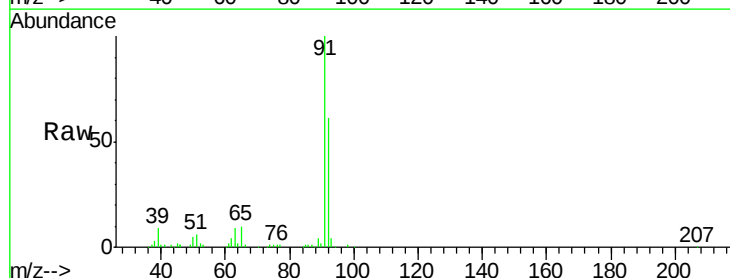
Acq: 06 Nov 2020 11:37

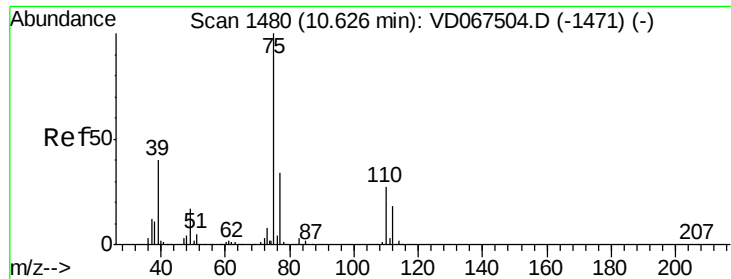
Tgt Ion: 92 Resp: 159094

Ion Ratio Lower Upper

92 100

91 165.9 137.0 205.6





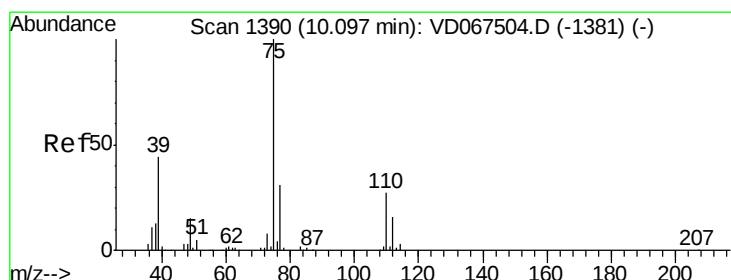
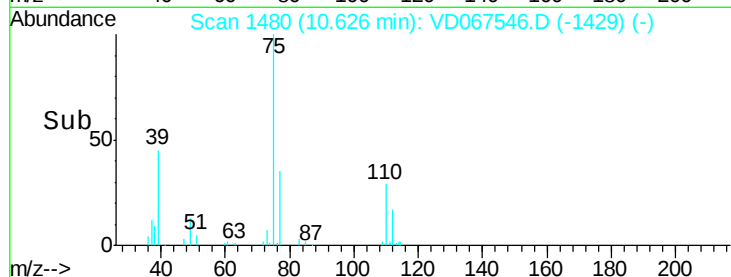
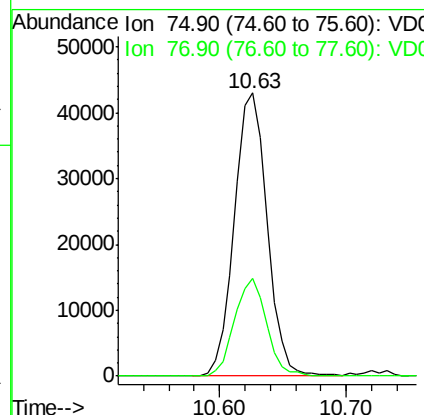
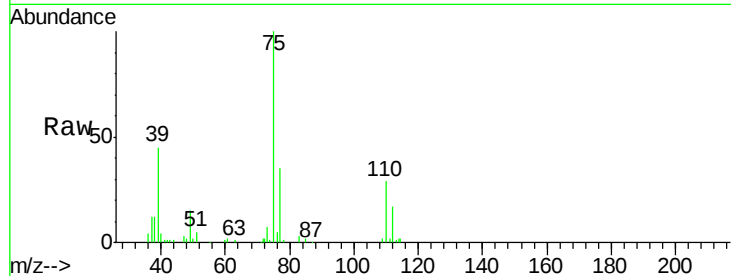
#53
 t-1,3-Dichloropropene
 Concen: 22.897 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion: 75 Resp: 76903
 Ion Ratio Lower Upper
 75 100
 77 34.6 27.0 40.6

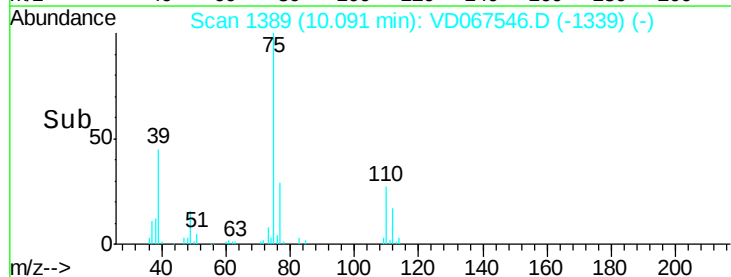
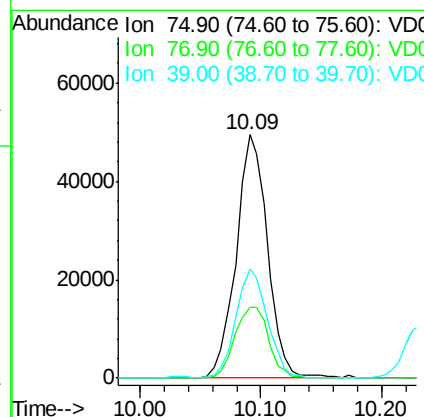
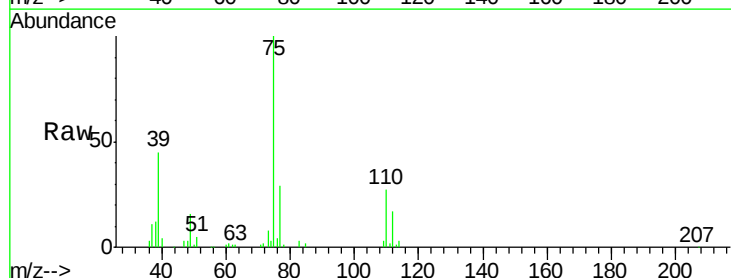
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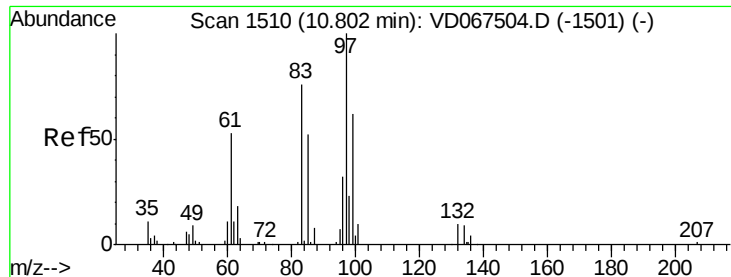
MMDadoda
 11/9/2020 10:13:21 AM



#54
 cis-1,3-Dichloropropene
 Concen: 22.480 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 75 Resp: 89703
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.4 36.6
 39 44.8 35.6 53.4





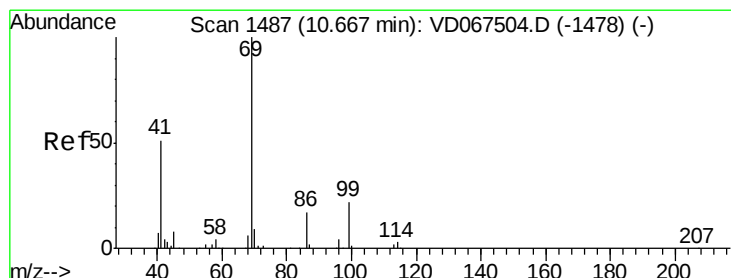
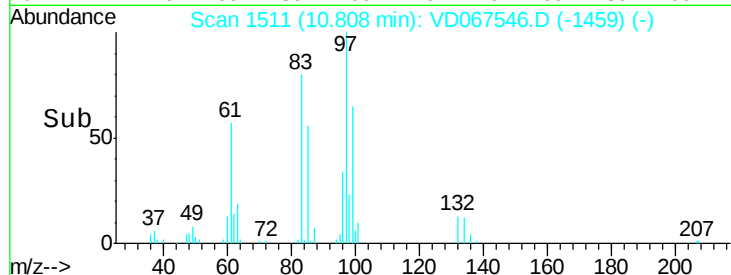
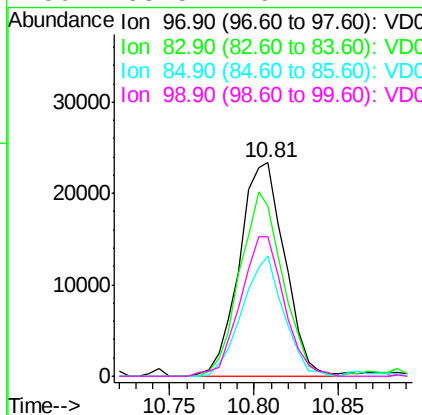
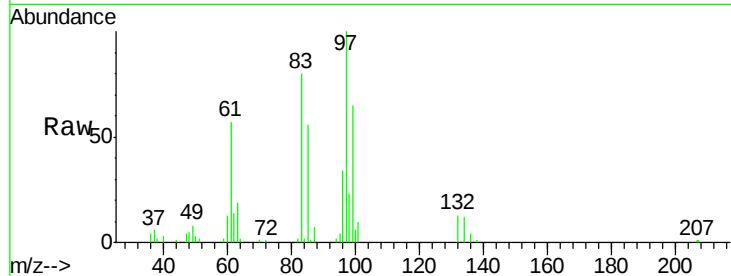
#55
 1,1,2-Trichloroethane
 Concen: 22.797 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion:	97	Resp:	43520
Ion	Ratio	Lower	Upper
97	100		
83	79.7	61.0	91.6
85	56.3	41.5	62.3
99	65.5	49.4	74.2

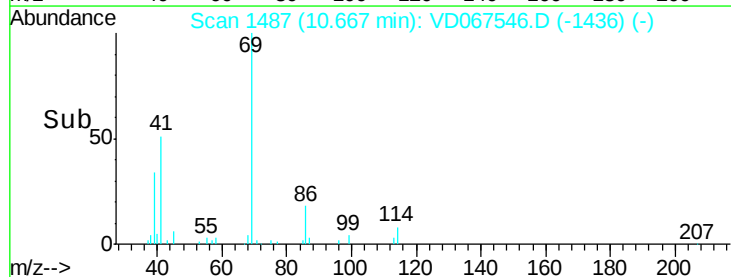
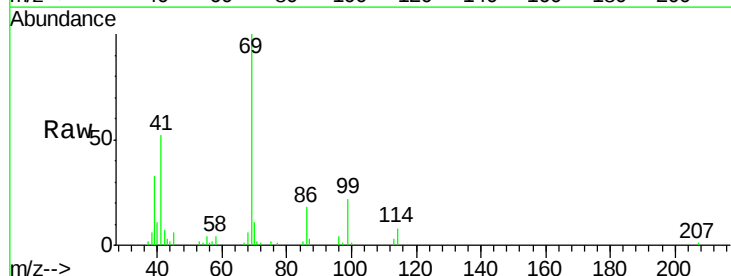
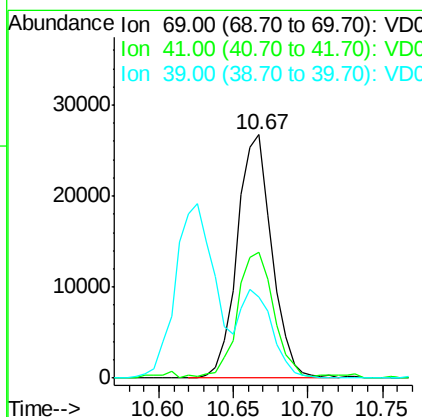
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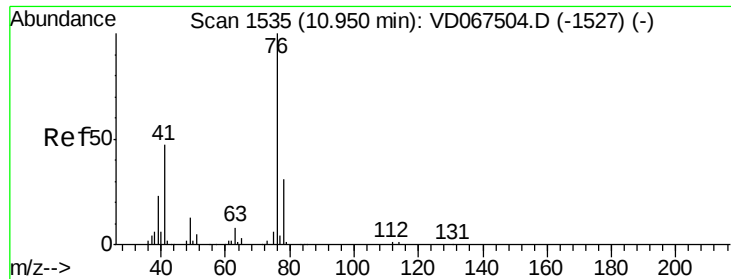
MMDadoda
 11/9/2020 10:13:21 AM



#56
 Ethyl methacrylate
 Concen: 21.934 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion:	69	Resp:	43239
Ion	Ratio	Lower	Upper
69	100		
41	52.6	45.4	68.0
39	33.0	27.4	41.0





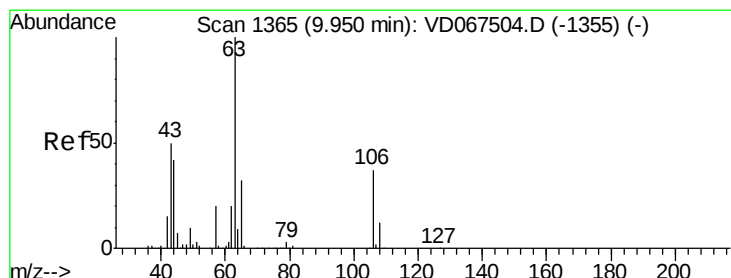
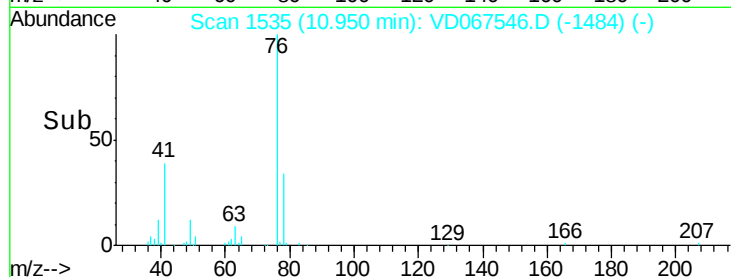
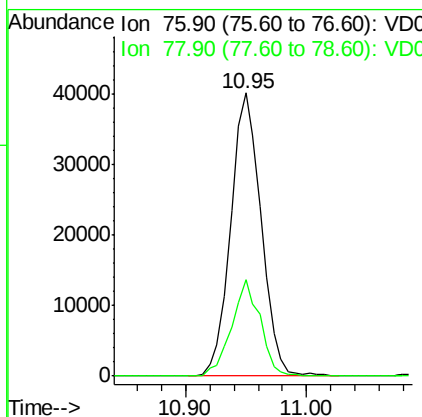
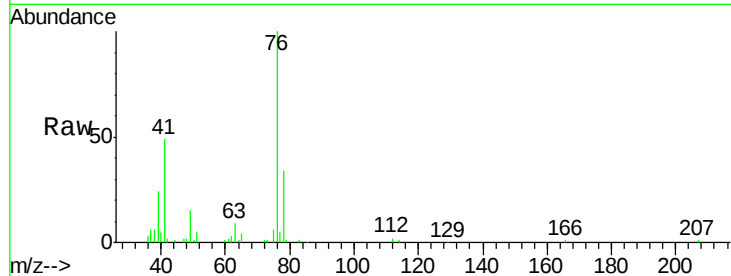
#57
 1,3-Dichloropropane
 Concen: 22.927 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

