

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067475.D
 Acq On : 30 Oct 2020 16:37
 Operator : VA/SY
 Sample : L4560-04MS
 Misc : 5.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Manual Integrations
 APPROVED

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 11/2/2020 4:09:33 PM

Quant Time: Oct 31 06:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	255700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	397502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	371042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	183980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	133822	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.92	113	142075	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.34	98	493383	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.64	95	172535	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	88555	42.488	ug/l	96
3) Chloromethane	2.21	50	68851	42.785	ug/l	99
4) Vinyl Chloride	2.35	62	79275	44.898	ug/l	96
5) Bromomethane	2.77	94	67322	55.027	ug/l	96
6) Chloroethane	2.93	64	53762	48.891	ug/l	91
7) Trichlorofluoromethane	3.27	101	226920	51.037	ug/l	94
8) Diethyl Ether	3.71	74	54628	53.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	118576	50.197	ug/l	99
10) Methyl Iodide	4.30	142	132009	60.581	ug/l	99
11) Tert butyl alcohol	5.22	59	29643	216.449	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	110770	52.489	ug/l	97
13) Acrolein	3.92	56	28013	188.776	ug/l	98
14) Allyl chloride	4.71	41	127167	52.620	ug/l	98
15) Acrylonitrile	5.42	53	97838	288.202	ug/l	97
16) Acetone	4.16	43	110549	308.133	ug/l	93
17) Carbon Disulfide	4.41	76	262022	43.553	ug/l	98
18) Methyl Acetate	4.72	43	52386	64.017	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	239314	57.031	ug/l	100
20) Methylene Chloride	4.97	84	150827	67.173	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	129750	53.427	ug/l	96
22) Diisopropyl ether	6.36	45	259317	58.738	ug/l	97
23) Vinyl Acetate	6.31	43	643194	256.082	ug/l	99
24) 1,1-Dichloroethane	6.27	63	208149	55.079	ug/l	98
25) 2-Butanone	7.21	43	115587	282.635	ug/l	93
26) 2,2-Dichloropropane	7.21	77	209822	53.866	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	151727	57.006	ug/l	100
28) Bromochloromethane	7.56	49	72592	56.316	ug/l	96
29) Tetrahydrofuran	7.57	42	62047	272.933	ug/l	91
30) Chloroform	7.71	83	263983	58.474	ug/l	97
31) Cyclohexane	7.99	56	136369	46.218	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	250455	56.543	ug/l	99
36) 1,1-Dichloropropene	8.11	75	174231	51.714	ug/l	98
37) Ethyl Acetate	7.30	43	52976	53.444	ug/l #	93
38) Carbon Tetrachloride	8.10	117	234210	54.391	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	173038	49.129	ug/l	99
40) Benzene	8.36	78	502428	54.359	ug/l	96
41) Methacrylonitrile	7.53	41	35430	66.143	ug/l #	78
42) 1,2-Dichloroethane	8.43	62	161969	55.996	ug/l	100
43) Isopropyl Acetate	8.46	43	103473	52.607	ug/l	99
44) Trichloroethene	9.12	130	160506	54.238	ug/l	95
45) 1,2-Dichloropropane	9.39	63	117638	54.918	ug/l	98
46) Dibromomethane	9.48	93	70789	53.040	ug/l	98
47) Bromodichloromethane	9.67	83	204480	57.185	ug/l	94
48) Methyl methacrylate	9.46	41	55402	57.961	ug/l	92
49) 1,4-Dioxane	9.47	88	14471	1124.203	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	263311	268.404	ug/l	99
52) Toluene	10.41	92	345773	54.926	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	174734	55.628	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	205051	55.780	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	103432	56.833	ug/l	95
56) Ethyl methacrylate	10.67	69	104341	55.281	ug/l	98
57) 1,3-Dichloropropane	10.95	76	162855	56.229	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	267719	276.491	ug/l	99
59) 2-Hexanone	10.99	43	185167	276.218	ug/l	97
60) Dibromochloromethane	11.14	129	147468	55.562	ug/l	100
61) 1,2-Dibromoethane	11.25	107	98362	54.822	ug/l	99
64) Tetrachloroethene	10.88	164	146559	54.517	ug/l	95
65) Chlorobenzene	11.67	112	390805	54.926	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	161928	57.261	ug/l	99
67) Ethyl Benzene	11.75	91	668771	54.832	ug/l	100
68) m/p-Xylenes	11.86	106	518657	110.429	ug/l	98
69) o-Xylene	12.18	106	242035	55.650	ug/l	95
70) Styrene	12.20	104	419383	56.015	ug/l	99
71) Bromoform	12.37	173	82116	54.052	ug/l #	99
73) Isopropylbenzene	12.48	105	671004	57.466	ug/l	99
74) N-amyl acetate	12.29	43	87257	49.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	94911	53.049	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	72616m	56.947	ug/l	
77) Bromobenzene	12.77	156	165576	56.878	ug/l	99
78) n-propylbenzene	12.83	91	745434	55.100	ug/l	99
79) 2-Chlorotoluene	12.91	91	439961	56.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	573777	56.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31136	55.371	ug/l	95
82) 4-Chlorotoluene	13.01	91	464950	55.837	ug/l	99
83) tert-Butylbenzene	13.23	119	497919	58.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	572861	57.121	ug/l	98
85) sec-Butylbenzene	13.41	105	650620	55.320	ug/l	100
86) p-Isopropyltoluene	13.52	119	617483	55.625	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	306935	54.779	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	307011	55.304	ug/l	99
89) n-Butylbenzene	13.85	91	522604	53.513	ug/l	100
90) Hexachloroethane	14.11	117	106222	54.834	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	271589	55.484	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18718	57.588	ug/l	97

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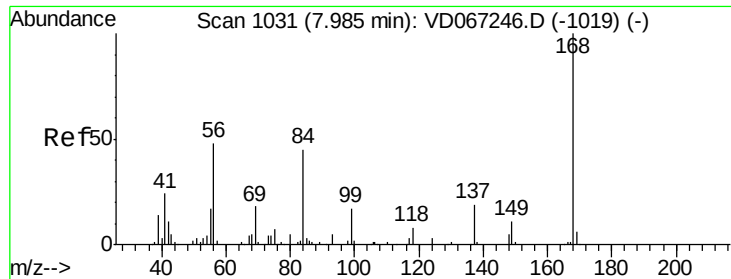
Manual Integrations
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11/2/2020 4:09:33 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	183882	55.718	ug/l	97
94) Hexachlorobutadiene	15.27	225	108254	52.822	ug/l	98
95) Naphthalene	15.41	128	311101	57.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	158956	55.752	ug/l	98

(#) = 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: VD067475.D

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Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion:168 Resp: 255700

