

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
 Data File : VD067253.D
 Acq On : 13 Oct 2020 15:42
 Operator : VA/SY
 Sample : L4214-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:10:24 PM

Quant Time: Oct 14 03:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 13:05:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	338651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	507531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	180661	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
35) Dibromofluoromethane	7.92	113	184045	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.34	98	655475	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.64	95	223671	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	10408	3.388	ug/l	98
3) Chloromethane	2.21	50	7885	3.700	ug/l	99
4) Vinyl Chloride	2.35	62	8075	3.453	ug/l	95
5) Bromomethane	2.77	94	6959	3.849	ug/l	90
6) Chloroethane	2.92	64	5371	3.688	ug/l	96
7) Trichlorofluoromethane	3.27	101	19406	3.296	ug/l	94
8) Diethyl Ether	3.71	74	4575	3.395	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	10896	3.483	ug/l #	87
10) Methyl Iodide	4.30	142	8533	2.957	ug/l	96
11) Tert butyl alcohol	5.18	59	9257	37.569	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	9935	3.555	ug/l	90
13) Acrolein	3.92	56	2730m	15.550	ug/l	
14) Allyl chloride	4.72	41	9954	3.110	ug/l #	88
15) Acrylonitrile	5.43	53	7044	15.667	ug/l	93
16) Acetone	4.16	43	8084	17.013	ug/l #	86
17) Carbon Disulfide	4.41	76	27082	3.399	ug/l #	95
18) Methyl Acetate	4.72	43	5177	4.777	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	17748	3.194	ug/l	94
20) Methylene Chloride	4.96	84	21049	5.875	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	10804	3.359	ug/l #	80
22) Diisopropyl ether	6.36	45	17630	3.015	ug/l	93
23) Vinyl Acetate	6.30	43	32651	9.816	ug/l	98
24) 1,1-Dichloroethane	6.27	63	16140	3.225	ug/l	97
25) 2-Butanone	7.21	43	10573	19.521	ug/l	91
26) 2,2-Dichloropropane	7.21	77	17280	3.350	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	11906	3.378	ug/l	97
28) Bromochloromethane	7.55	49	5299	3.104	ug/l #	86
29) Tetrahydrofuran	7.57	42	4928	16.368	ug/l	93
30) Chloroform	7.71	83	20170	3.373	ug/l	96
31) Cyclohexane	7.98	56	17994	4.605	ug/l #	61
32) 1,1,1-Trichloroethane	7.91	97	19444	3.314	ug/l	96
36) 1,1-Dichloropropene	8.12	75	14033	3.038	ug/l	98
37) Ethyl Acetate	7.30	43	4531	3.334	ug/l	97
38) Carbon Tetrachloride	8.10	117	18562	3.144	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	16529	3.423	ug/l	93
40) Benzene	8.36	78	40179	3.170	ug/l	96
41) Methacrylonitrile	7.52	41	1848	2.516	ug/l #	47
42) 1,2-Dichloroethane	8.43	62	12530	3.159	ug/l	97
43) Isopropyl Acetate	8.45	43	8230	3.052	ug/l	94
44) Trichloroethene	9.11	130	13279	3.273	ug/l	82
45) 1,2-Dichloropropane	9.39	63	9152	3.116	ug/l	100
46) Dibromomethane	9.48	93	5147	2.813	ug/l	97
47) Bromodichloromethane	9.67	83	14555	2.969	ug/l #	93
48) Methyl methacrylate	9.46	41	4087	3.118	ug/l	92
49) 1,4-Dioxane	9.48	88	1314m	68.219	ug/l	
51) 4-Methyl-2-Pentanone	10.23	43	18829	13.998	ug/l	100
52) Toluene	10.41	92	26437	3.063	ug/l	93
53) t-1,3-Dichloropropene	10.63	75	12424	2.885	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	15208	3.017	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	7842	3.143	ug/l #	89
56) Ethyl methacrylate	10.67	69	7147	2.762	ug/l	93
57) 1,3-Dichloropropane	10.95	76	11970	3.014	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	16307	12.282	ug/l	98
59) 2-Hexanone	10.99	43	12913	14.048	ug/l	99
60) Dibromochloromethane	11.15	129	11761	3.232	ug/l	91
61) 1,2-Dibromoethane	11.25	107	7400	3.008	ug/l	87
64) Tetrachloroethene	10.88	164	13170	3.582	ug/l	92
65) Chlorobenzene	11.67	112	29070	2.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	12053	3.116	ug/l	99
67) Ethyl Benzene	11.75	91	49200	2.949	ug/l	97
68) m/p-Xylenes	11.86	106	36753	5.721	ug/l	99
69) o-Xylene	12.19	106	15767	2.650	ug/l	93
70) Styrene	12.20	104	27539	2.689	ug/l	97
71) Bromoform	12.37	173	6094	2.933	ug/l #	88
73) Isopropylbenzene	12.49	105	43615	2.747	ug/l	94
74) N-amyl acetate	12.29	43	7229	3.014	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	8397	3.451	ug/l	90
76) 1,2,3-Trichloropropane	12.79	75	6218m	3.586	ug/l	
77) Bromobenzene	12.77	156	13050	3.296	ug/l	98
78) n-propylbenzene	12.83	91	57043	3.100	ug/l	100
79) 2-Chlorotoluene	12.91	91	34060	3.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	39614	2.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	2229m	2.915	ug/l	
82) 4-Chlorotoluene	13.01	91	34830	3.076	ug/l	99
83) tert-Butylbenzene	13.23	119	33097	2.839	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	39315	2.883	ug/l	99
85) sec-Butylbenzene	13.41	105	45766	2.861	ug/l	98
86) p-Isopropyltoluene	13.52	119	41715	2.763	ug/l	97
87) 1,3-Dichlorobenzene	13.53	146	25272	3.317	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	24685	3.270	ug/l	87
89) n-Butylbenzene	13.85	91	40096	3.019	ug/l	97
90) Hexachloroethane	14.12	117	8190	3.109	ug/l	87
91) 1,2-Dichlorobenzene	13.90	146	21400	3.215	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1413	3.197	ug/l	88

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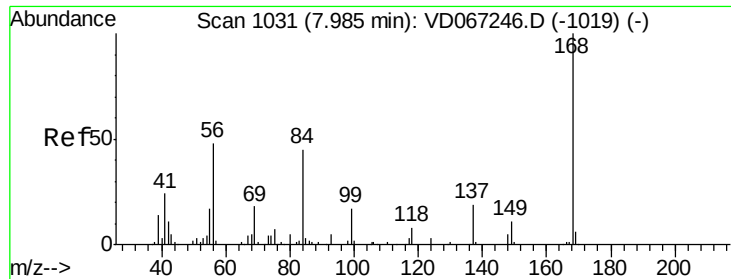
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	13756	3.065	ug/l	97
94) Hexachlorobutadiene	15.28	225	9410	3.376	ug/l	96
95) Naphthalene	15.41	128	20727	2.813	ug/l	95
96) 1,2,3-Trichlorobenzene	15.61	180	12289	3.169	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion:168 Resp: 338651

Ion Ratio Lower Upper

168 100

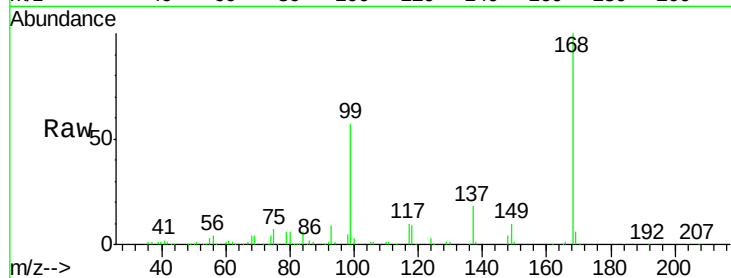
99 56.8 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

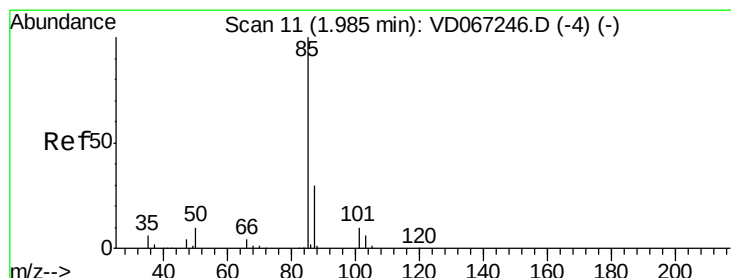
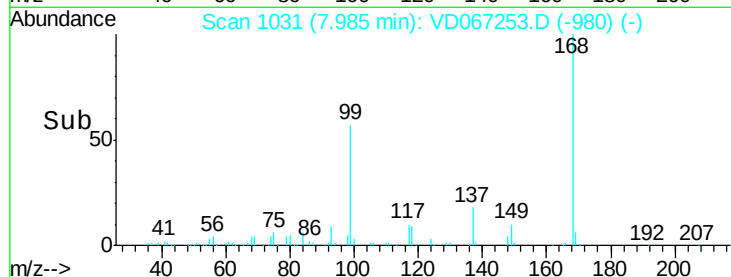
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.388 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067253.D

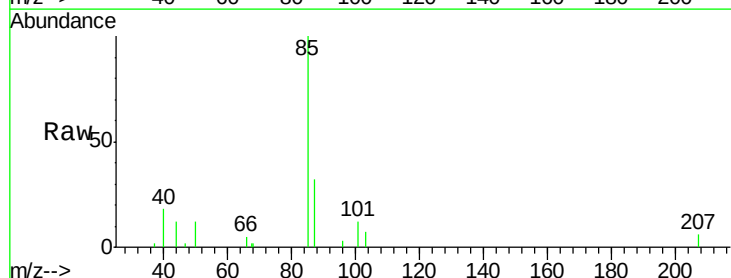
Acq: 13 Oct 2020 15:42

Tgt Ion: 85 Resp: 10408

Ion Ratio Lower Upper

85 100

87 31.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

8000

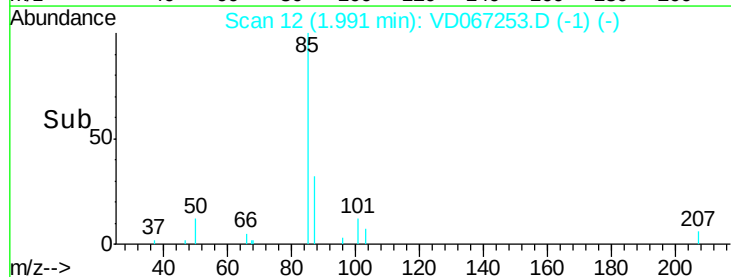
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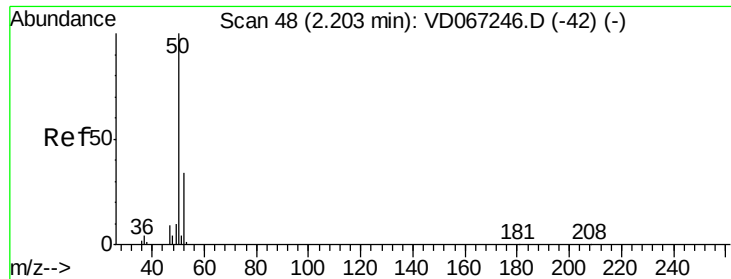
4000

2000

0

Time-->





#3

Chloromethane

Concen: 3.700 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 50 Resp: 7885

Ion Ratio Lower Upper

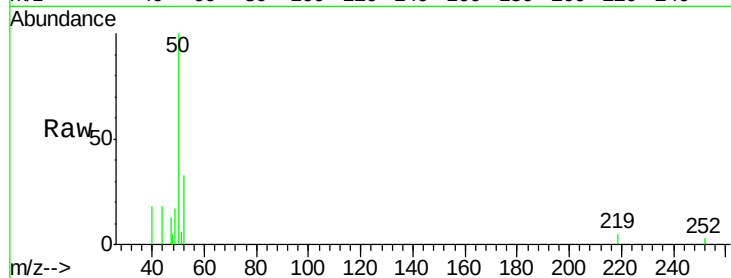
50 100

52 33.4 27.1 40.7

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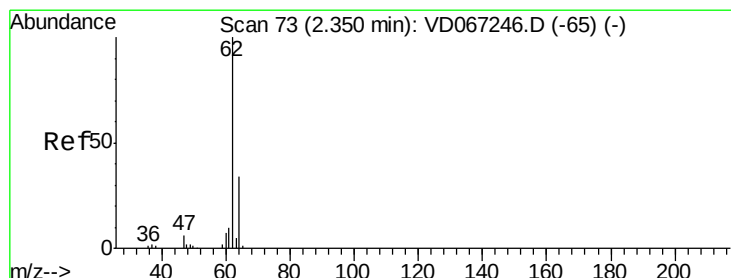
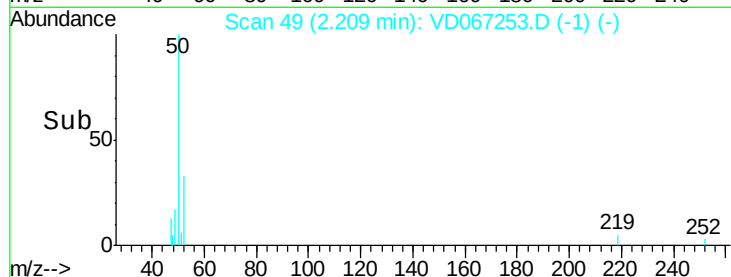
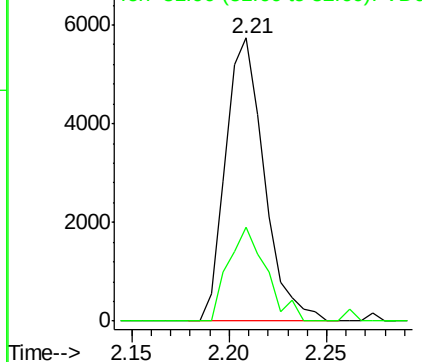
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 3.453 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067253.D

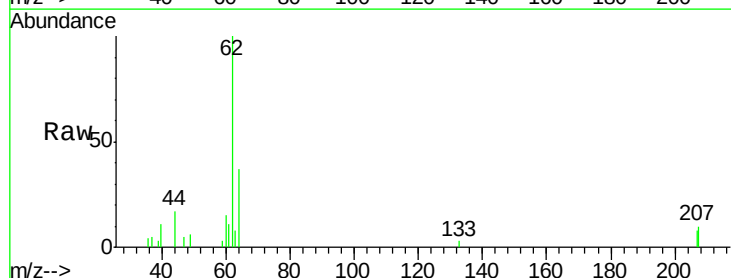
Acq: 13 Oct 2020 15:42

Tgt Ion: 62 Resp: 8075

Ion Ratio Lower Upper

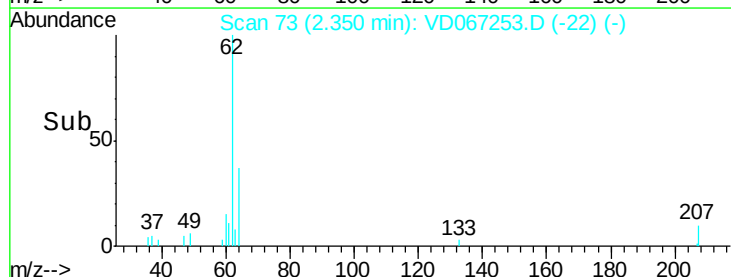
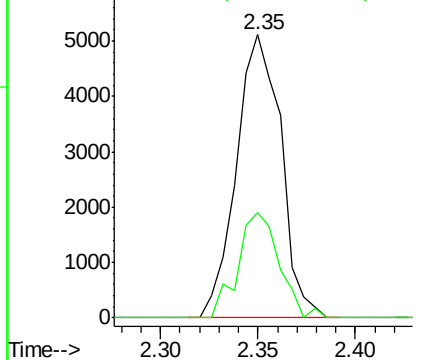
62 100

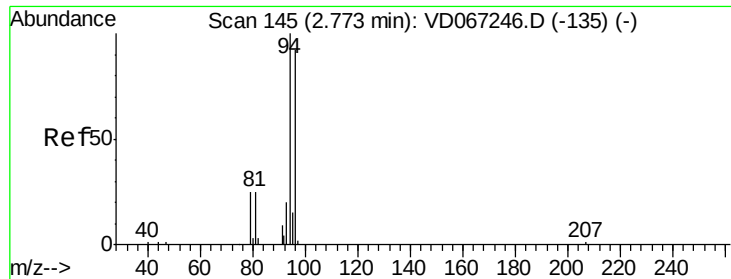
64 37.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 3.849 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

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MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 94 Resp: 6959

Ion Ratio Lower Upper

94 100

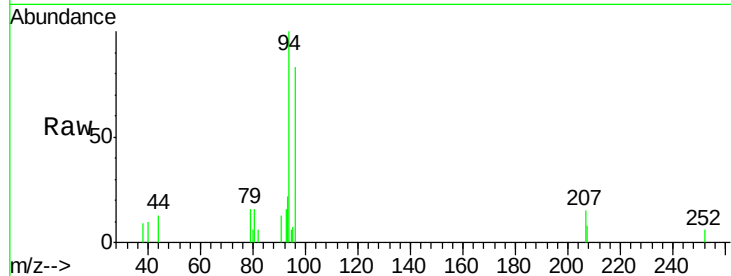
96 83.1 73.8 110.6

Manual Integrations

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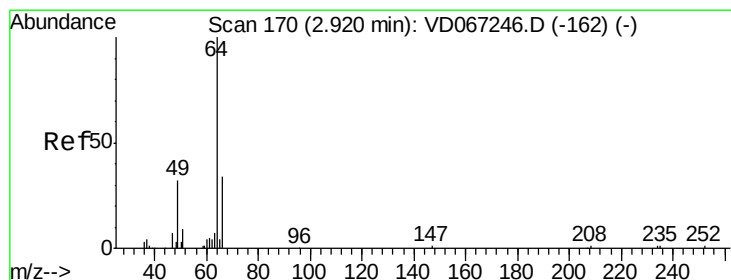
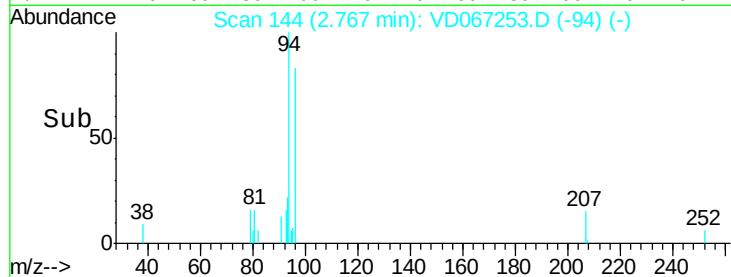
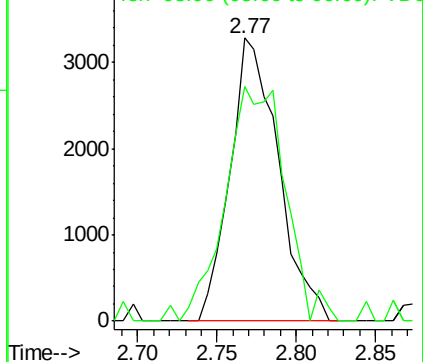
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 3.688 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067253.D

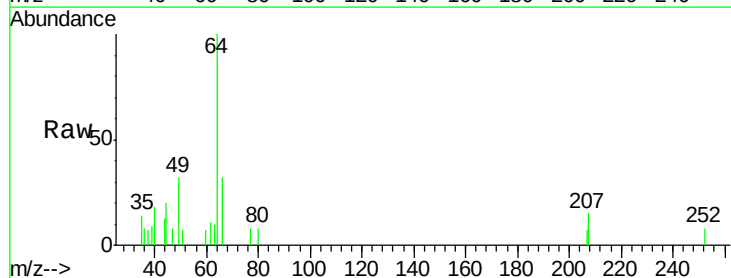
Acq: 13 Oct 2020 15:42

Tgt Ion: 64 Resp: 5371

Ion Ratio Lower Upper

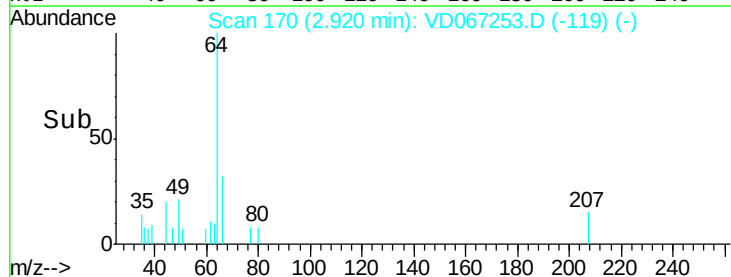
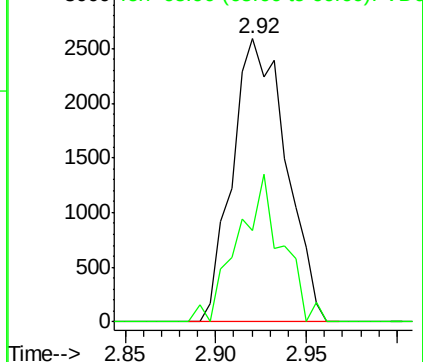
64 100

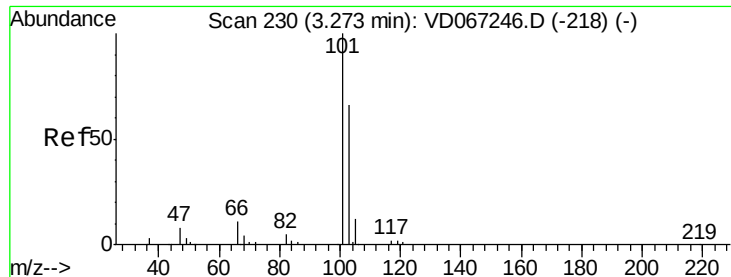
66 32.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

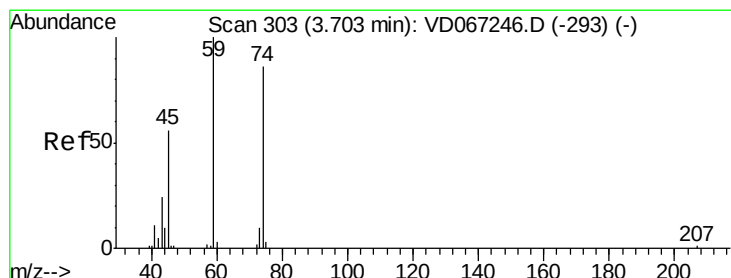
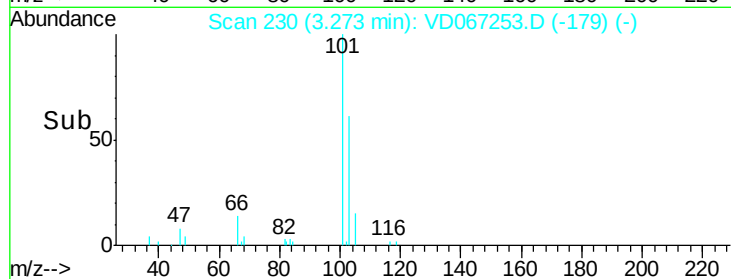
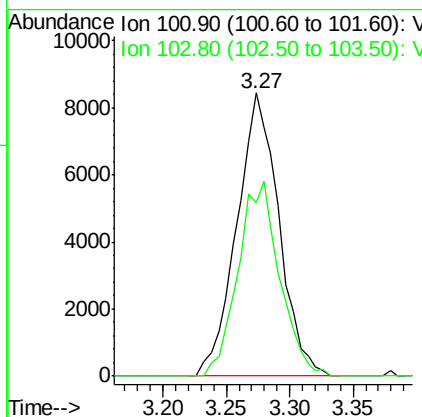
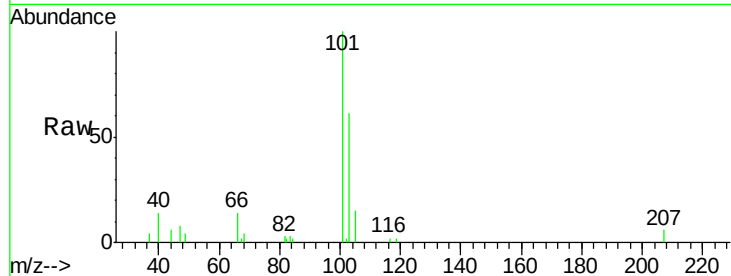
Trichlorofluoromethane
Concen: 3.296 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

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MSVOA_D
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VD1014

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	53.1	79.7

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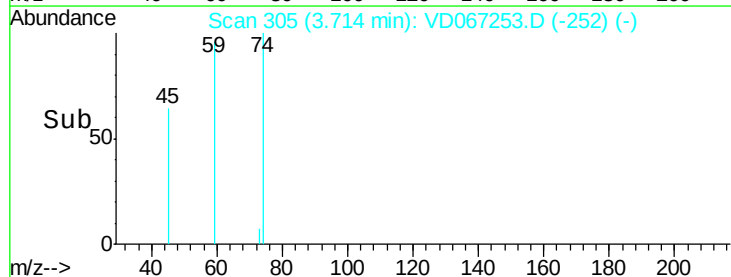
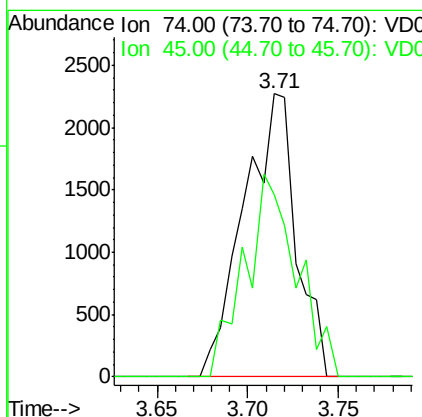
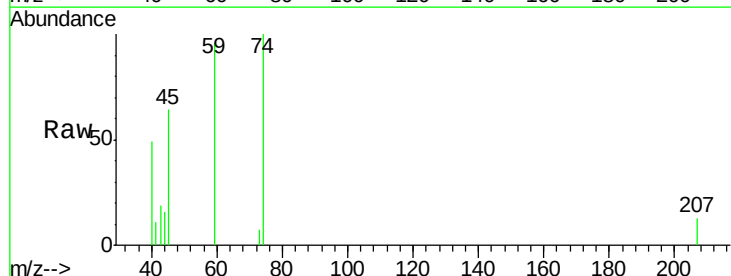
MMDadoda
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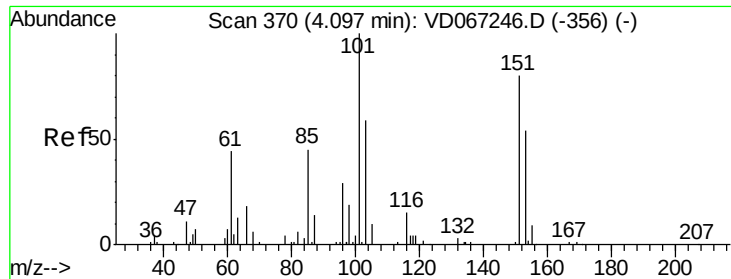


#8

Diethyl Ether
Concen: 3.395 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.1	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.483 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampled :

VD1014

Tot Ion:101 Resp: 10896

Ion Ratio Lower Upper

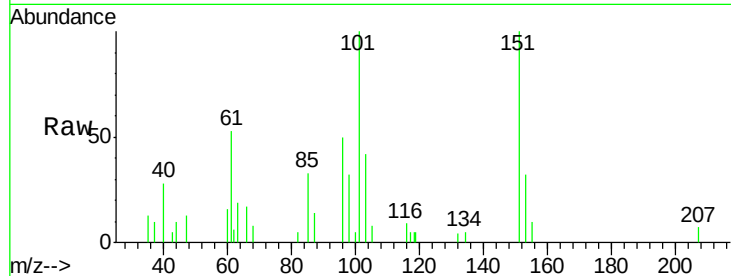
101 100

85 22.5 34.2 51.4#

151 85.2 66.3 99.5

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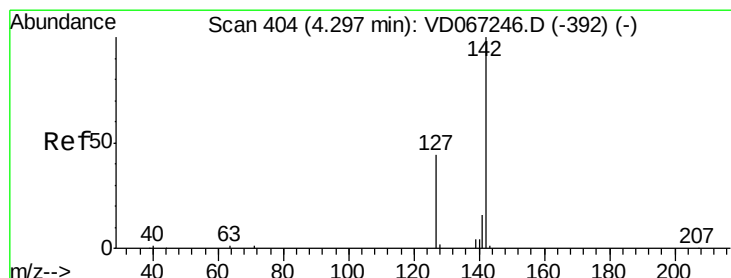
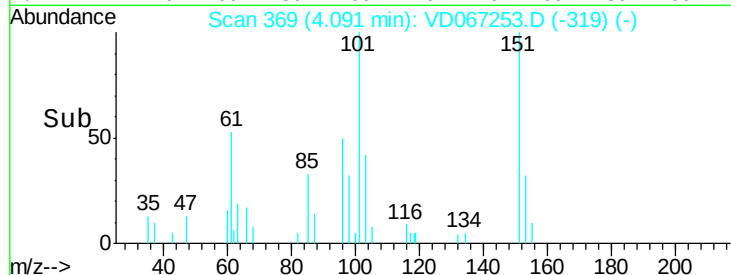
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

4.09

Time-->



#10

Methyl Iodide

Concen: 2.957 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

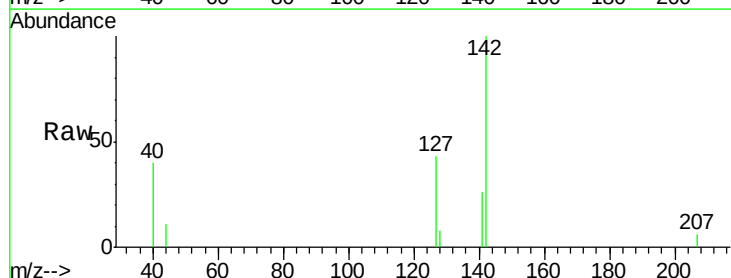
Tgt Ion:142 Resp: 8533

Ion Ratio Lower Upper

142 100

127 45.7 38.4 57.6

141 16.5 11.6 17.4



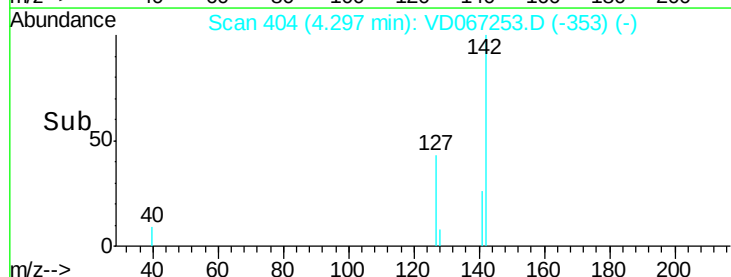
Abundance Ion 141.80 (141.50 to 142.50): V

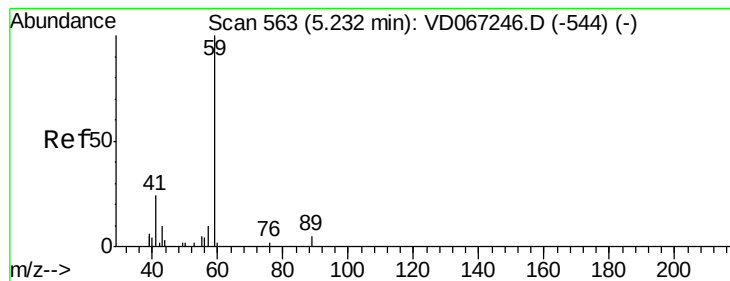
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