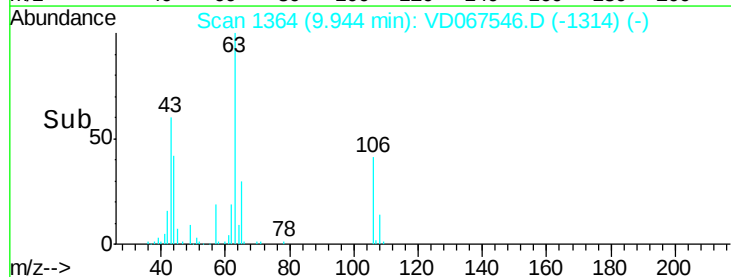
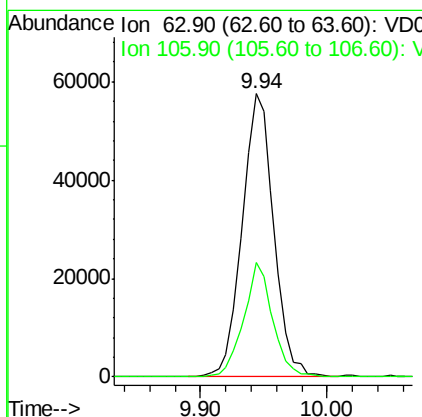
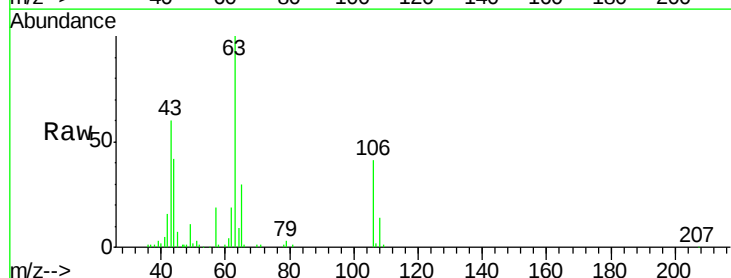
Manual Integrations
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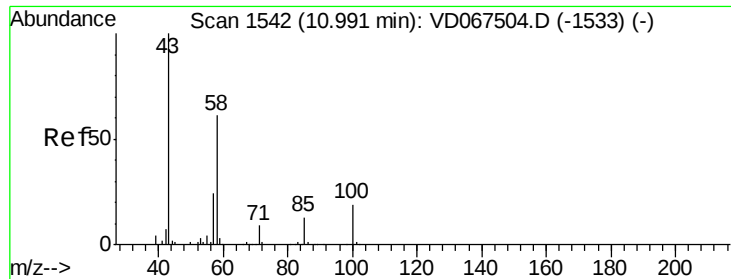
MMDadoda
 11/9/2020 10:13:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.133 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	37.0	29.2	43.8





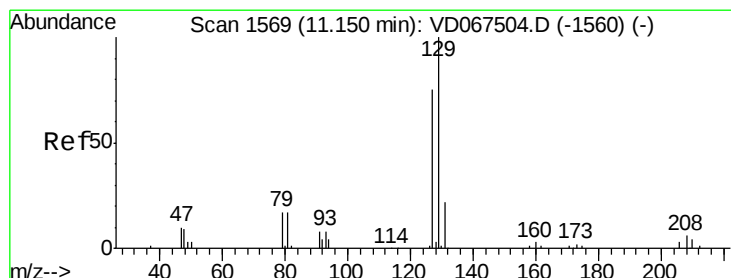
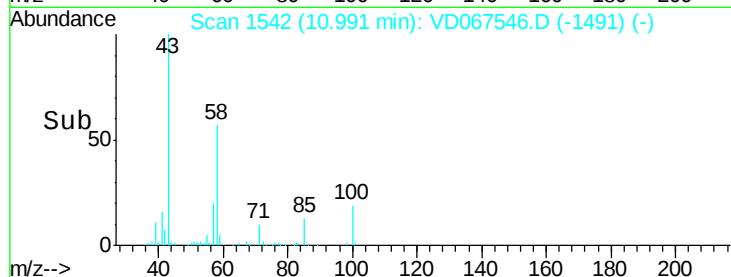
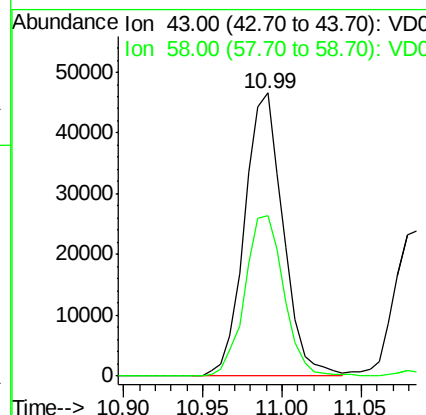
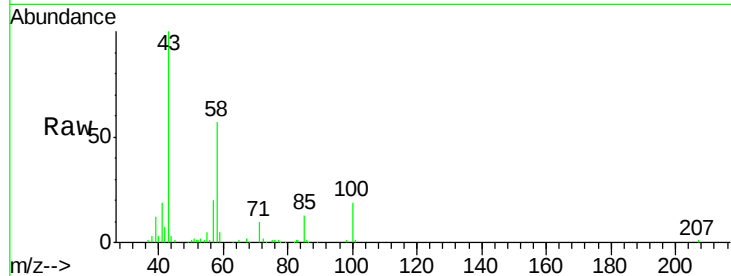
#59
2-Hexanone
Concen: 118.334 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion: 43 Resp: 78720
Ion Ratio Lower Upper
43 100
58 57.3 30.3 90.9

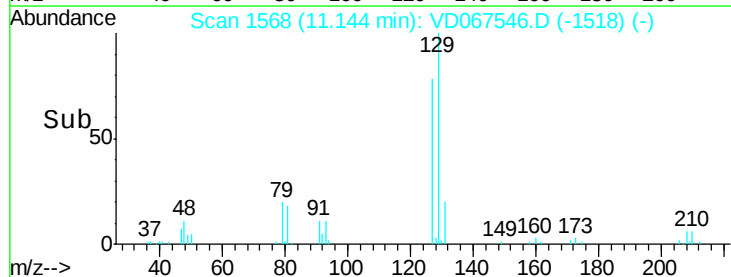
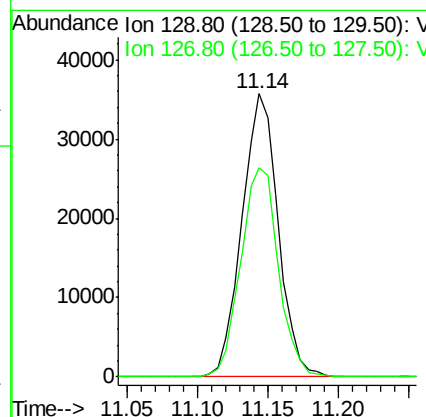
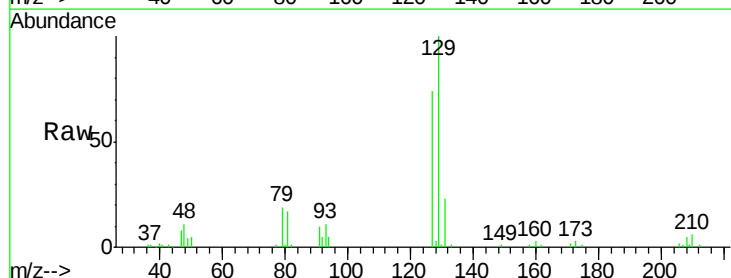
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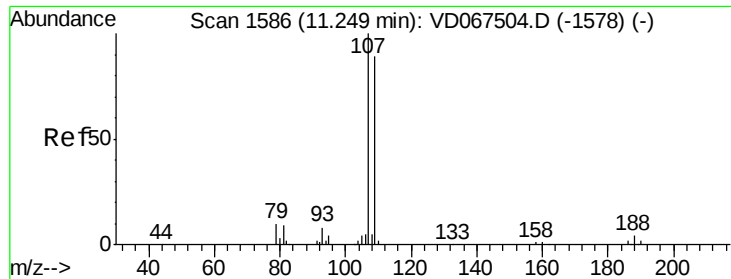
MMDadoda
11/9/2020 10:13:21 AM



#60
Dibromochloromethane
Concen: 22.687 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion: 129 Resp: 64066
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





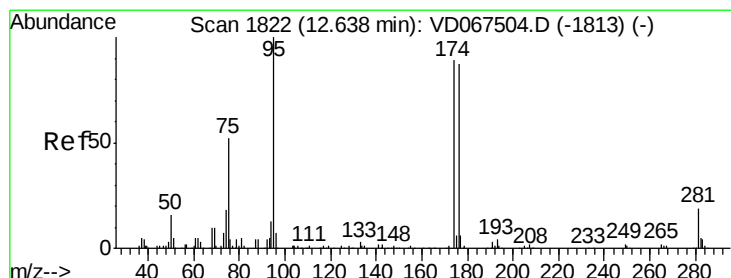
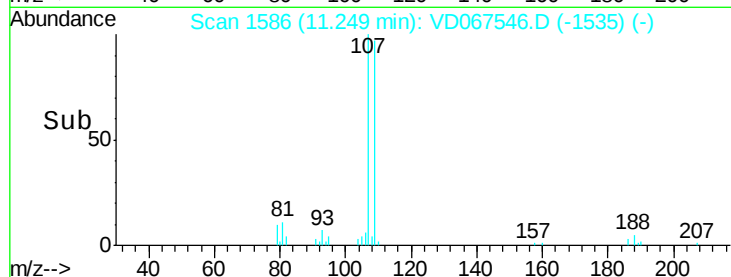
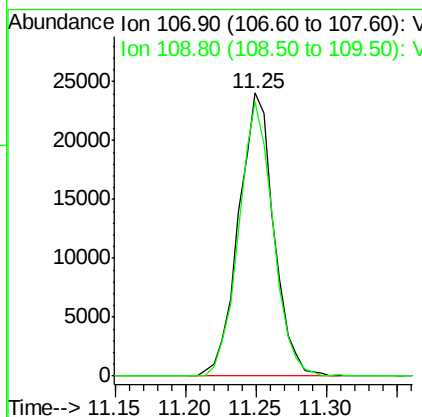
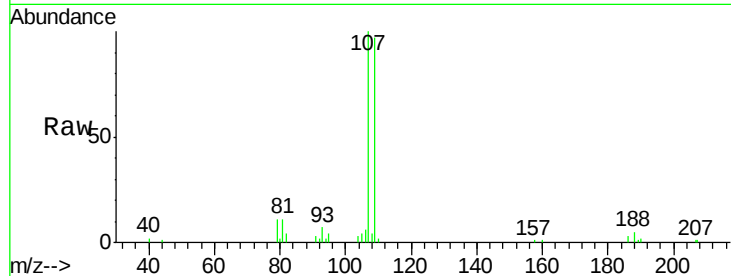
#61
 1,2-Dibromoethane
 Concen: 21.916 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion: 107 Resp: 41989
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 111.8

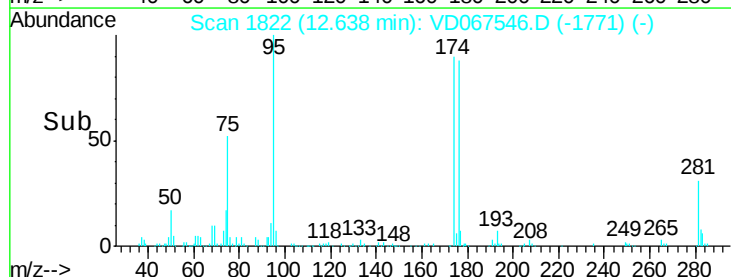
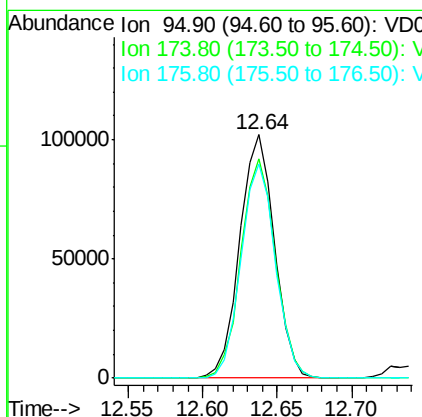
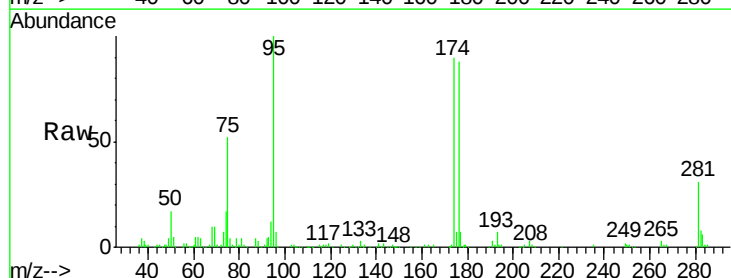
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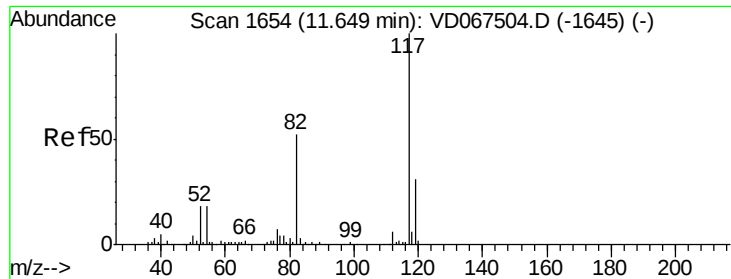
MMDadoda
 11/9/2020 10:13:21 AM



#62
 4-Bromofluorobenzene
 Concen: 49.873 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion: 95 Resp: 165019
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 177.8
 176 86.7 0.0 172.0