Ion Ratio Lower Upper

168 100

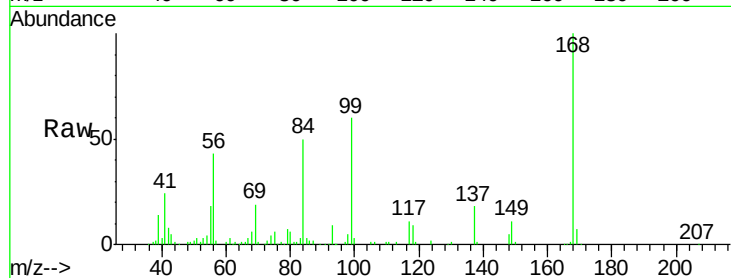
99 59.3 45.9 68.9

Manual Integrations

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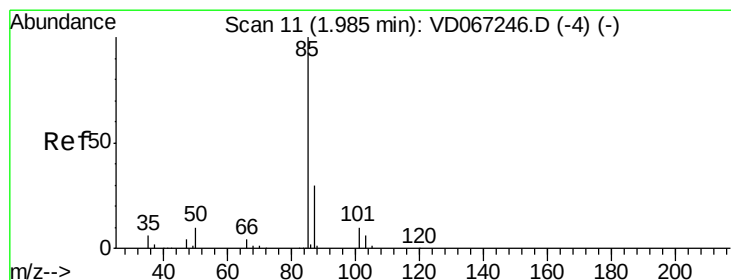
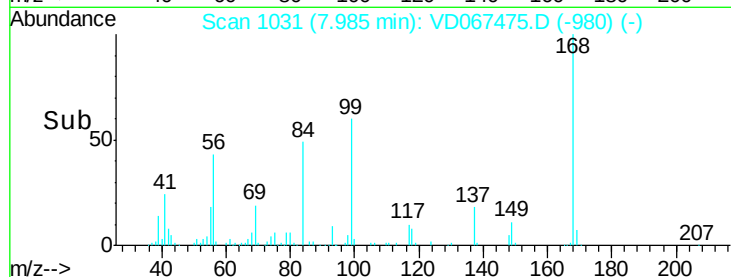
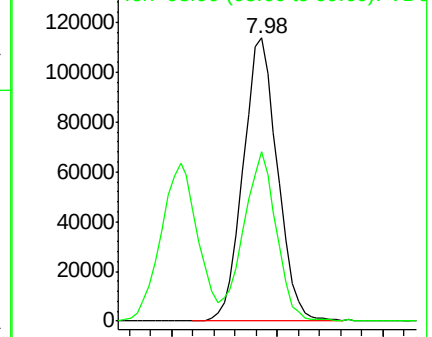
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.488 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067475.D

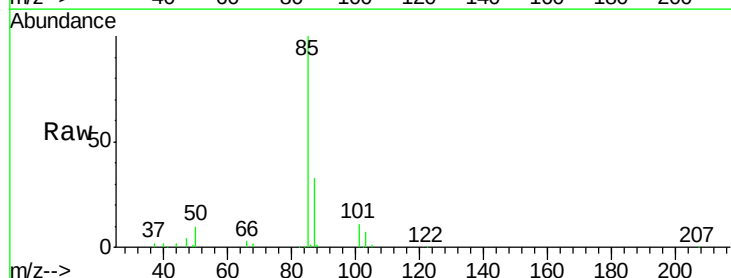
Acq: 30 Oct 2020 16:37

Tgt Ion: 85 Resp: 88555

Ion Ratio Lower Upper

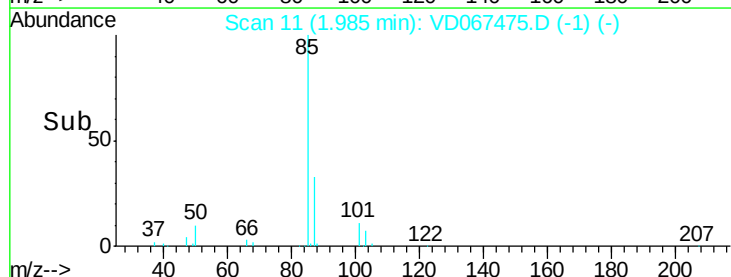
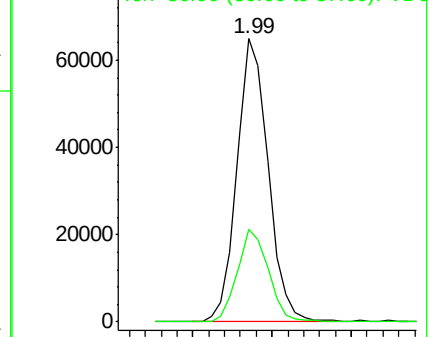
85 100

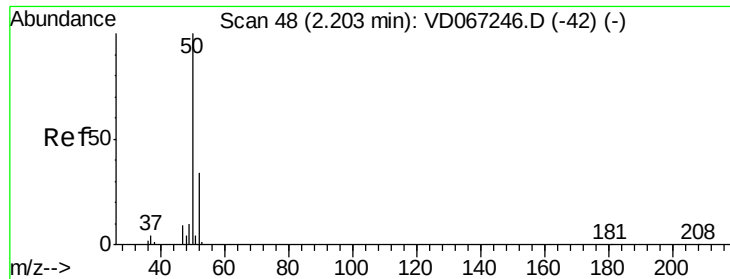
87 32.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.785 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 50 Resp: 68851

Ion Ratio Lower Upper

50 100

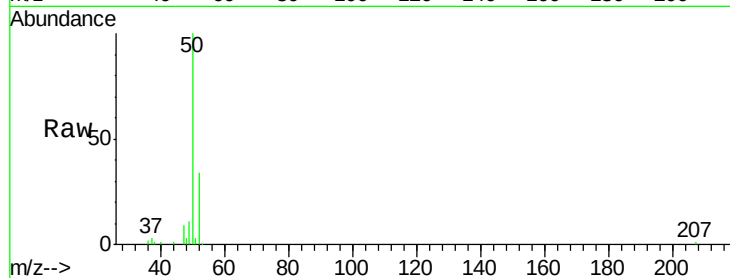
52 34.4 27.1 40.7

Manual Integrations

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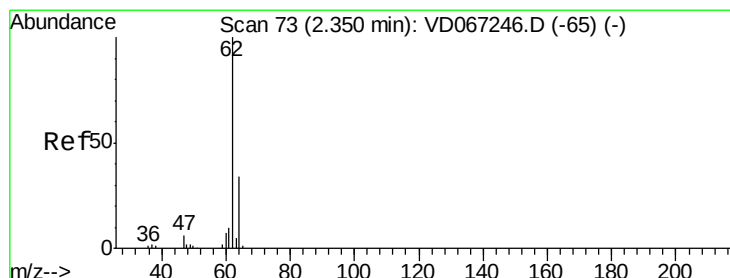
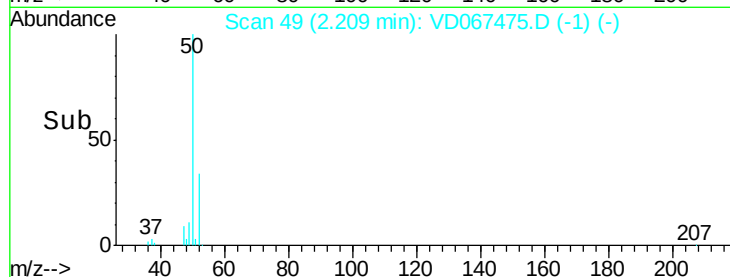
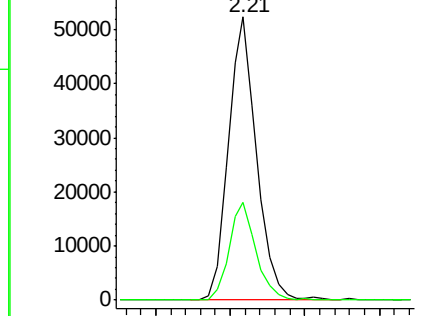
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.898 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067475.D