Time-->





#11

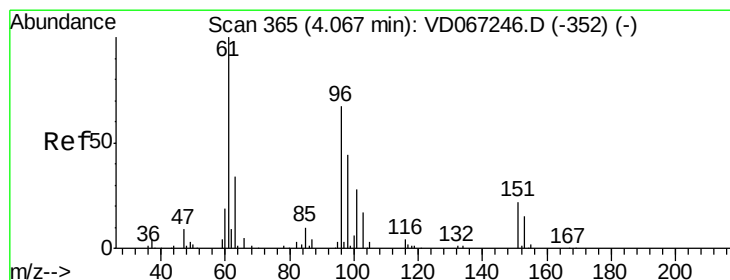
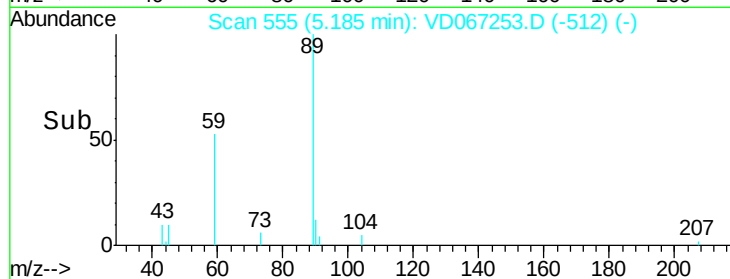
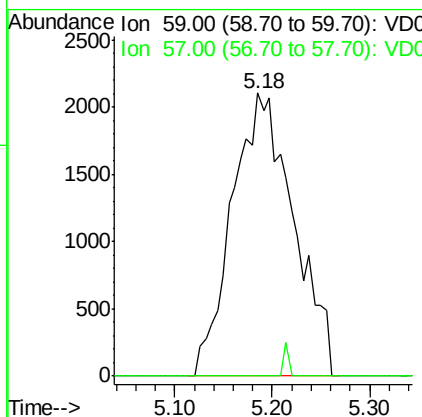
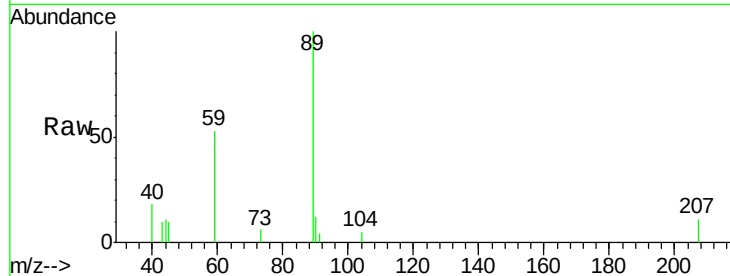
Tert butyl alcohol
Concen: 37.569 ug/l
RT: 5.18 min Scan# 555
Delta R.T. -0.05 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	59	Resp	9257
Ion Ratio	100	Lower	Upper
57	0.0	5.1	7.7#

Manual Integrations
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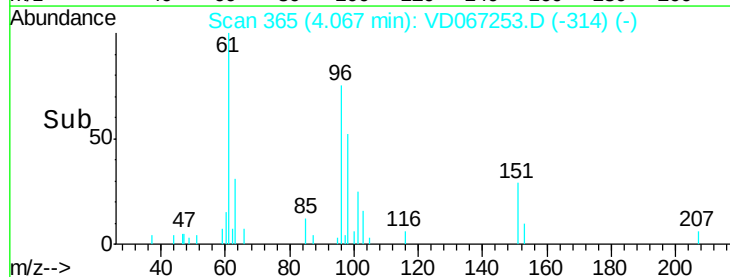
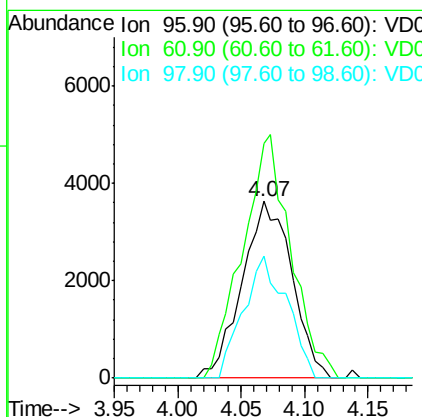
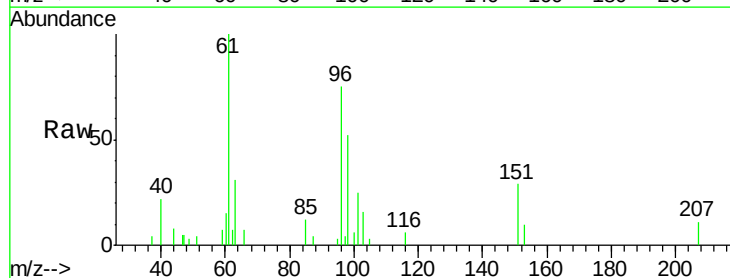
MMDadoda
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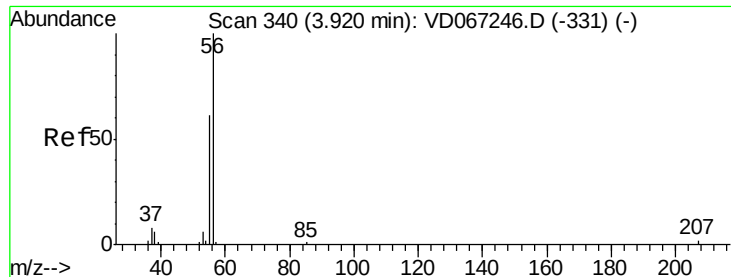


#12

1,1-Dichloroethene
Concen: 3.555 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	96	Resp	9935
Ion Ratio	100	Lower	Upper
61	132.9	118.6	177.8
98	69.2	51.8	77.6





#13

Acrolein

Concen: 15.550 ug/l m

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampled :

VD1014

Tot Ion: 56 Resp: 2730

Ion Ratio Lower Upper

56 100

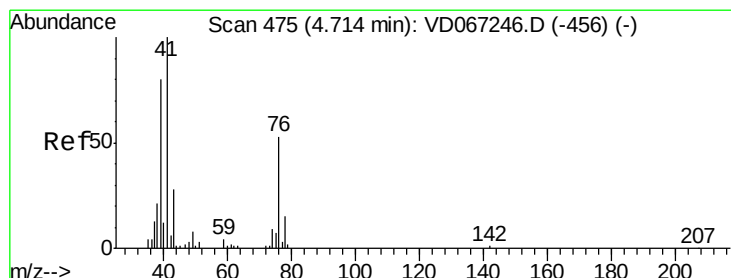
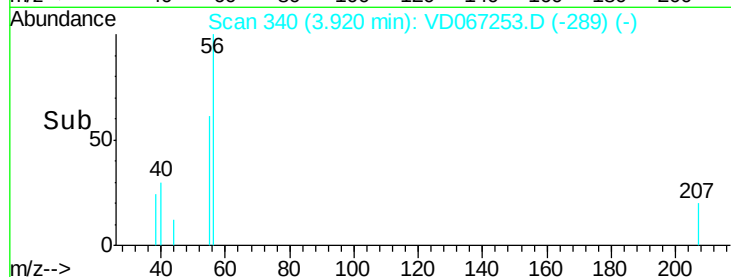
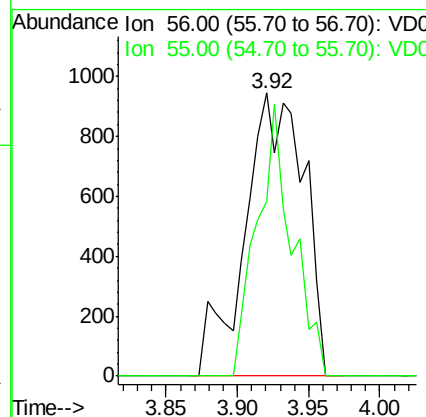
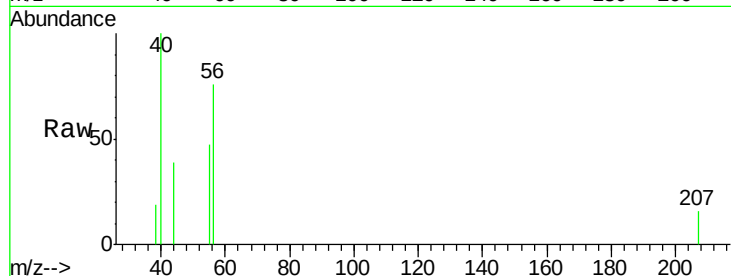
55 57.0 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 3.110 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

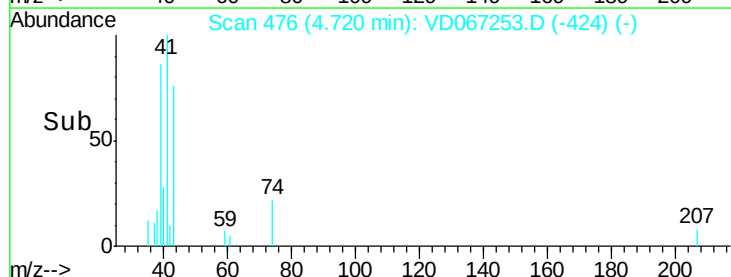
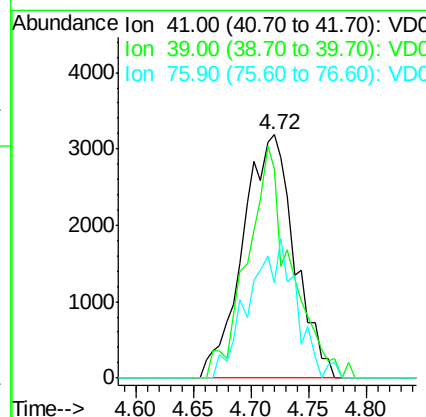
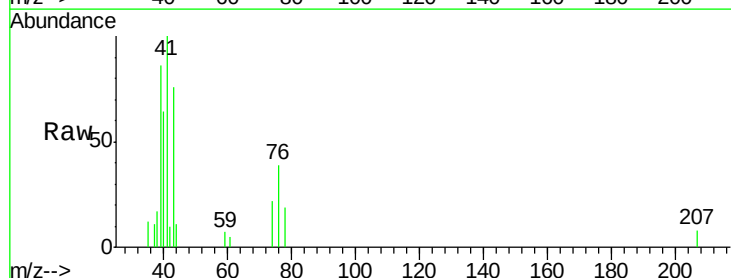
Tgt Ion: 41 Resp: 9954

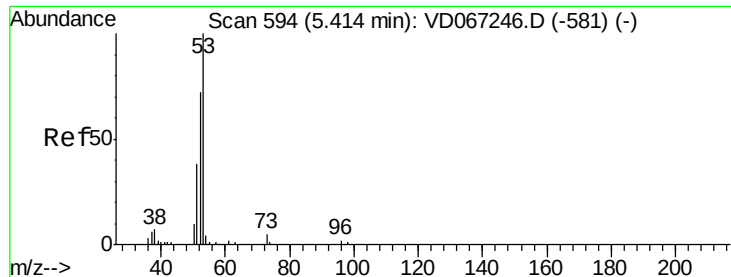
Ion Ratio Lower Upper

41 100

39 80.1 63.8 95.6

76 29.6 40.4 60.6#





#15

Acrylonitrile

Concen: 15.667 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.02 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

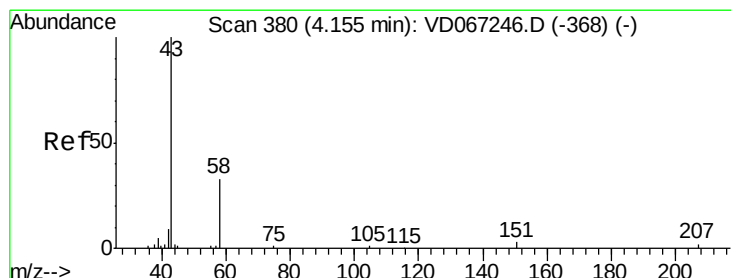
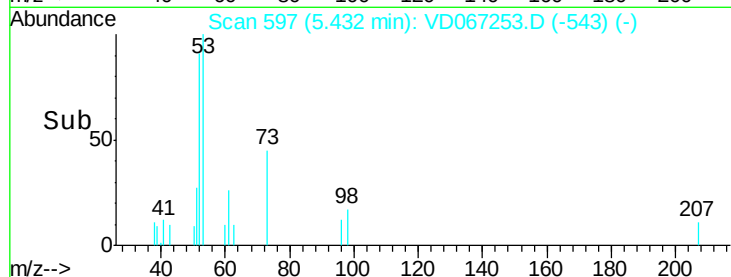
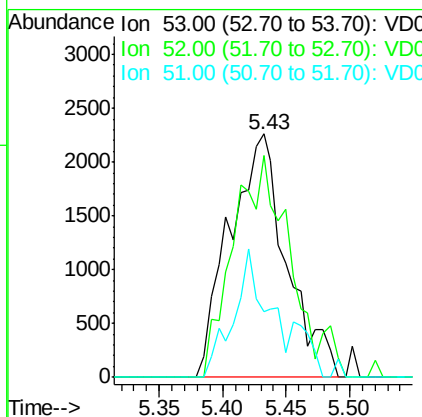
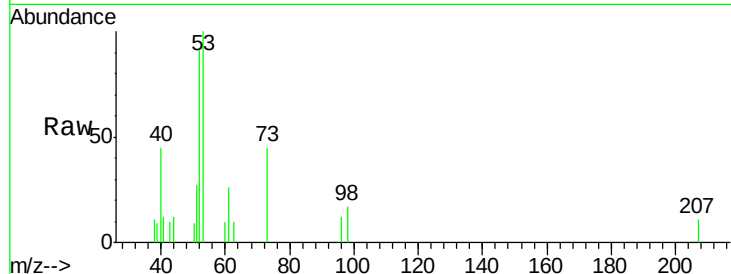
ClientSampleId :

VD1014

Tot Ion:	53	Resp:	7044
Ion	Ratio	Lower	Upper
53	100		
52	86.9	65.6	98.4
51	31.4	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 17.013 ug/l

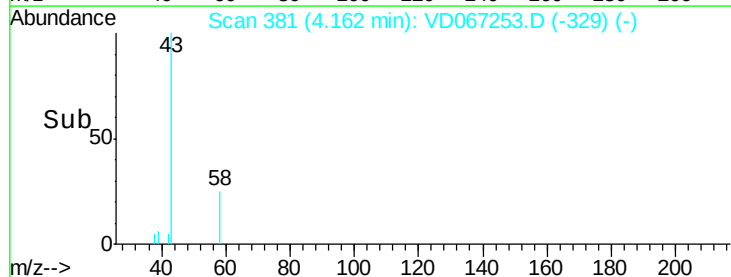
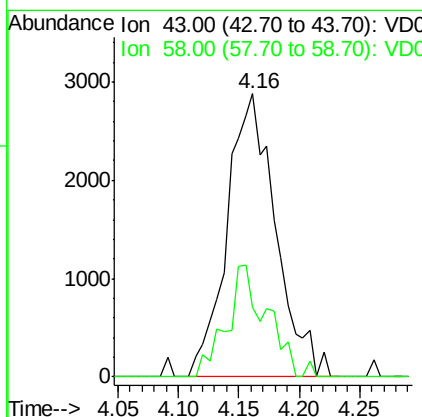
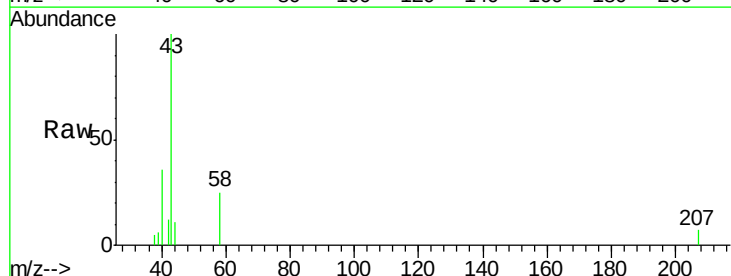
RT: 4.16 min Scan# 381

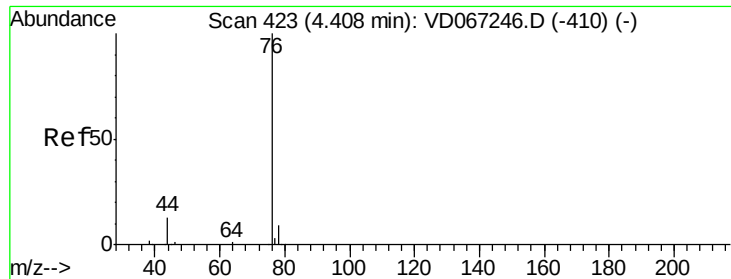
Delta R.T. 0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	43	Resp:	8084
Ion	Ratio	Lower	Upper
43	100		
58	24.7	26.1	39.1#





#17

Carbon Disulfide

Concen: 3.399 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 76 Resp: 27082

Ion Ratio Lower Upper

76 100

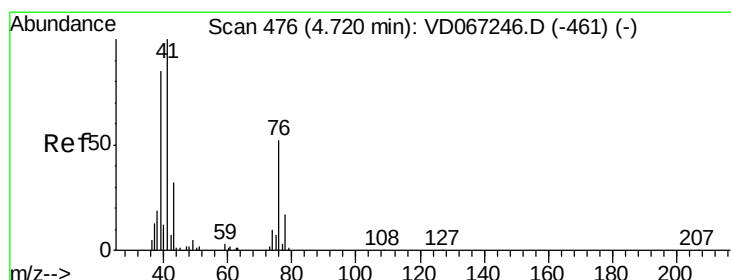
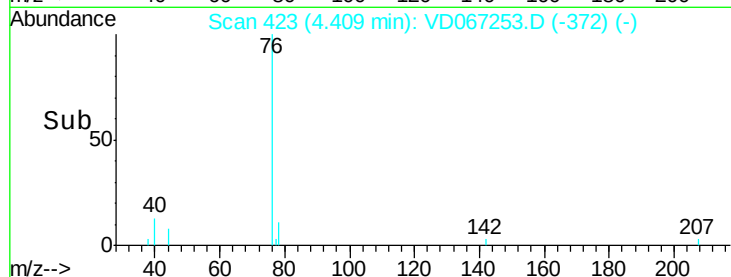
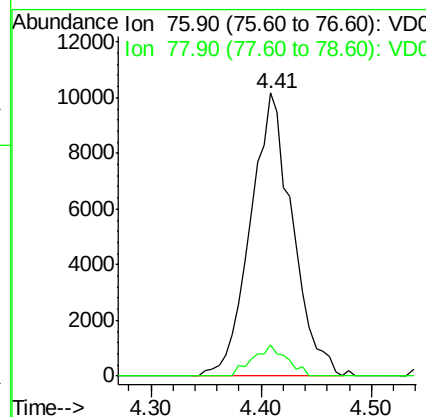
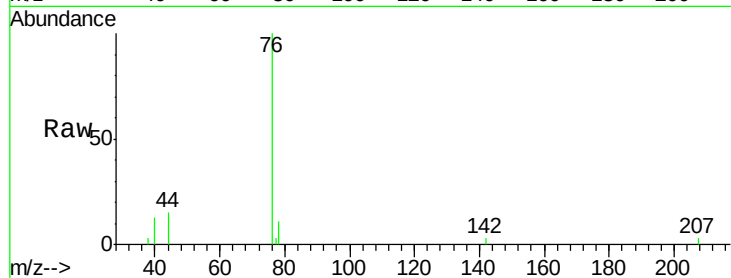
78 11.1 7.4 11.0#

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#18

Methyl Acetate

Concen: 4.777 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067253.D

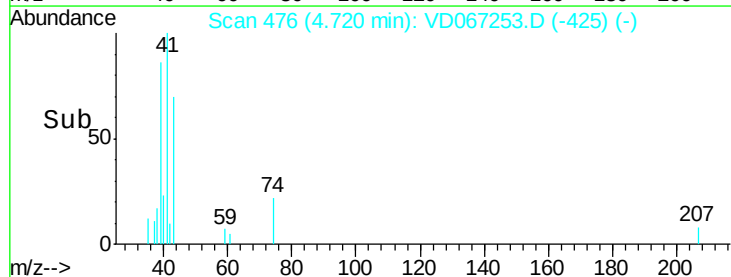
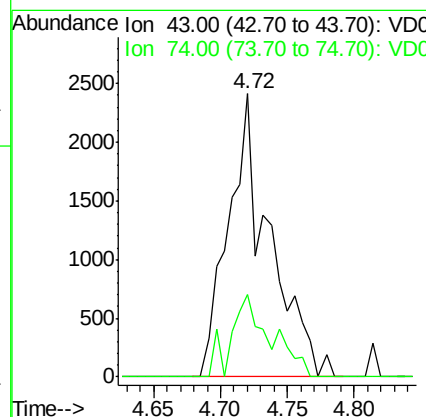
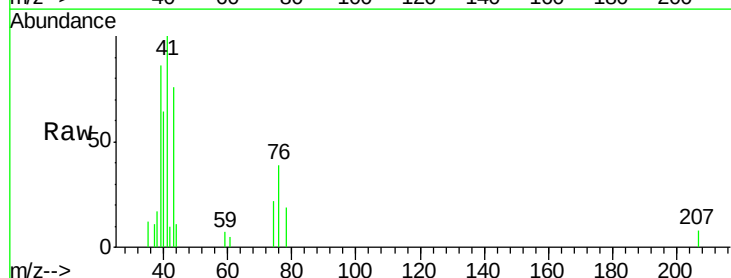
Acq: 13 Oct 2020 15:42

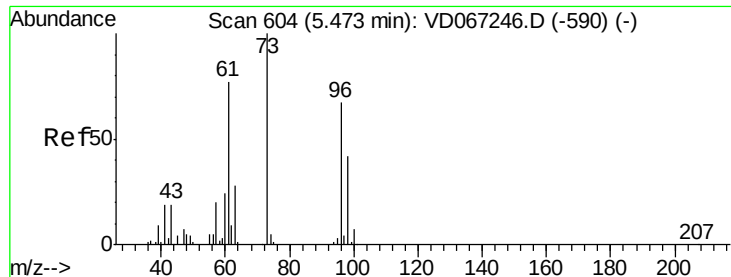
Tgt Ion: 43 Resp: 5177

Ion Ratio Lower Upper

43 100

74 28.0 26.6 39.8





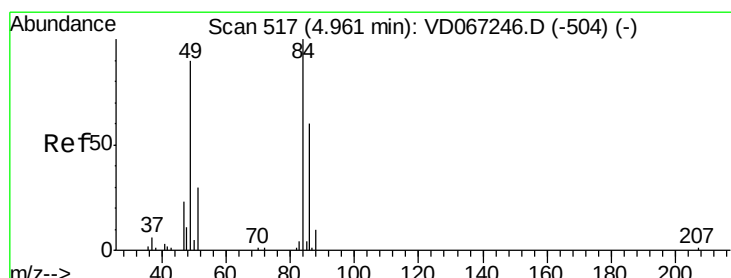
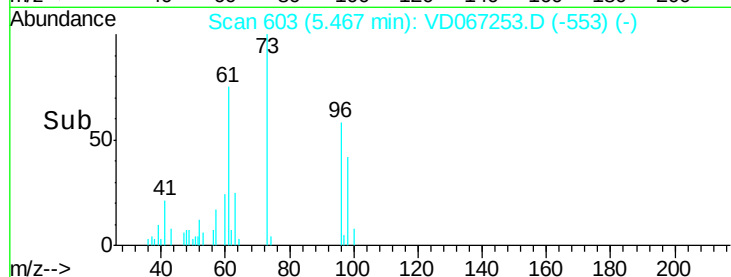
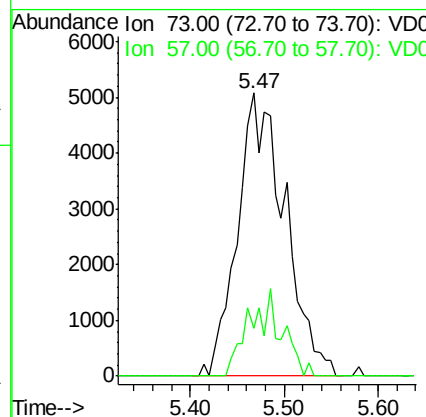
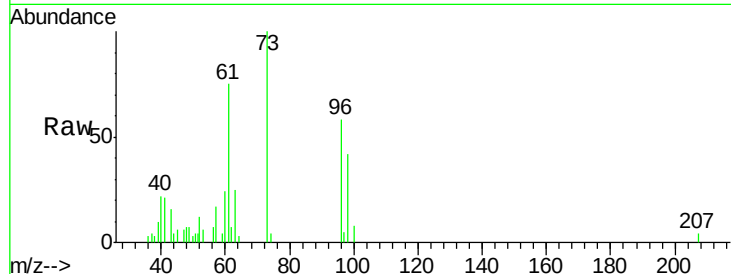
#19
Methyl tert-butyl Ether
Concen: 3.194 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
VD1014

Tot Ion: 73 Resp: 17748
Ion Ratio Lower Upper
73 100
57 16.9 15.7 23.5

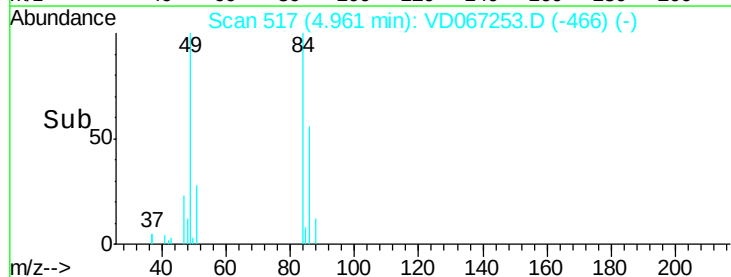
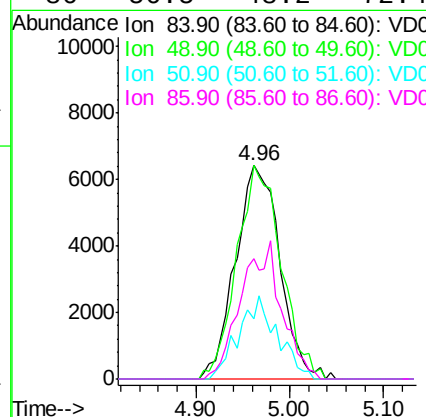
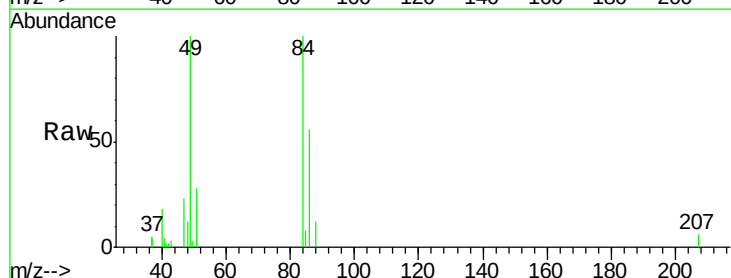
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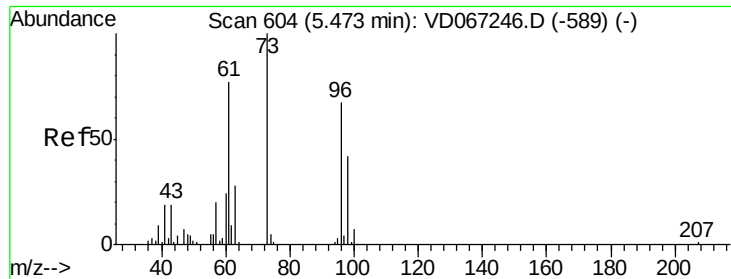
MMDadoda
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#20
Methylene Chloride
Concen: 5.875 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion: 84 Resp: 21049
Ion Ratio Lower Upper
84 100
49 100.1 72.2 108.2
51 28.2 23.8 35.8
86 56.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 3.359 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

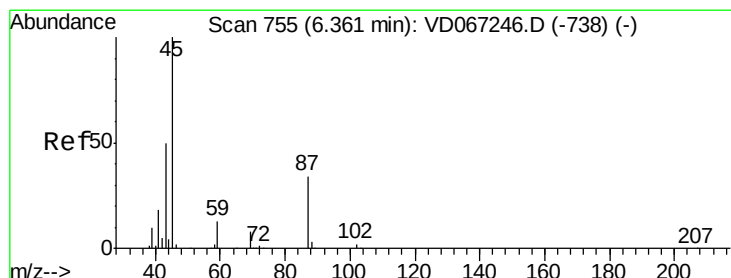
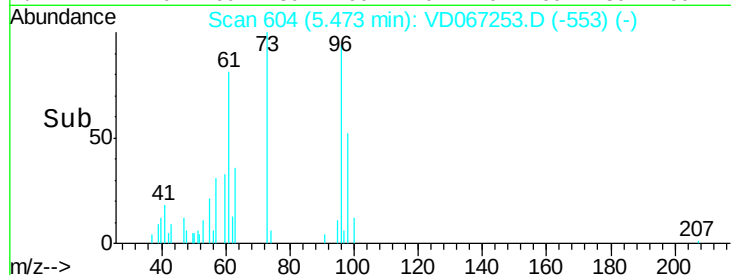
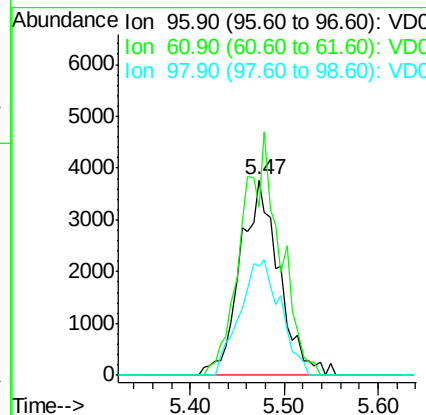
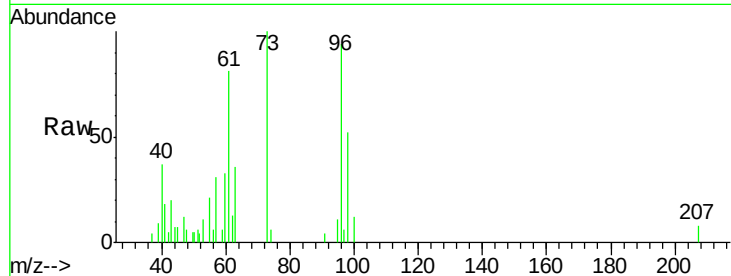
ClientSampleId :

VD1014

Tot Ion	Ratio	Lower	Upper
96	100		
61	86.0	92.0	138.0#
98	55.7	49.8	74.8

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#22

Diisopropyl ether

Concen: 3.015 ug/l

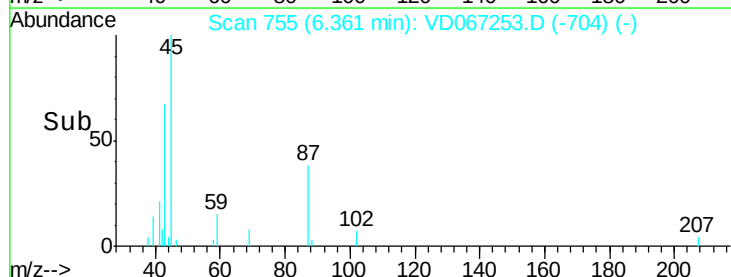
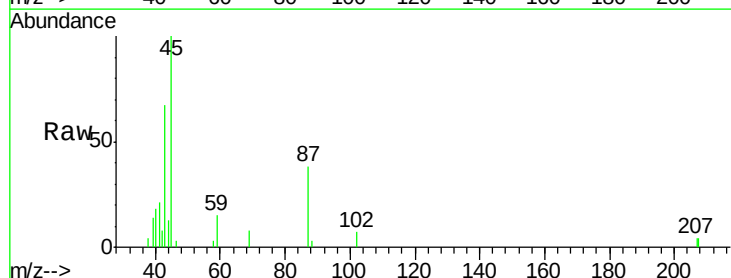
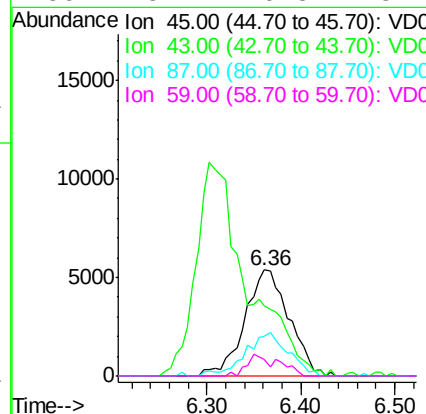
RT: 6.36 min Scan# 755

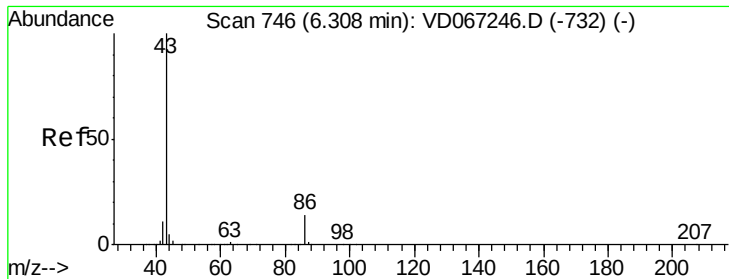
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.2	48.0	72.0
87	37.8	28.5	42.7
59	15.4	10.5	15.7





#23

Vinyl Acetate

Concen: 9.816 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 43 Resp: 32651