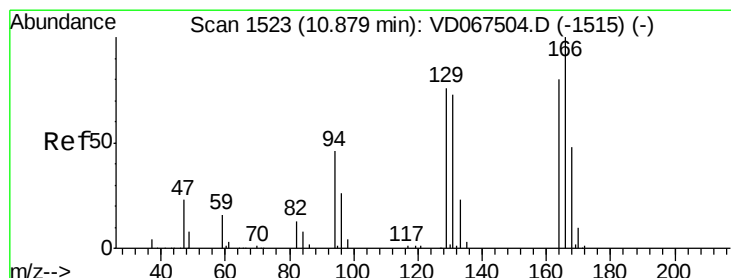
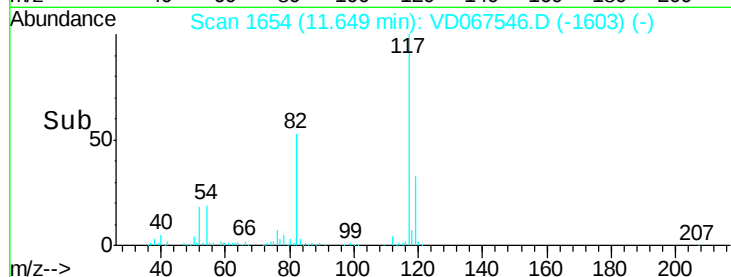
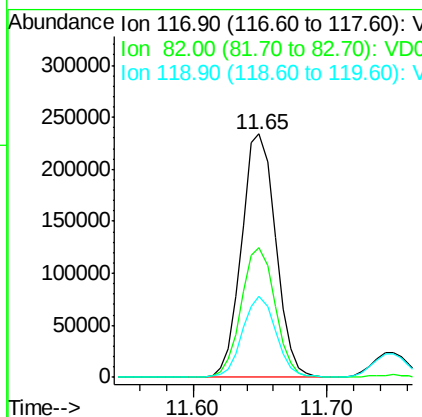
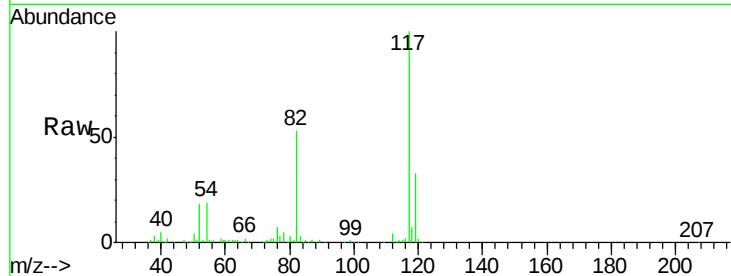
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.6	62.4
119	33.2	25.1	37.7

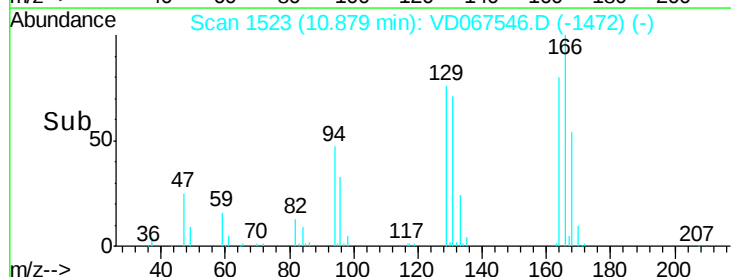
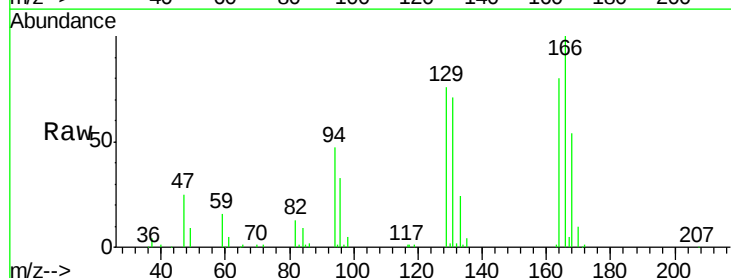
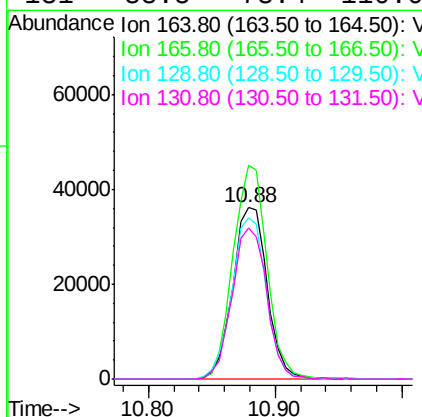
Manual Integrations
APPROVED

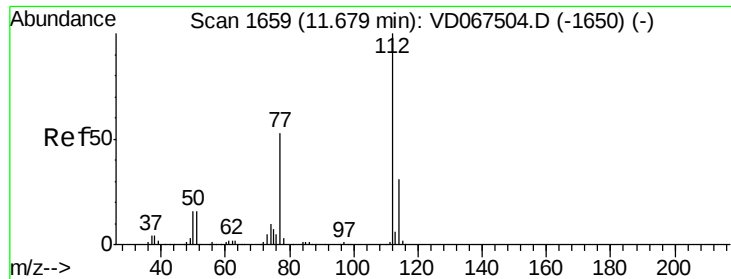
MMDadoda
11/9/2020 10:13:21 AM



#64
Tetrachloroethene
Concen: 22.064 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.9	149.9
129	94.5	75.5	113.3
131	88.5	73.4	110.0





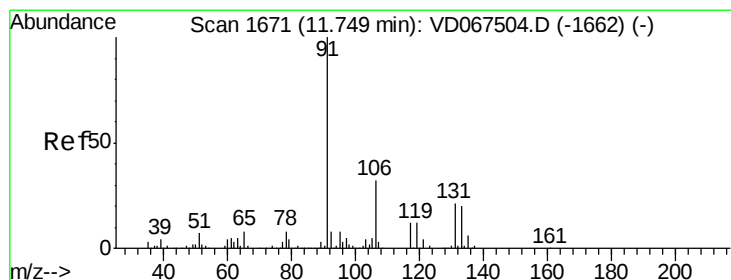
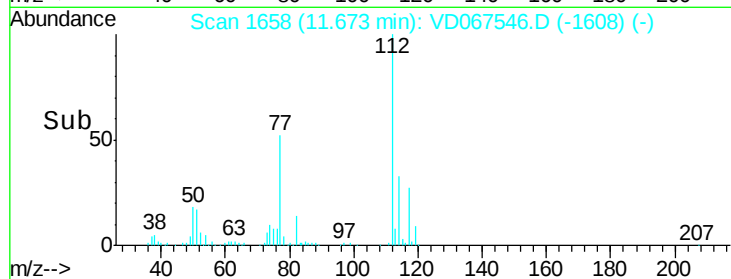
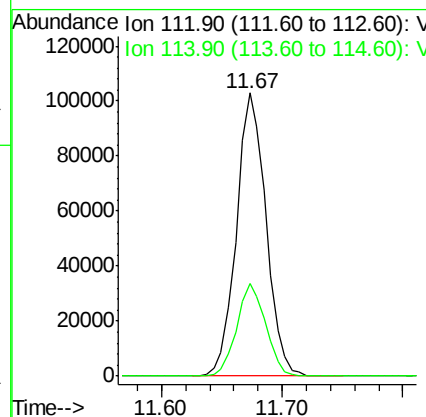
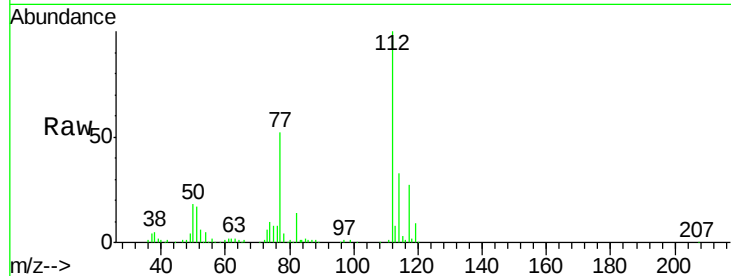
#65
Chlorobenzene
Concen: 21.940 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.9	37.3

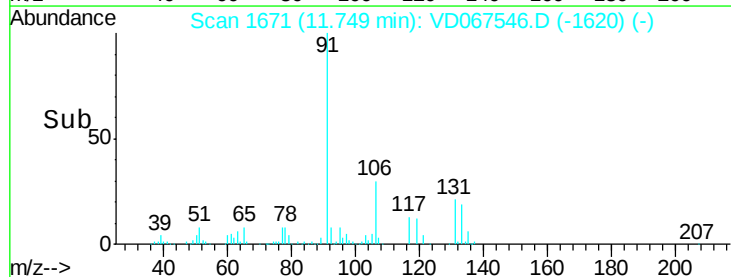
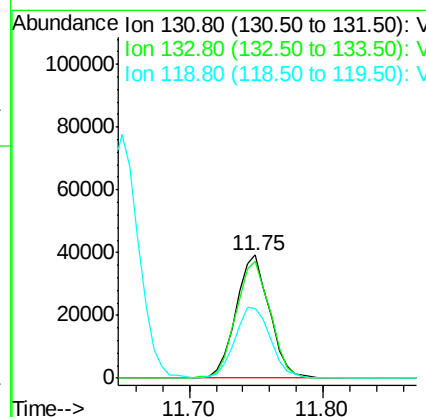
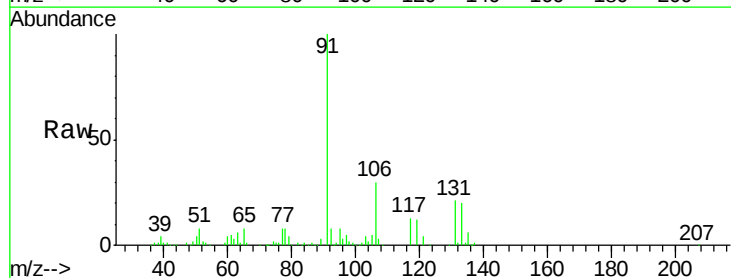
Manual Integrations
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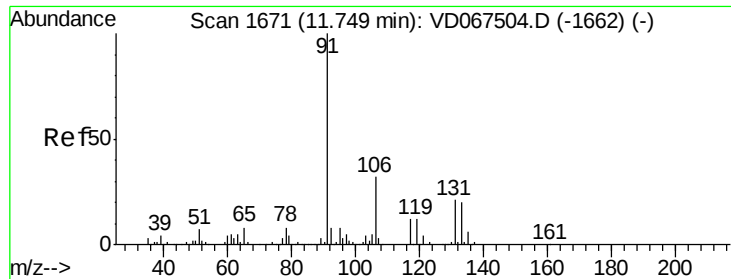
MMDadoda
11/9/2020 10:13:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.749 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	61.0	30.1	90.5





#67

Ethyl Benzene

Concen: 22.066 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 91 Resp: 301965

Ion Ratio Lower Upper

91 100

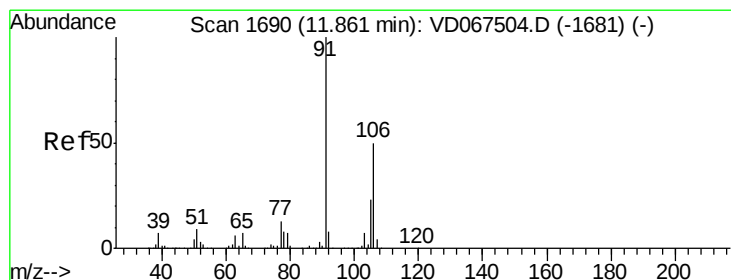
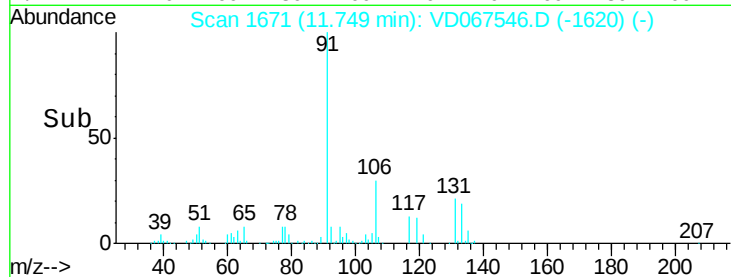
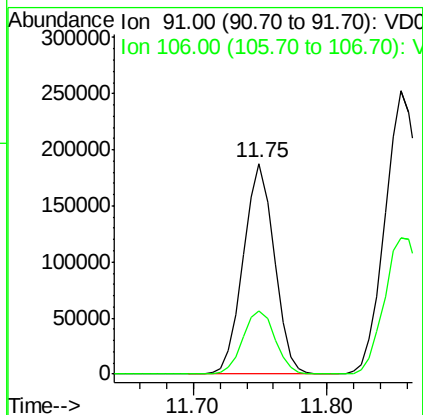
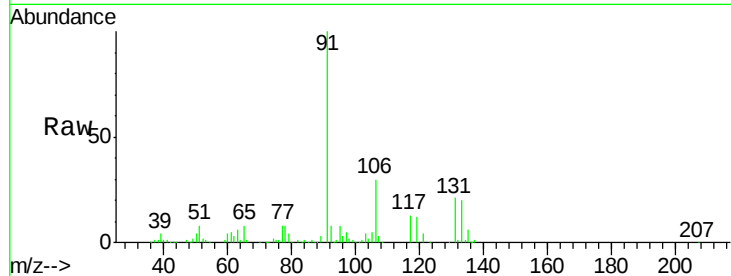
106 30.2 25.7 38.5

Manual Integrations

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11/9/2020 10:13:21 AM



#68

m/p-Xylenes

Concen: 44.884 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067546.D

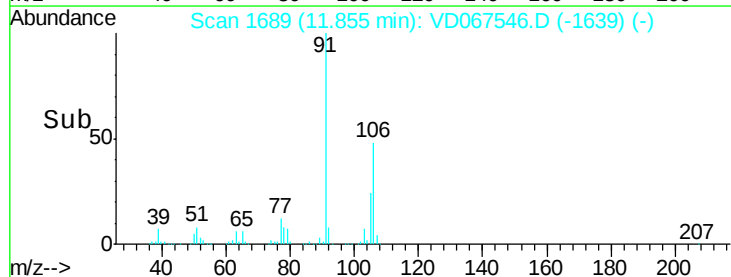
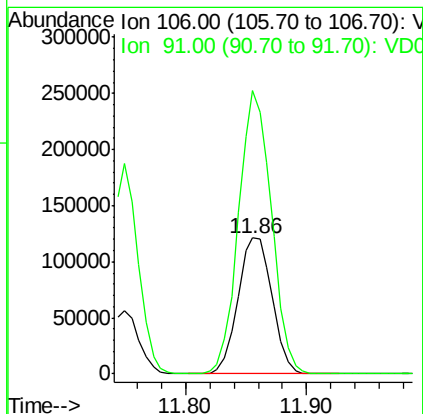
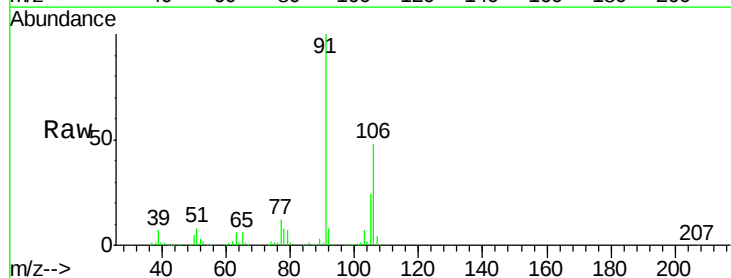
Acq: 06 Nov 2020 11:37