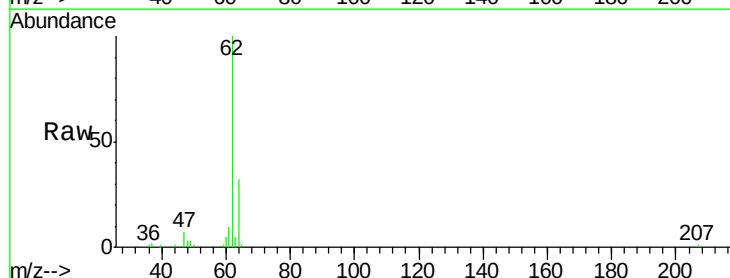
Acq: 30 Oct 2020 16:37

Tgt Ion: 62 Resp: 79275

Ion Ratio Lower Upper

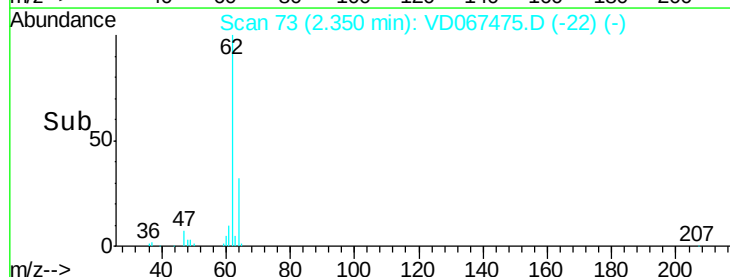
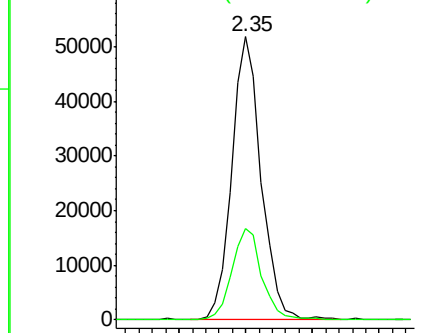
62 100

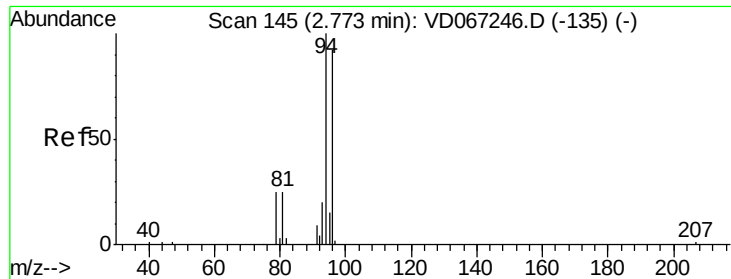
64 32.1 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 55.027 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 67322

Ion Ratio Lower Upper

94 100

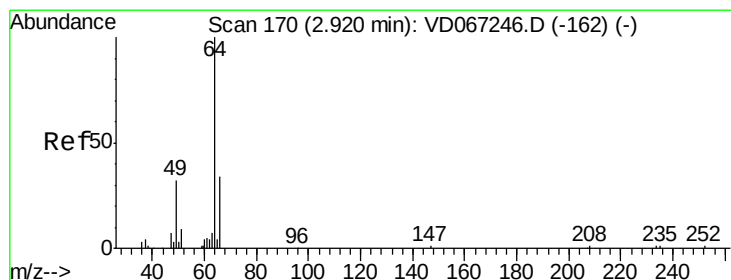
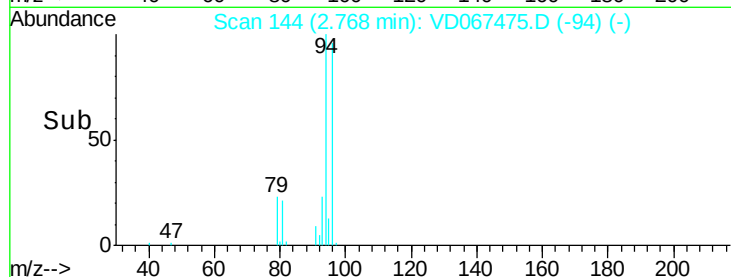
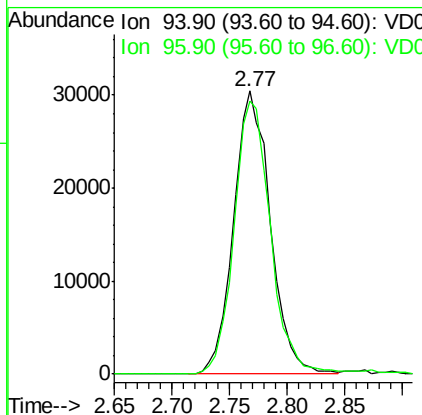
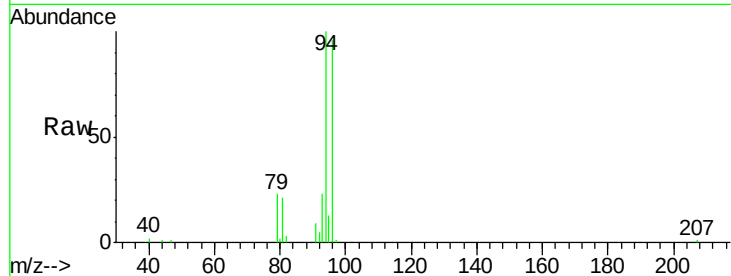
96 96.3 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 48.891 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067475.D

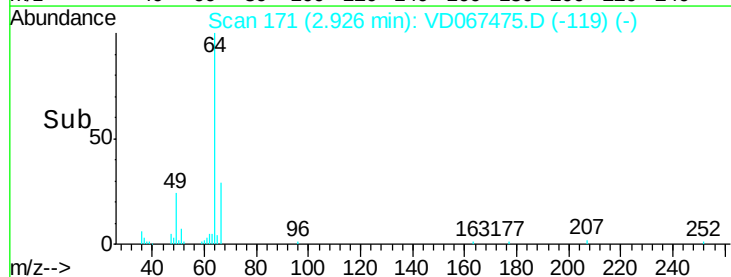
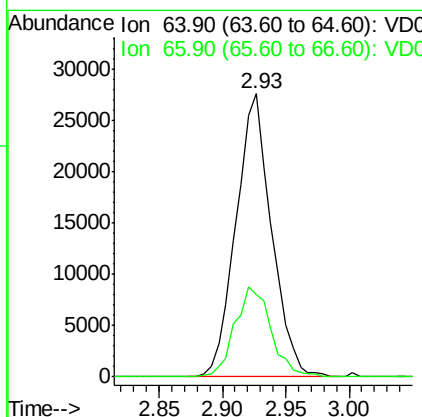
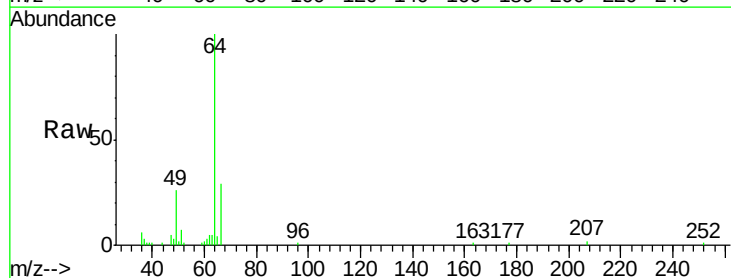
Acq: 30 Oct 2020 16:37