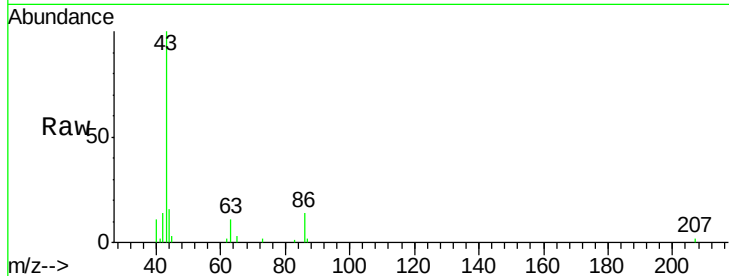
Ion Ratio Lower Upper

43 100

86 14.4 11.0 16.6

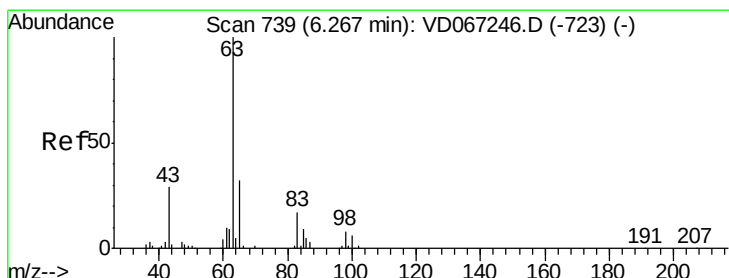
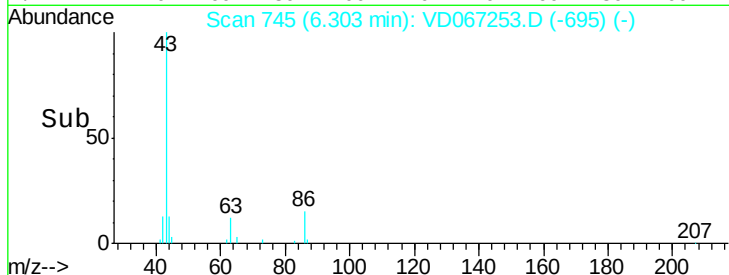
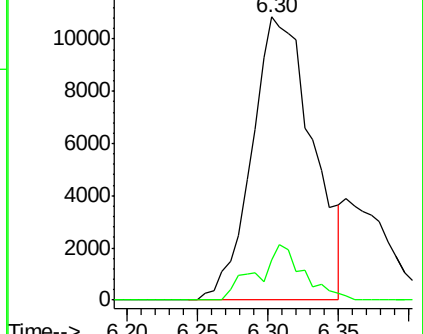
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 3.225 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

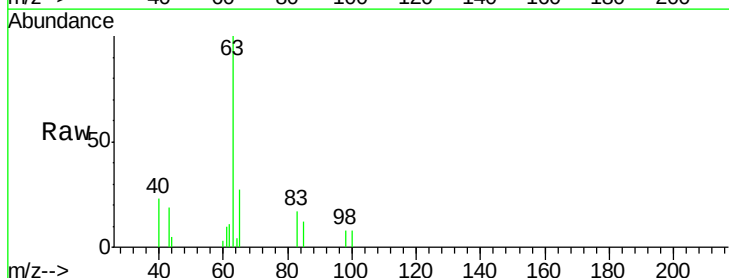
Tgt Ion: 63 Resp: 16140

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

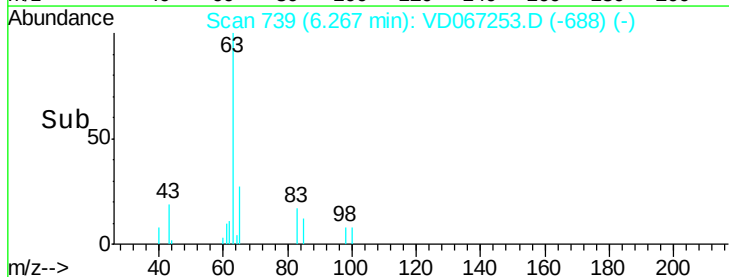
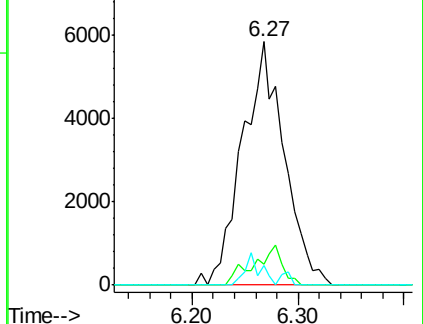
100 8.0 2.8 8.4

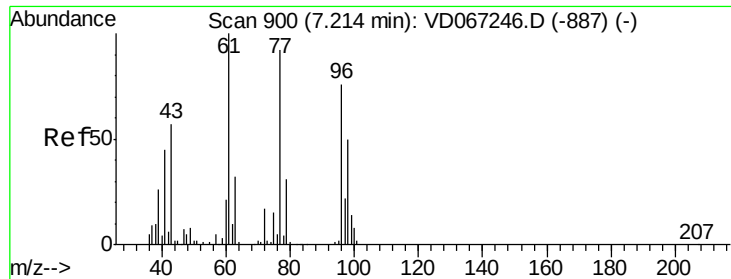


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





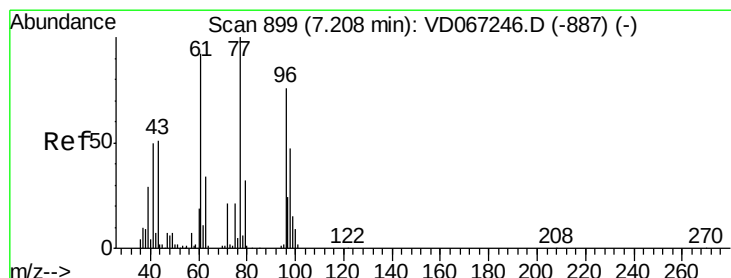
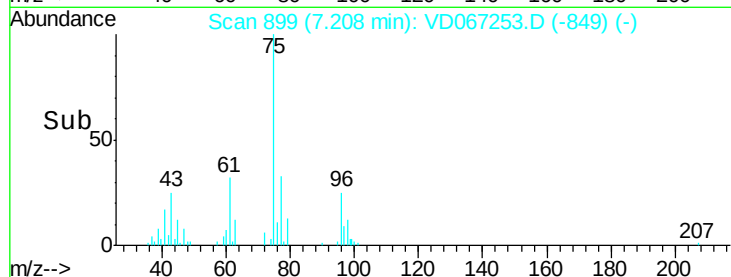
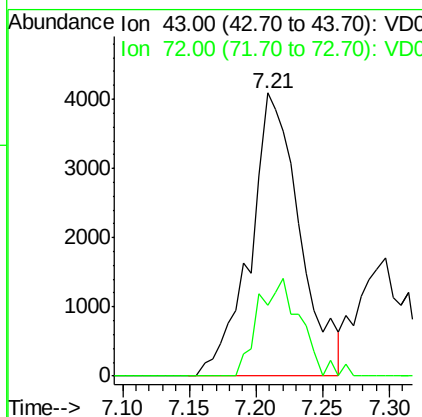
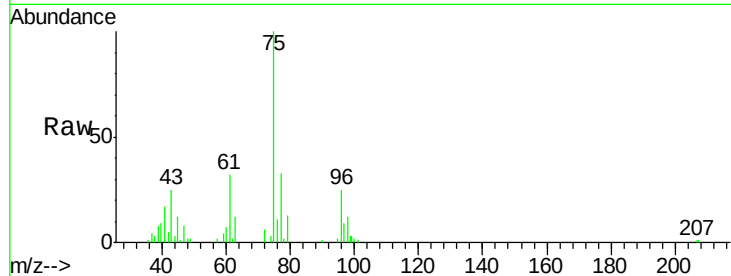
#25
2-Butanone
Concen: 19.521 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
VD1014

Tot Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5

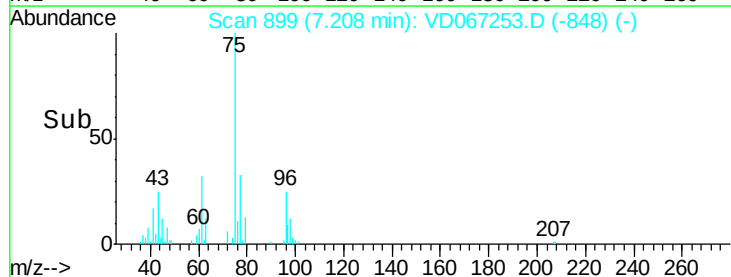
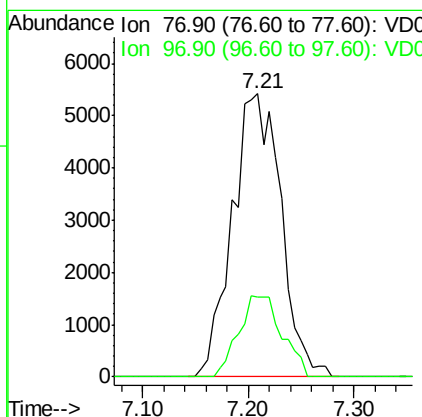
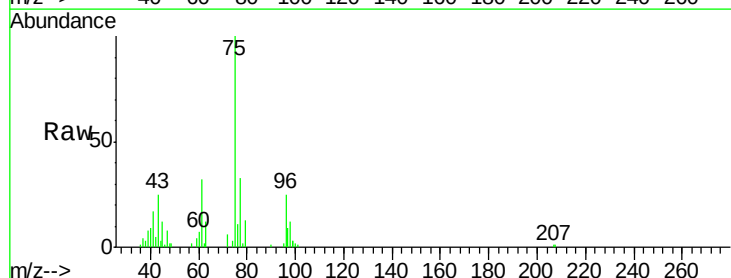
Manual Integrations
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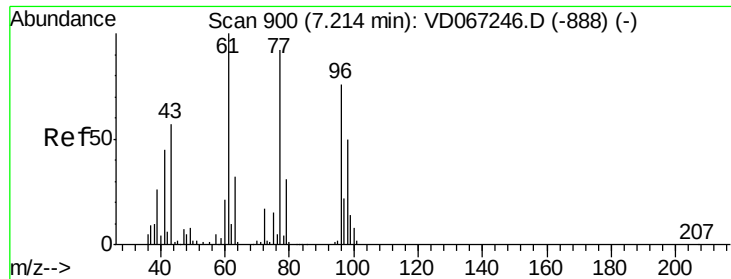
MMDadoda
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#26
2,2-Dichloropropane
Concen: 3.350 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion: 77 Resp: 17280
Ion Ratio Lower Upper
77 100
97 25.5 11.4 34.2





#27

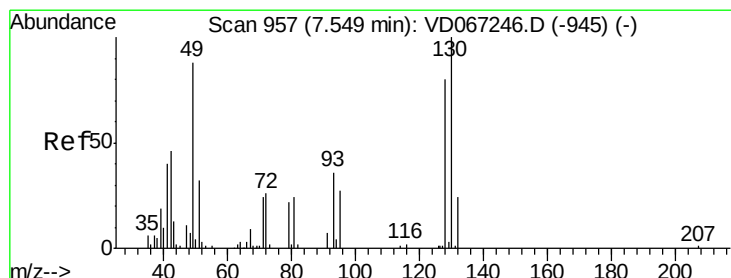
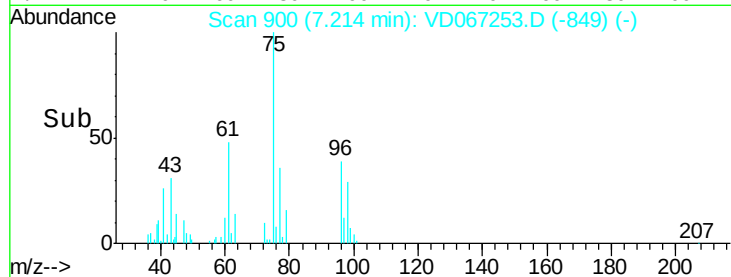
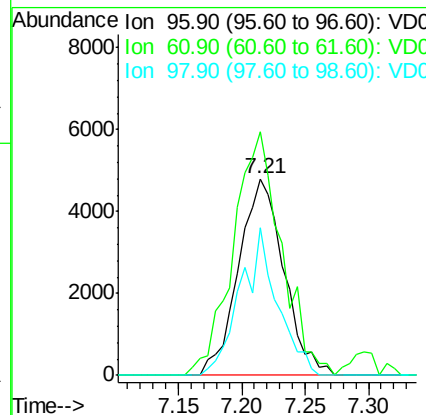
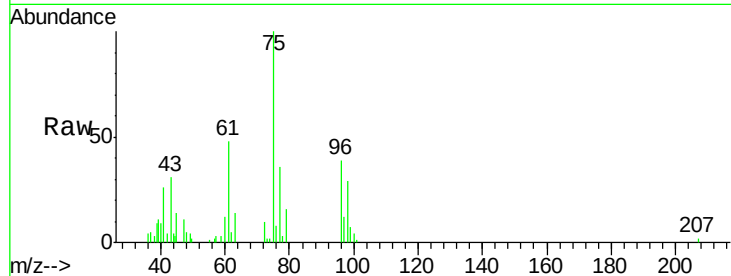
cis-1,2-Dichloroethene
Concen: 3.378 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.1	0.0	255.4	
98	61.4	0.0	128.0	

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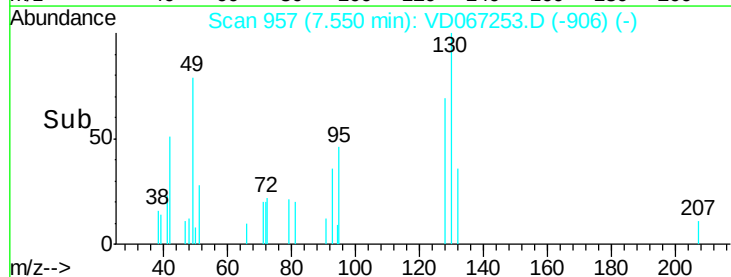
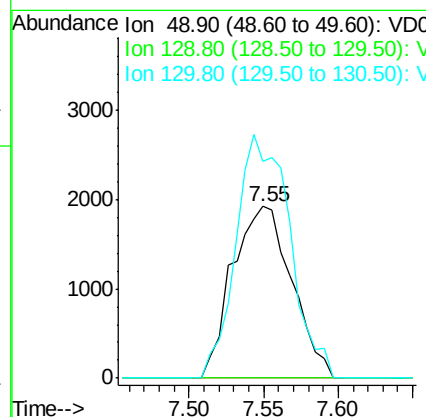
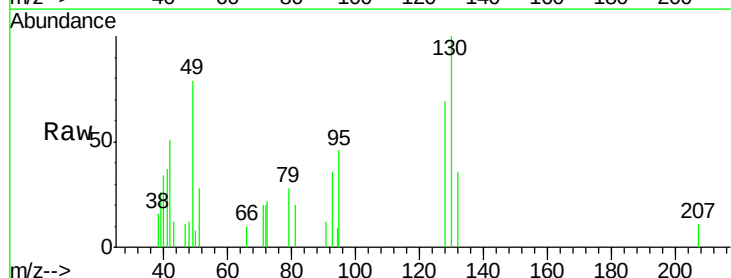
MMDadoda
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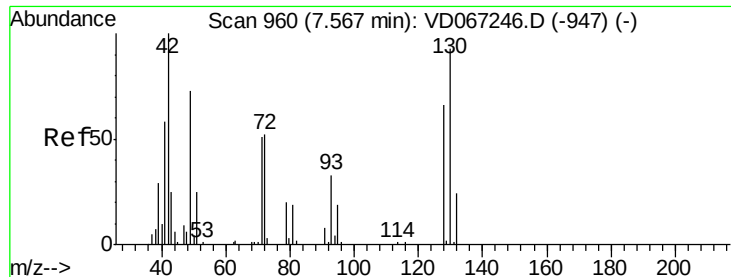


#28

Bromochloromethane
Concen: 3.104 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.0	0.0	1.6	
130	128.6	91.0	136.6	





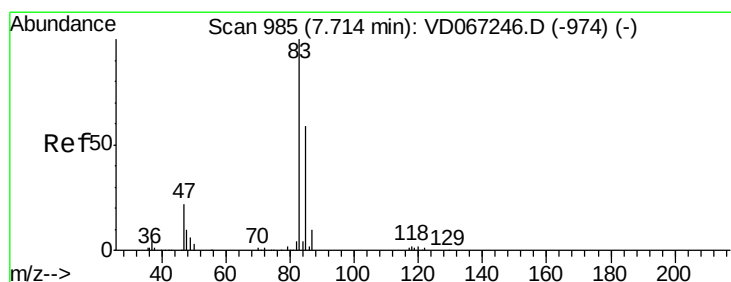
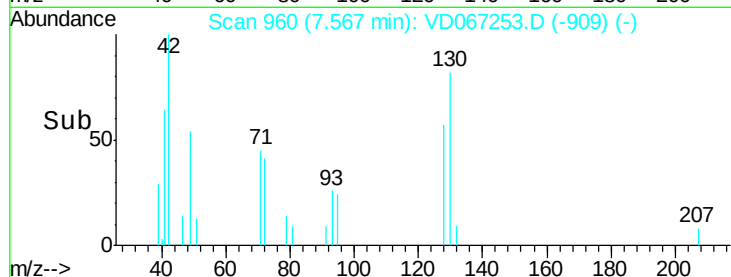
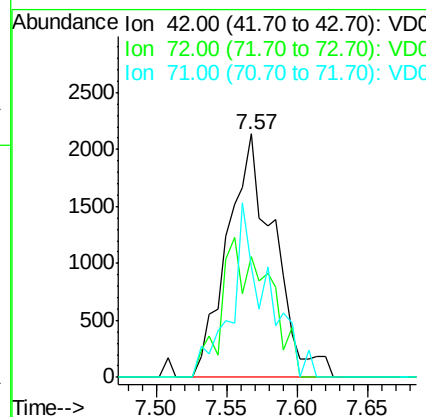
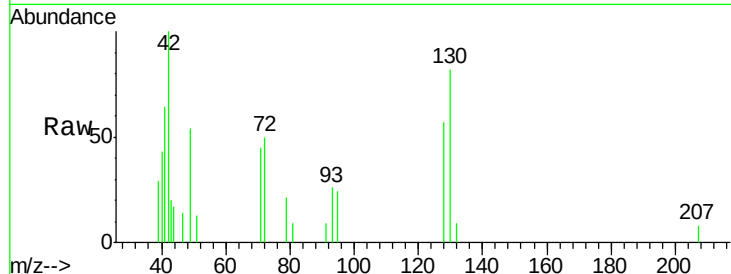
#29
Tetrahydrofuran
Concen: 16.368 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.9	43.2	64.8
71	54.9	39.4	59.0

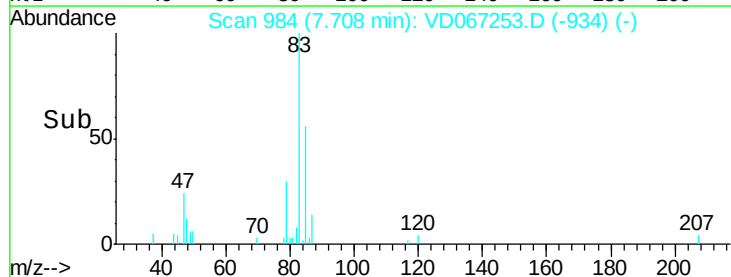
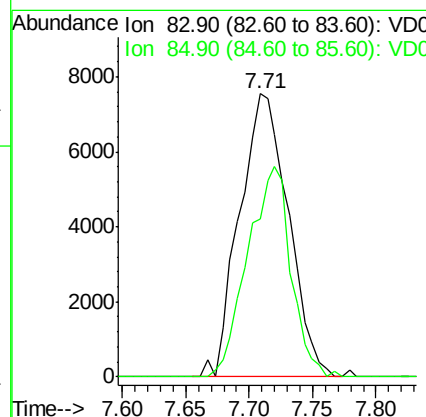
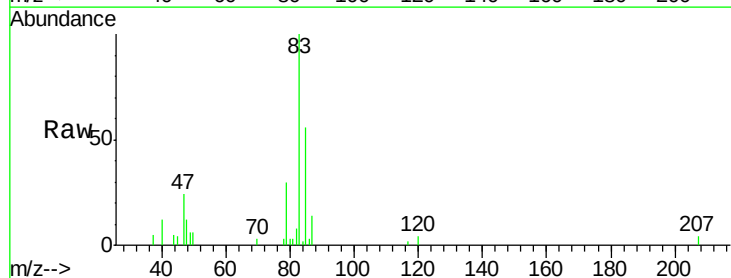
Manual Integrations
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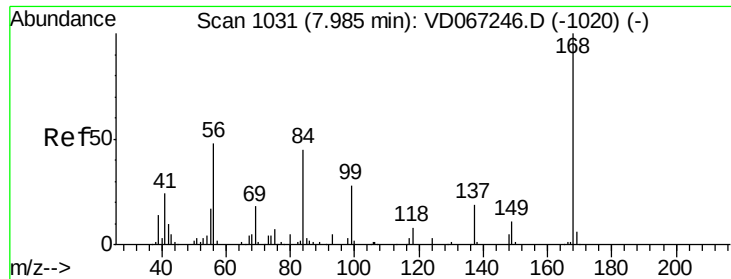
MMDadoda
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#30
Chloroform
Concen: 3.373 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.8	47.3	70.9





#31

Cyclohexane

Concen: 4.605 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

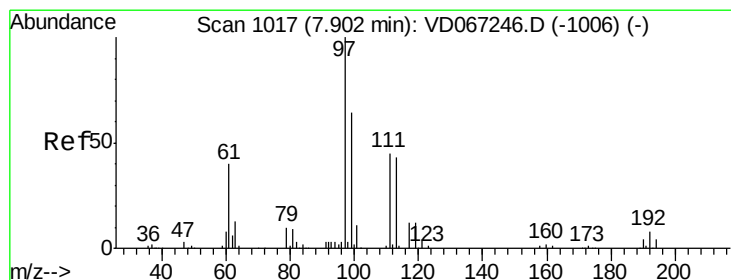
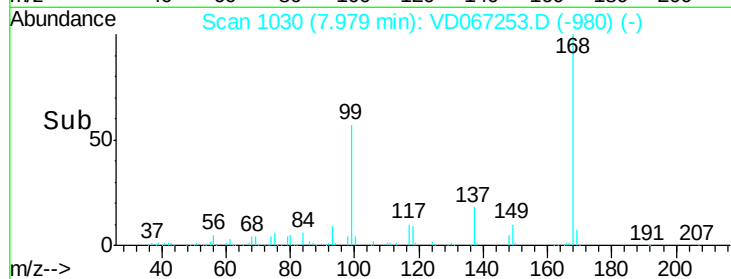
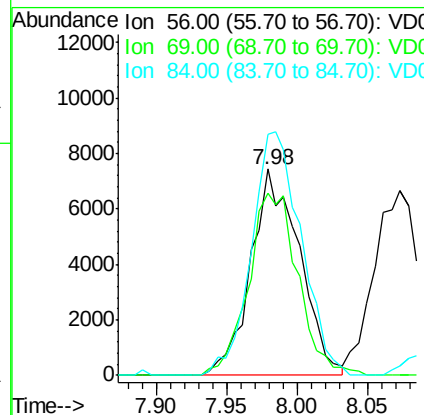
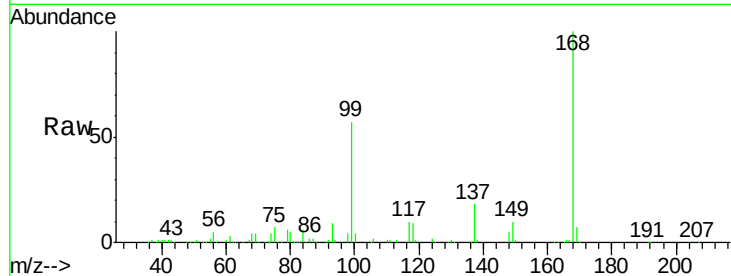
ClientSampled :

VD1014

Tot Ion:	56	Resp:	17994
Ion	Ratio	Lower	Upper
56	100		
69	88.3	29.8	44.6#
84	116.6	76.6	114.8#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 3.314 ug/l

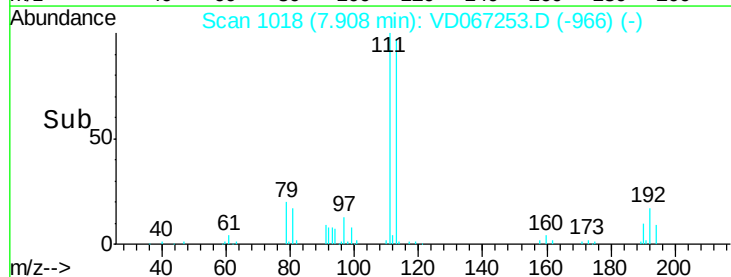
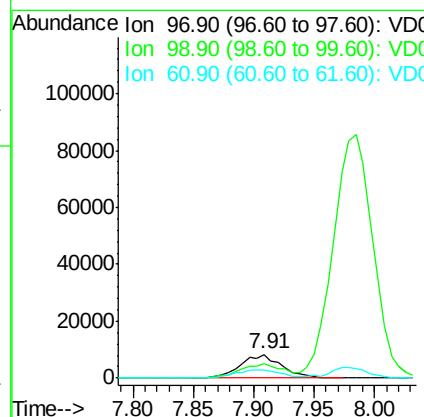
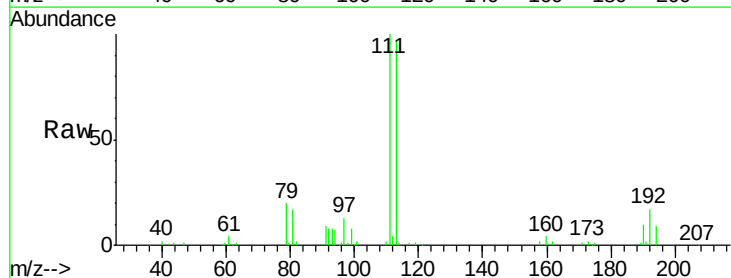
RT: 7.91 min Scan# 1018

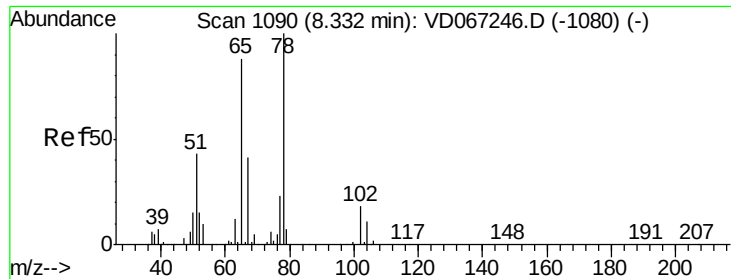
Delta R.T. 0.01 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	97	Resp:	19444
Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.2	75.4
61	40.0	30.5	45.7





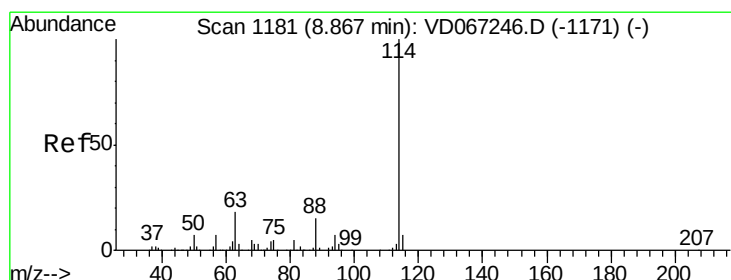
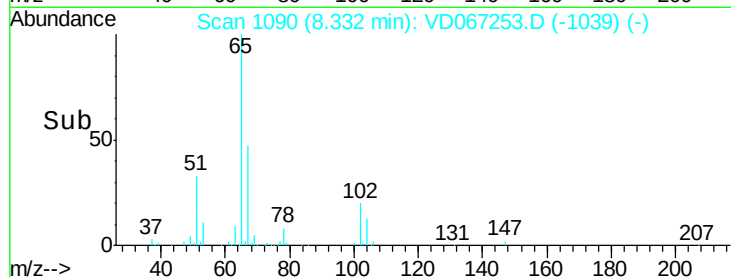
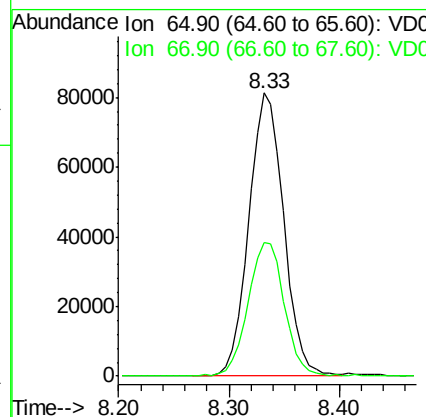
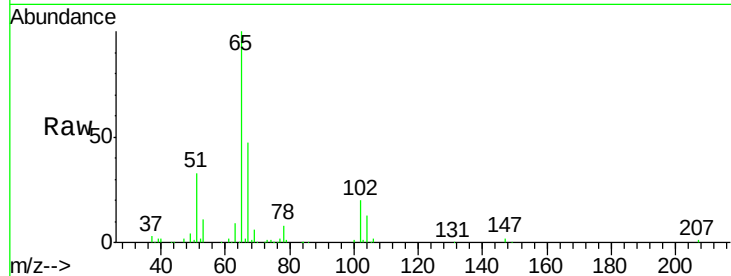
#33
 1,2-Dichloroethane-d4
 Concen: 53.249 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampled :
 VD1014

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180661		
67	49.0	0.0	103.8	

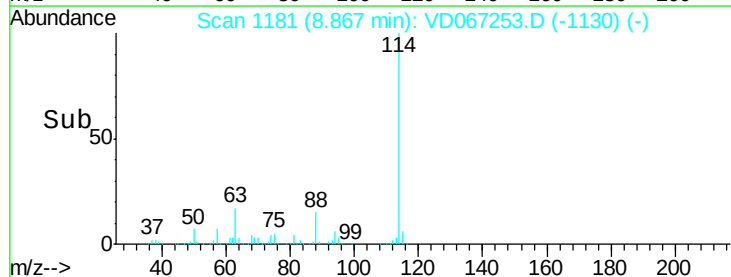
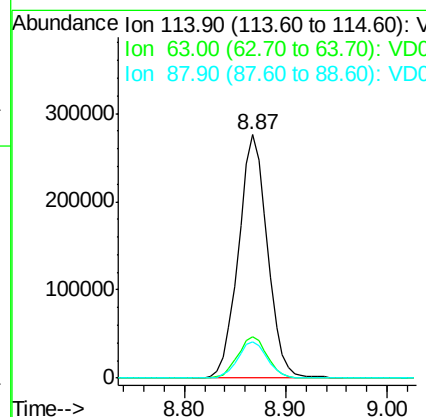
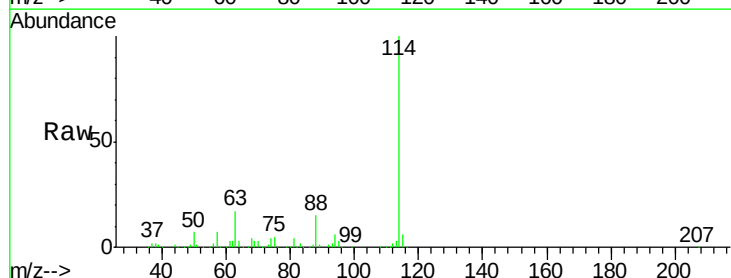
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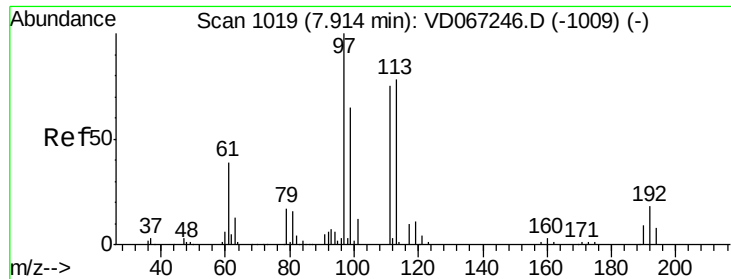
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	545043		
63	17.0	0.0	35.0	
88	14.9	0.0	30.6	