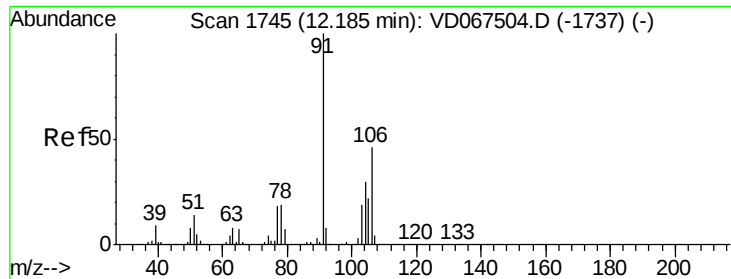
Tgt Ion: 106 Resp: 238965

Ion Ratio Lower Upper

106 100

91 200.8 162.6 244.0





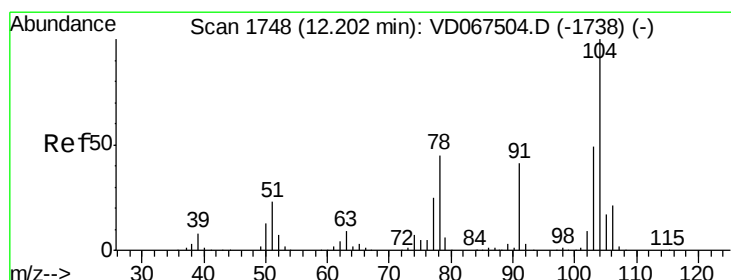
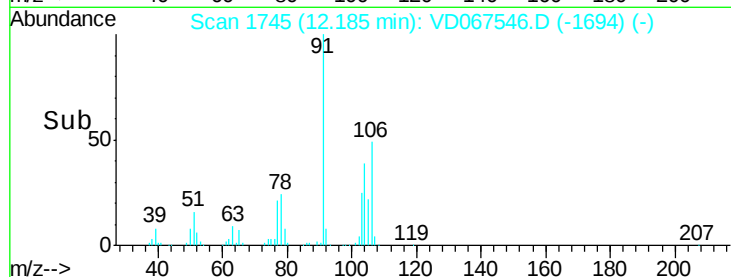
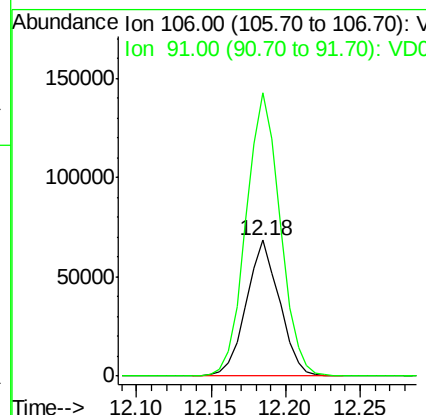
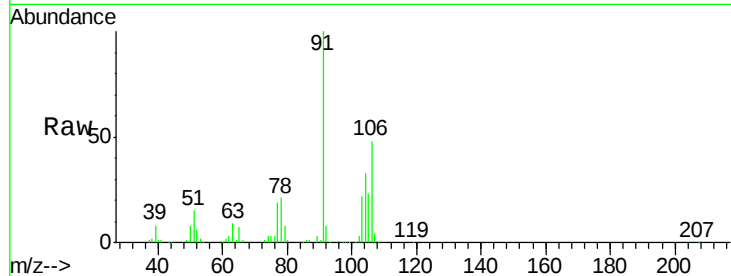
#69
o-Xylene
Concen: 22.216 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		105600		
91	213.8	107.1	321.1		

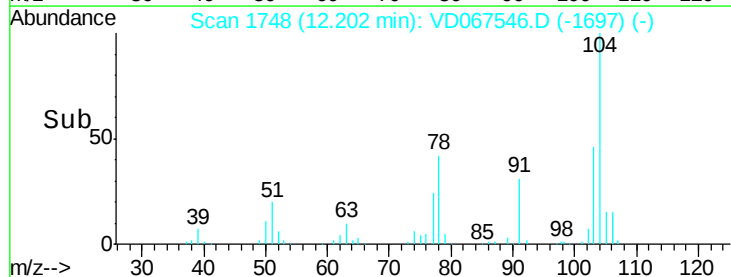
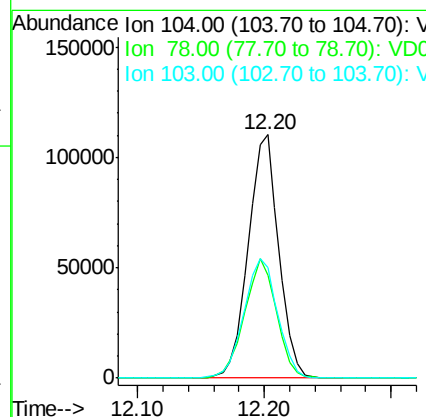
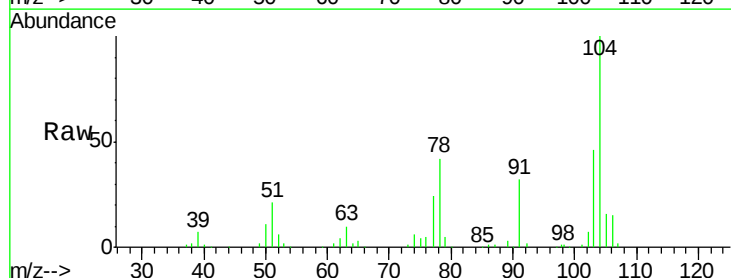
Manual Integrations
APPROVED

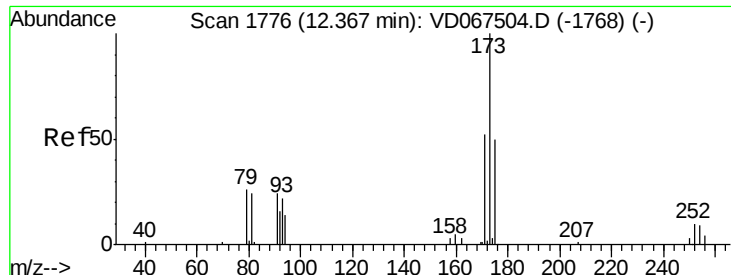
MMDadoda
11/9/2020 10:13:21 AM



#70
Styrene
Concen: 22.260 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		184376		
78	51.3	39.8	59.8		
103	54.1	43.9	65.9		





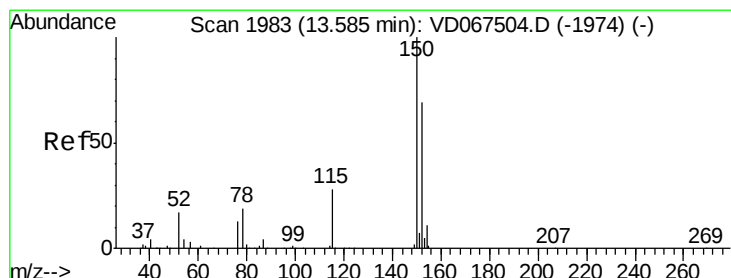
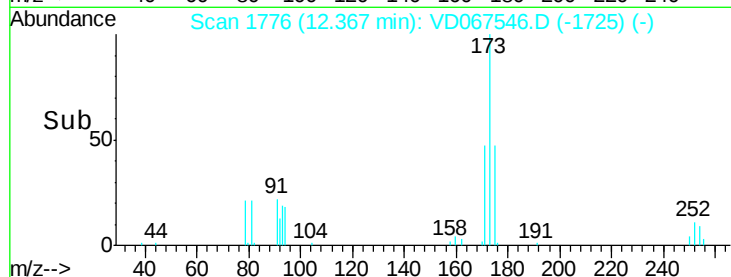
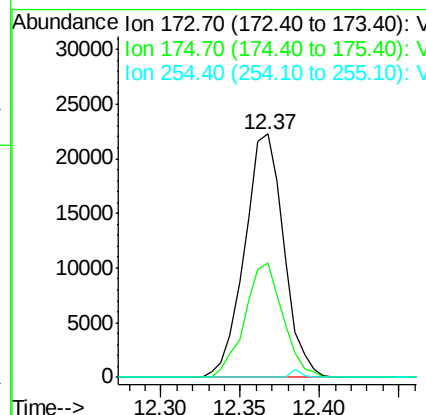
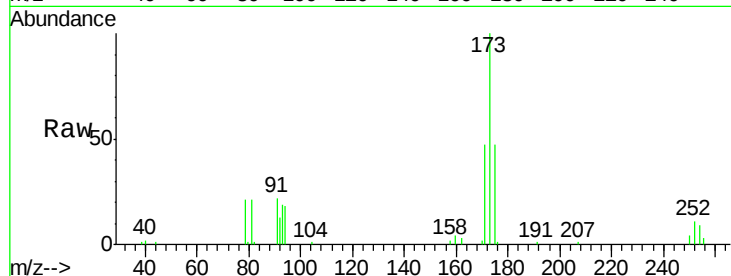
#71
Bromoform
Concen: 23.815 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.3	24.1	72.2
254	0.8	0.0	0.0#

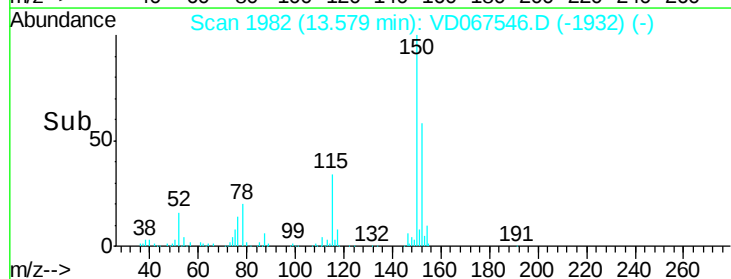
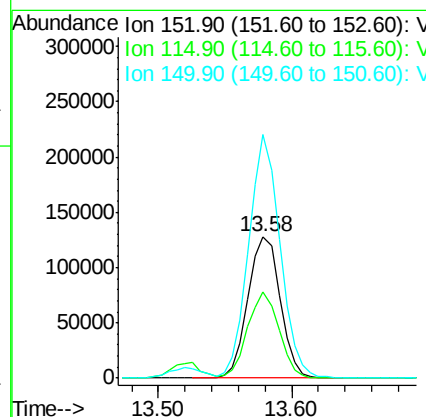
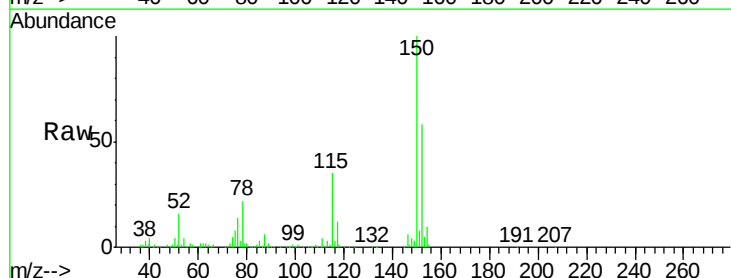
Manual Integrations
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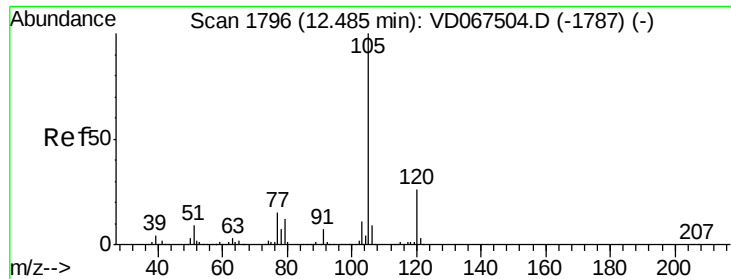
MMDadoda
11/9/2020 10:13:21 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	167.2	0.0	338.2





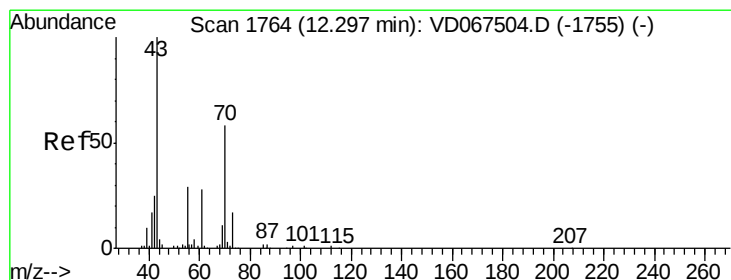
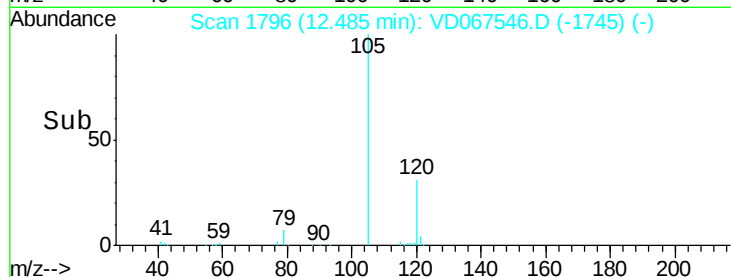
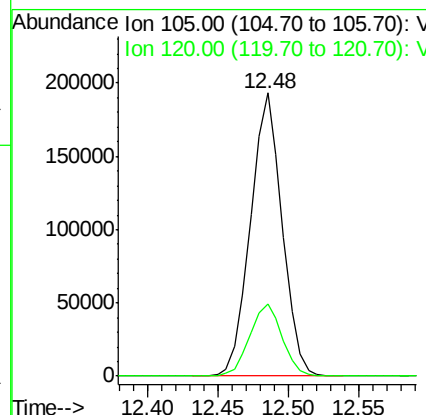
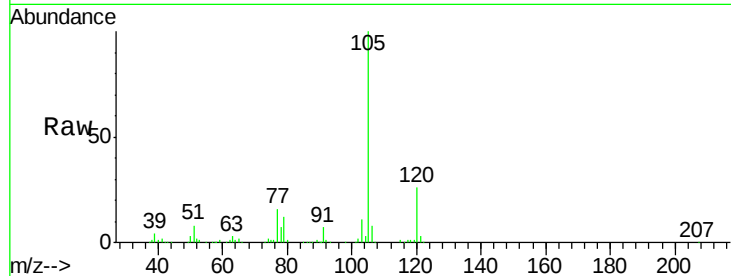
#73
Isopropylbenzene
Concen: 21.955 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