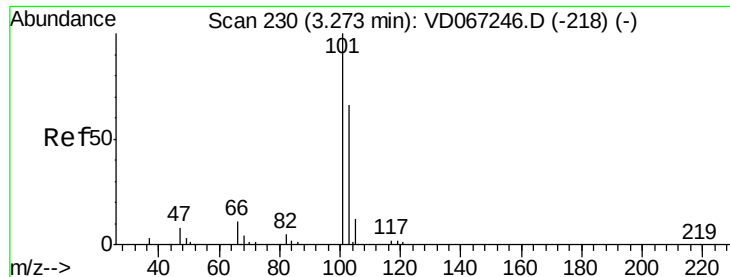
Tgt Ion: 64 Resp: 53762

Ion Ratio Lower Upper

64 100

66 29.0 27.4 41.0





#7

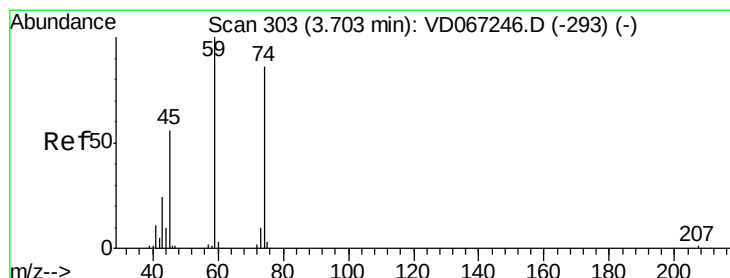
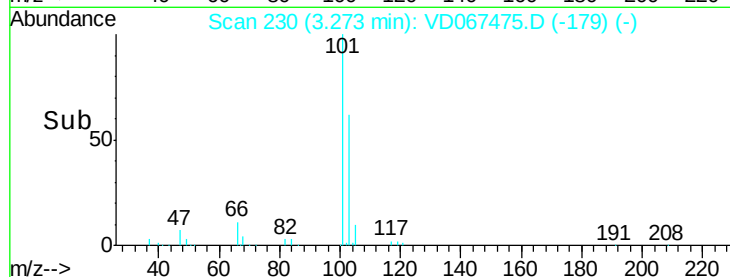
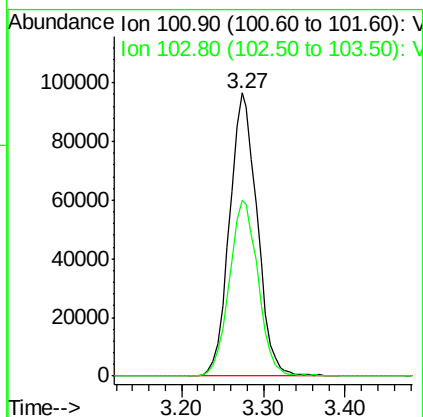
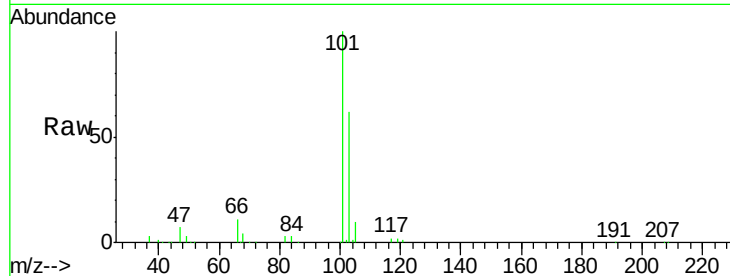
Trichlorofluoromethane
Concen: 51.037 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	226920		
103	62.0	53.1	79.7	

Manual Integrations
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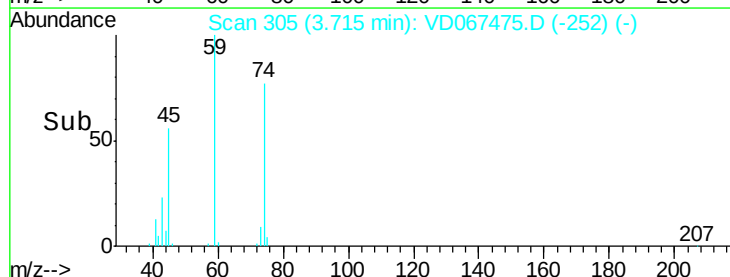
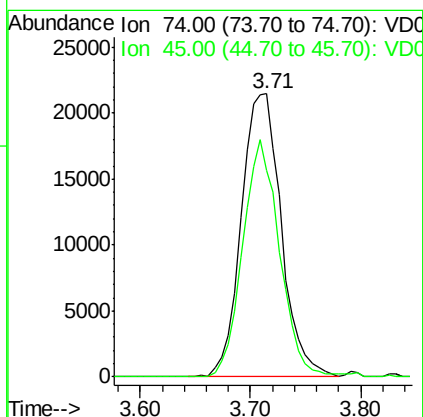
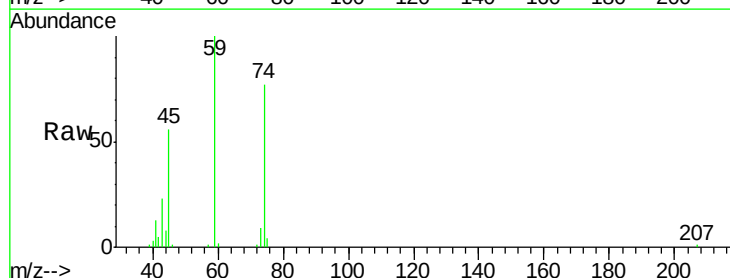
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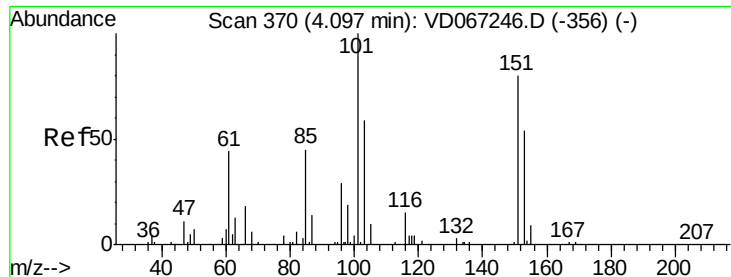


#8

Diethyl Ether
Concen: 53.694 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54628		
45	77.0	37.0	111.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.197 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

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MSVOA_D

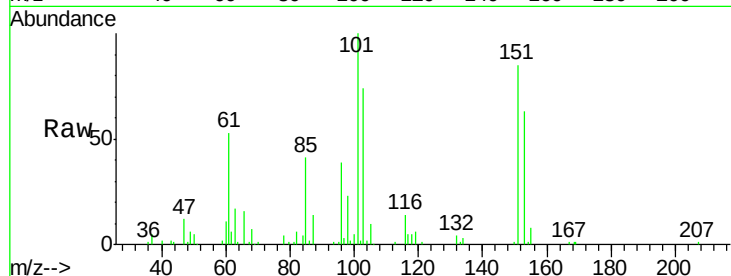
ClientSampleId :