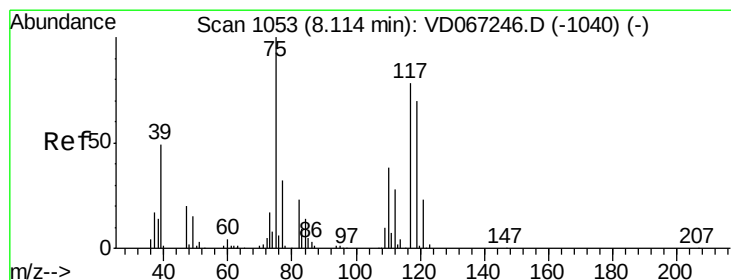
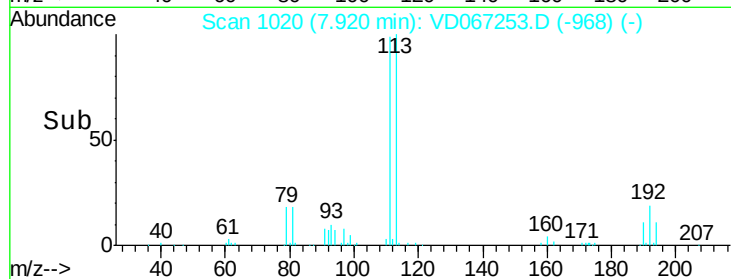
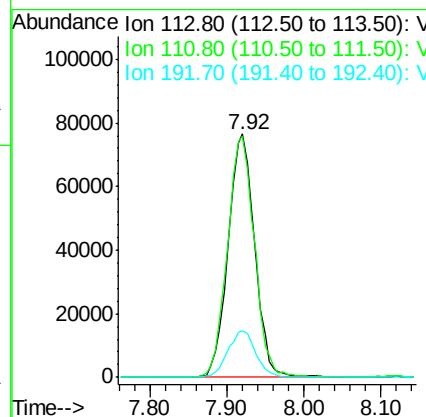
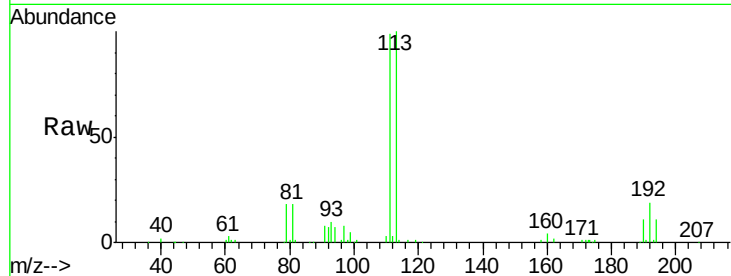
#35
 Dibromofluoromethane
 Concen: 50.739 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184045		
111	100.8		81.6	122.4
192	19.9		17.0	25.4

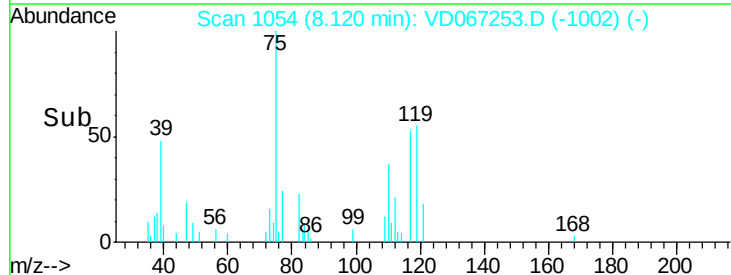
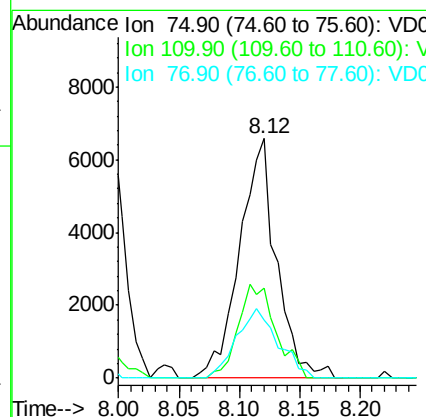
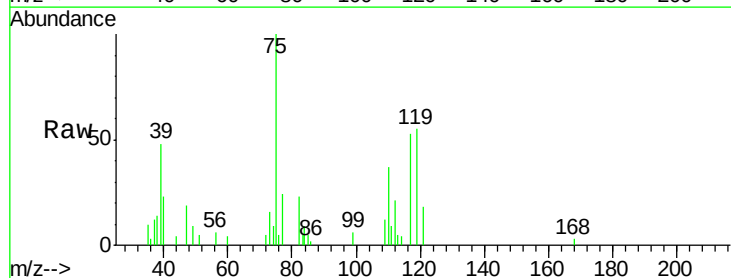
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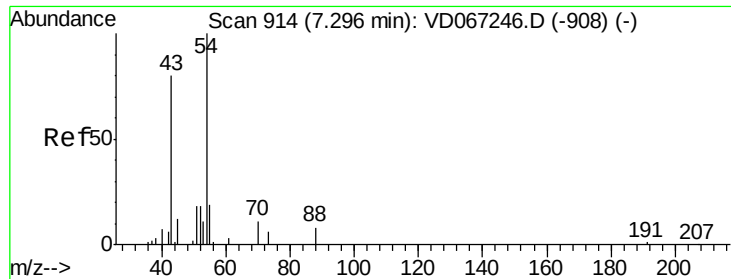
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#36
 1,1-Dichloropropene
 Concen: 3.038 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14033		
110	39.9		19.6	58.7
77	32.5		24.6	37.0





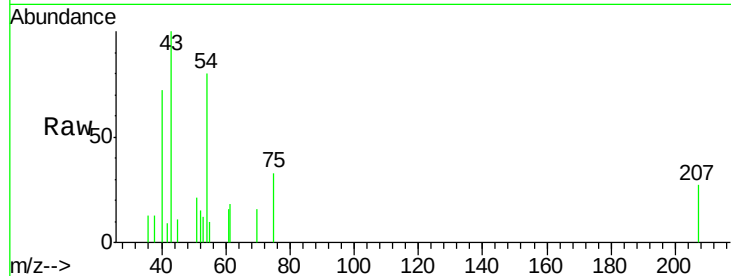
#37
Ethyl Acetate
Concen: 3.334 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

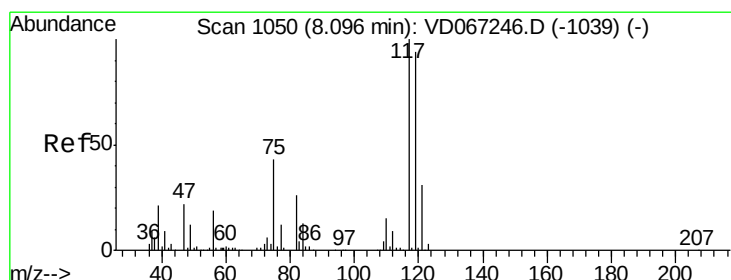
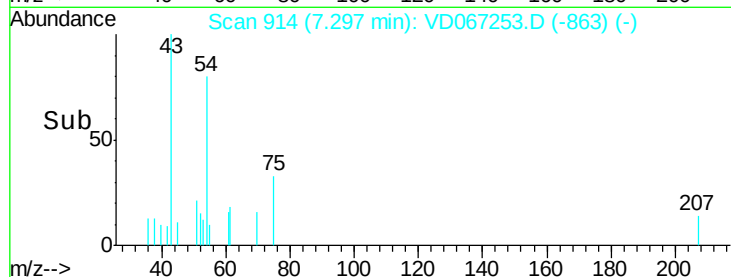
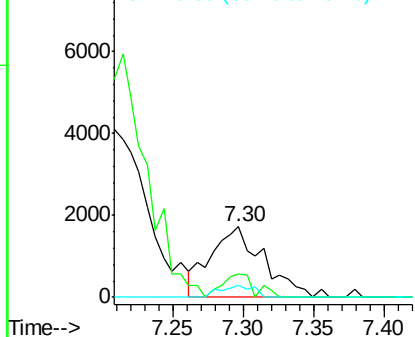
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.6	23.4
70	10.6	10.4	15.6

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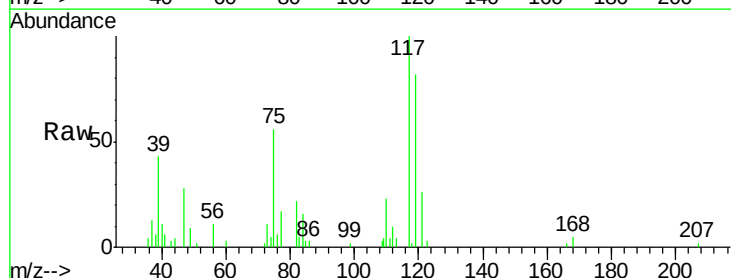


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

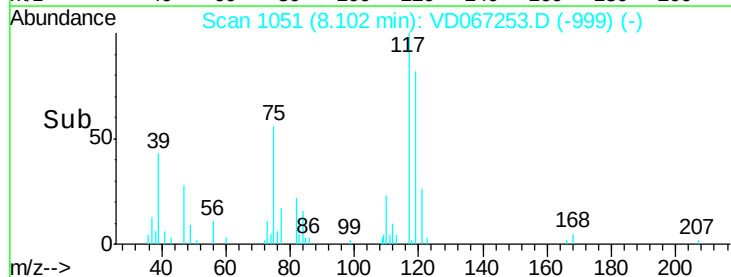
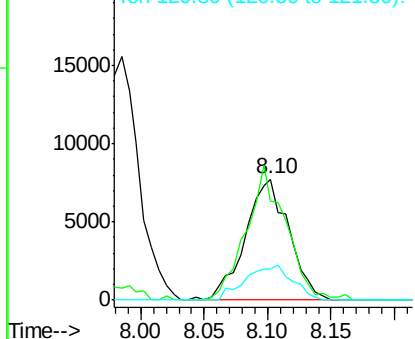


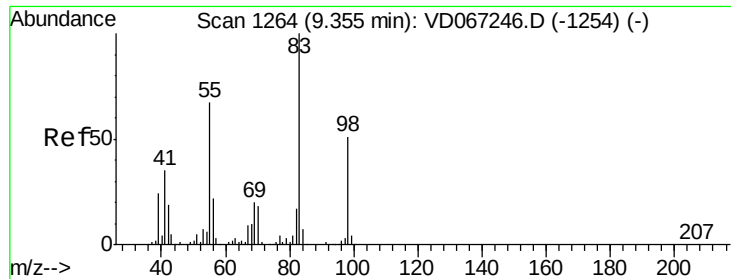
#38
Carbon Tetrachloride
Concen: 3.144 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	81.6	75.0	112.4
121	25.5	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





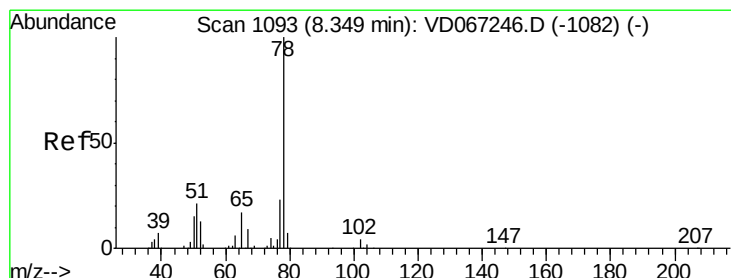
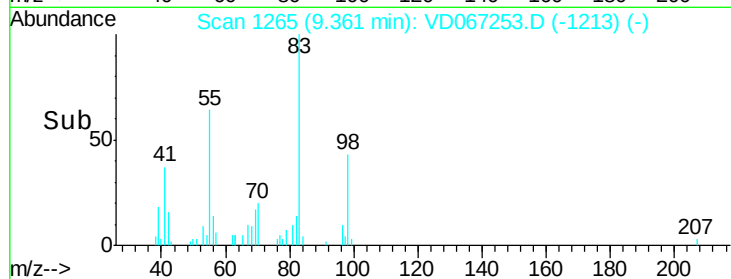
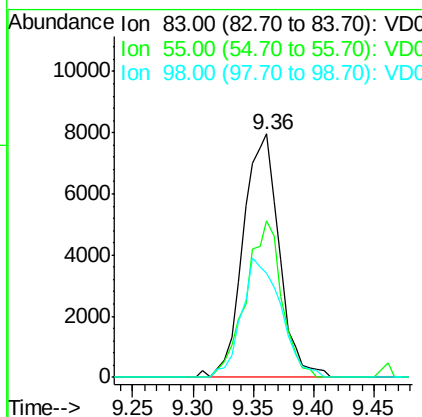
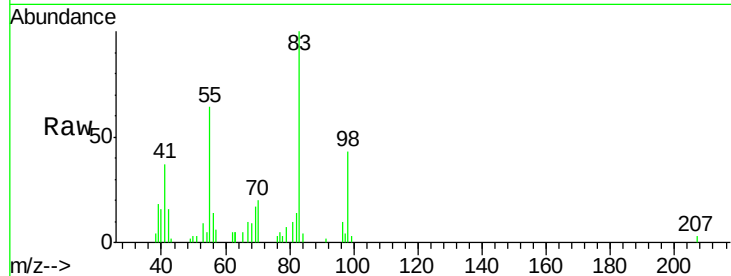
#39
Methylvlcyclohexane
Concen: 3.423 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
VD1014

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.2	53.3	79.9
98	42.9	41.0	61.4

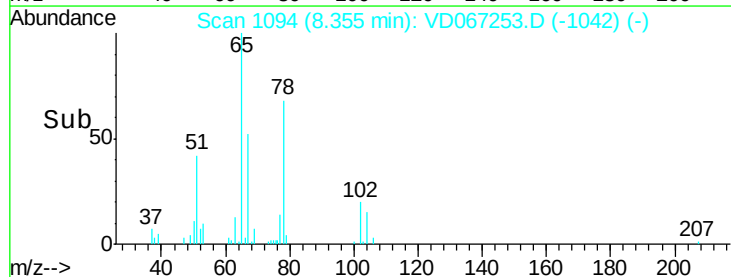
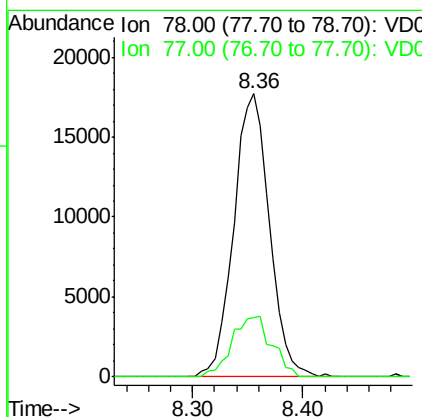
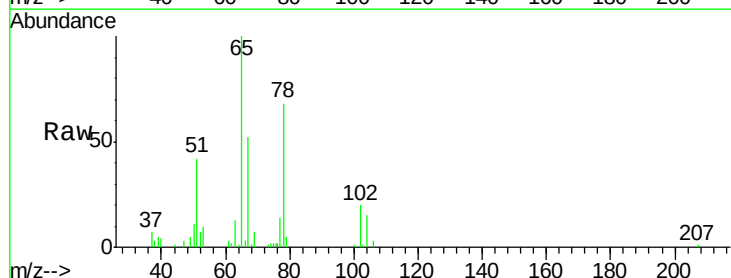
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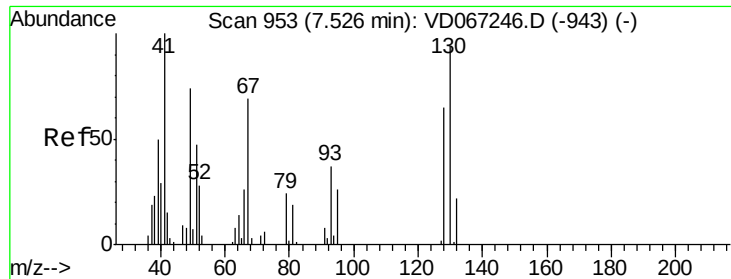
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#40
Benzene
Concen: 3.170 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.9	18.3	27.5





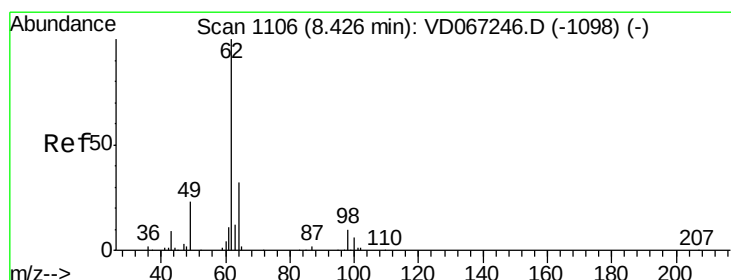
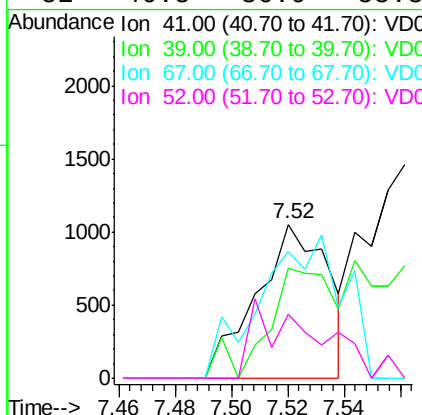
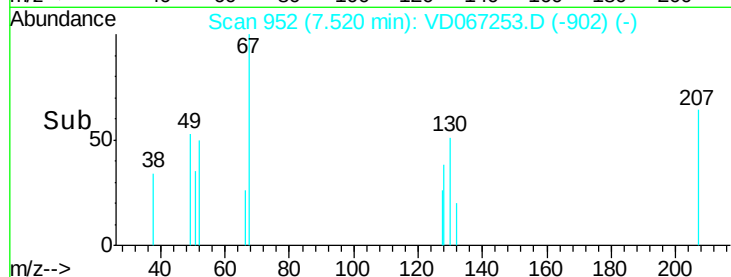
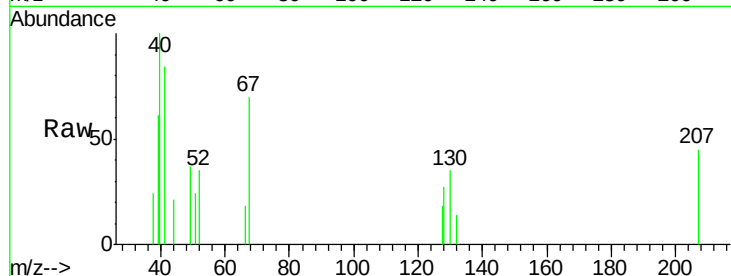
#41
Methacrylonitrile
Concen: 2.516 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion:	41	Resp:	1848
Ion	Ratio	Lower	Upper
41	100		
39	66.9	60.0	90.0
67	0.0	88.9	133.3#
52	46.5	36.9	55.3

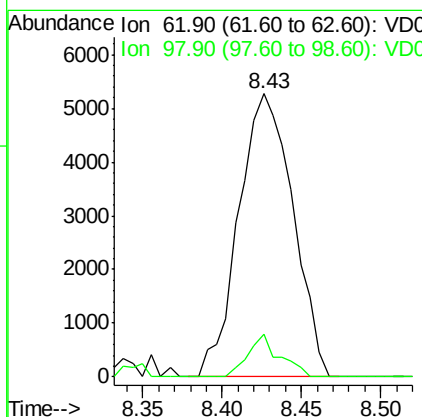
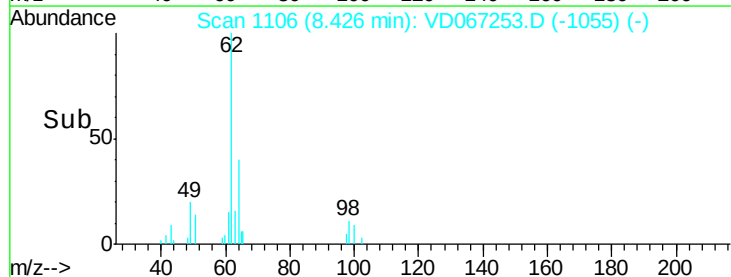
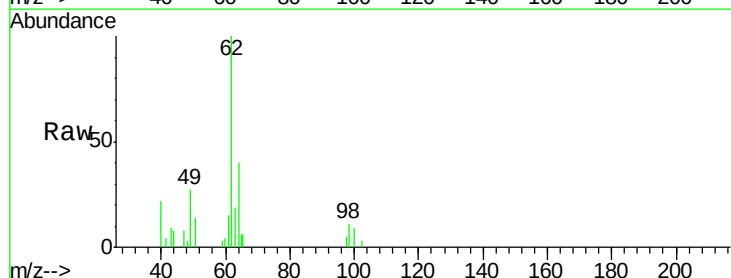
Manual Integrations
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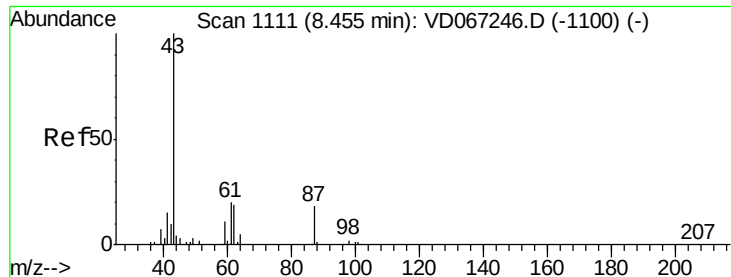
MMDadoda
10/14/2020 2:10:24 PM



#42
1,2-Dichloroethane
Concen: 3.159 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion:	62	Resp:	12530
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.4





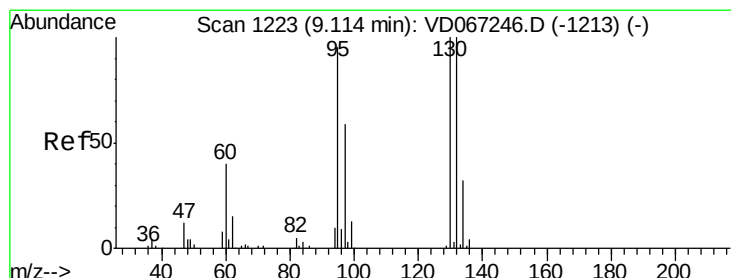
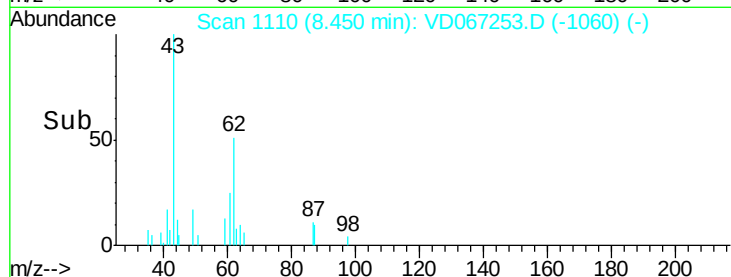
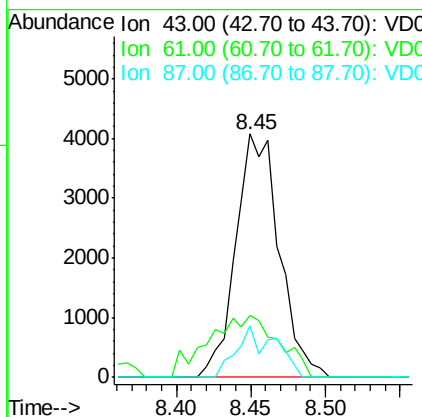
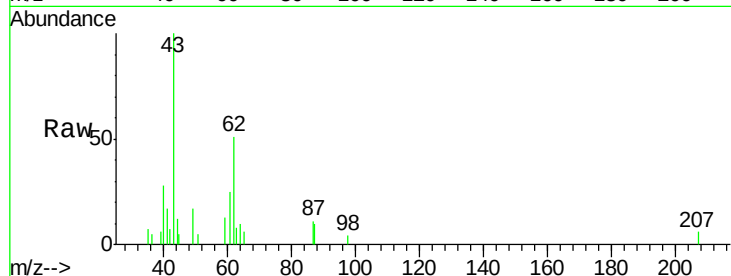
#43
Isopropyl Acetate
Concen: 3.052 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
VD1014

Tot Ion	Ratio	Lower	Upper
43	100		
61	41.2	29.5	44.3
87	18.7	14.2	21.4

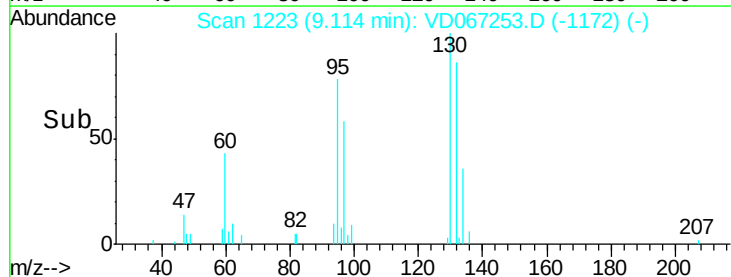
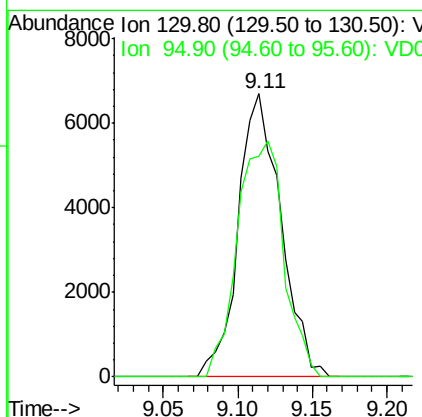
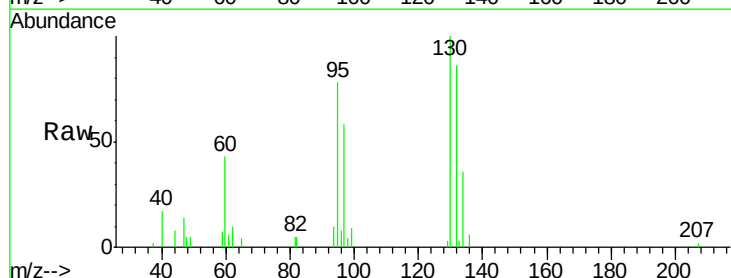
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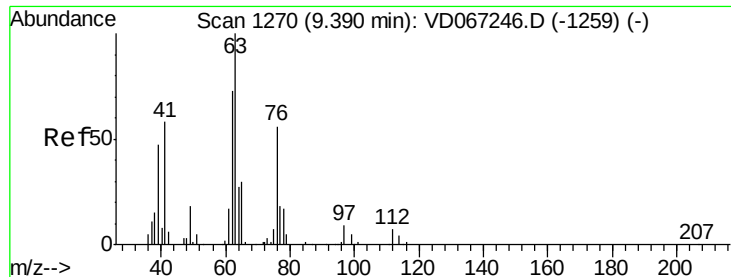
MMDadoda
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#44
Trichloroethene
Concen: 3.273 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	78.1	0.0	190.6





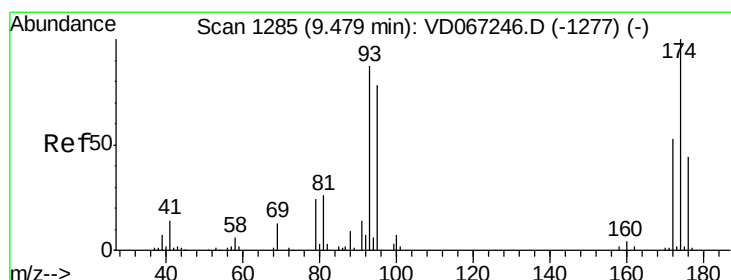
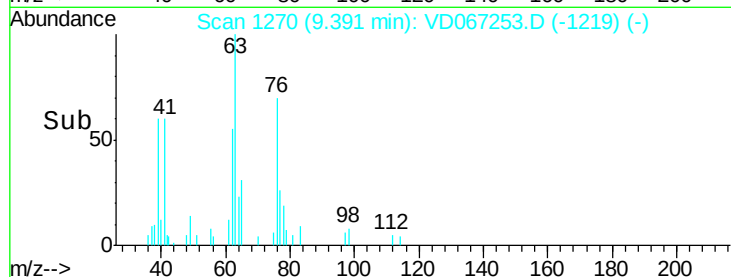
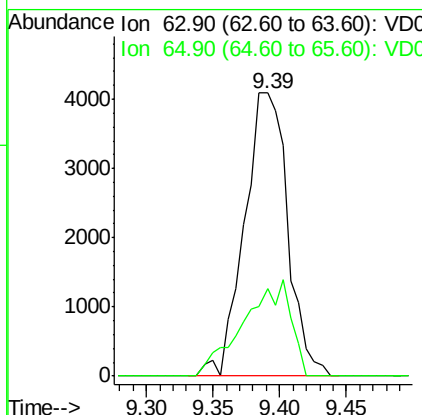
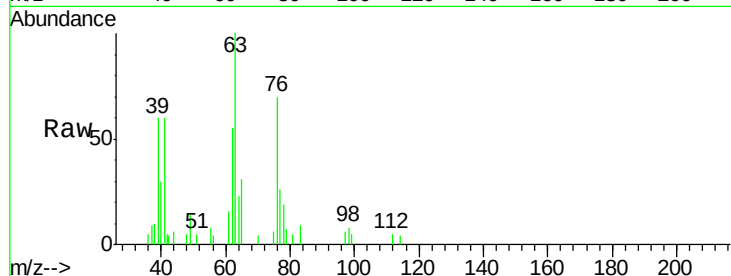
#45
 1,2-Dichloropropane
 Concen: 3.116 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion: 63 Resp: 9152
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8

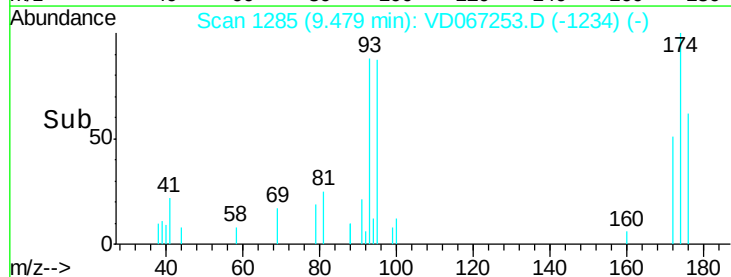
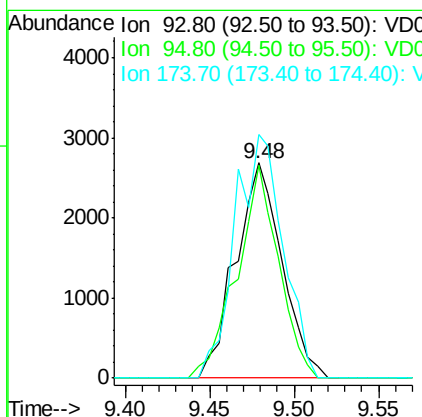
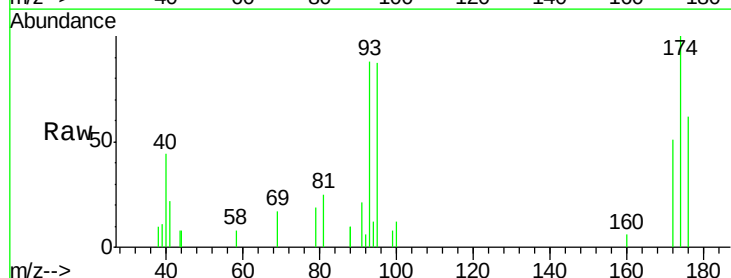
Manual Integrations
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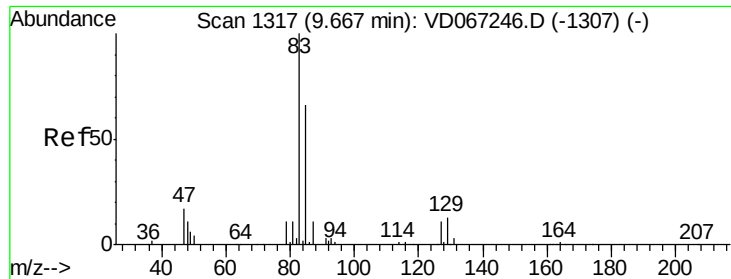
MMDadoda
 10/14/2020 2:10:24 PM



#46
 Dibromomethane
 Concen: 2.813 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion: 93 Resp: 5147
 Ion Ratio Lower Upper
 93 100
 95 89.1 68.0 102.0
 174 116.7 91.8 137.6





#47

Bromodichloromethane

Concen: 2.969 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

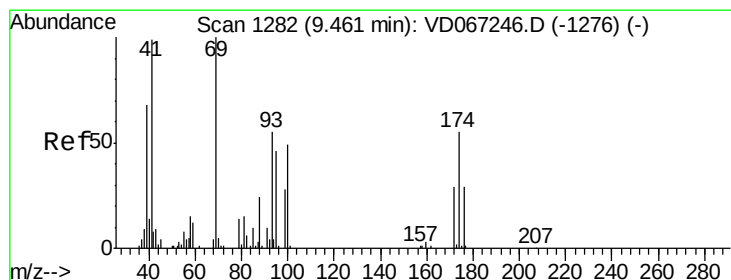
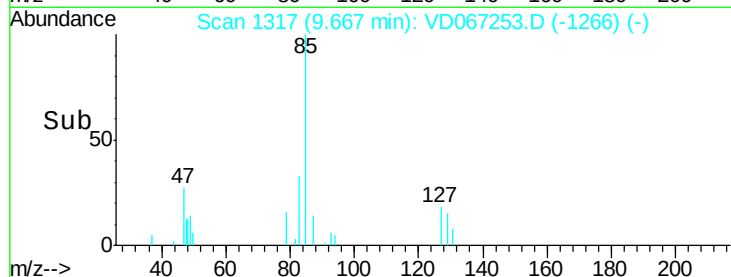
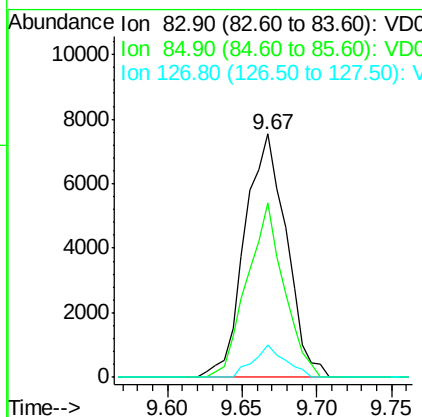
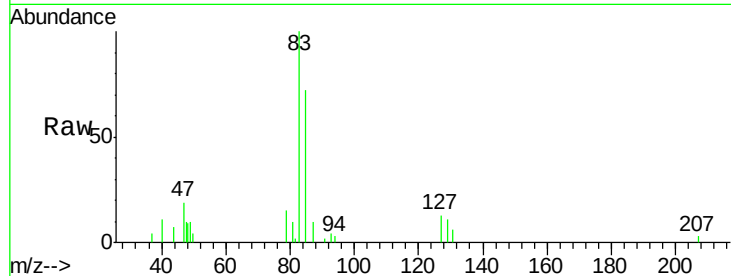
ClientSampleId :