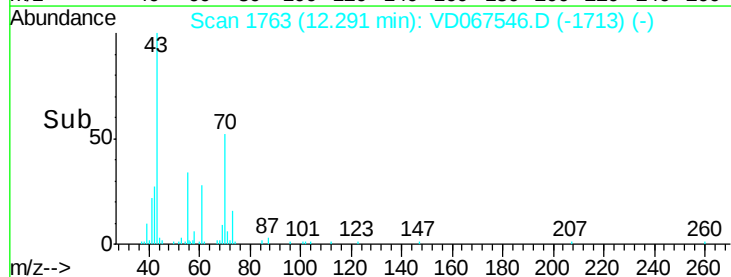
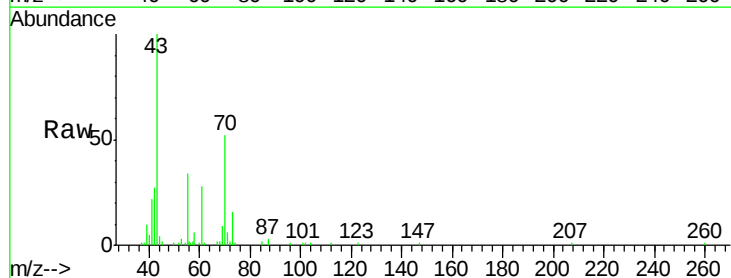
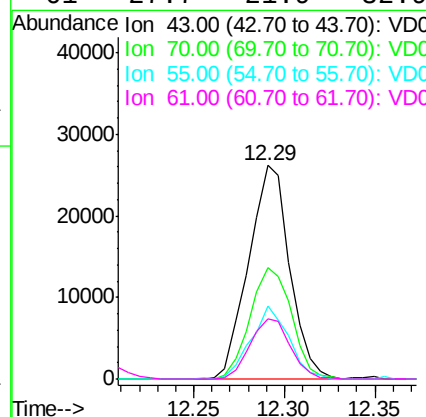
Manual Integrations
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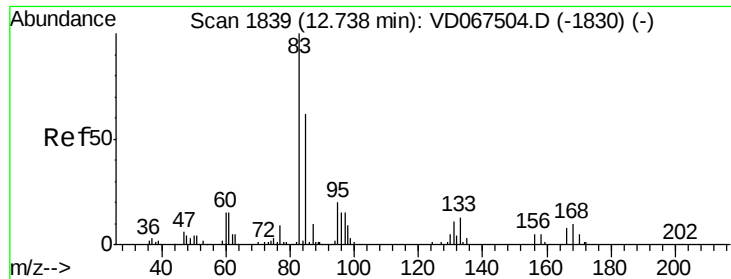
MMDadoda
11/9/2020 10:13:21 AM



#74
N-ethyl acetate
Concen: 22.697 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	52.4	42.6	64.0
55	31.4	23.7	35.5
61	27.7	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.135 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

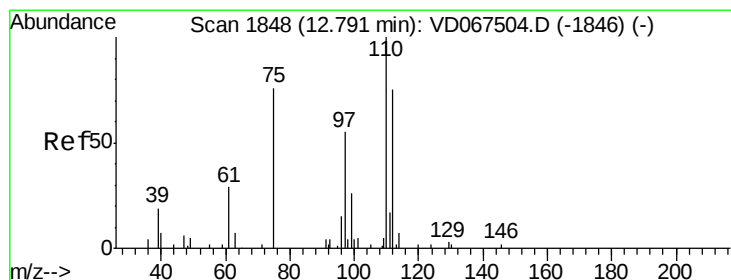
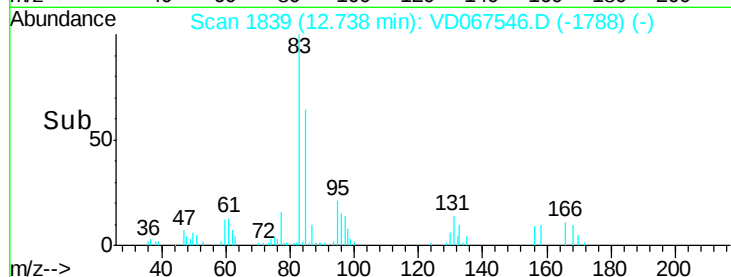
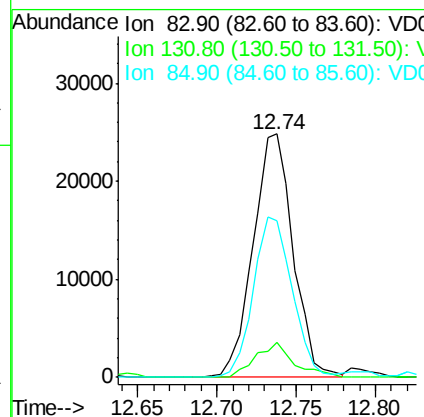
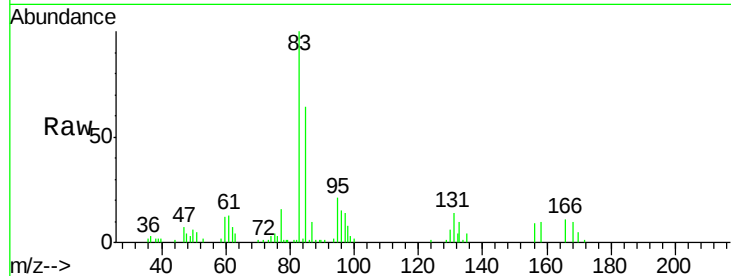
ClientSampleId :

VD1106SBS01

Tot Ion:	83	Resp:	43565
Ion Ratio	Lower	Upper	
83	100		
131	13.6	7.1	21.3
85	64.1	32.9	98.7

Manual Integrations
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11/9/2020 10:13:21 AM



#76

1,2,3-Trichloropropane

Concen: 20.813 ug/l m

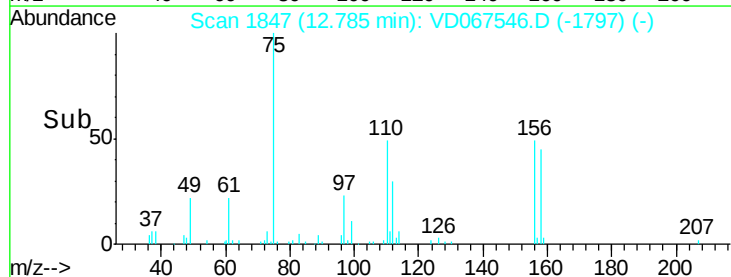
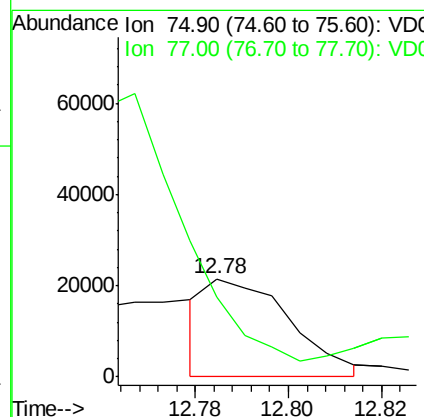
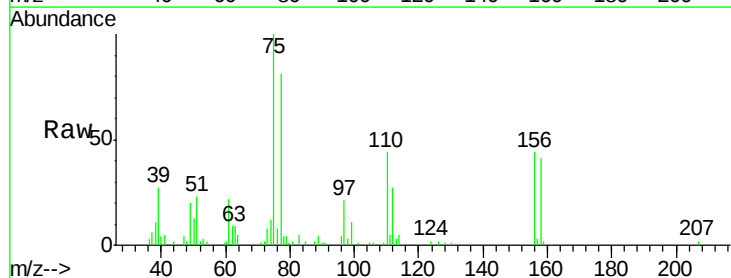
RT: 12.78 min Scan# 1847

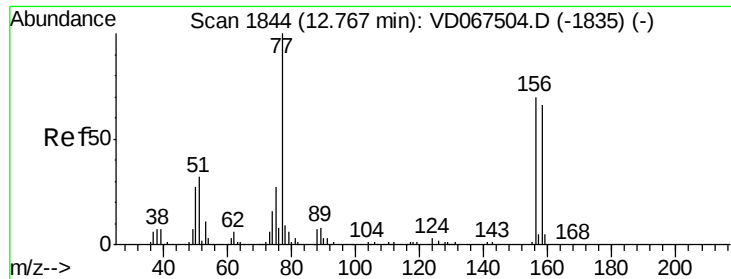
Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion:	75	Resp:	26829
Ion Ratio	Lower	Upper	
75	100		
77	425.0	0.0	0.0#





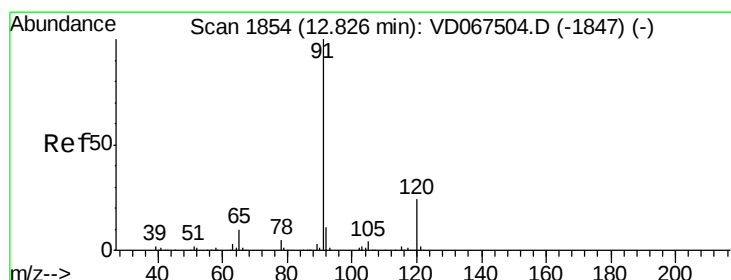
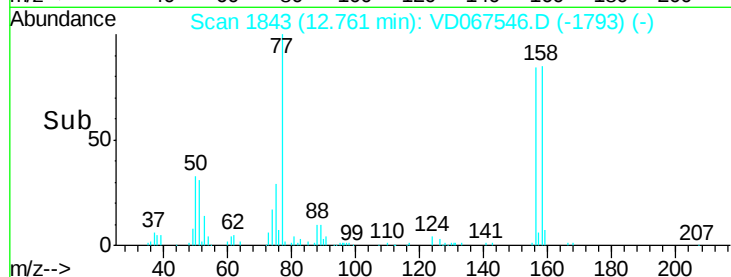
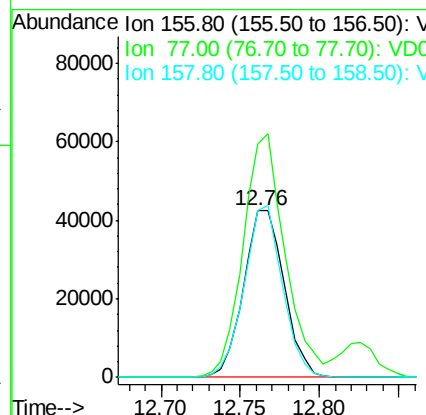
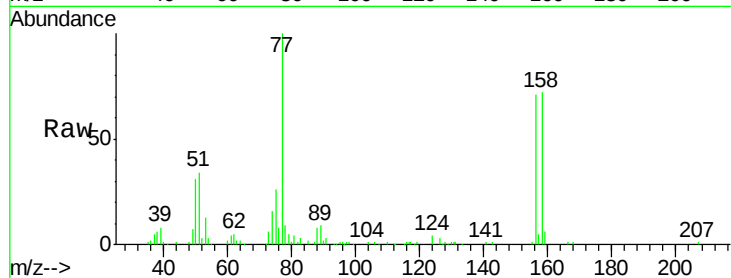
#77
Bromobenzene
Concen: 22.325 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.6	77.8	233.5
158	97.2	47.9	143.7

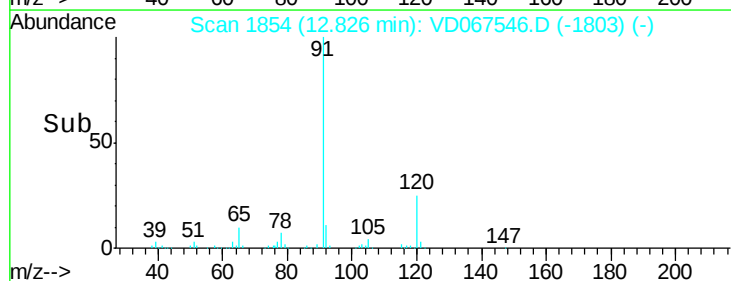
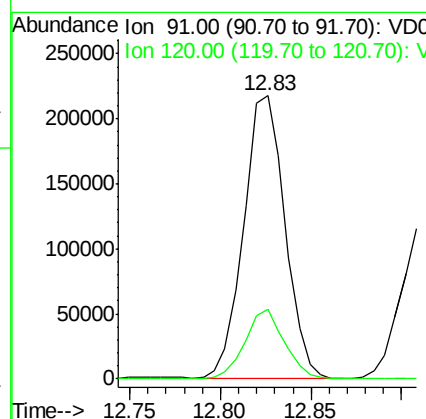
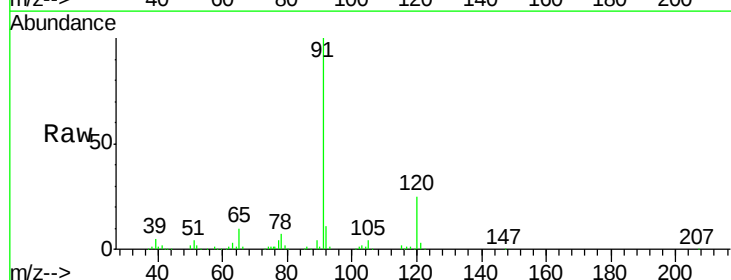
Manual Integrations
APPROVED

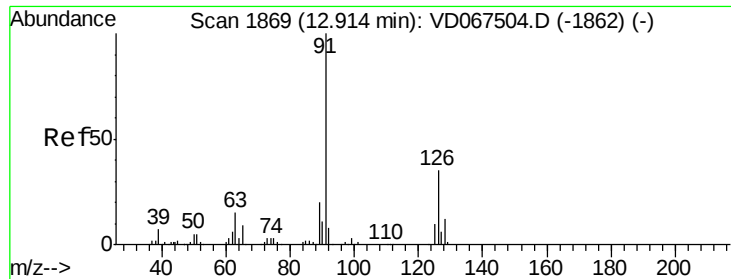
MMDadoda
11/9/2020 10:13:21 AM



#78
n-propylbenzene
Concen: 21.865 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.2	36.4





#79

2-Chlorotoluene

Concen: 22.052 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tot Ion: 91 Resp: 197873

Ion Ratio Lower Upper

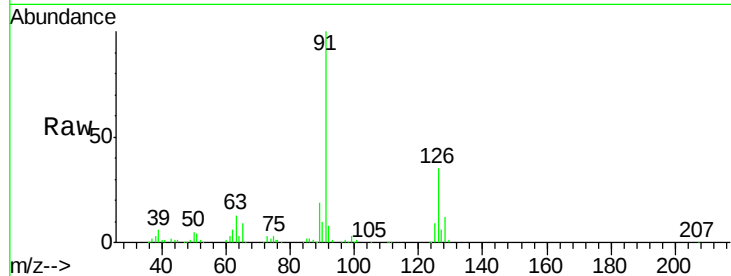
91 100

126 35.8 17.8 53.4

Manual Integrations
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MMDadoda

11/9/2020 10:13:21 AM



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

Ion 125.90 (125.60 to 126.60): VD067504.D (-1862) (-)