B308-B309-LOC2-SO-0003MS

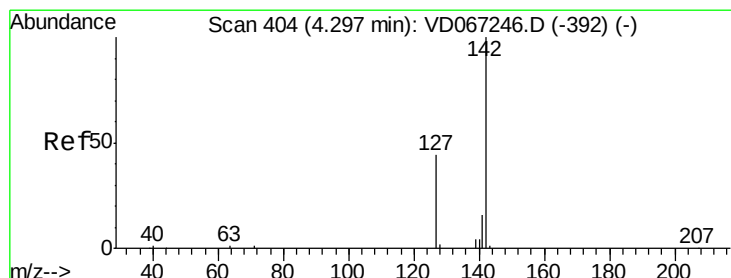
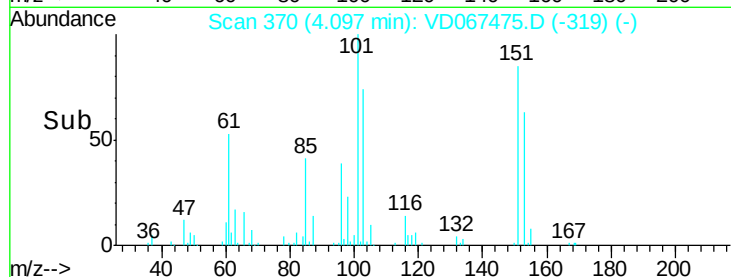
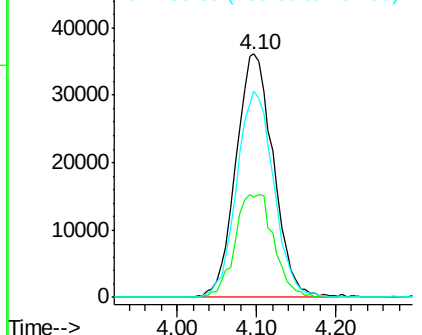
Tot Ion:	101	Resp:	118576
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.4
151	83.6	66.3	99.5

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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



#10

Methyl Iodide

Concen: 60.581 ug/l

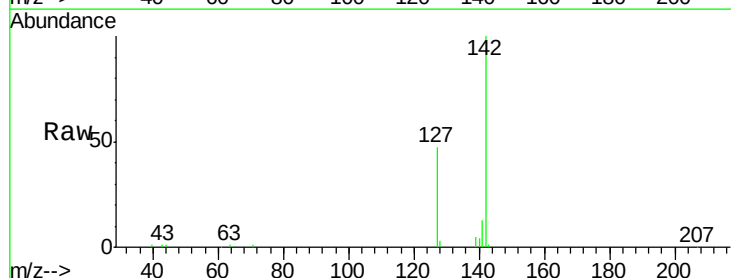
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

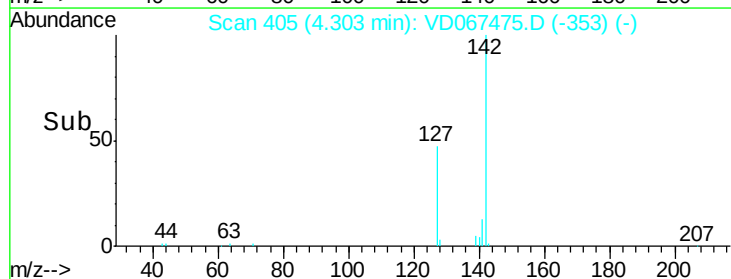
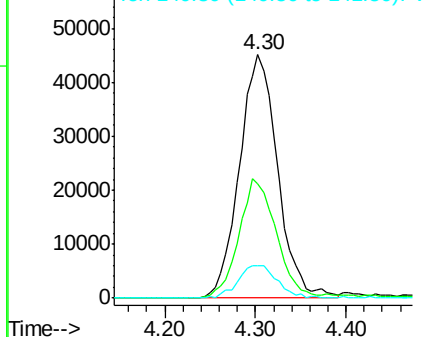
Lab File: VD067475.D

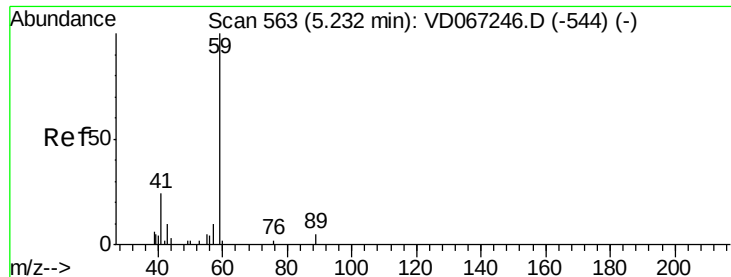
Acq: 30 Oct 2020 16:37

Tgt Ion:	142	Resp:	132009
Ion Ratio	Lower	Upper	
142	100		
127	47.5	38.4	57.6
141	13.7	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





#11

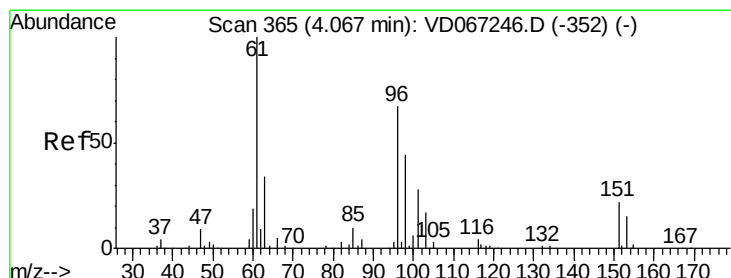
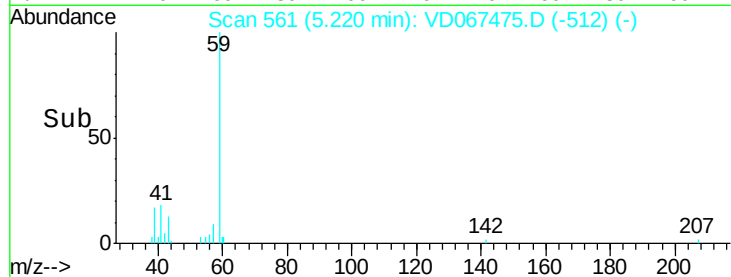
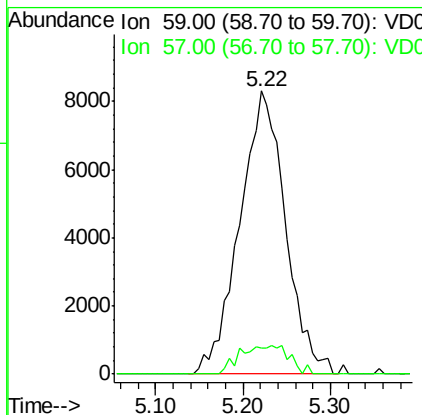
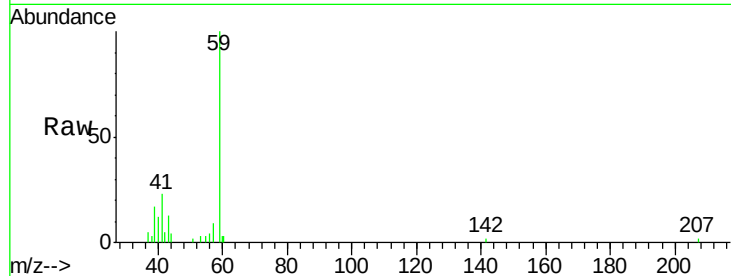
Tert butyl alcohol
Concen: 216.449 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion: 59 Resp: 29643
Ion Ratio Lower Upper
59 100
57 10.9 5.1 7.7#