VD1014

Tot Ion:	83	Resp:	14555
Ion	Ratio	Lower	Upper
83	100		
85	71.9	53.1	79.7
127	13.1	8.6	13.0#

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#48

Methyl methacrylate

Concen: 3.118 ug/l

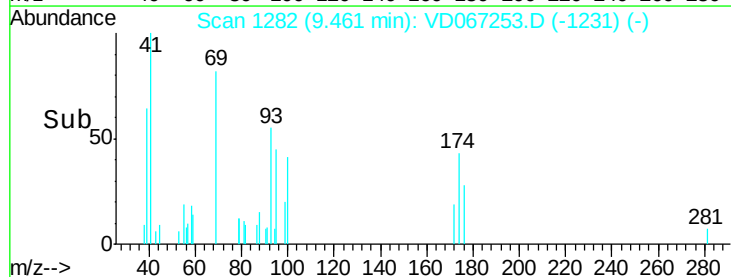
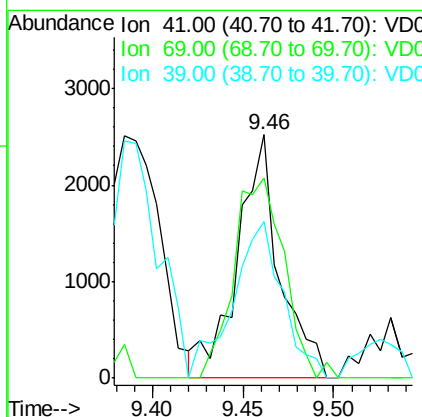
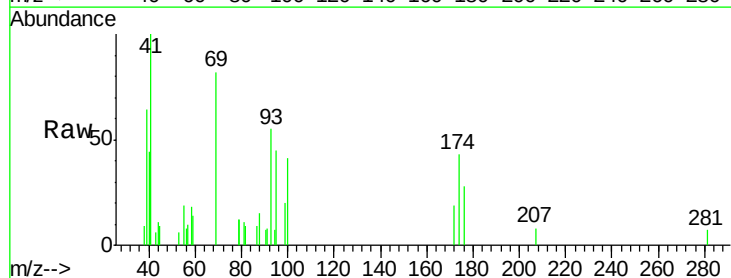
RT: 9.46 min Scan# 1282

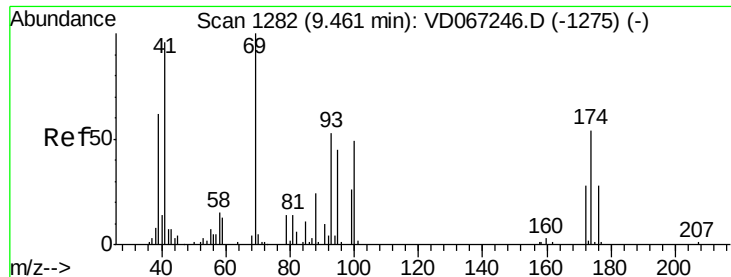
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	41	Resp:	4087
Ion	Ratio	Lower	Upper
41	100		
69	97.9	89.0	133.6
39	76.3	60.2	90.2





#49

1,4-Dioxane

Concen: 68.219 ug/l m

RT: 9.48 min Scan# 1285

Delta R.T. 0.02 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

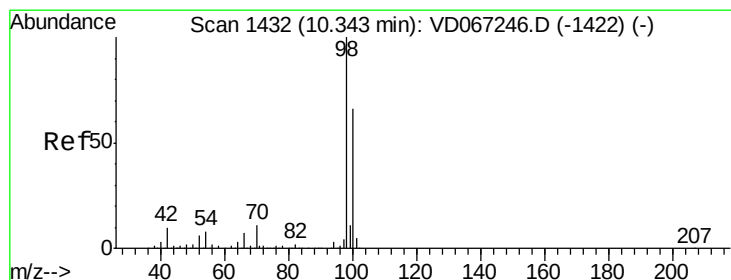
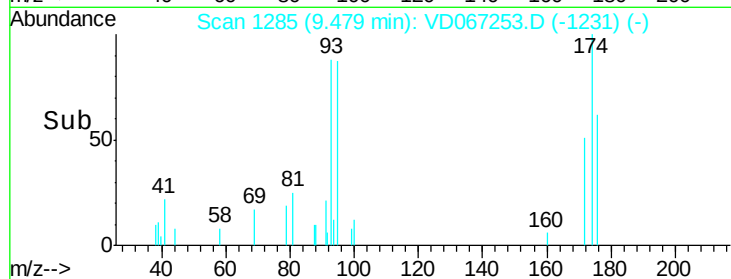
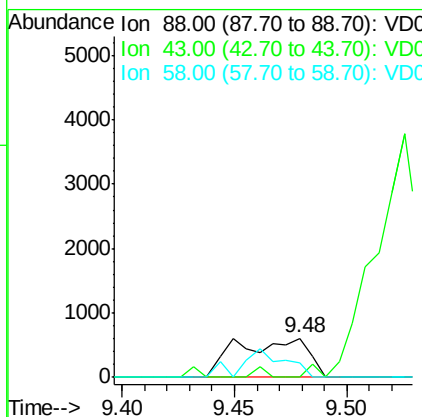
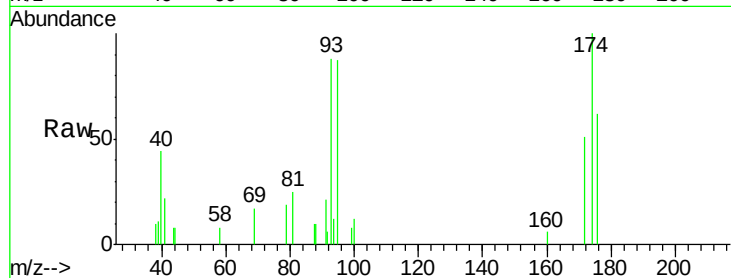
ClientSampled :

VD1014

Tot Ion:	88	Resp:	1314
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.9	35.9#
58	46.0	51.0	76.6#

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#50

Toluene-d8

Concen: 49.934 ug/l

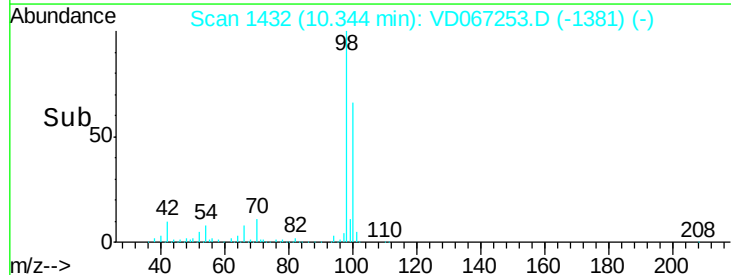
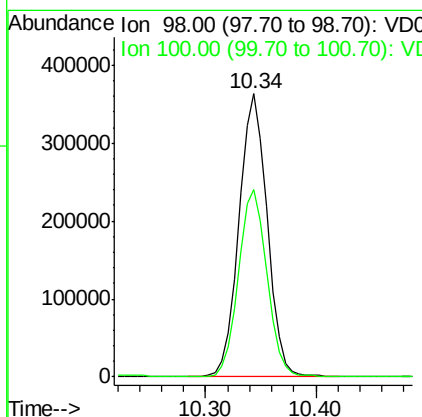
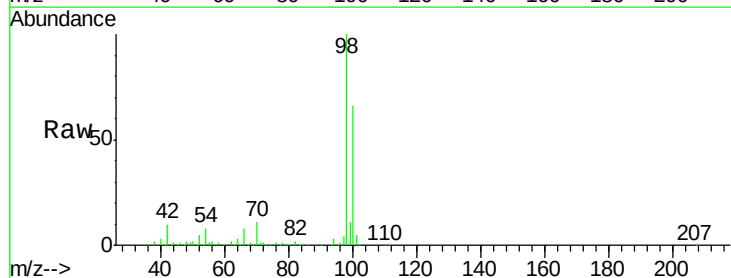
RT: 10.34 min Scan# 1432

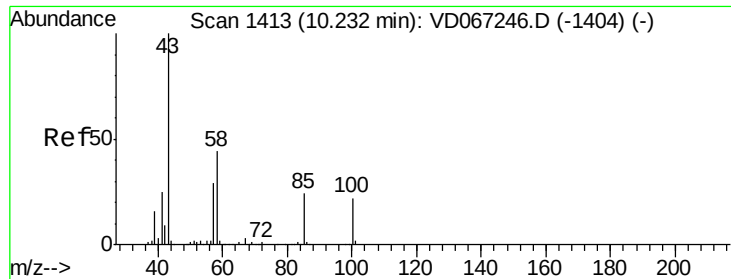
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	98	Resp:	655475
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 13.998 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 43 Resp: 18829

Ion Ratio Lower Upper

43 100

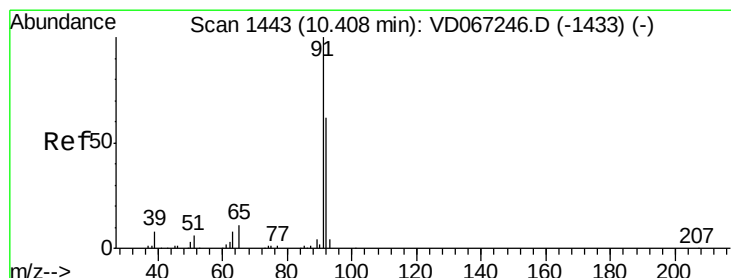
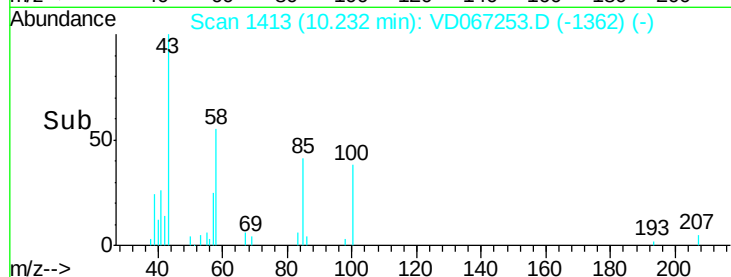
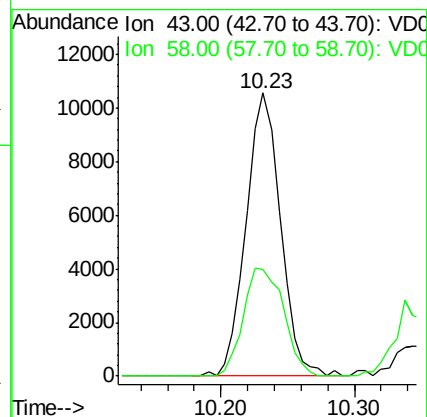
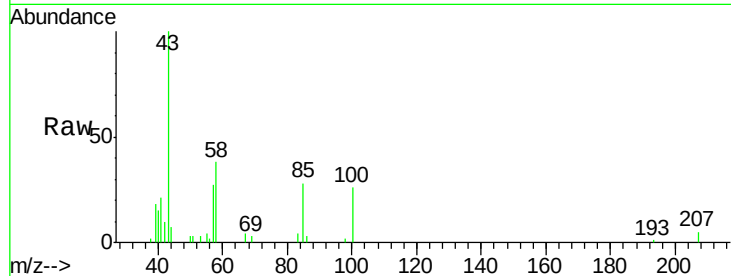
58 44.7 35.7 53.5

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#52

Toluene

Concen: 3.063 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067253.D

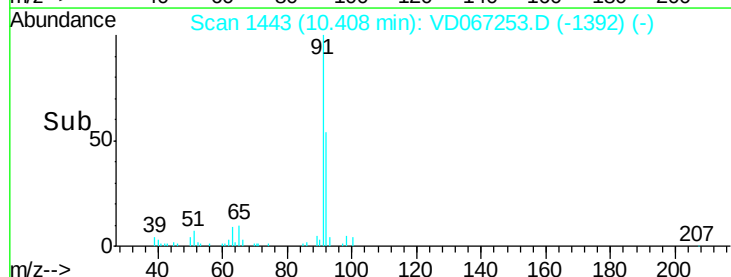
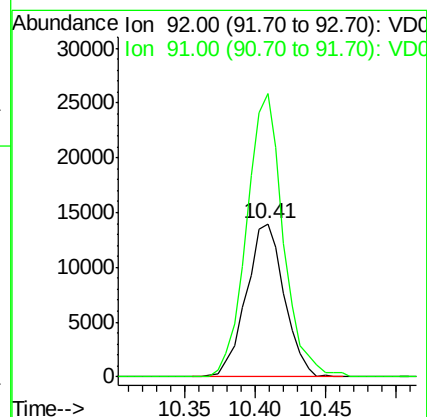
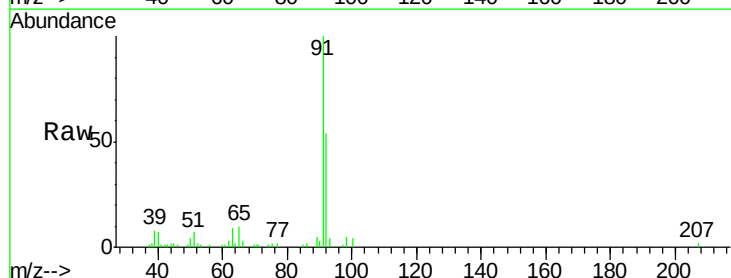
Acq: 13 Oct 2020 15:42

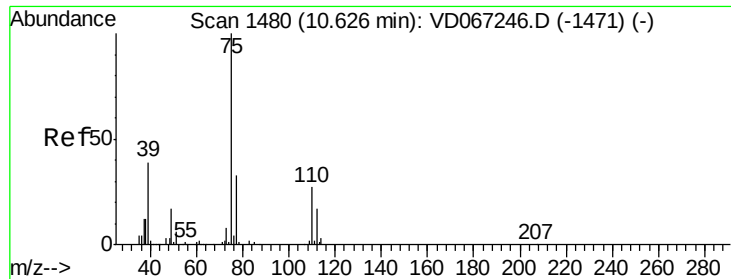
Tgt Ion: 92 Resp: 26437

Ion Ratio Lower Upper

92 100

91 177.2 133.8 200.8





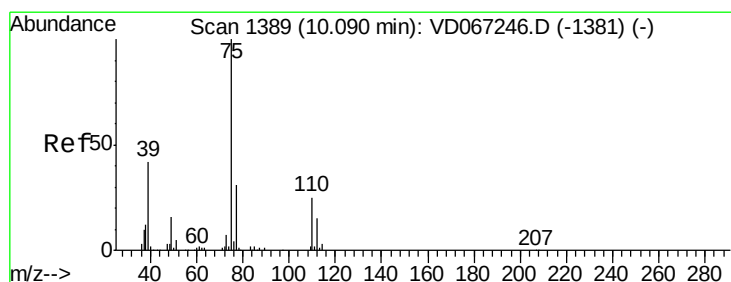
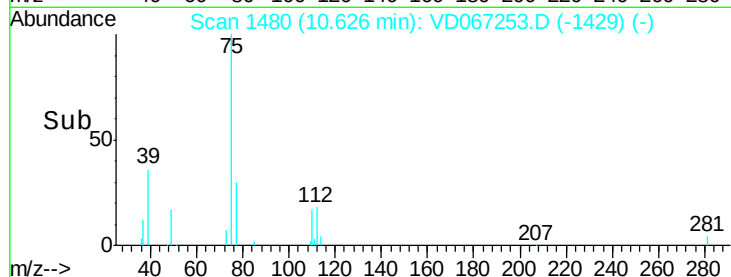
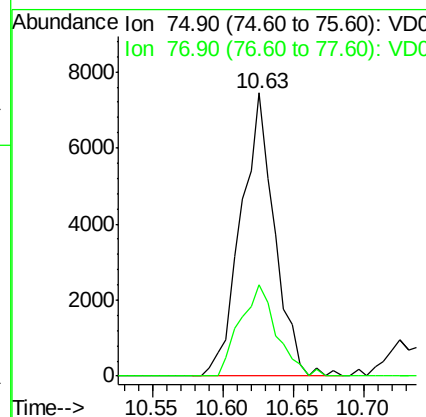
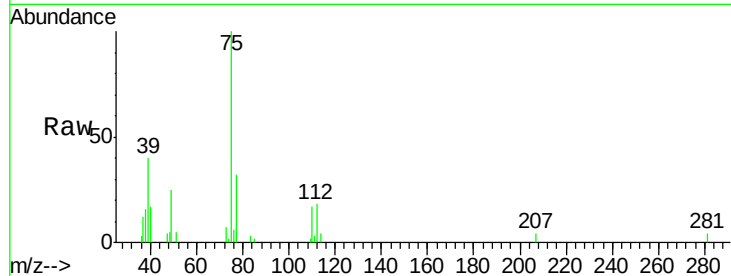
#53
 t-1,3-Dichloropropene
 Concen: 2.885 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion: 75 Resp: 12424
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.5 39.7

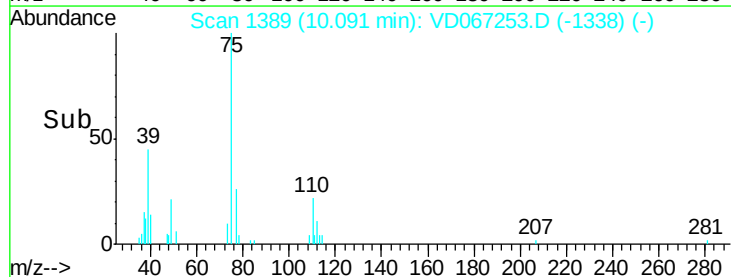
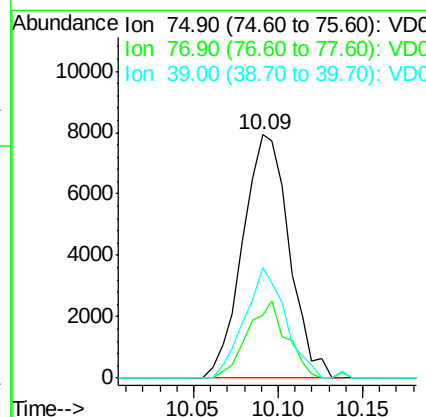
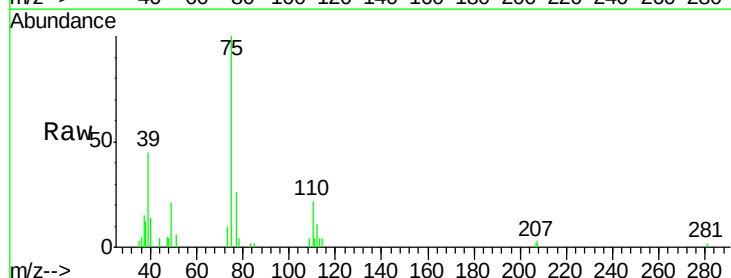
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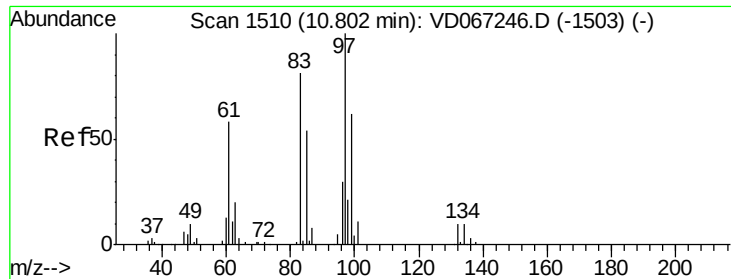
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 3.017 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion: 75 Resp: 15208
 Ion Ratio Lower Upper
 75 100
 77 26.1 24.5 36.7
 39 45.2 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 3.143 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

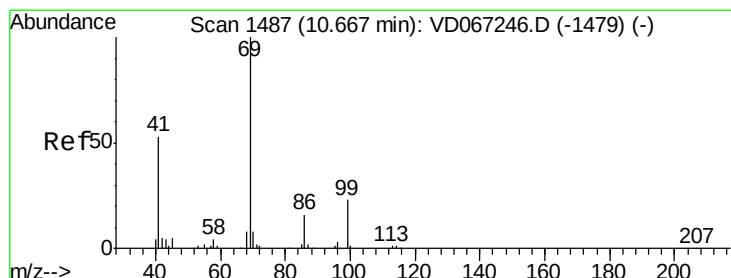
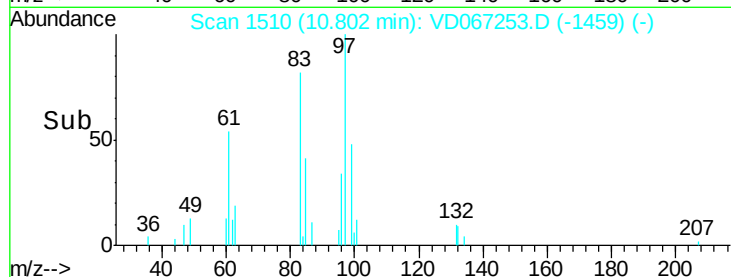
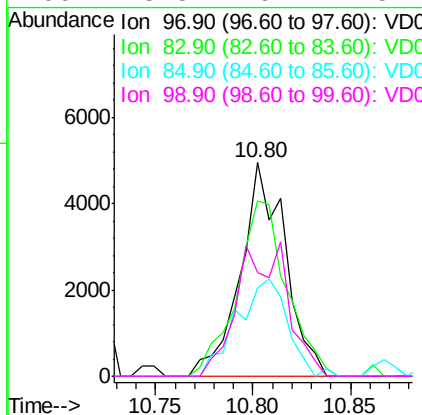
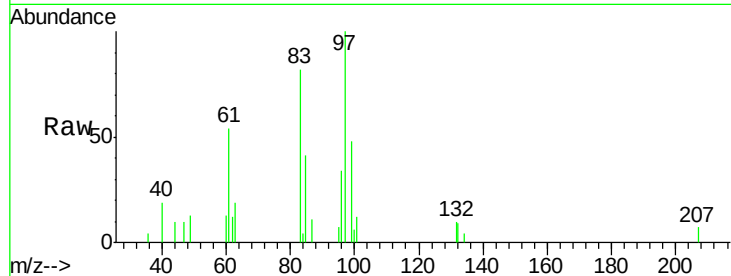
ClientSampleId :

VD1014

Tot Ion:	97	Resp:	7842
Ion	Ratio	Lower	Upper
97	100		
83	81.9	64.9	97.3
85	41.1	43.3	64.9#
99	48.3	49.1	73.7#

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#56

Ethyl methacrylate

Concen: 2.762 ug/l

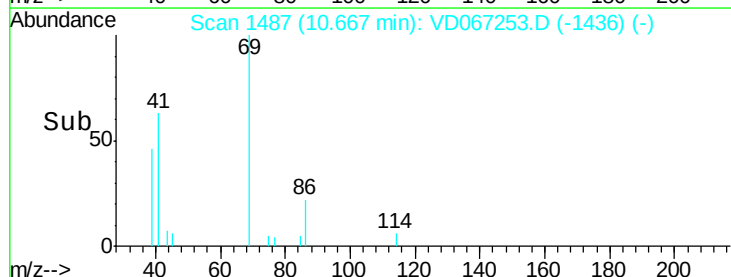
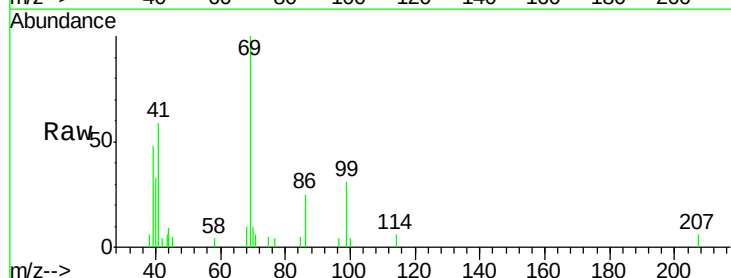
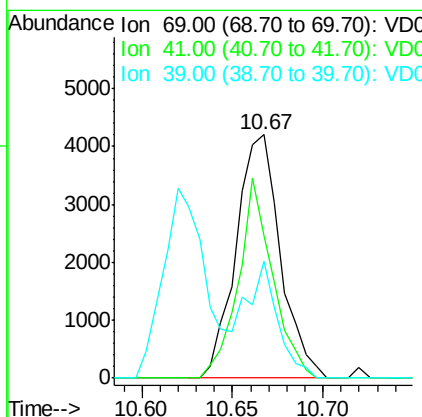
RT: 10.67 min Scan# 1487

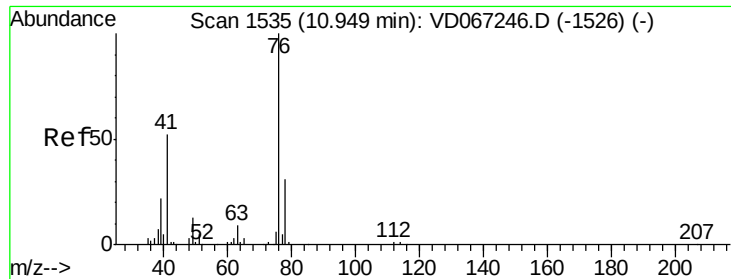
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	69	Resp:	7147
Ion	Ratio	Lower	Upper
69	100		
41	63.4	44.7	67.1
39	34.2	26.2	39.2





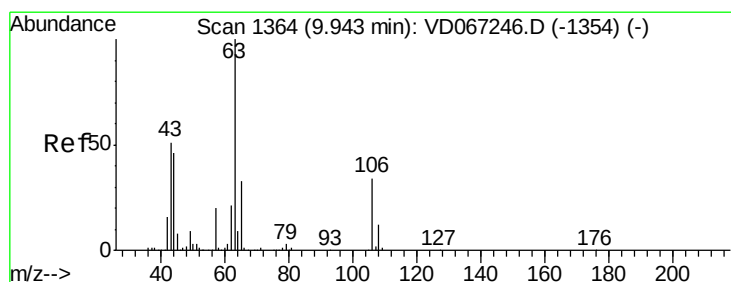
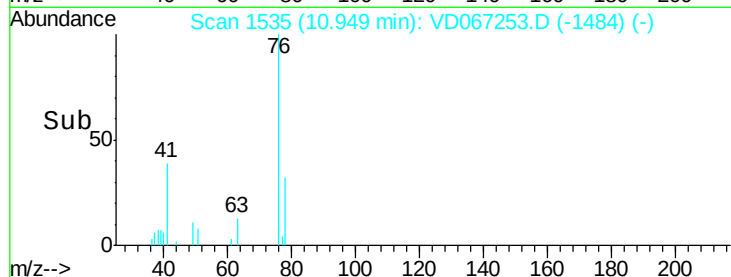
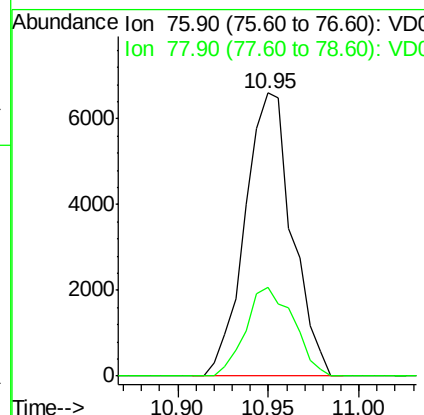
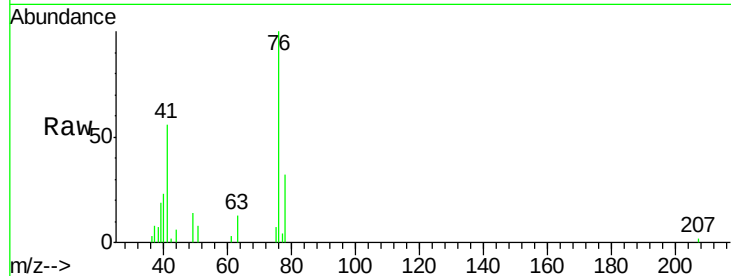
#57
 1,3-Dichloropropane
 Concen: 3.014 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.8	40.2

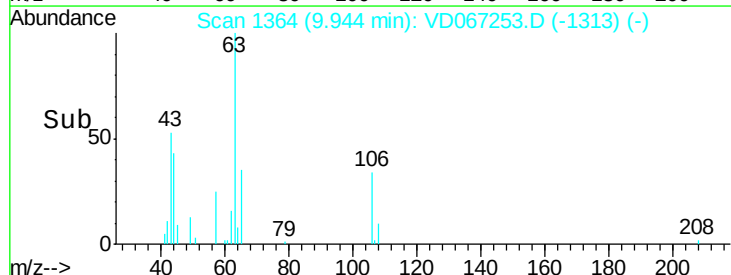
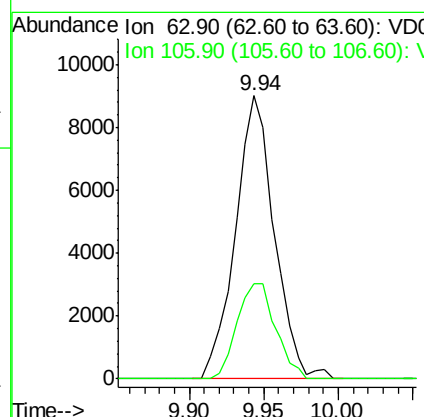
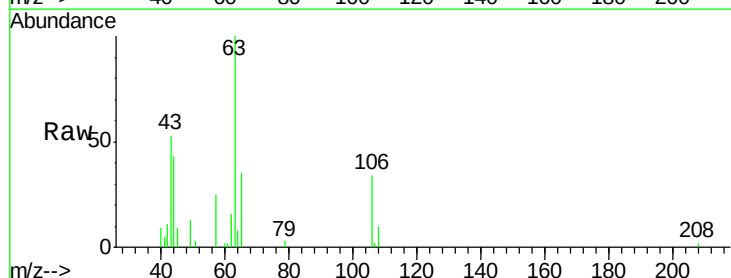
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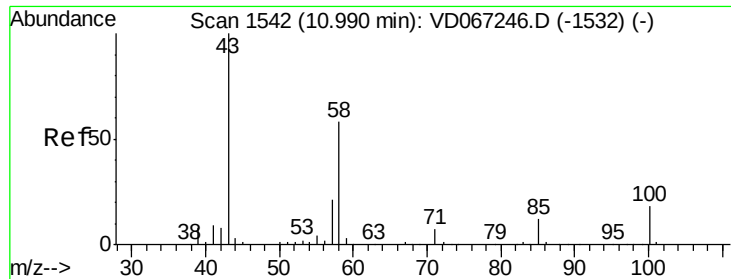
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#58
 2-Chloroethyl Vinyl ether
 Concen: 12.282 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.4	27.8	41.6





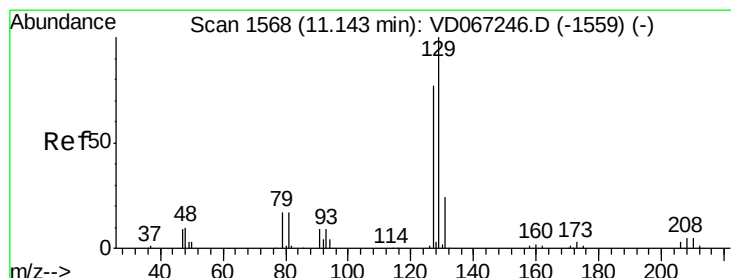
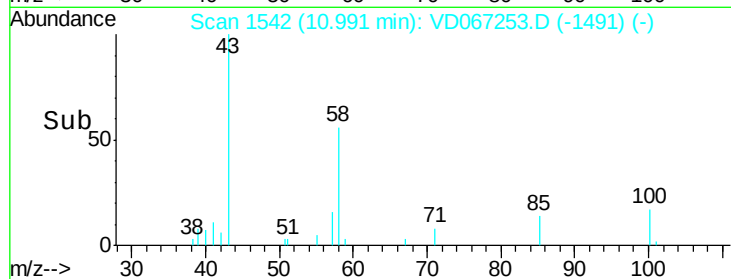
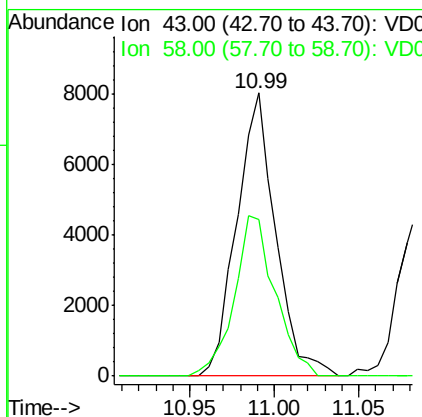
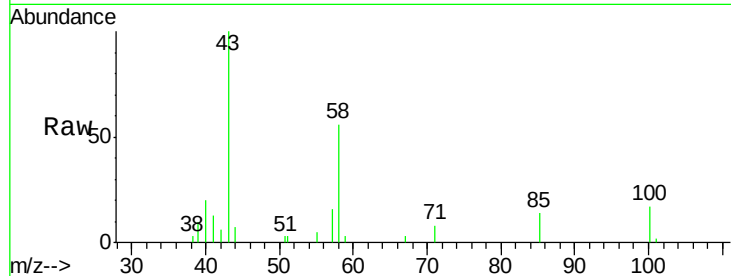
#59
2-Hexanone
Concen: 14.048 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion: 43 Resp: 12913
Ion Ratio Lower Upper
43 100
58 59.2 29.3 87.9