250000

200000

150000

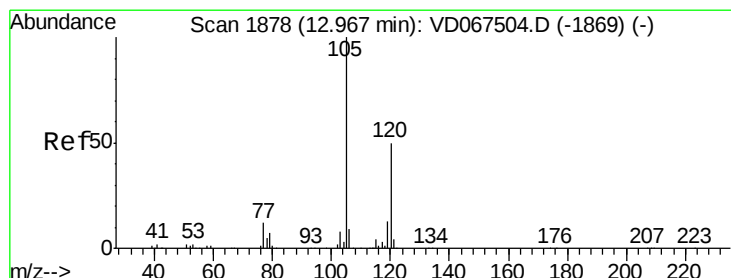
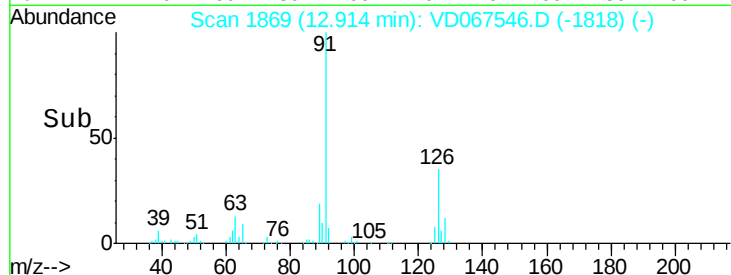
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.283 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067546.D

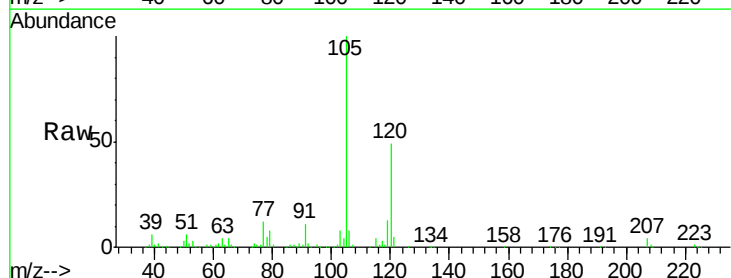
Acq: 06 Nov 2020 11:37

Tgt Ion:105 Resp: 262868

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



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

Ion 120.00 (119.70 to 120.70): VD067504.D (-1869) (-)

150000

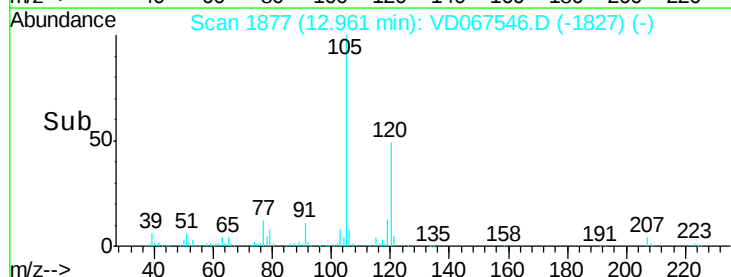
100000

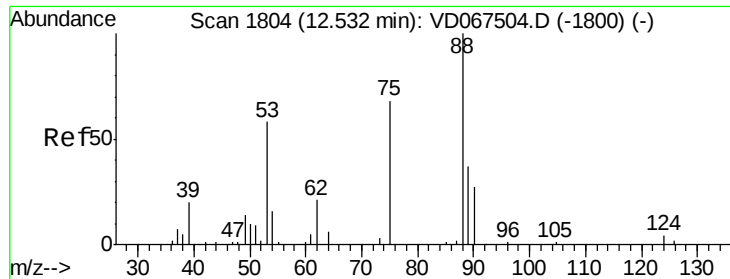
50000

0

12.90 12.95 13.00

Time-->





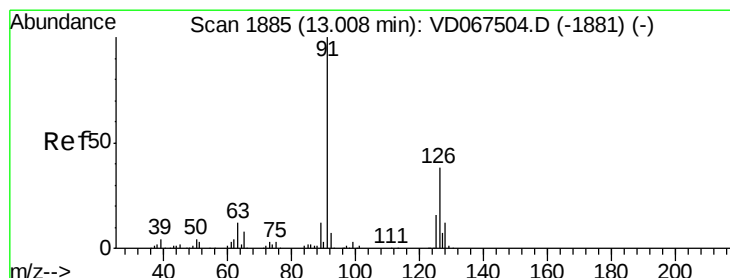
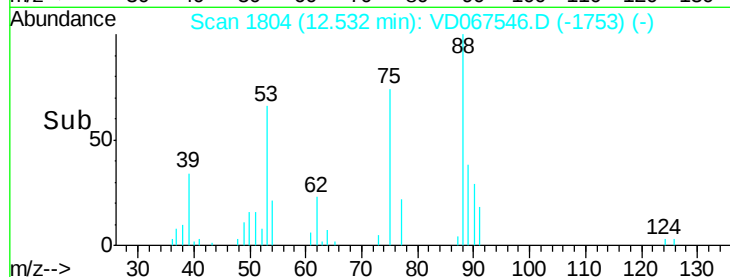
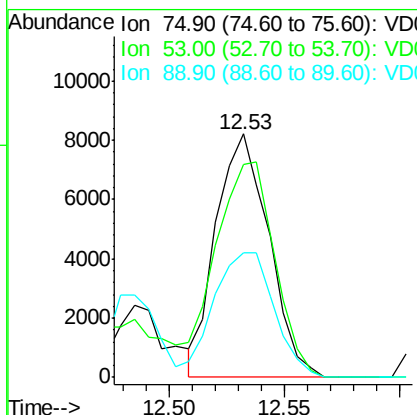
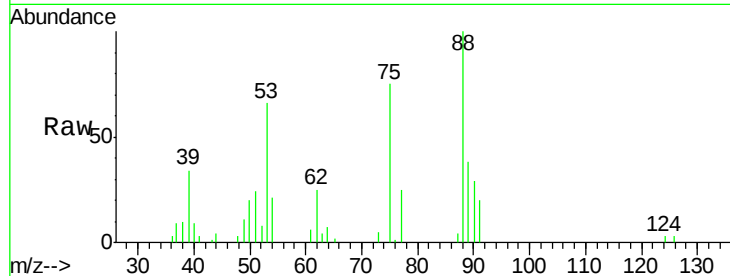
#81
trans-1,4-Dichloro-2-butene
Concen: 20.538 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	75.9	113.9
89	59.0	44.6	67.0

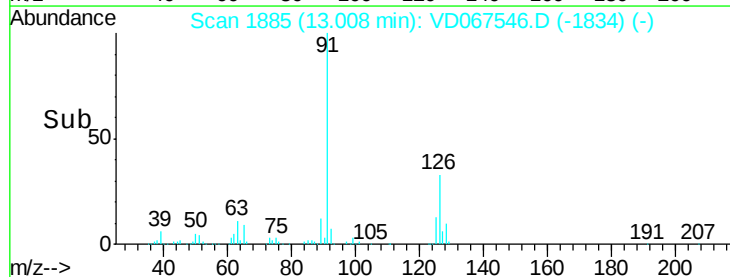
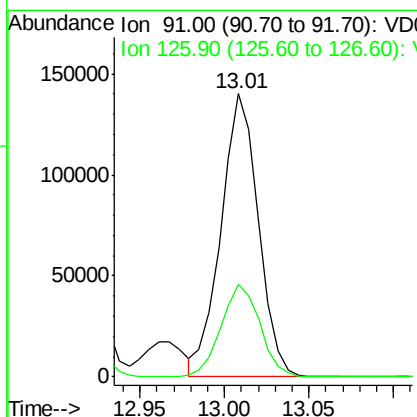
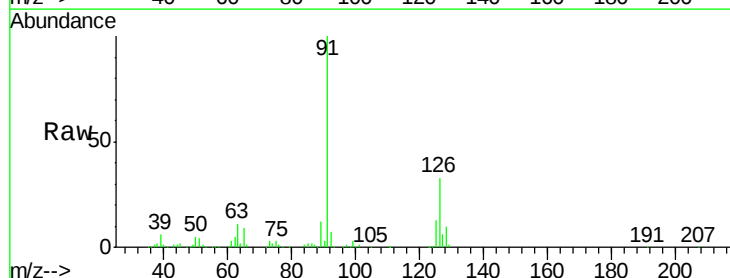
Manual Integrations
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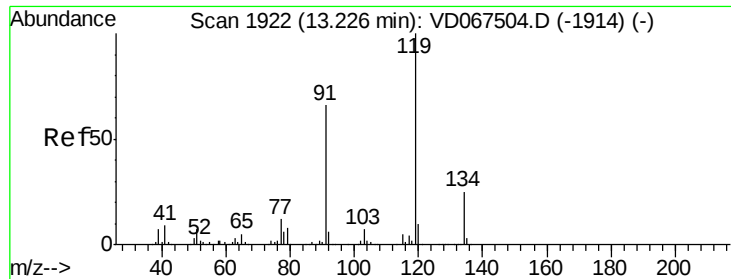
MMDadoda
11/9/2020 10:13:21 AM



#82
4-Chlorotoluene
Concen: 22.420 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.9	53.7





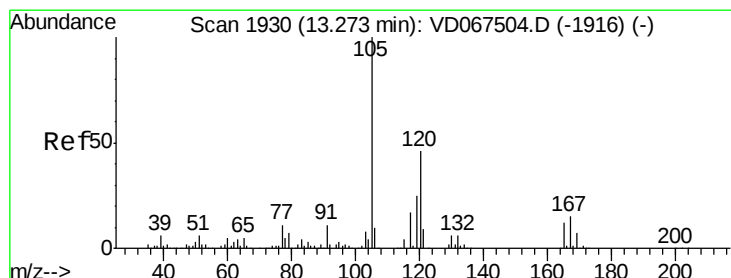
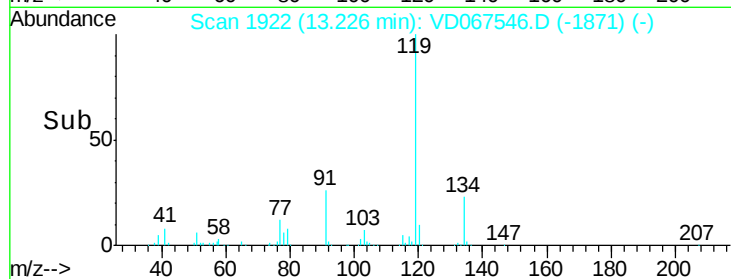
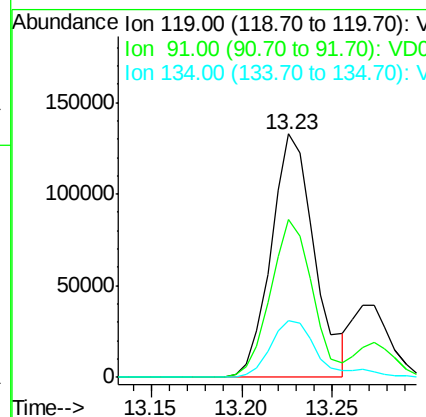
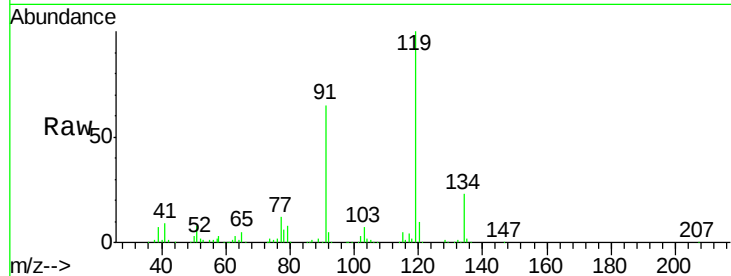
#83
tert-Butylbenzene
Concen: 22.084 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220797		
91	62.9		32.7	98.1
134	26.1		13.4	40.2

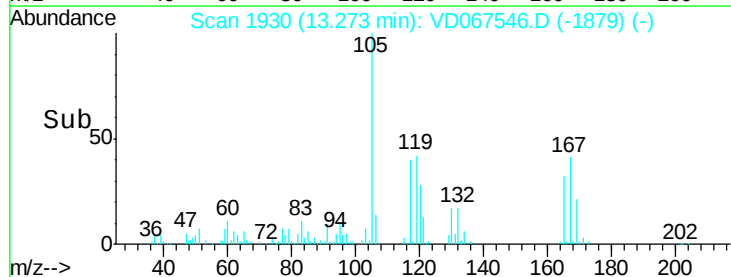
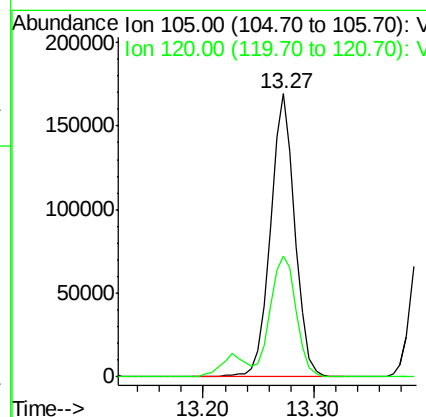
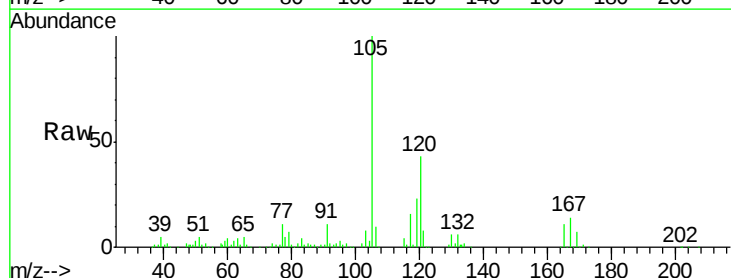
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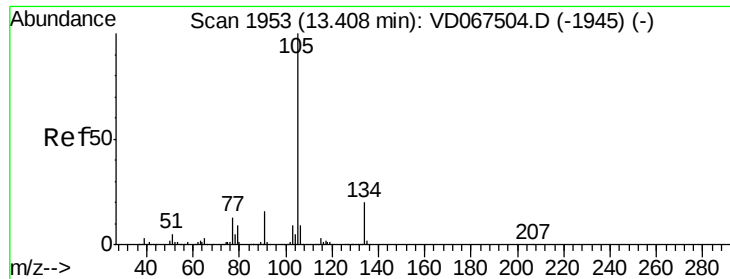
MMDadoda
11/9/2020 10:13:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 22.170 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260335		
120	45.3		22.1	66.1