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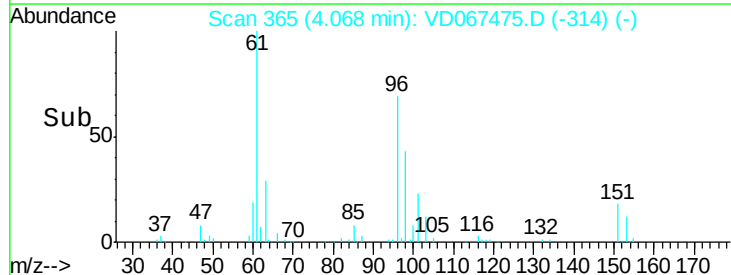
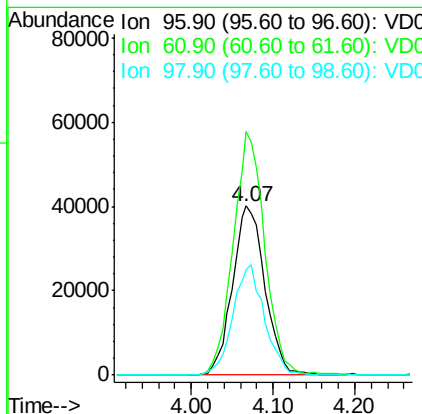
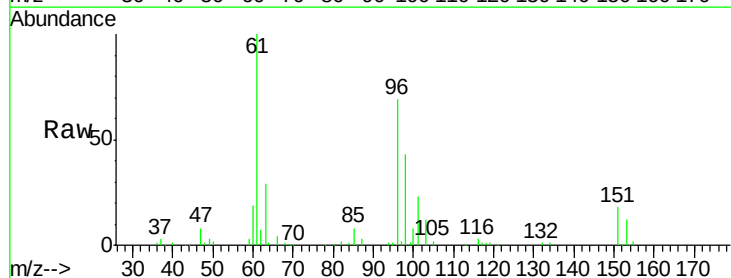
MMDadoda
11/2/2020 4:09:33 PM

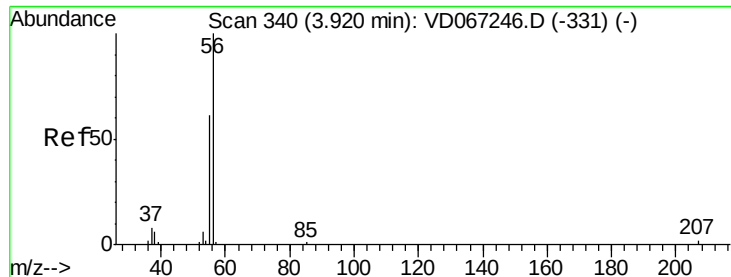


#12

1,1-Dichloroethene
Concen: 52.489 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 96 Resp: 110770
Ion Ratio Lower Upper
96 100
61 144.1 118.6 177.8
98 62.5 51.8 77.6





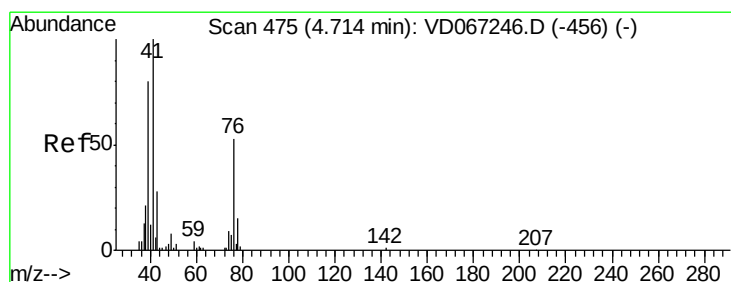
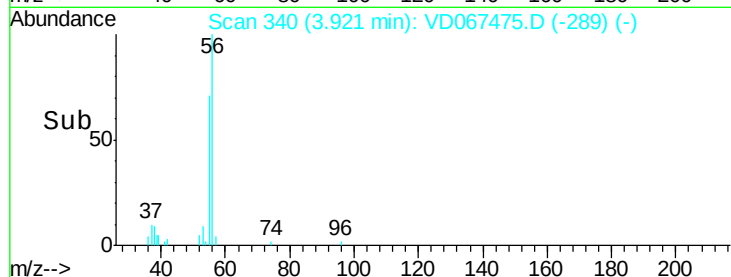
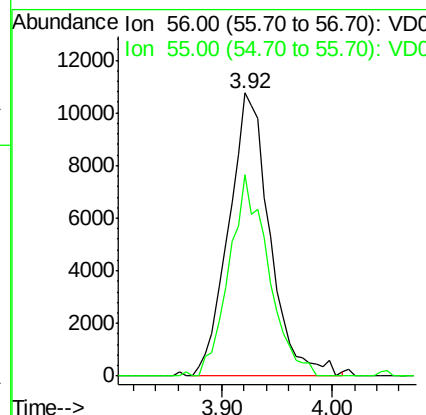
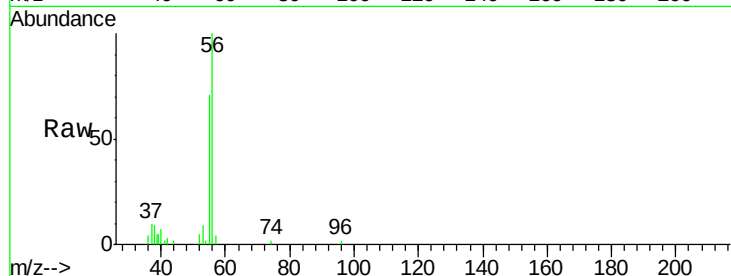
#13
Acrolein
Concen: 188.776 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	56.0	84.0

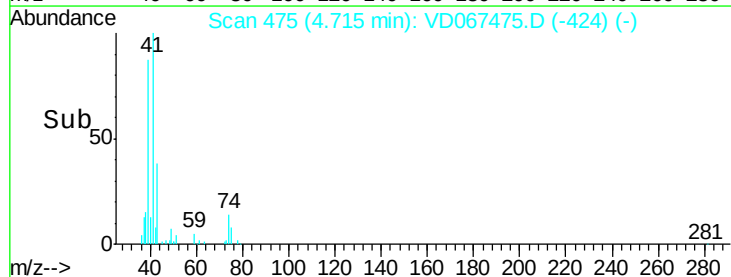
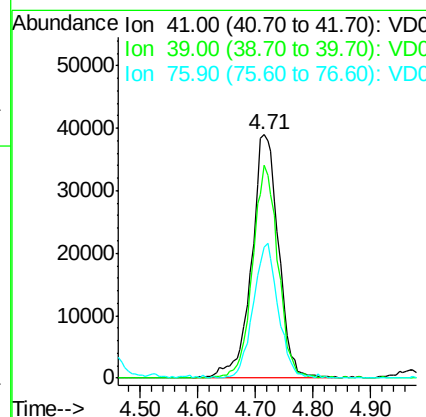
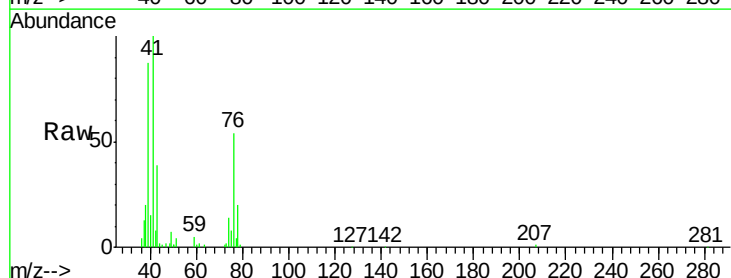
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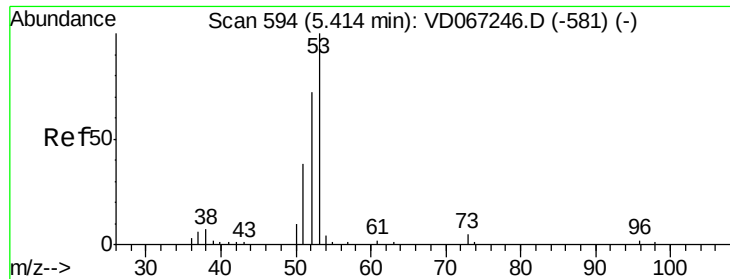
MMDadoda
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#14
Allyl chloride
Concen: 52.620 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	82.2	63.8	95.6
76	51.1	40.4	60.6