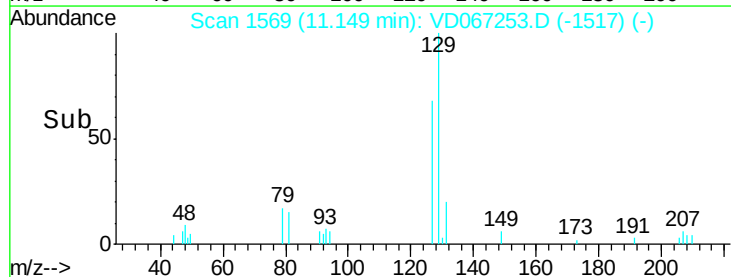
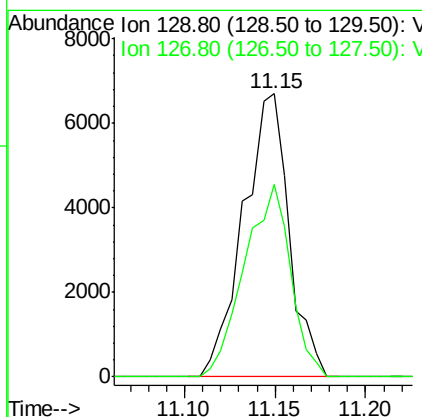
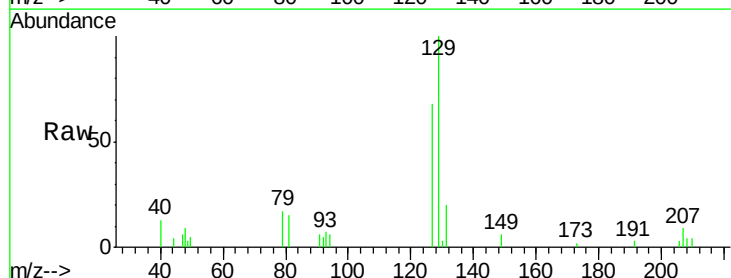
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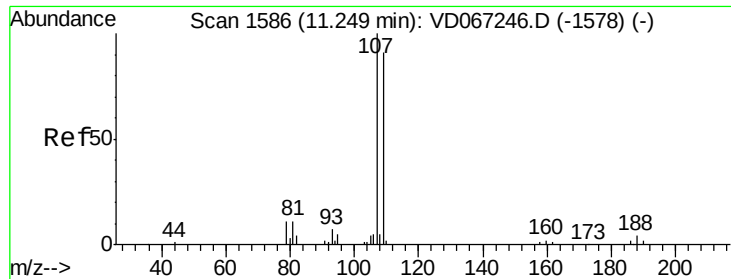
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#60
Dibromochloromethane
Concen: 3.232 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion: 129 Resp: 11761
Ion Ratio Lower Upper
129 100
127 68.3 38.3 114.8





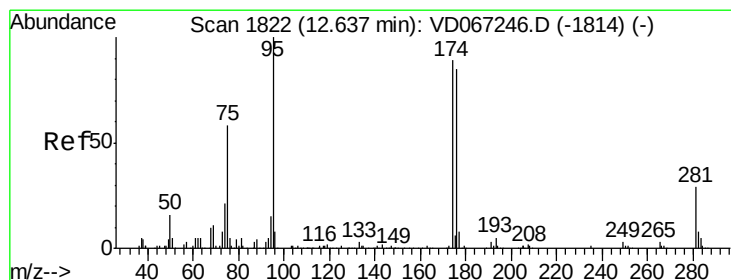
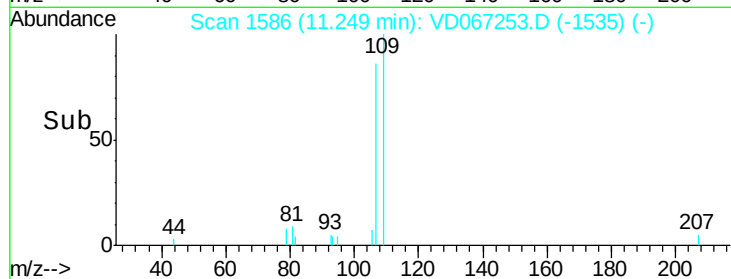
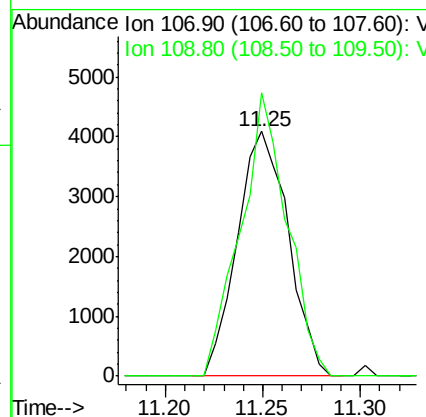
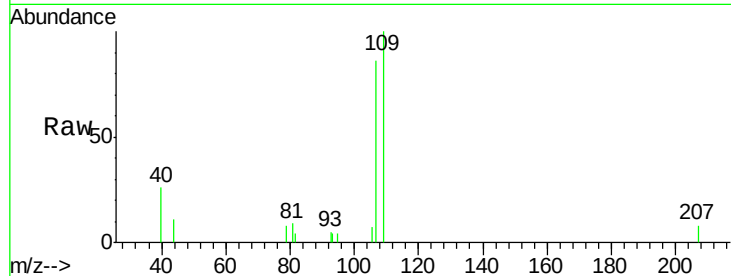
#61
 1,2-Dibromoethane
 Concen: 3.008 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion: 107 Resp: 7400
 Ion Ratio Lower Upper
 107 100
 109 106.2 74.6 112.0

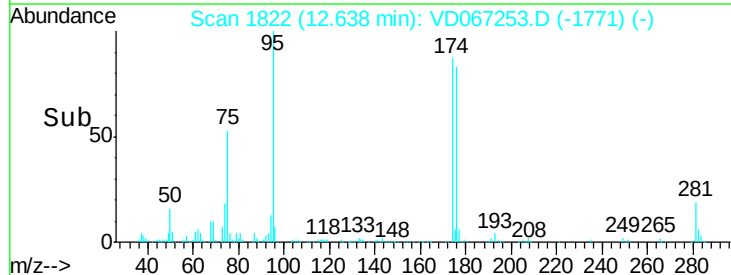
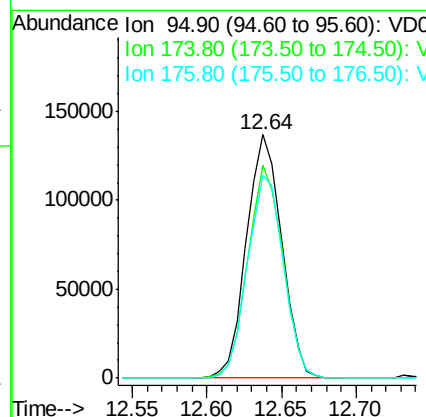
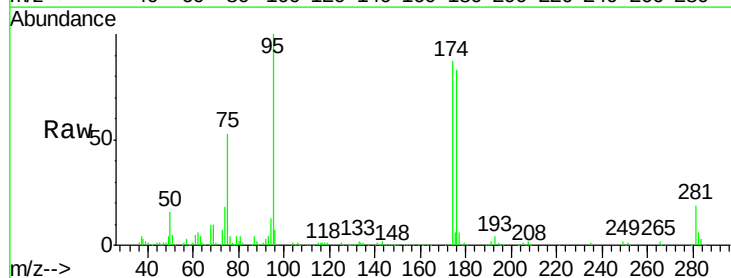
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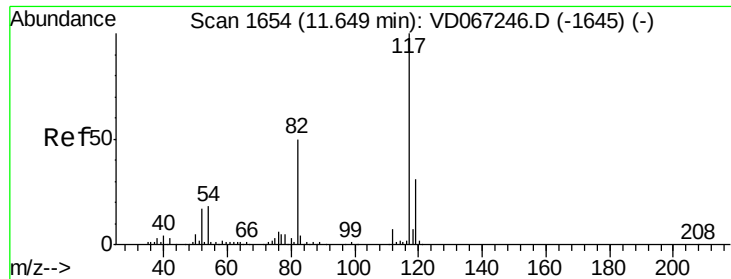
MMDadoda
 10/14/2020 2:10:24 PM



#62
 4-Bromofluorobenzene
 Concen: 49.003 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion: 95 Resp: 223671
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 175.2
 176 85.0 0.0 168.6





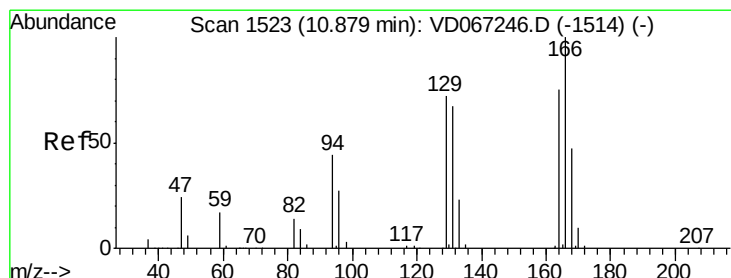
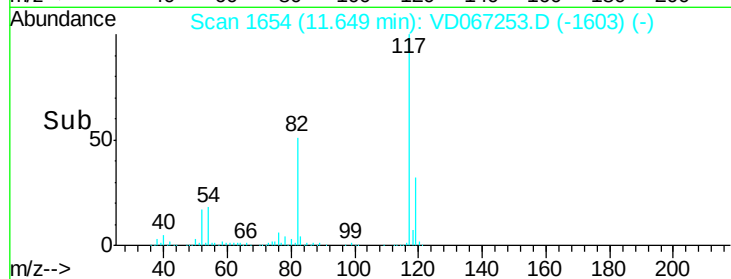
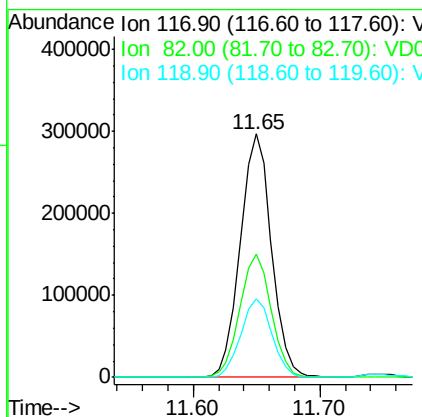
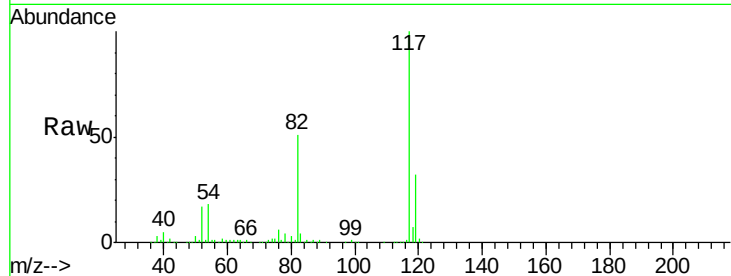
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Resp	Lower	Upper
117	100	507531		
82	50.9		39.9	59.9
119	32.4		24.9	37.3

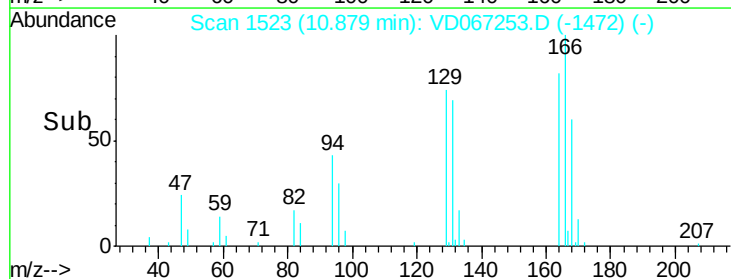
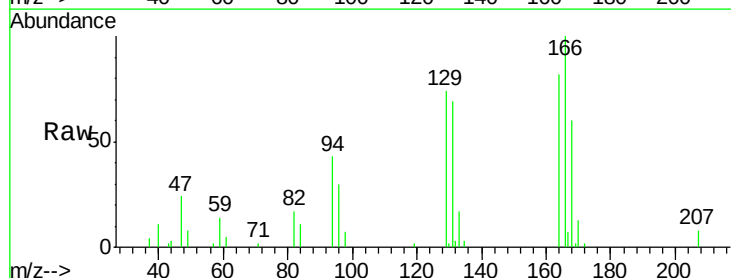
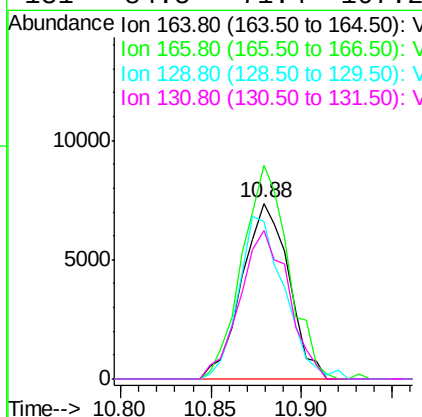
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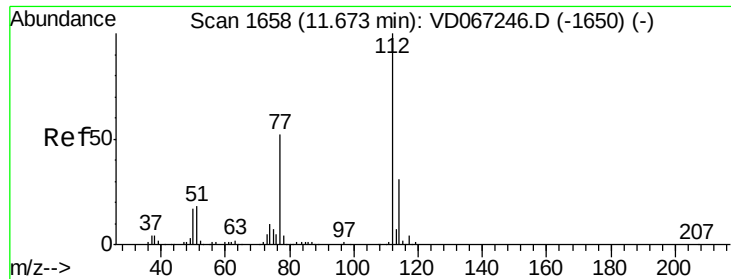
MMDadoda
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#64
Tetrachloroethene
Concen: 3.582 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	13170		
166	121.6		107.3	160.9
129	89.6		77.3	115.9
131	84.5		71.4	107.2





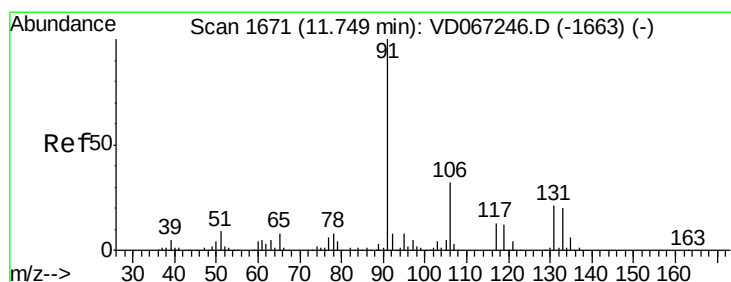
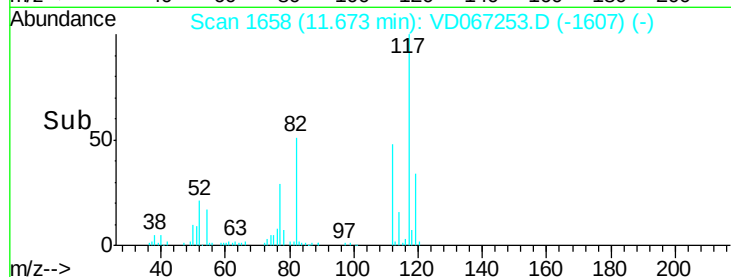
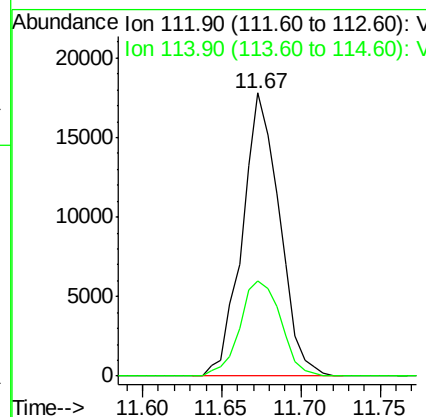
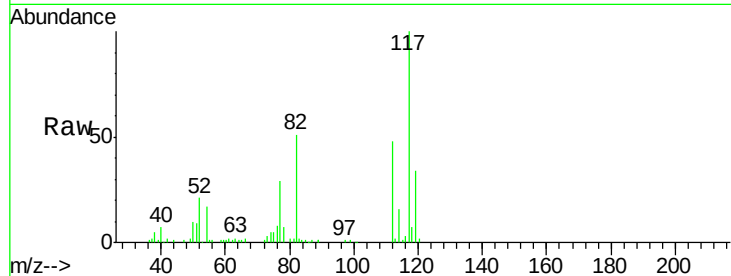
#65
Chlorobenzene
Concen: 2.987 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion:112 Resp: 29070
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4

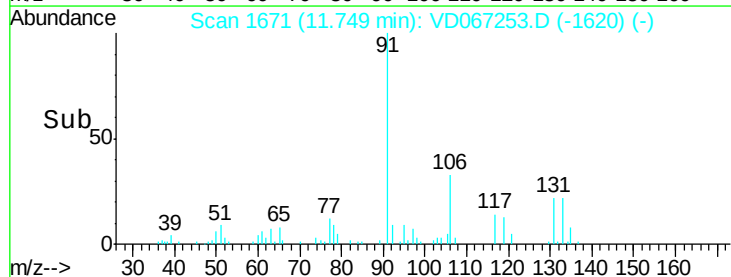
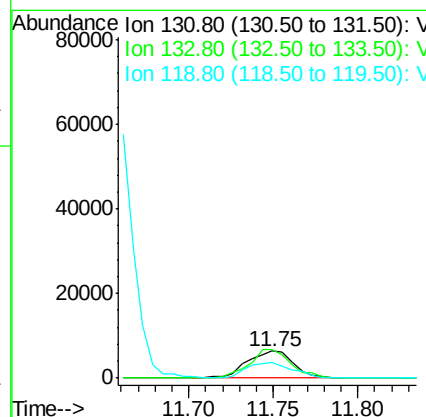
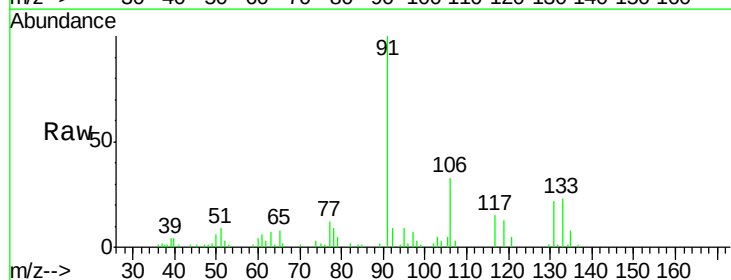
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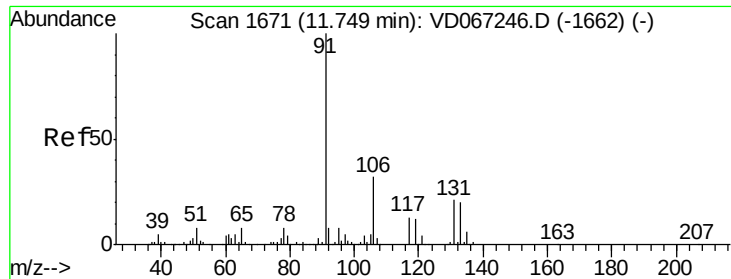
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#66
1,1,1,2-Tetrachloroethane
Concen: 3.116 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion:131 Resp: 12053
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 58.3 30.0 90.0





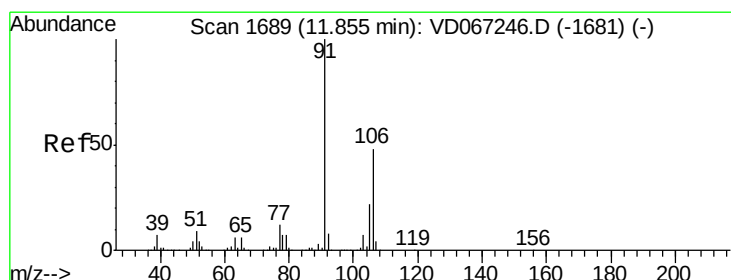
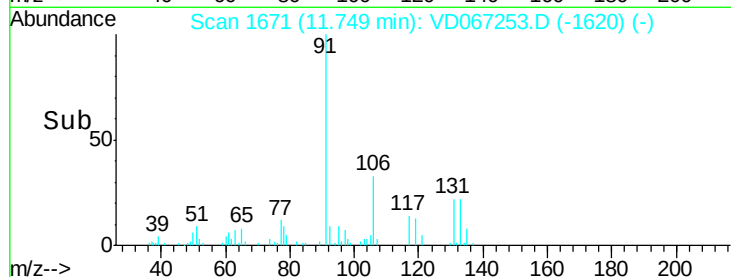
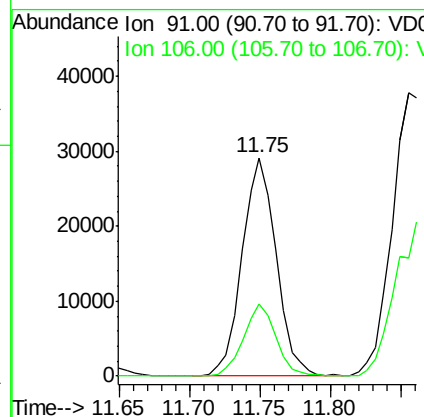
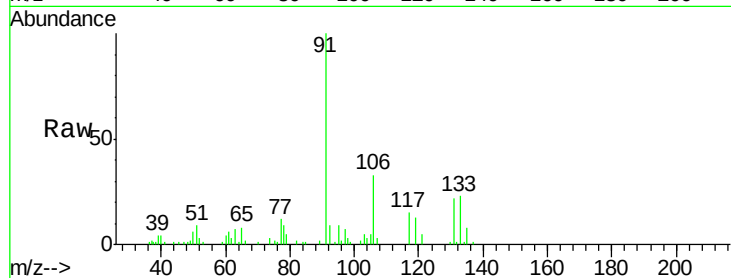
#67
Ethyl Benzene
Concen: 2.949 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	91.00	Resp	49200
Ion Ratio	Lower	Upper	
91	100		
106	33.1	25.4	38.0

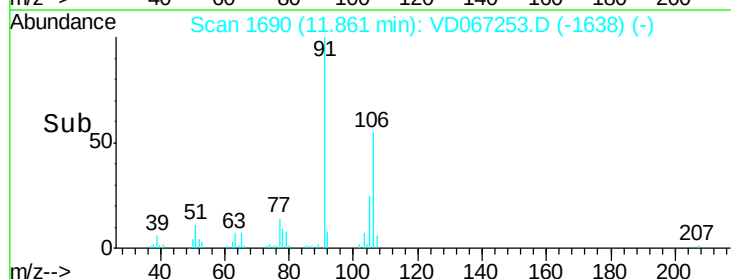
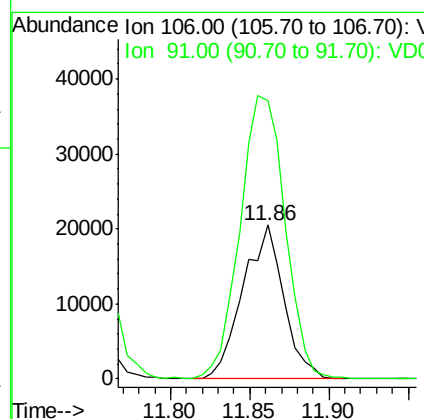
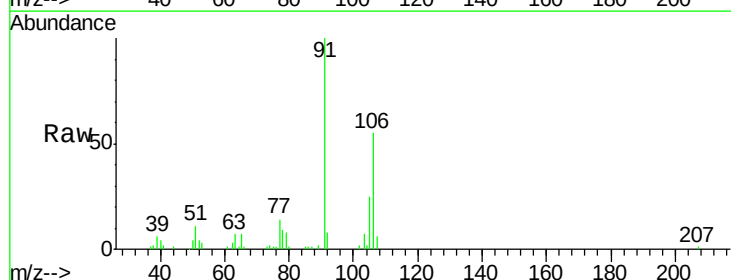
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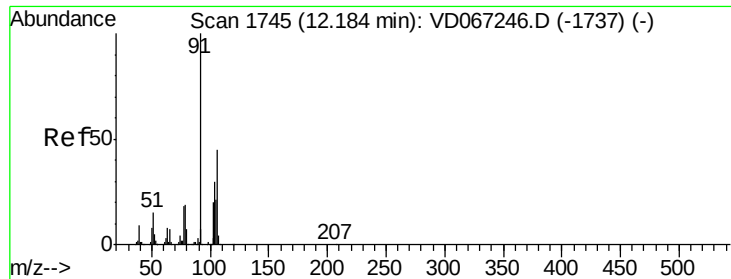
MMDadoda
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#68
m/p-Xylenes
Concen: 5.721 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	106	Resp	36753
Ion Ratio	Lower	Upper	
106	100		
91	202.8	163.8	245.8





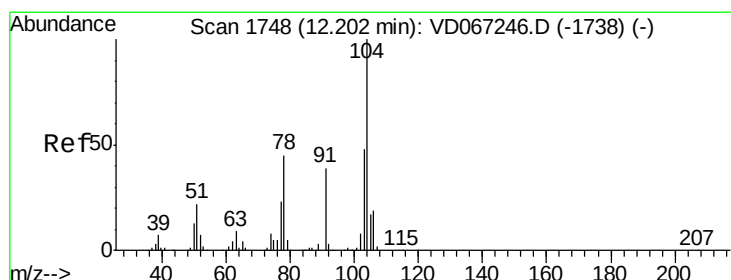
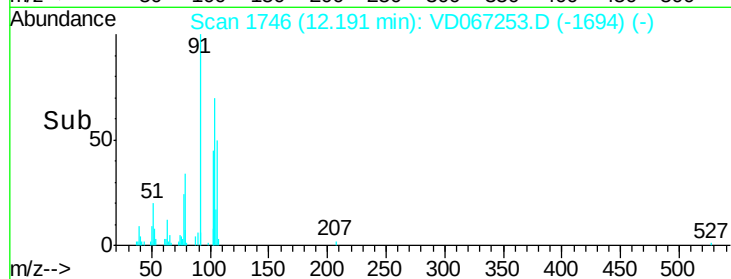
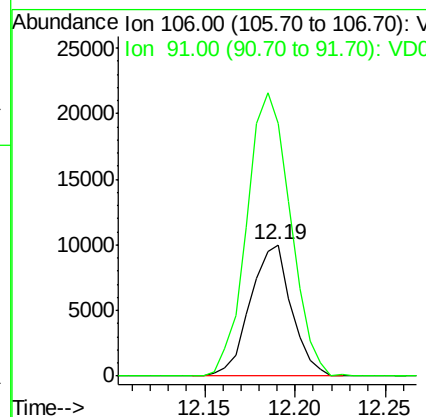
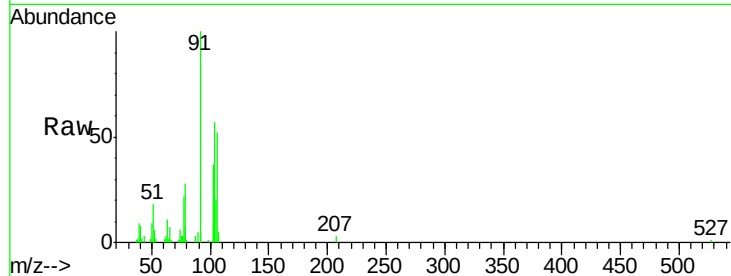
#69
o-Xylene
Concen: 2.650 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
VD1014

Tot Ion:106 Resp: 15767
Ion Ratio Lower Upper
106 100
91 228.9 109.1 327.3

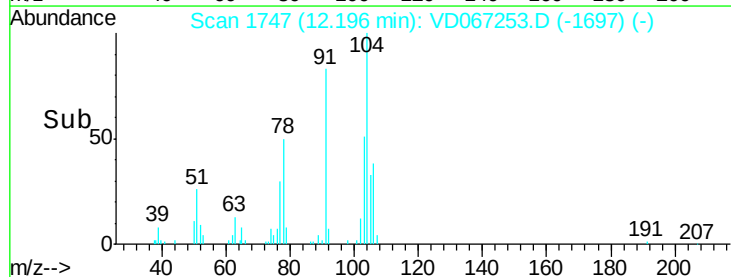
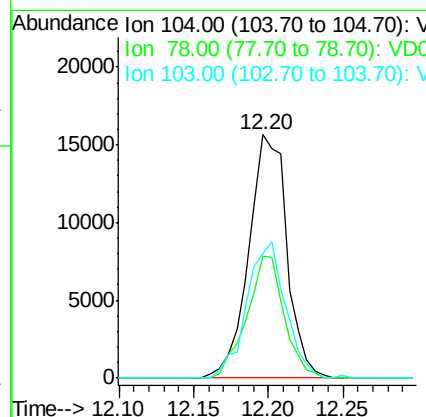
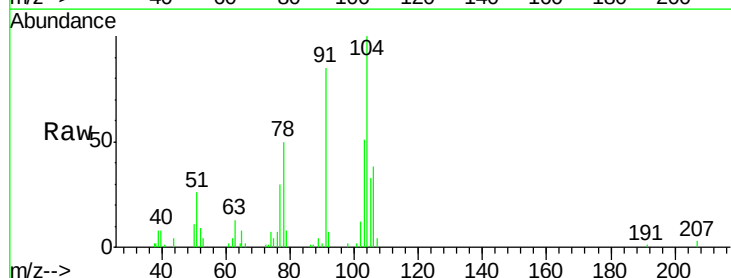
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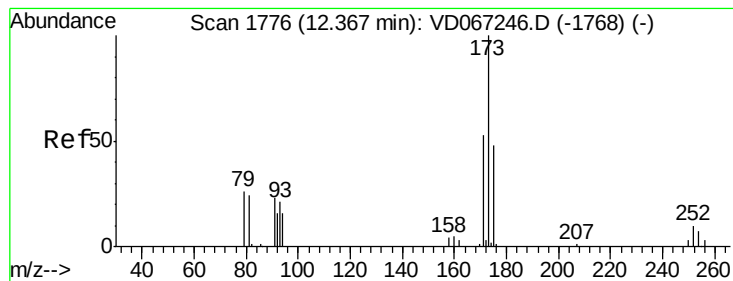
MMDadoda
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#70
Styrene
Concen: 2.689 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion:104 Resp: 27539
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.6
103 56.9 42.6 64.0





#71

Bromoform

Concen: 2.933 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

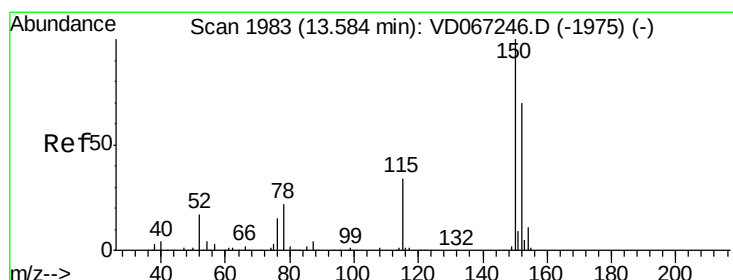
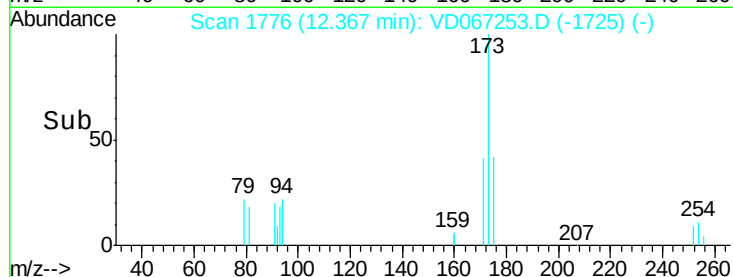
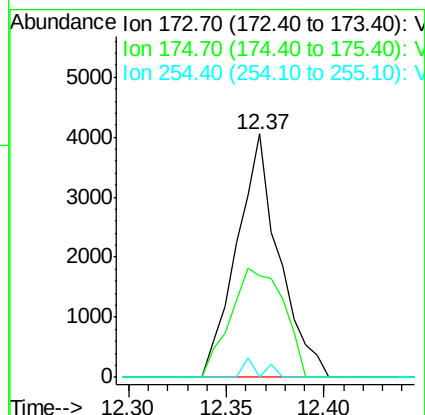
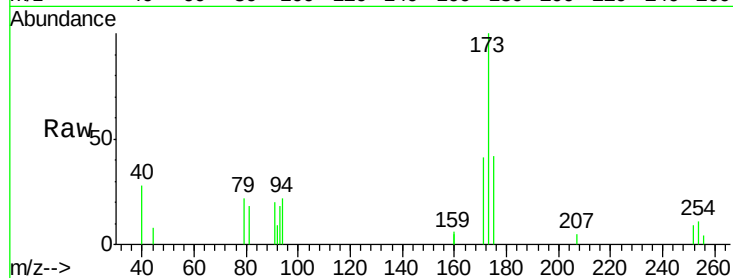
ClientSampled :