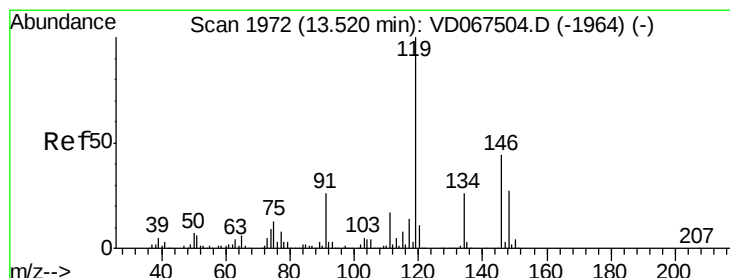
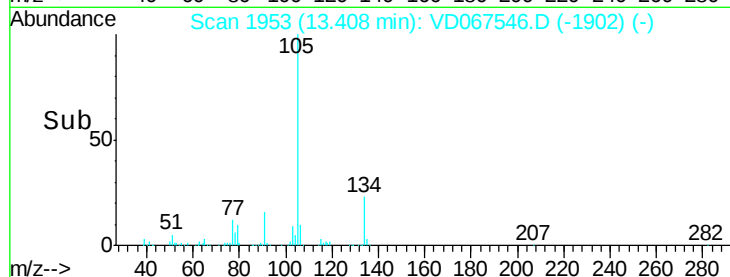
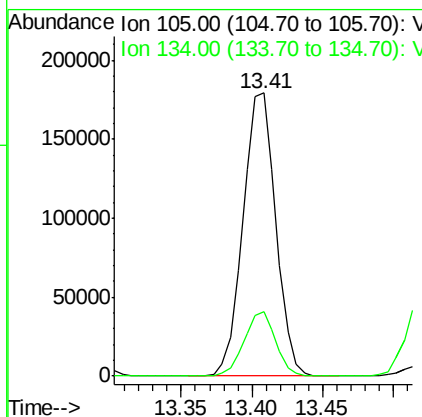
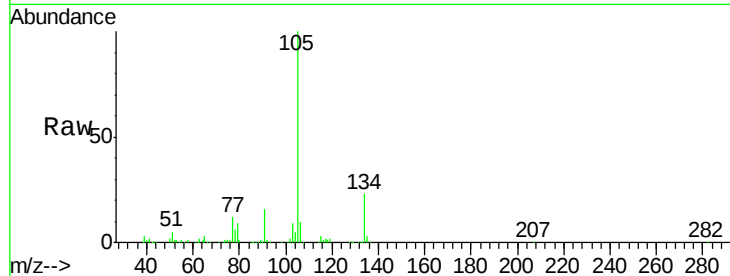
#85
 sec-Butylbenzene
 Concen: 21.620 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	291797		
134	21.9	10.4	31.4	

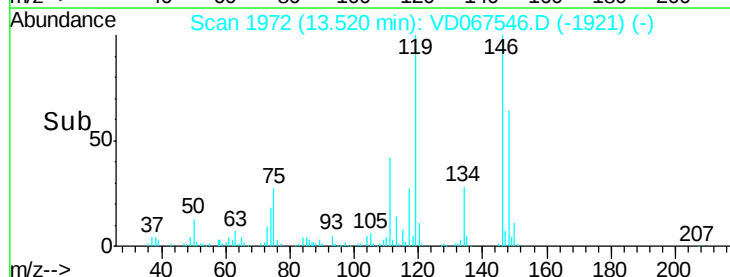
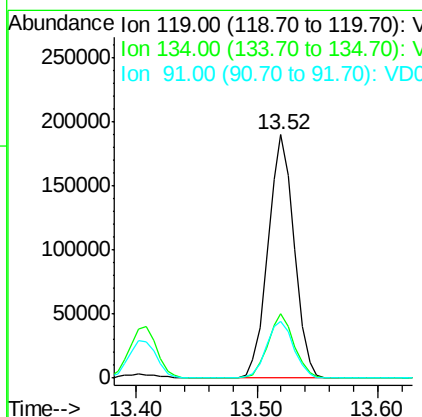
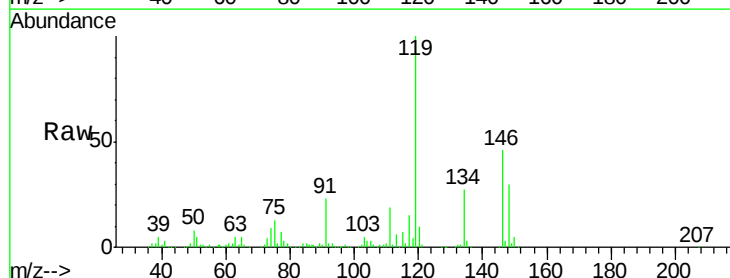
Manual Integrations
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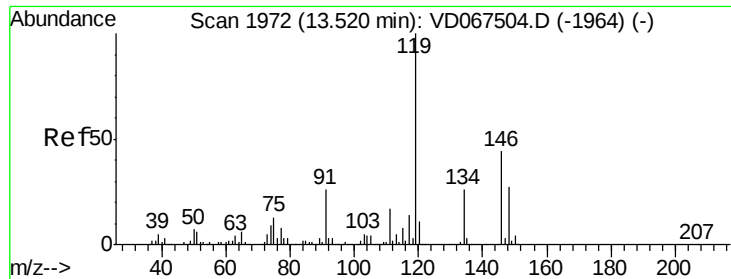
MMDadoda
 11/9/2020 10:13:21 AM



#86
 p-Isopropyltoluene
 Concen: 21.903 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	285470		
134	26.3	13.1	39.3	
91	24.3	12.2	36.4	





#87

1,3-Dichlorobenzene

Concen: 22.228 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

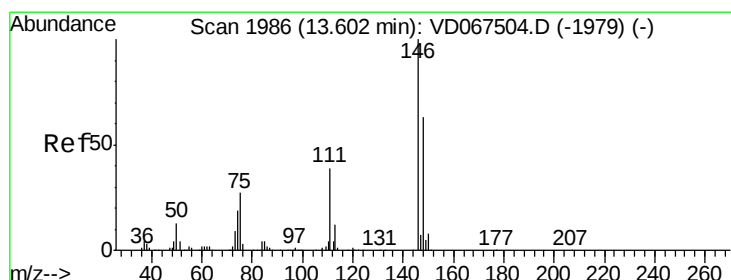
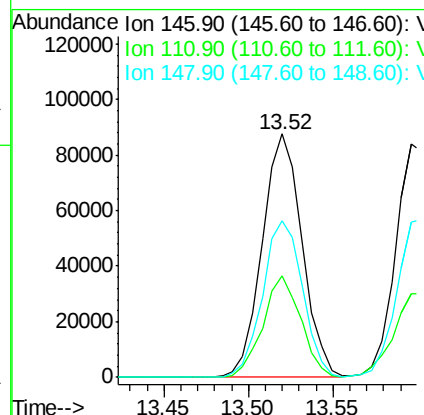
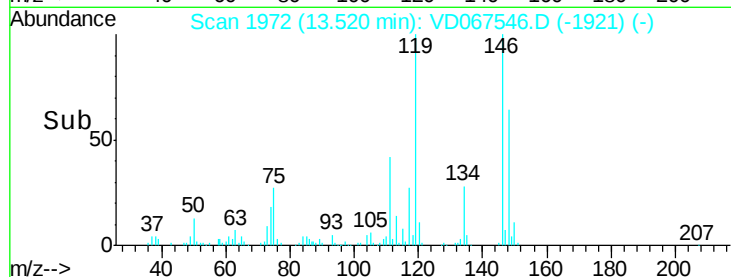
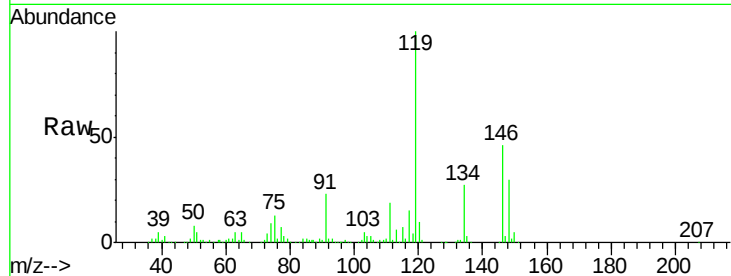
Instrument :
MSVOA_D

ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143848		
111	39.8	20.3	60.8	
148	64.6	31.9	95.9	

Manual Integrations
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11/9/2020 10:13:21 AM



#88

1,4-Dichlorobenzene

Concen: 21.465 ug/l

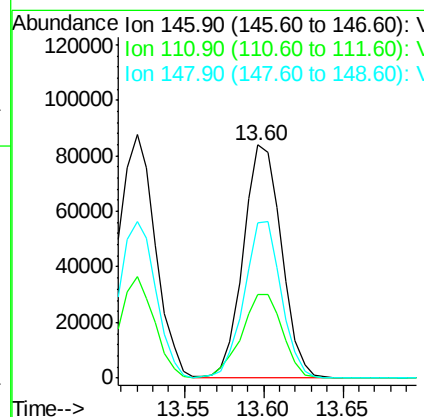
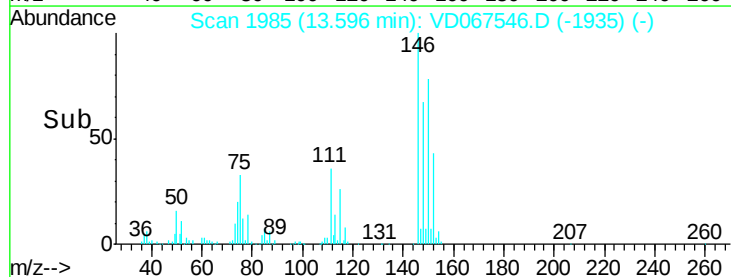
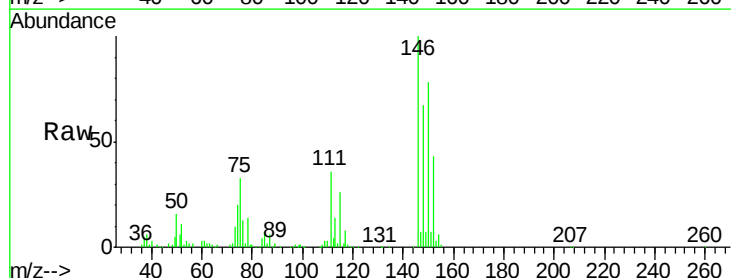
RT: 13.60 min Scan# 1985

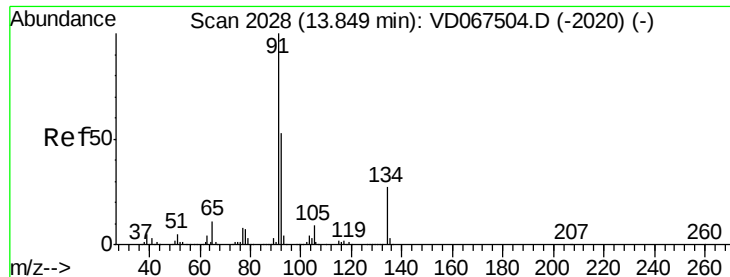
Delta R.T. -0.01 min

Lab File: VD067546.D

Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140657		
111	38.9	19.6	58.7	
148	65.4	31.8	95.4	





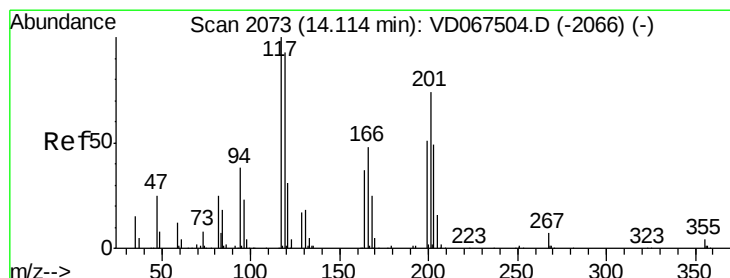
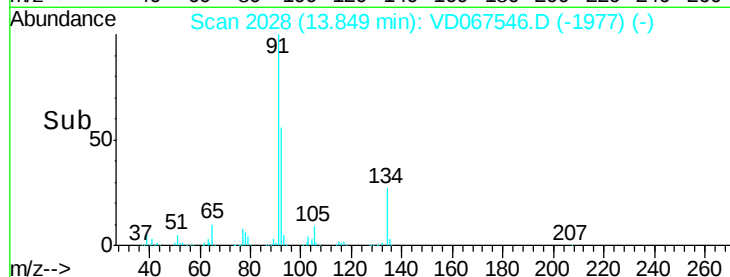
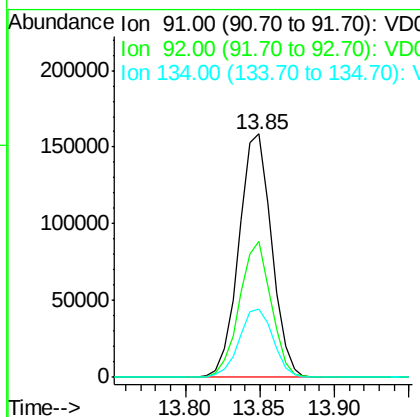
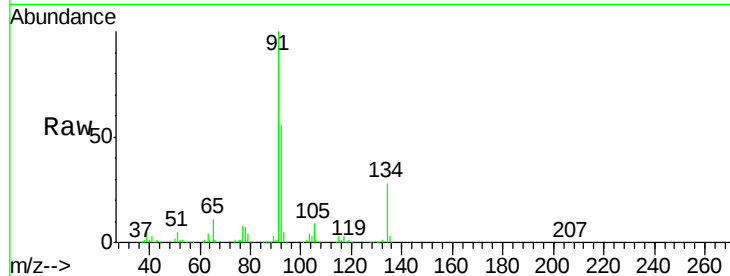
#89
n-Butylbenzene
Concen: 21.433 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.6	79.8
134	28.9	14.1	42.2

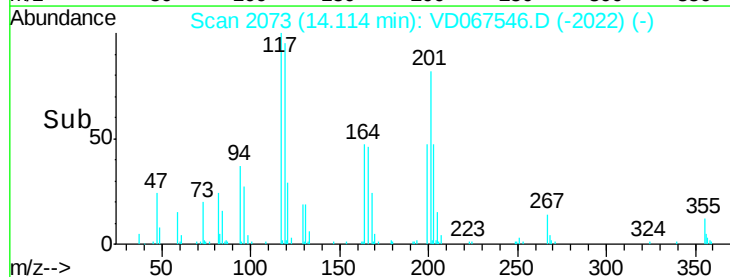
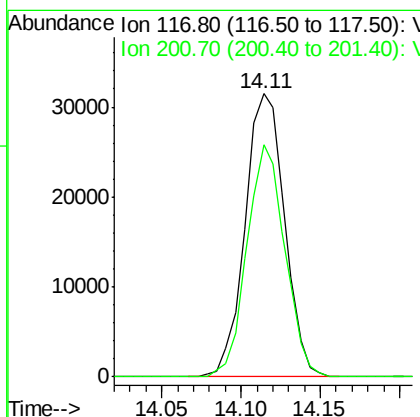
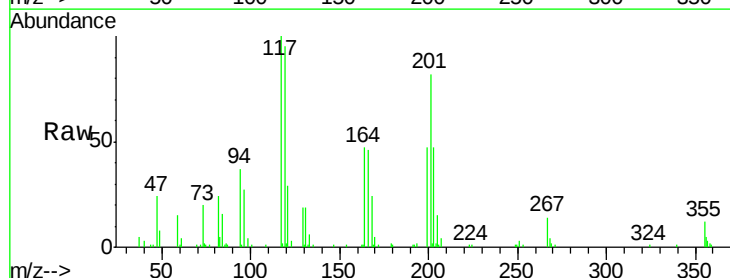
Manual Integrations
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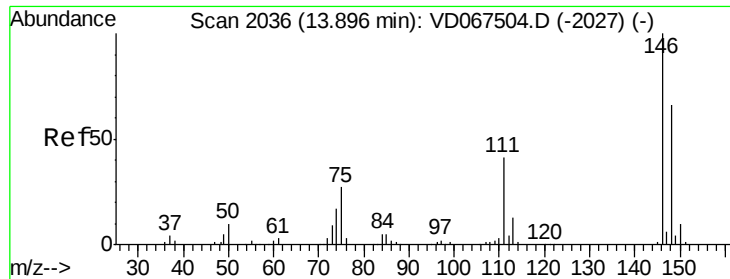
MMDadoda
11/9/2020 10:13:21 AM