#15

Acrylonitrile

Concen: 288.202 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

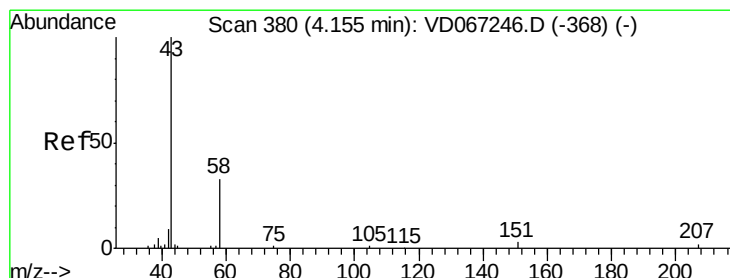
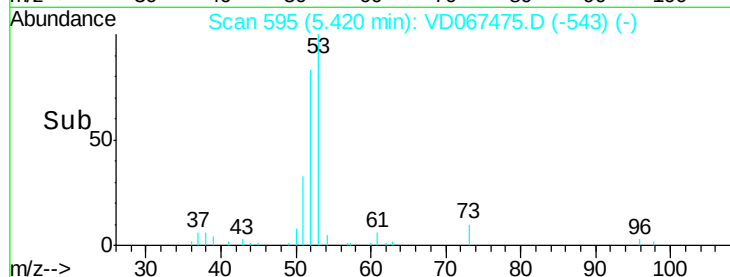
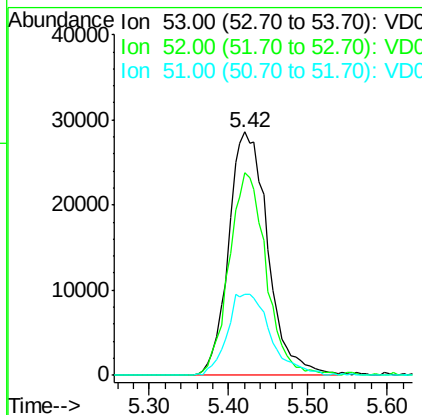
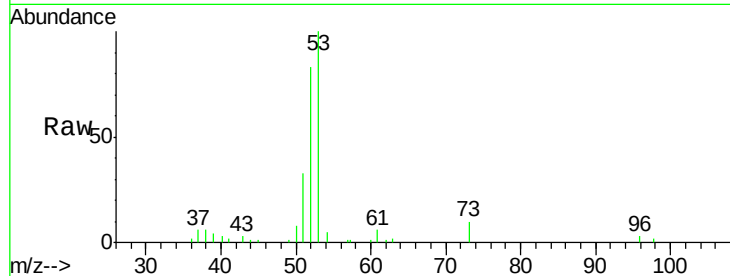
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	53	Resp:	97838
Ion	Ratio	Lower	Upper
53	100		
52	79.0	65.6	98.4
51	36.8	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 308.133 ug/l

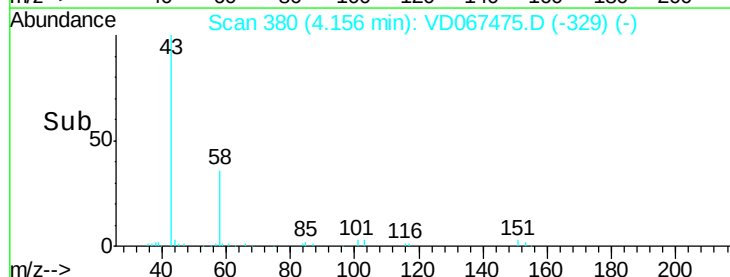
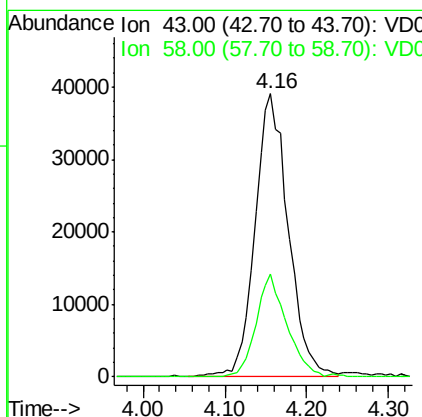
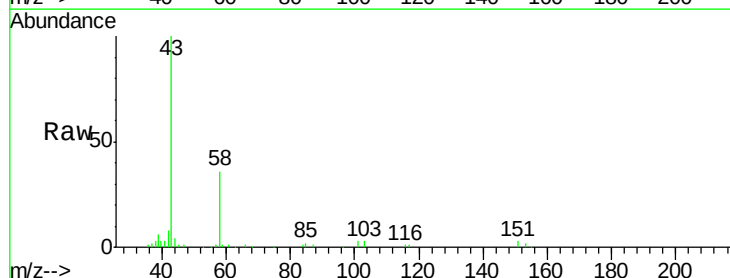
RT: 4.16 min Scan# 380

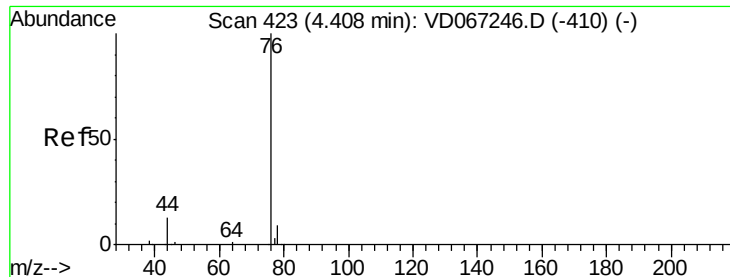
Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	43	Resp:	110549
Ion	Ratio	Lower	Upper
43	100		
58	36.3	26.1	39.1