VD1014

Tot Ion:173 Resp: 6094
 Ion Ratio Lower Upper
 173 100
 175 56.3 24.2 72.6
 254 3.2 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

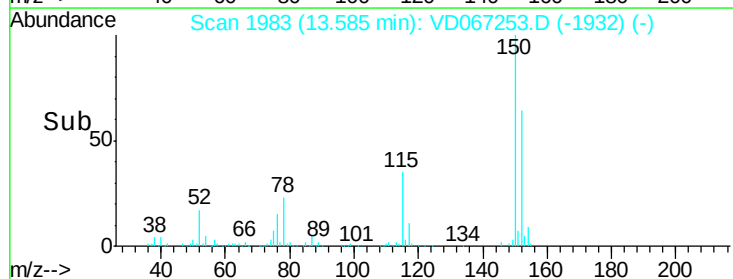
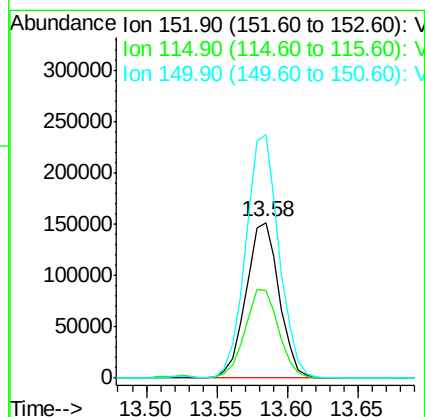
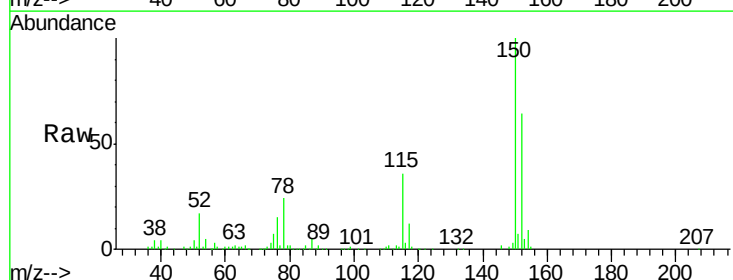
RT: 13.58 min Scan# 1983

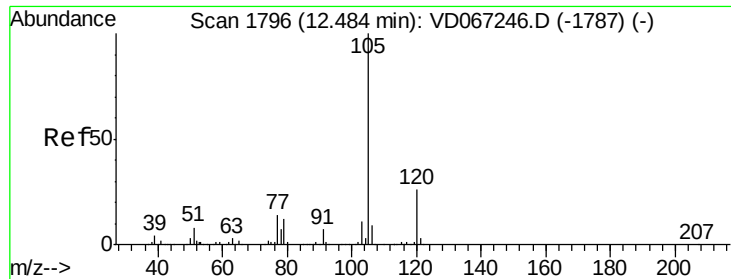
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:152 Resp: 250201
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.3 87.9
 150 156.1 0.0 339.0





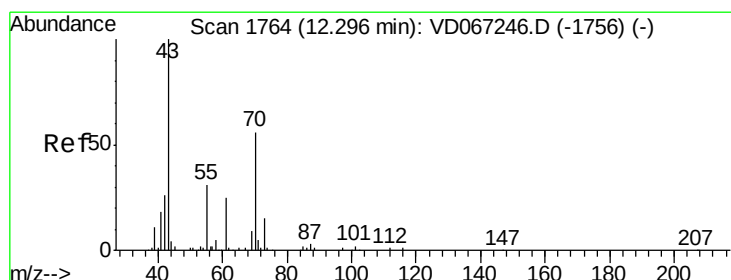
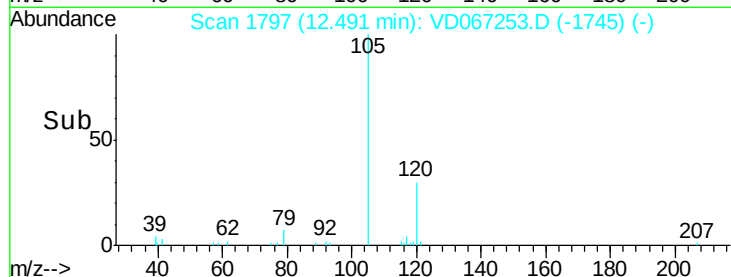
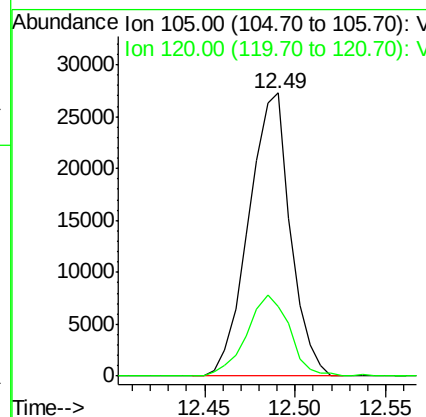
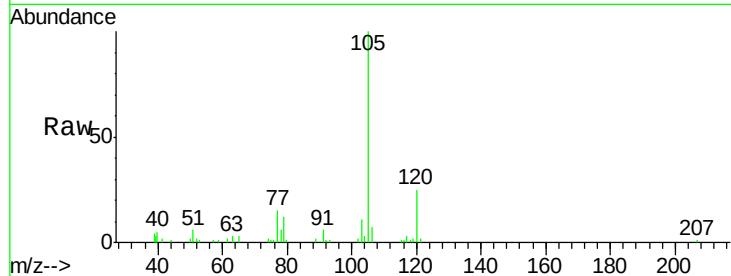
#73
Isopropylbenzene
Concen: 2.747 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Lower	Upper
105	100		
120	29.4	13.3	39.8

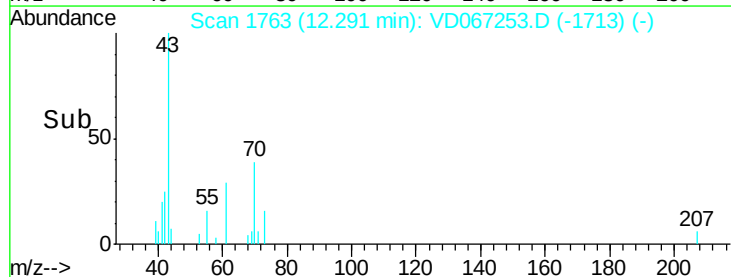
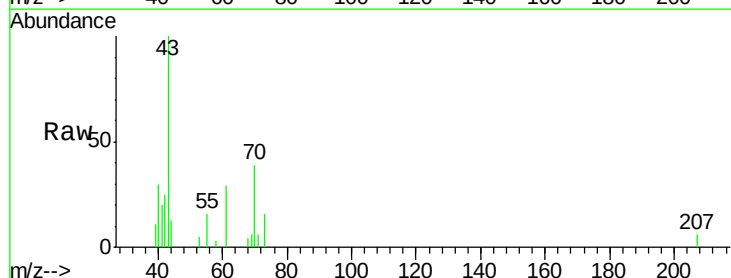
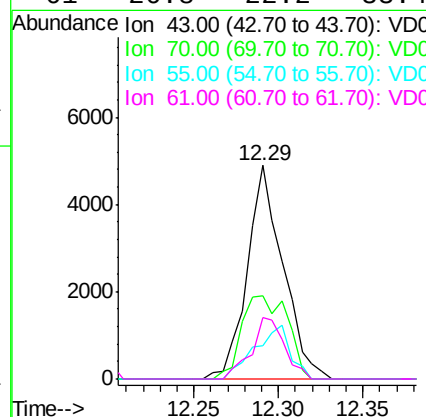
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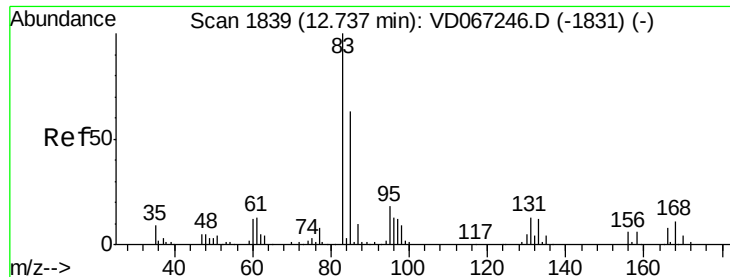
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#74
N-ethyl acetate
Concen: 3.014 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.4	42.7	64.1
55	24.9	24.0	36.0
61	26.8	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 3.451 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

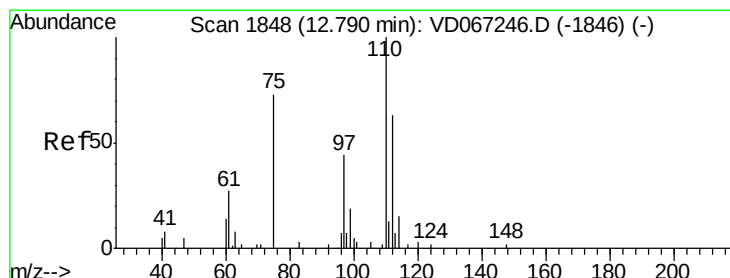
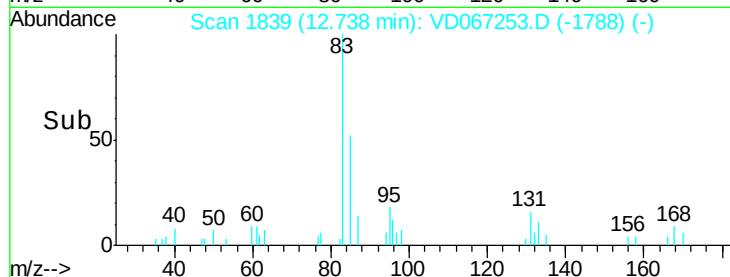
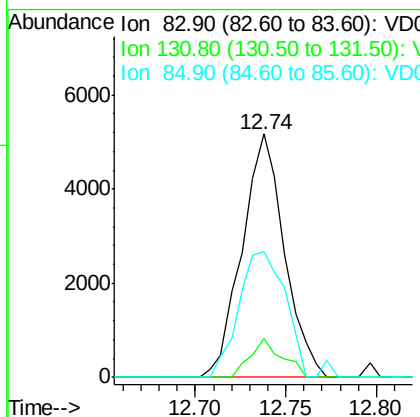
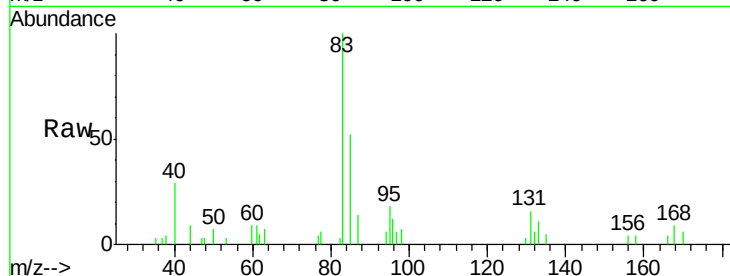
ClientSampleId :

VD1014

Tot Ion:	83	Resp:	8397
Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.5	19.5
85	56.5	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 3.586 ug/l m

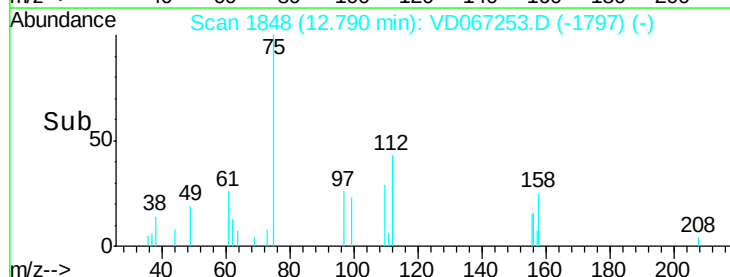
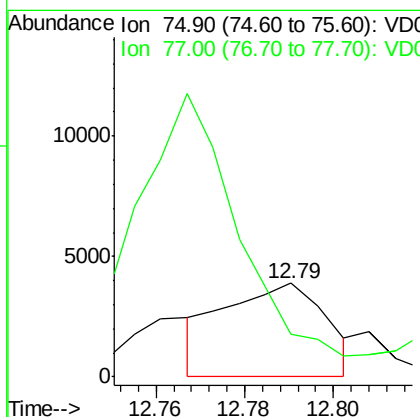
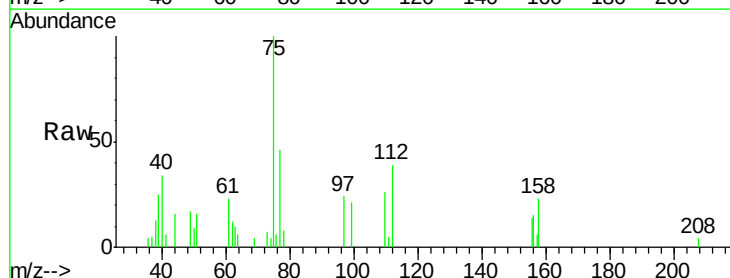
RT: 12.79 min Scan# 1848

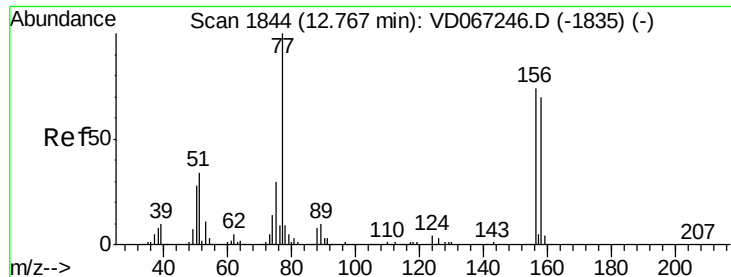
Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Tgt Ion:	75	Resp:	6218
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 3.296 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

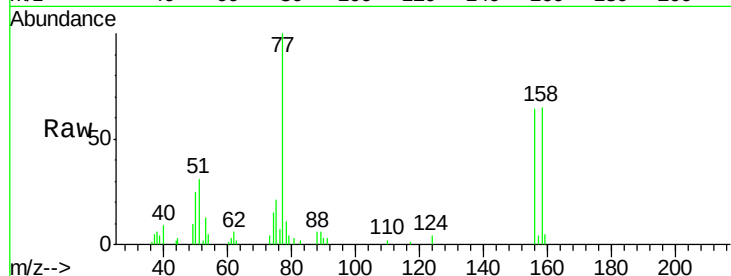
ClientSampleId :

VD1014

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	153.0	78.0	233.8	
158	99.1	49.1	147.3	

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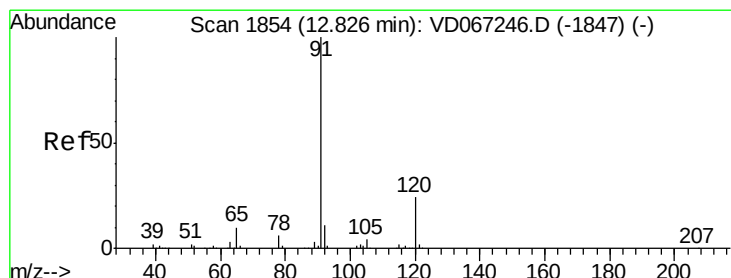
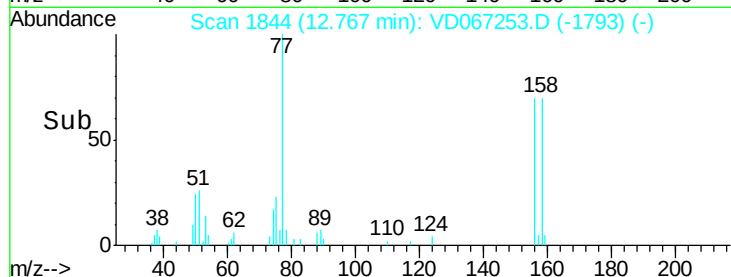
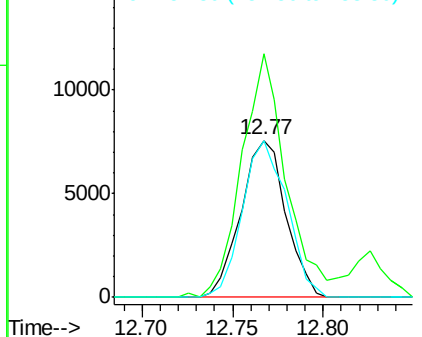
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.100 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

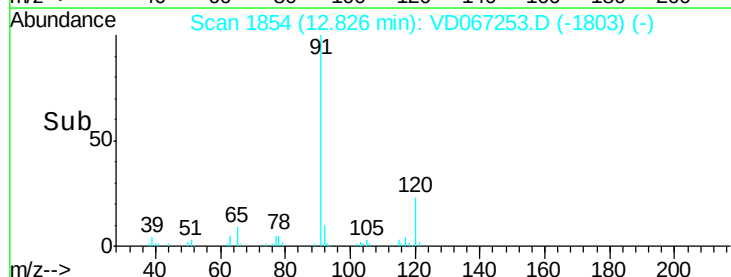
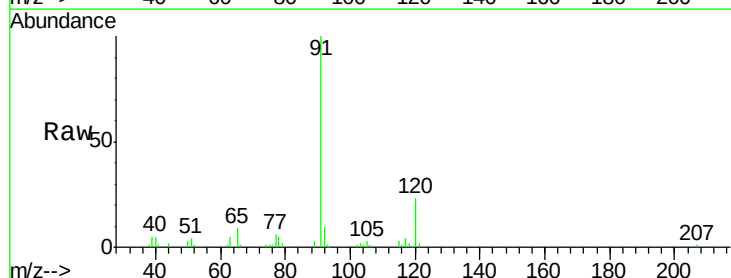
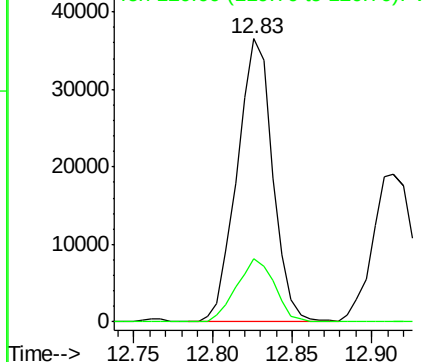
Lab File: VD067253.D

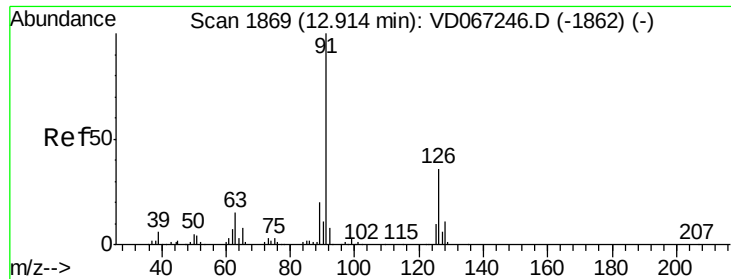
Acq: 13 Oct 2020 15:42

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	11.9	35.9	

Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.192 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067253.D

Acq: 13 Oct 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD1014

Tot Ion: 91 Resp: 34060

Ion Ratio Lower Upper

91 100

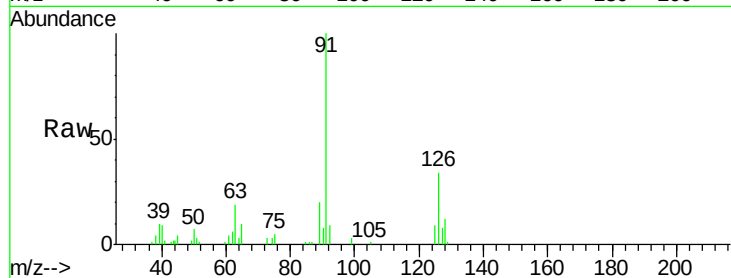
126 33.8 17.6 52.8

Manual Integrations

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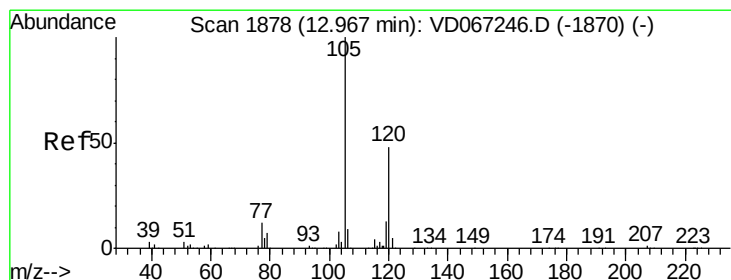
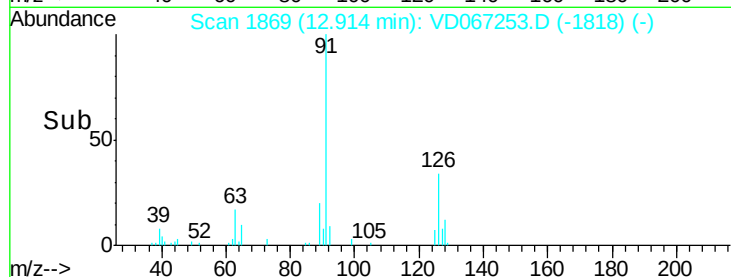
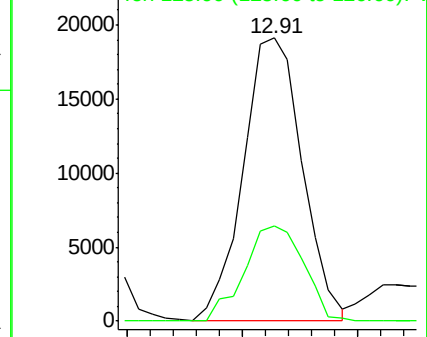
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.871 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067253.D

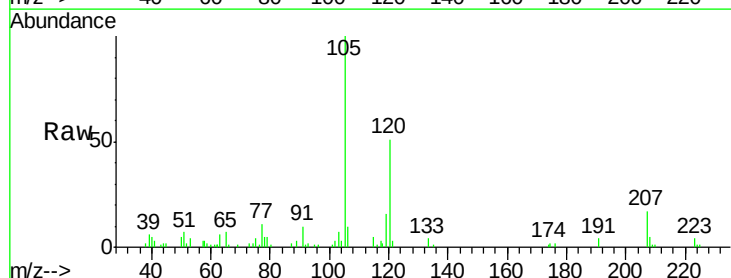
Acq: 13 Oct 2020 15:42

Tgt Ion:105 Resp: 39614

Ion Ratio Lower Upper

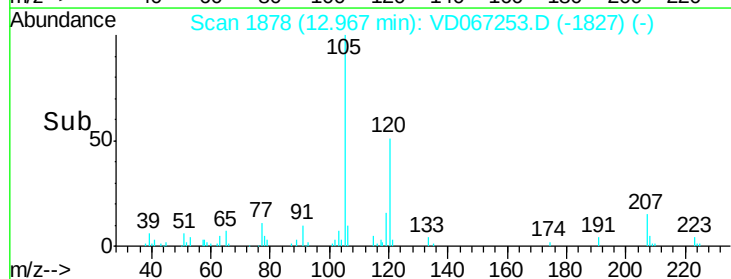
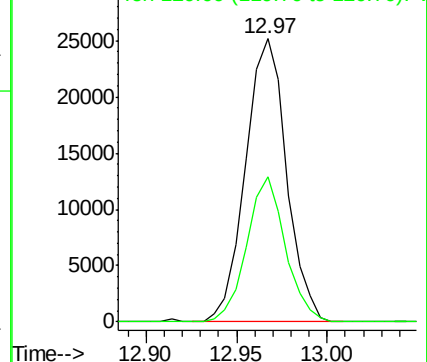
105 100

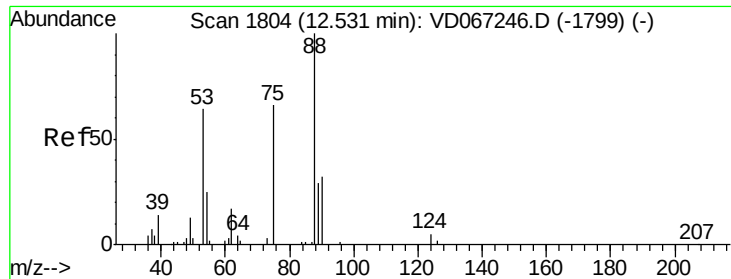
120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





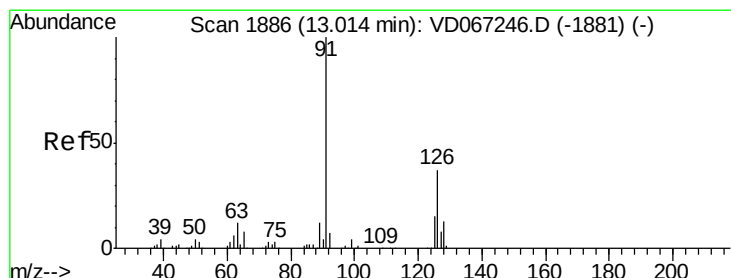
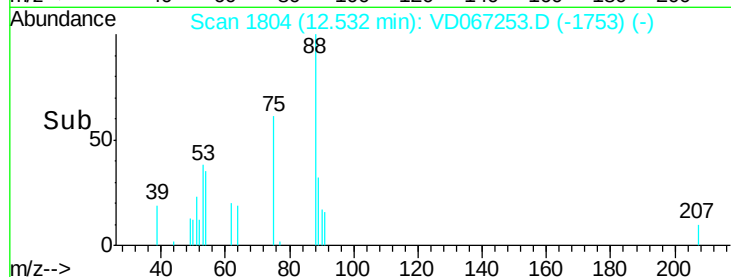
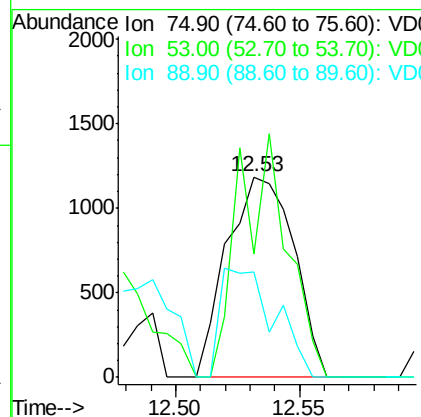
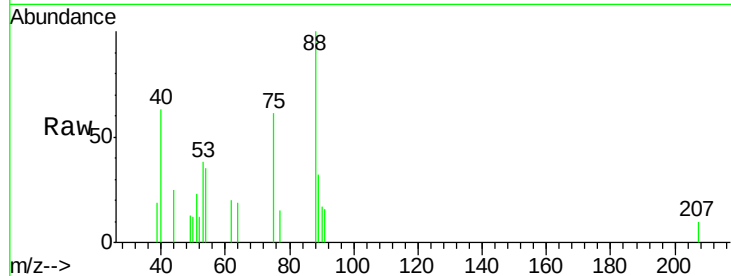
#81
trans-1,4-Dichloro-2-butene
Concen: 2.915 ug/l m
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	13.1	39.9	59.9#

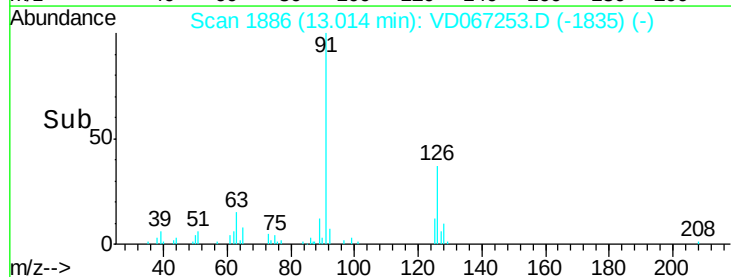
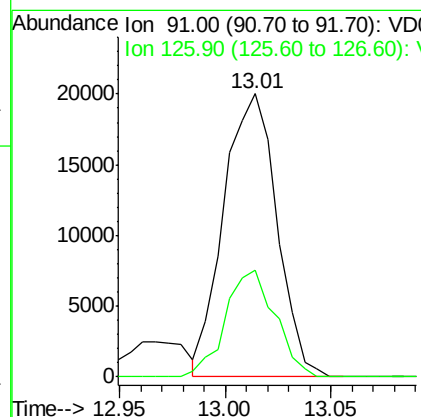
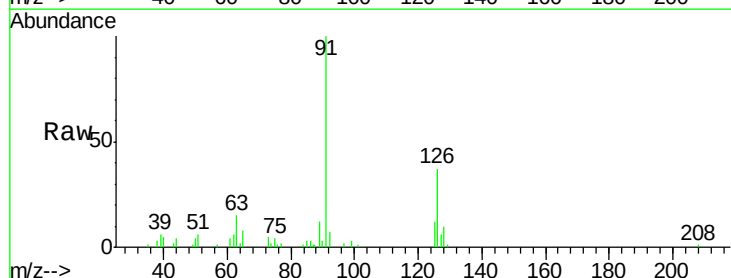
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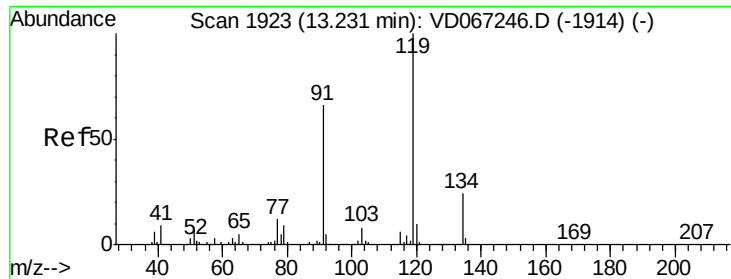
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#82
4-Chlorotoluene
Concen: 3.076 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.5





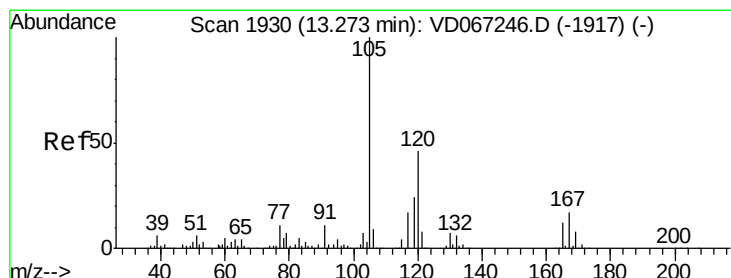
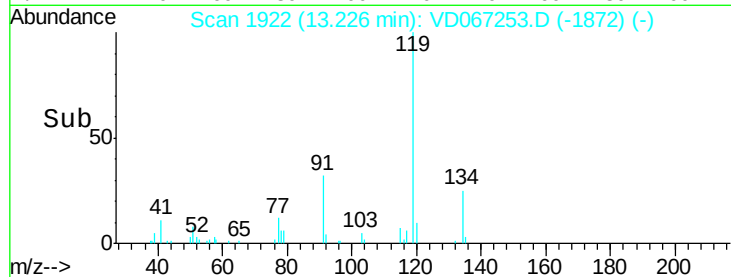
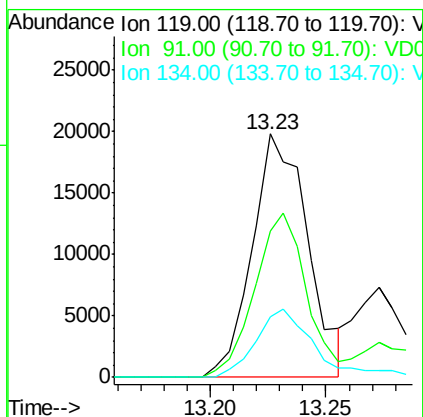
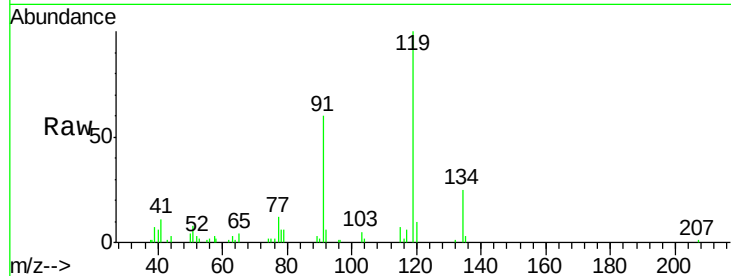
#83
 tert-Butylbenzene
 Concen: 2.839 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	33.1	99.2
134	29.6	13.3	39.9