#90
Hexachloroethane
Concen: 22.195 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.7	122.1





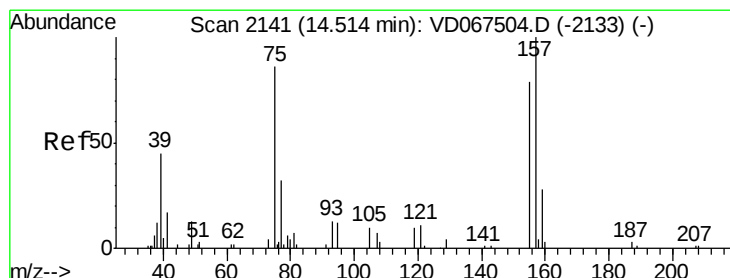
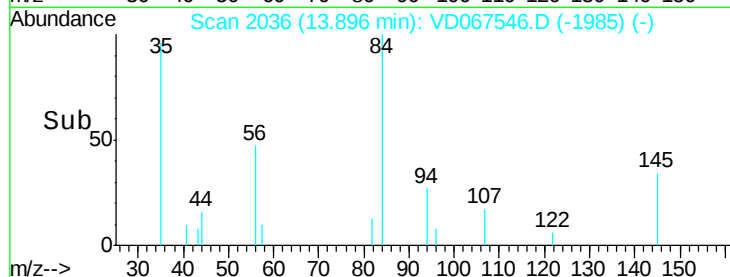
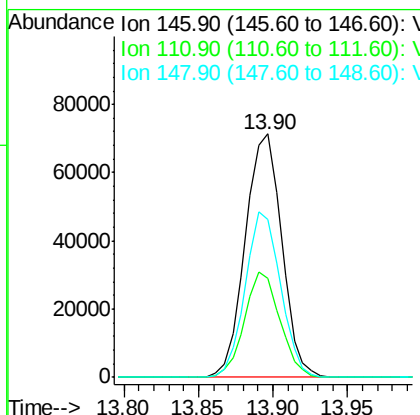
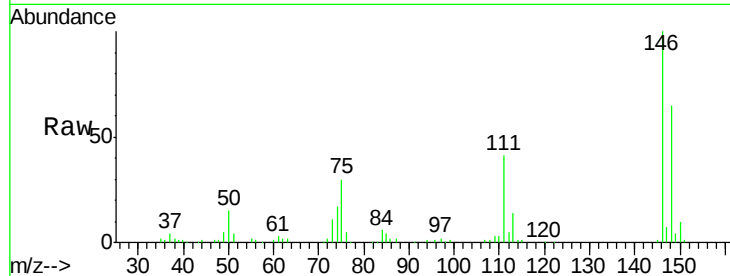
#91
 1,2-Dichlorobenzene
 Concen: 21.563 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	65.9	31.5	94.5

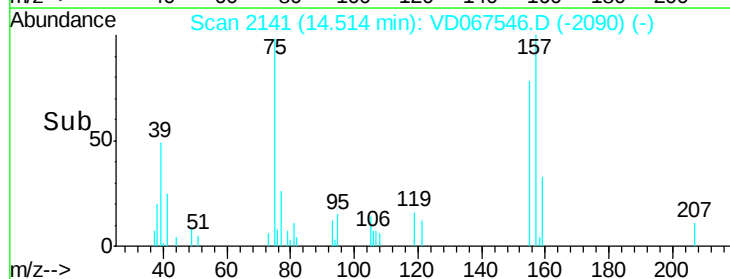
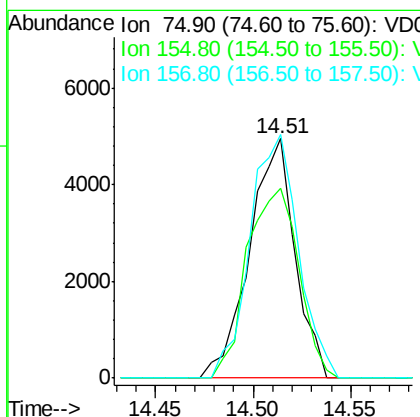
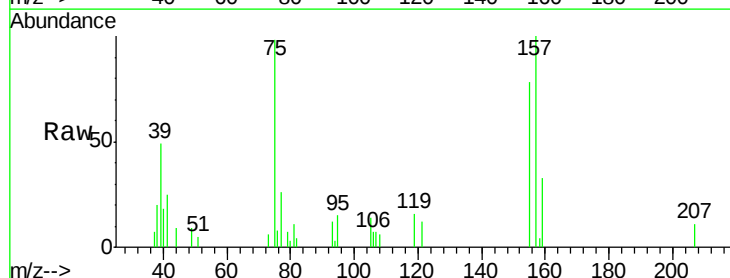
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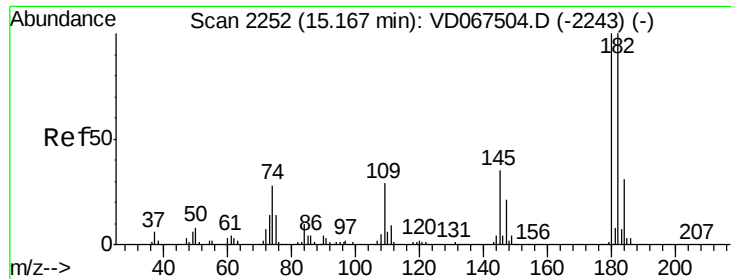
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.883 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067546.D
 Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	46.6	139.8
157	108.5	58.1	174.2





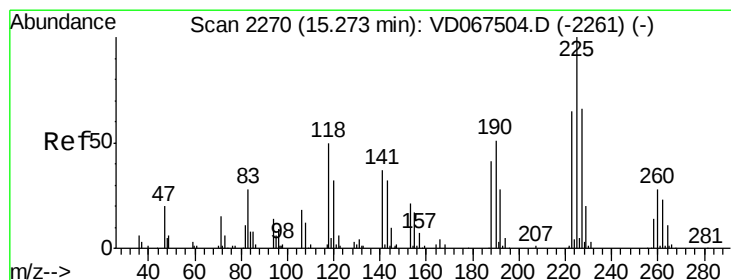
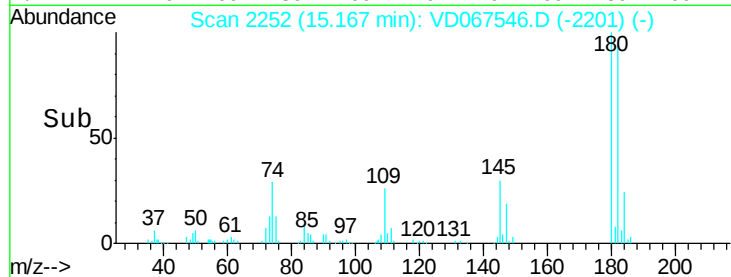
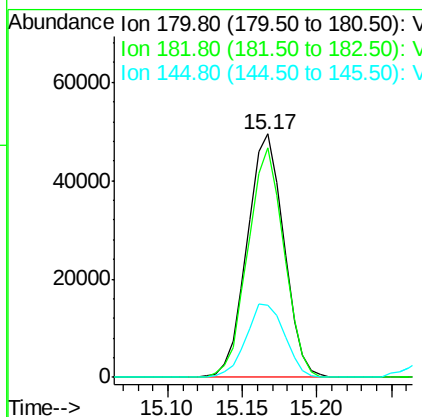
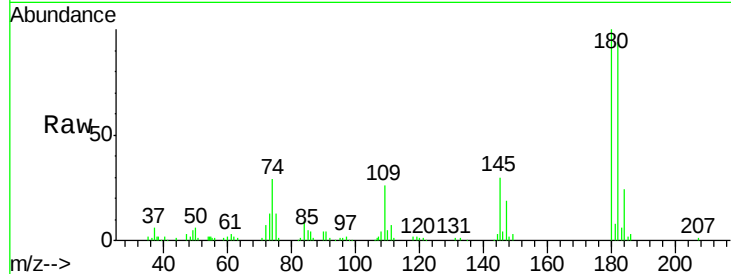
#93
1,2,4-Trichlorobenzene
Concen: 22.172 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.3
145	31.6	16.2	48.6

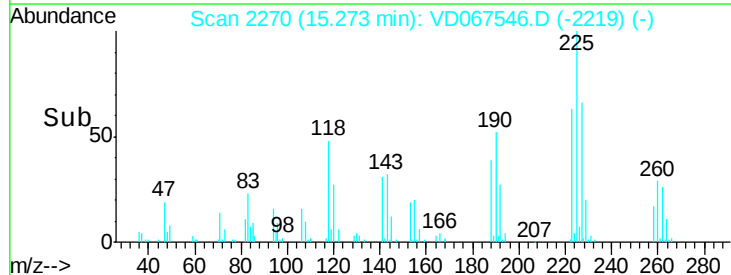
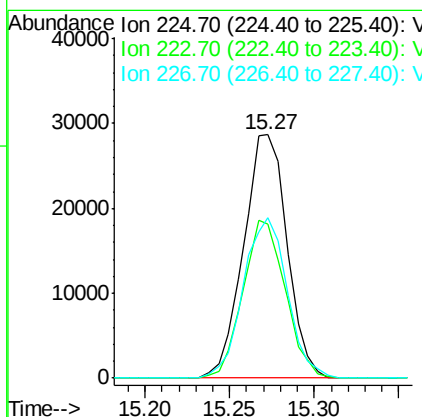
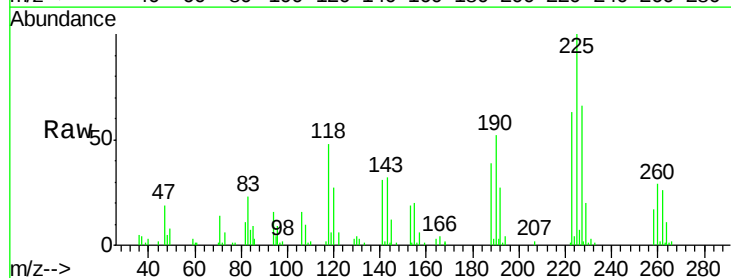
Manual Integrations
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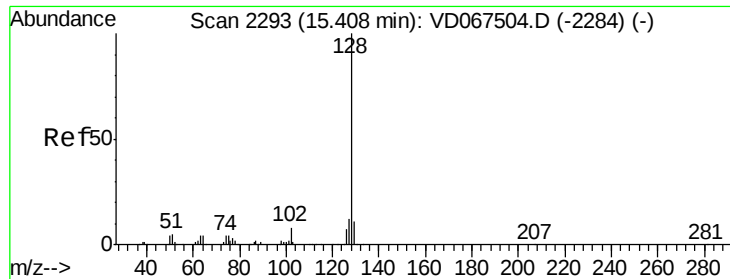
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11/9/2020 10:13:21 AM



#94
Hexachlorobutadiene
Concen: 20.218 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	66.4	32.5	97.4





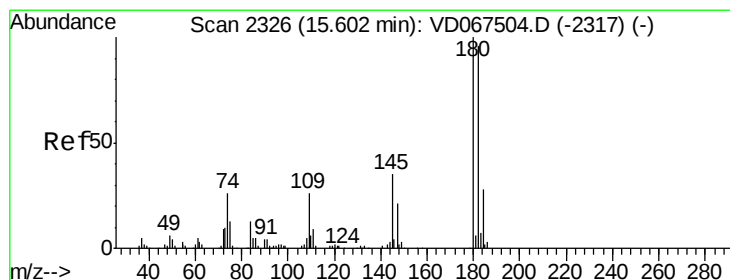
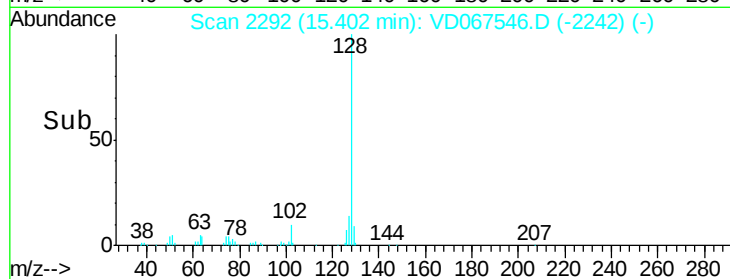
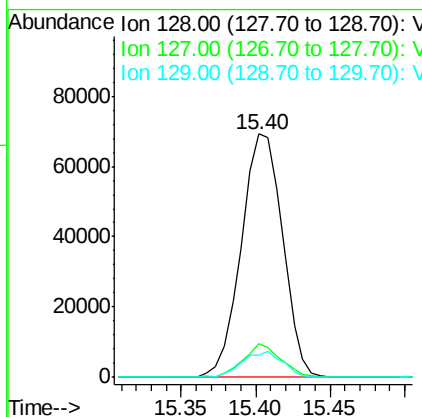
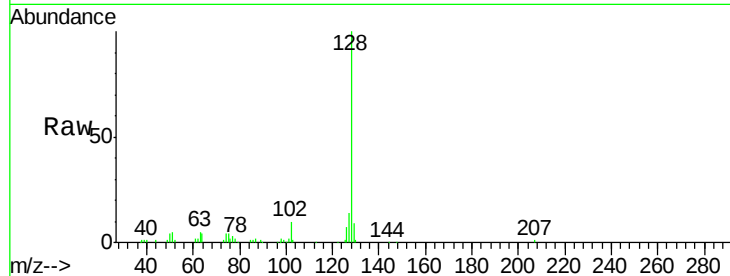
#95
Naphthalene
Concen: 22.681 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133057		
127	12.6		10.2	15.4
129	10.6		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.020 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067546.D
Acq: 06 Nov 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71682		
182	94.2		46.9	140.8
145	34.9		17.1	51.2