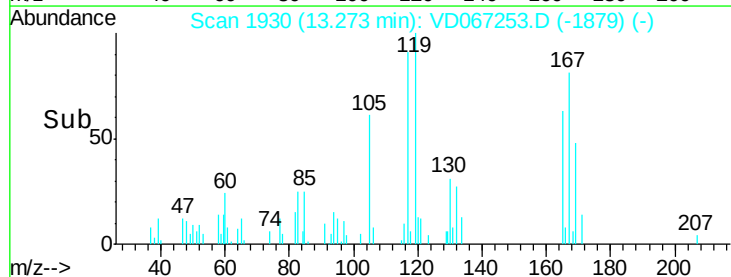
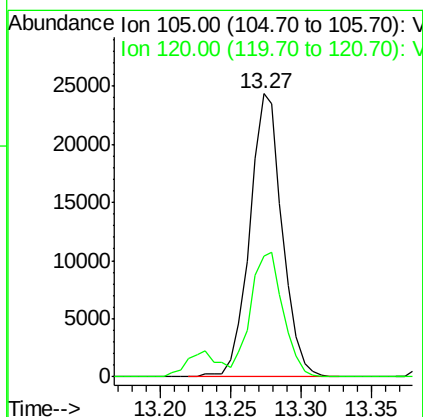
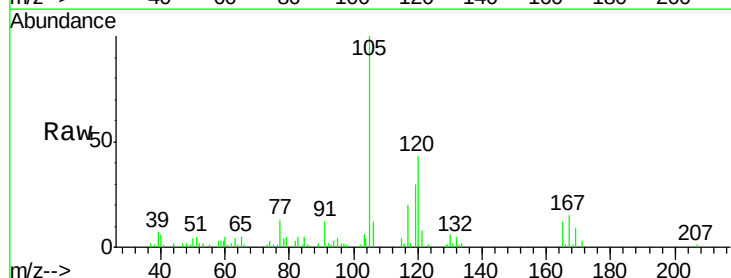
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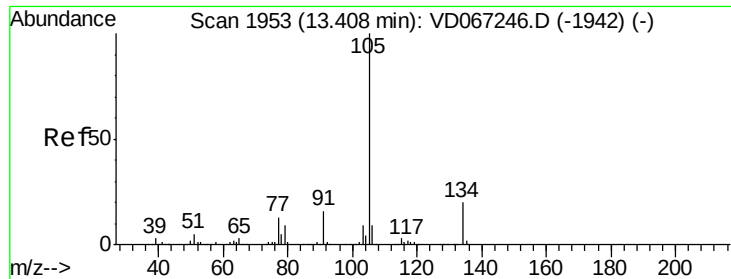
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 10/14/2020 2:10:24 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 2.883 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.3





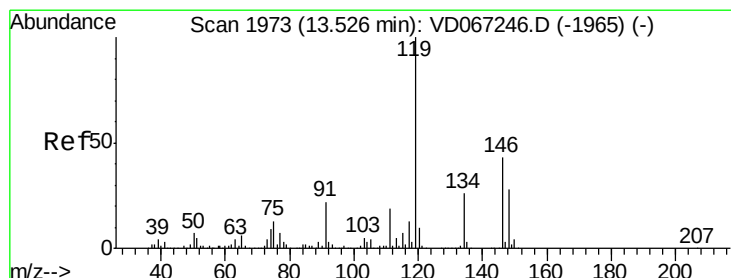
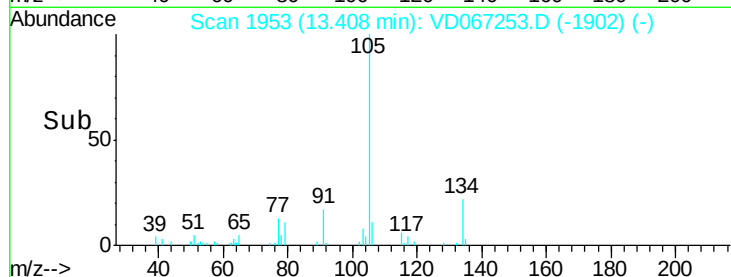
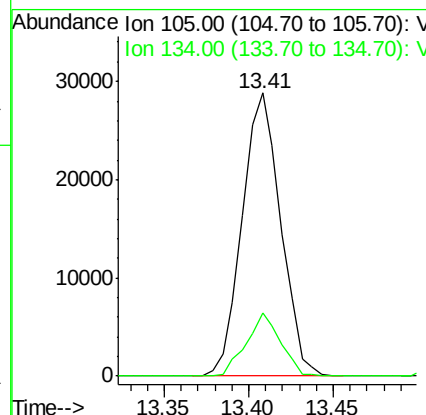
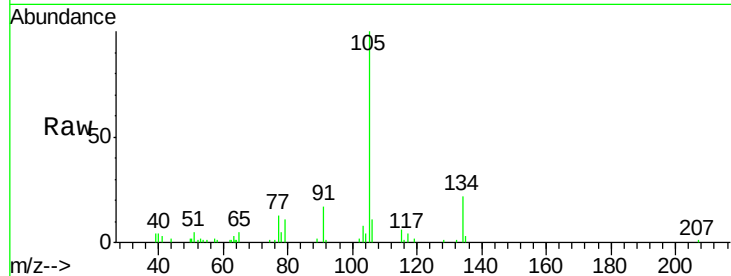
#85
 sec-Butylbenzene
 Concen: 2.861 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.5	31.5

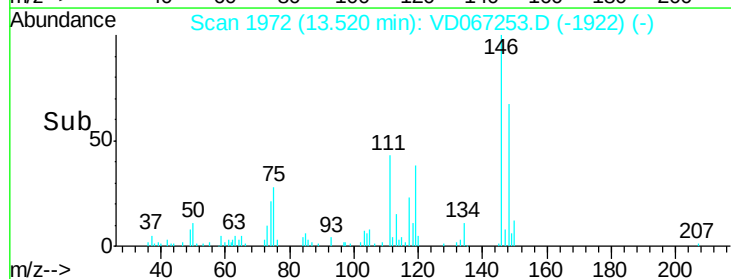
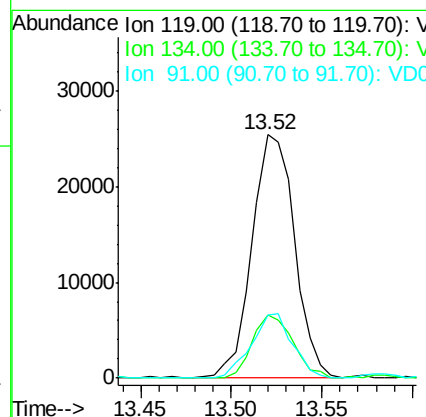
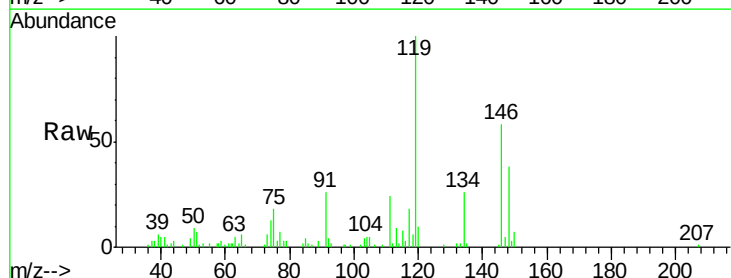
Manual Integrations
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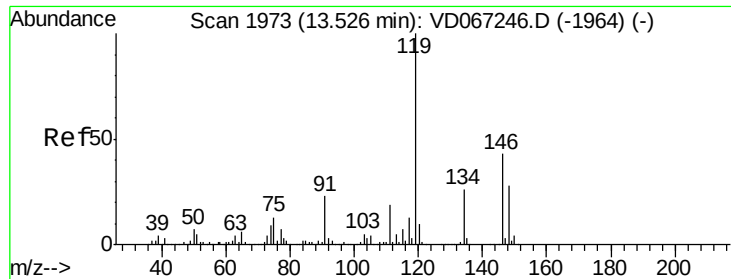
MMDadoda
 10/14/2020 2:10:24 PM



#86
 p-Isopropyltoluene
 Concen: 2.763 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	13.1	39.3
91	25.5	11.9	35.9





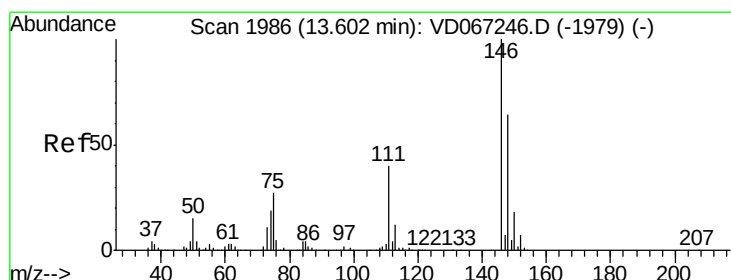
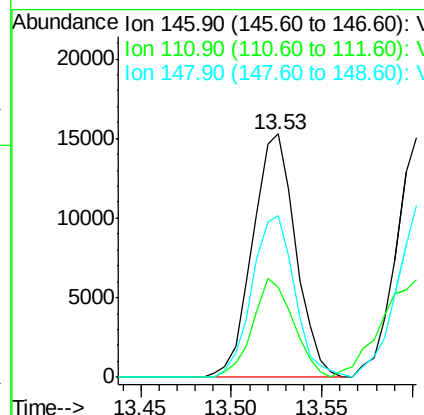
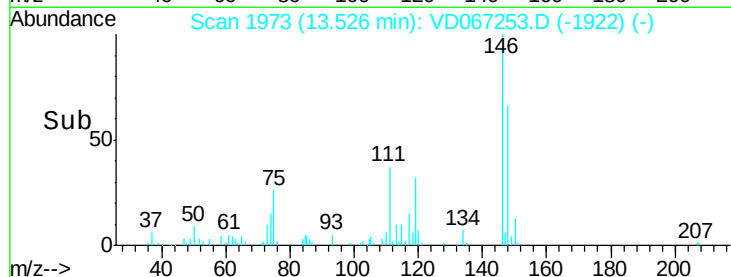
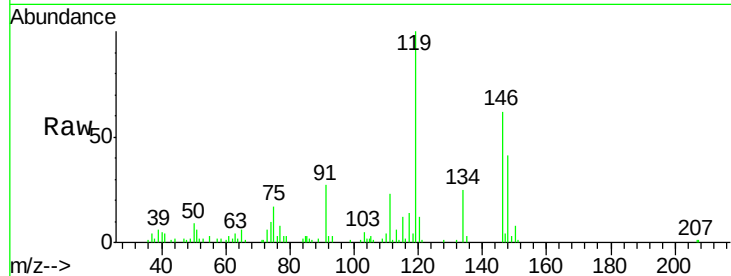
#87
 1,3-Dichlorobenzene
 Concen: 3.317 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampled :
 VD1014

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	21.1	63.3
148	65.7	31.9	95.9

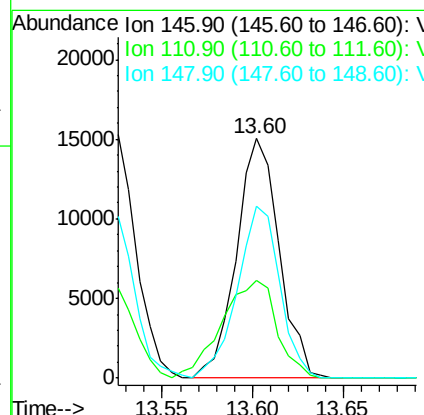
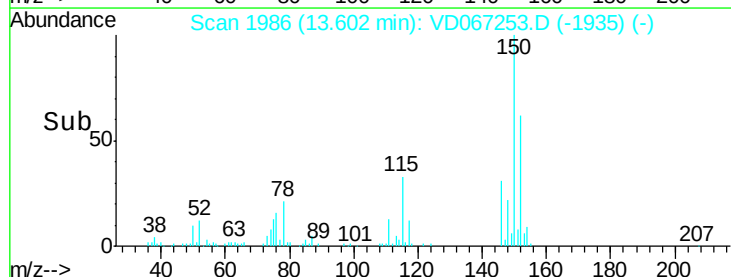
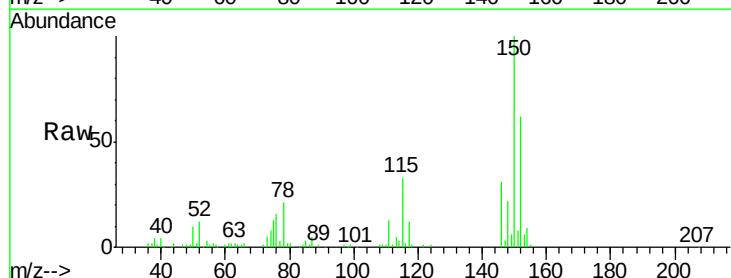
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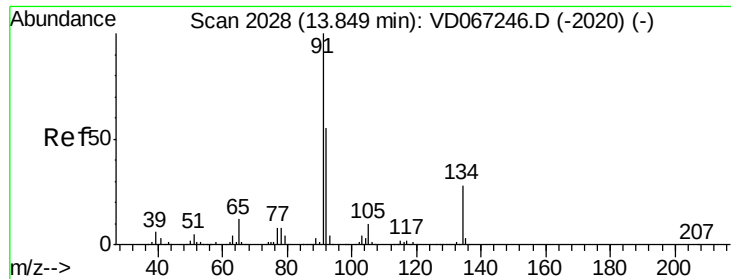
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 10/14/2020 2:10:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 3.270 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.3	19.9	59.7
148	71.0	31.9	95.9





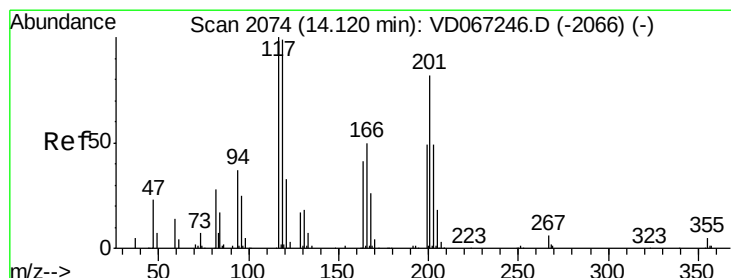
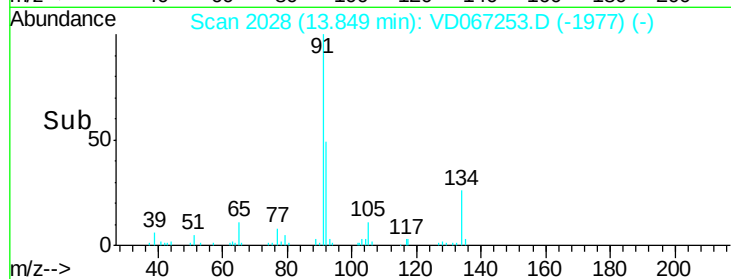
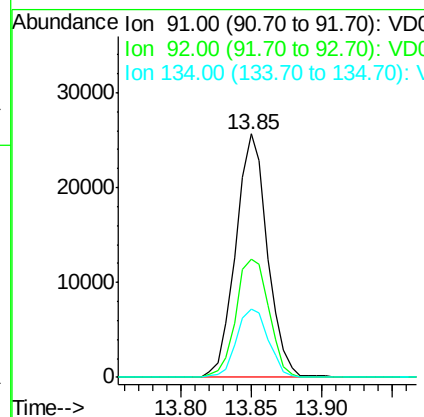
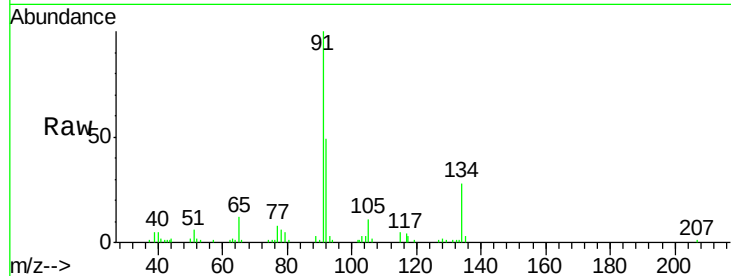
#89
n-Butylbenzene
Concen: 3.019 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.7	80.0
134	28.0	14.2	42.6

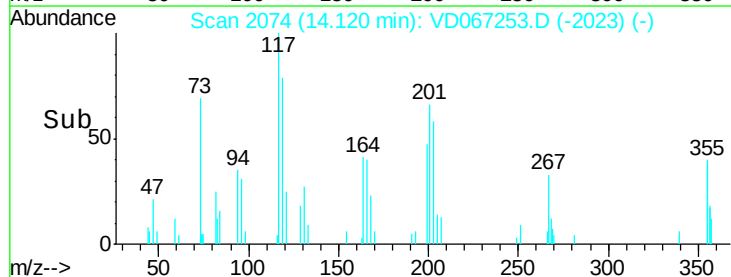
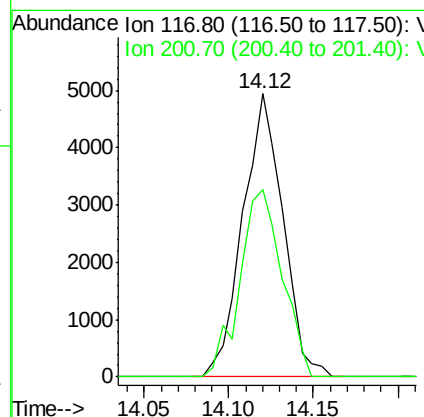
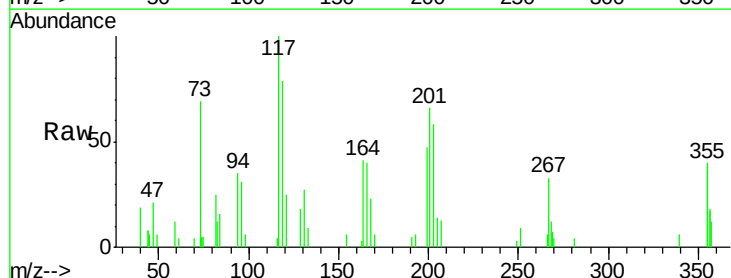
Manual Integrations
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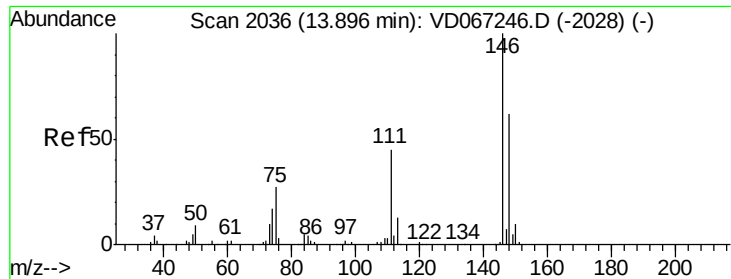
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#90
Hexachloroethane
Concen: 3.109 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	40.8	122.2





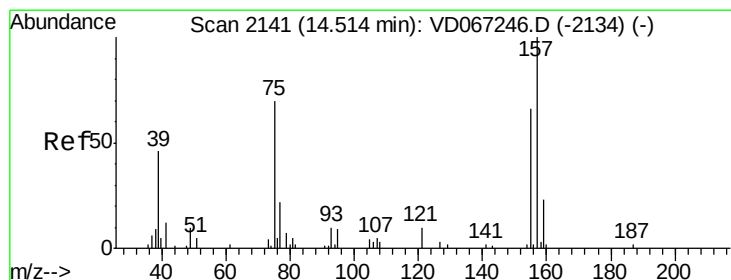
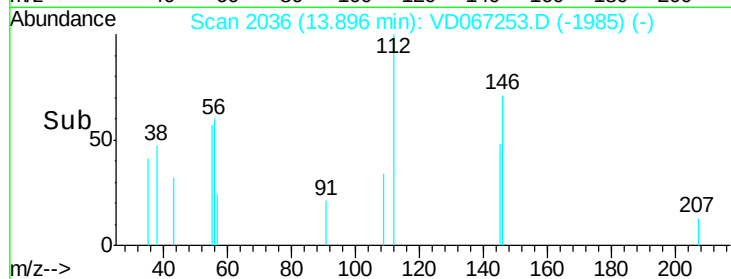
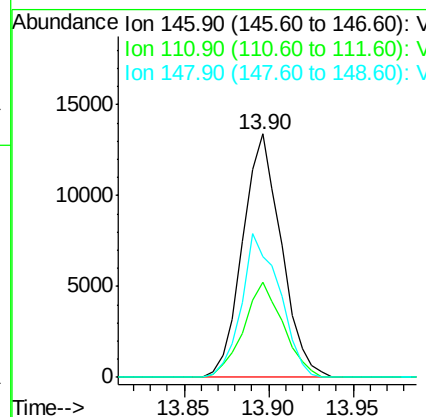
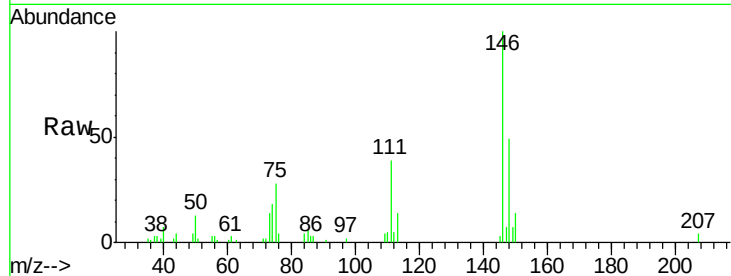
#91
 1,2-Dichlorobenzene
 Concen: 3.215 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	22.0	66.0
148	57.9	32.5	97.5

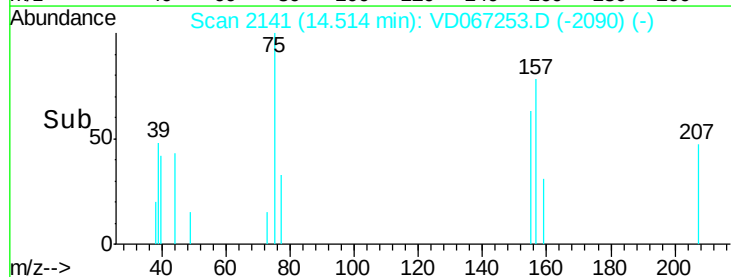
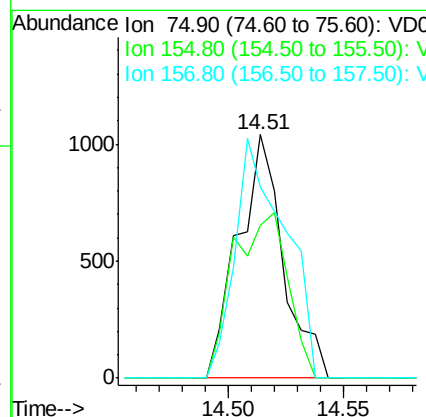
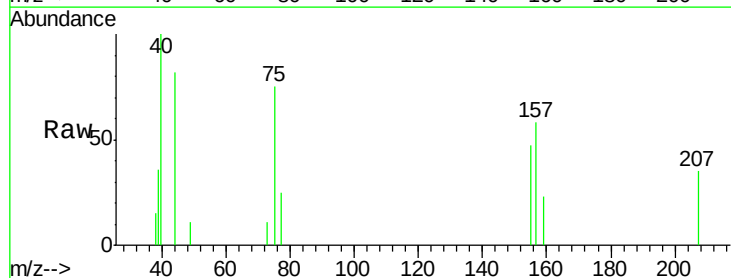
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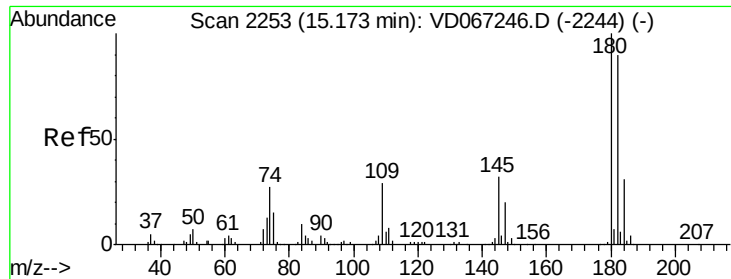
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 10/14/2020 2:10:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.197 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	44.8	134.4
157	108.4	62.5	187.4





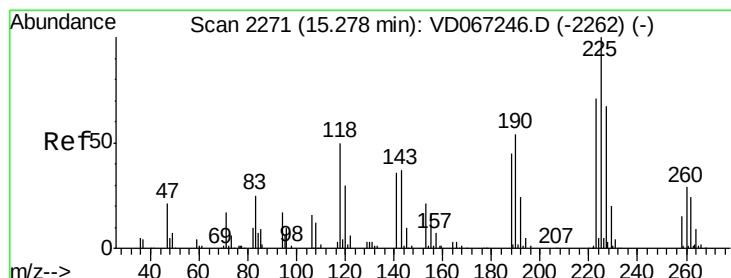
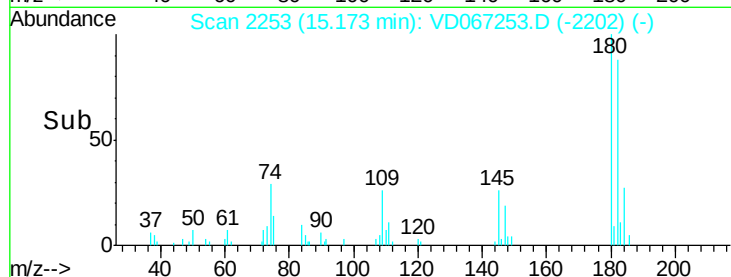
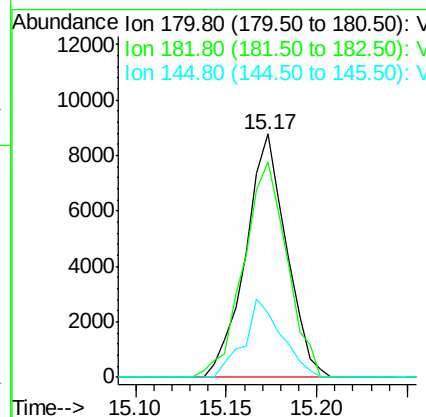
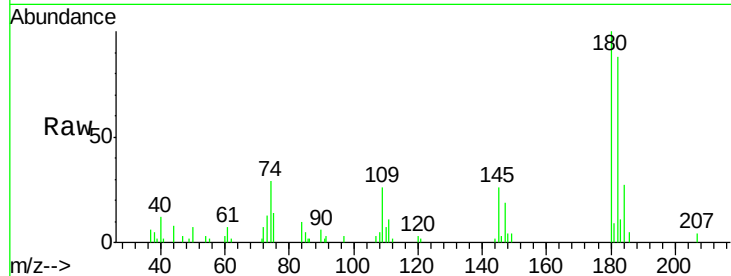
#93
 1,2,4-Trichlorobenzene
 Concen: 3.065 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.4
145	29.7	16.3	48.9

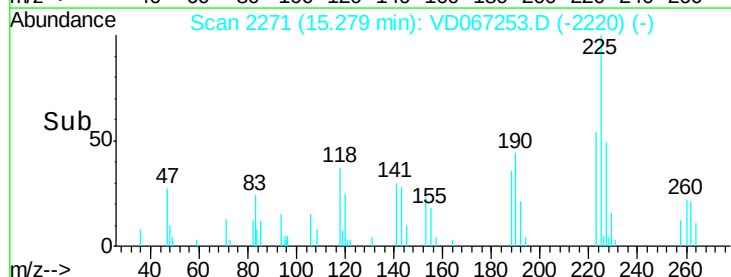
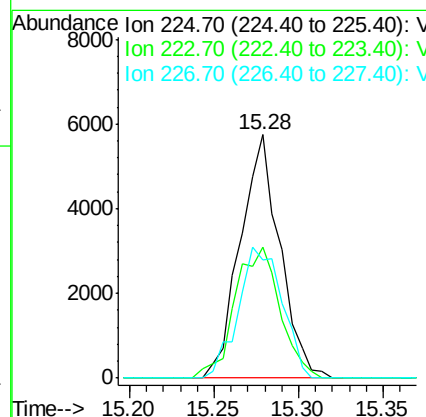
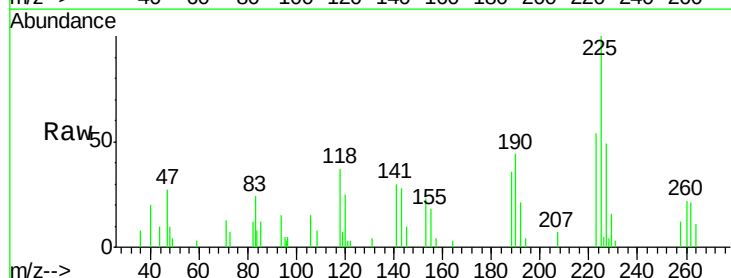
Manual Integrations
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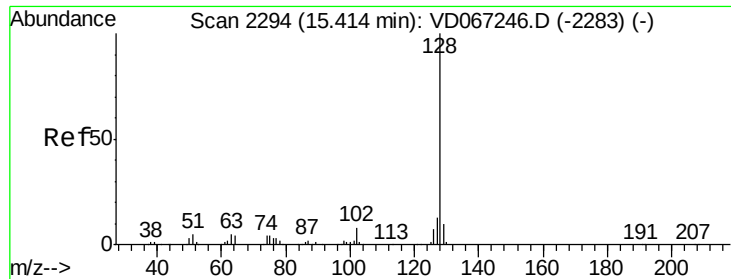
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#94
 Hexachlorobutadiene
 Concen: 3.376 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067253.D
 Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.9	95.7
227	59.2	31.2	93.6





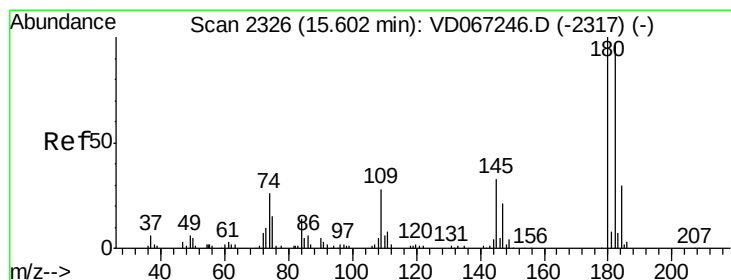
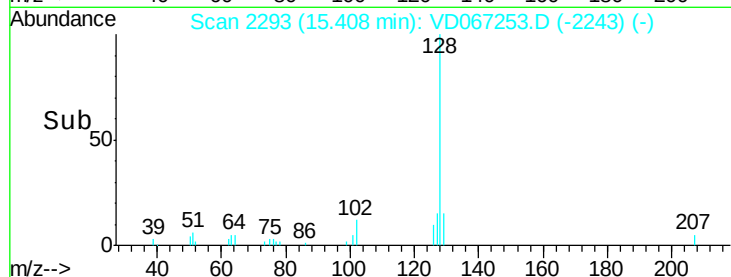
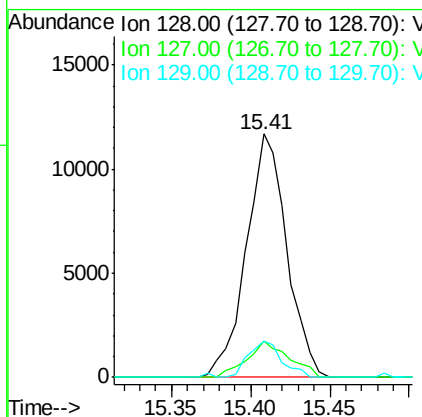
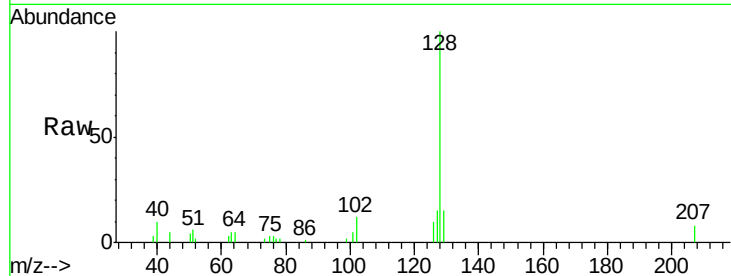
#95
Naphthalene
Concen: 2.813 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Instrument :
MSVOA_D
ClientSampleId :
VD1014

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.4	15.6
129	12.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:10:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.169 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD067253.D
Acq: 13 Oct 2020 15:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	48.1	144.3
145	34.9	17.3	51.9