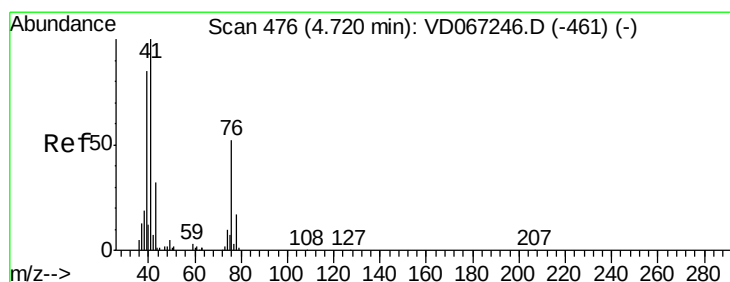
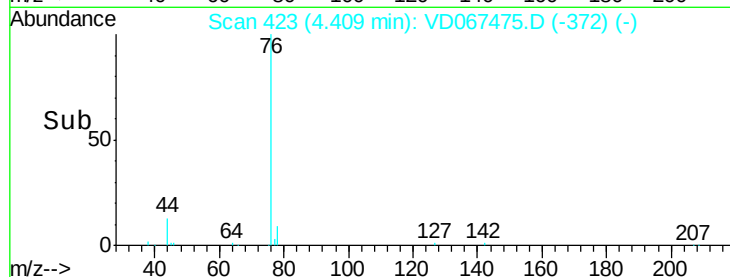
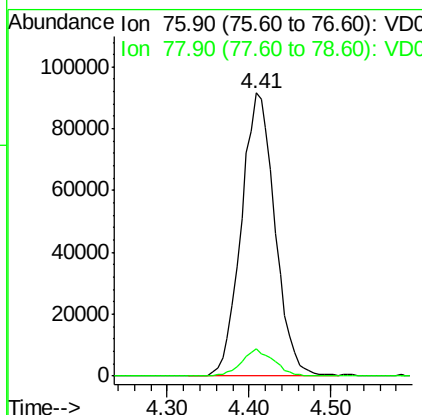
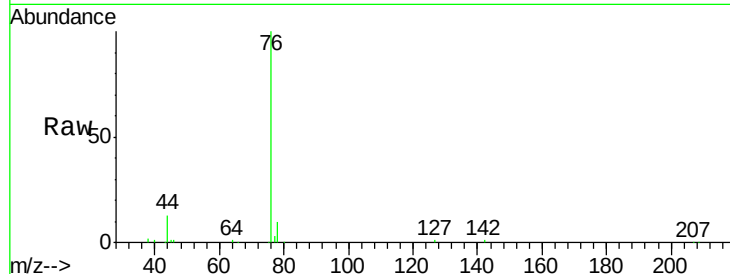
#17
Carbon Disulfide
Concen: 43.553 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

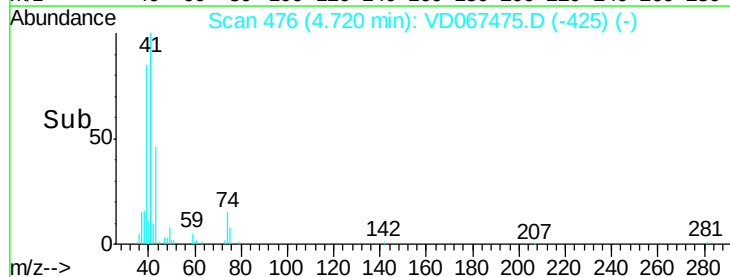
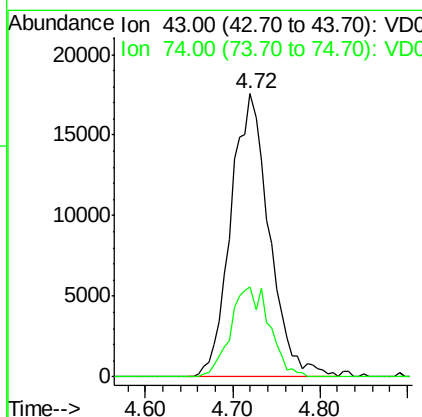
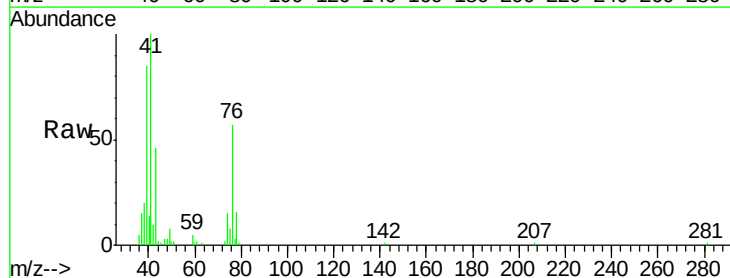
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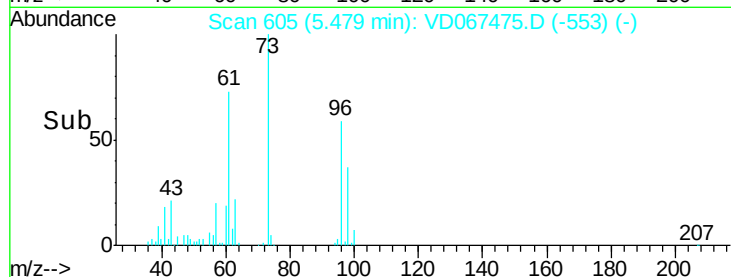
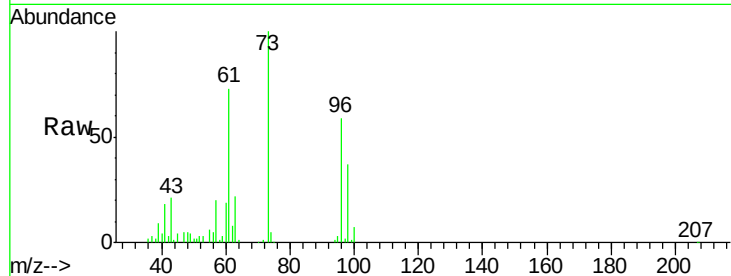
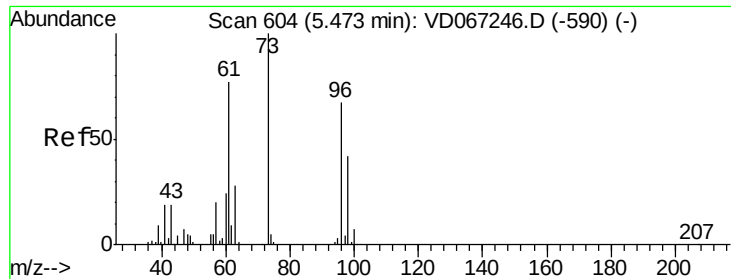
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#18
Methyl Acetate
Concen: 64.017 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.3	26.6	39.8





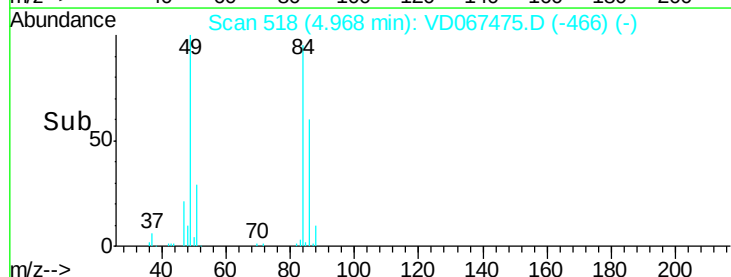
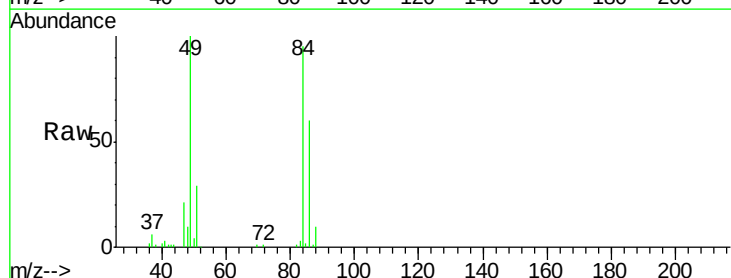
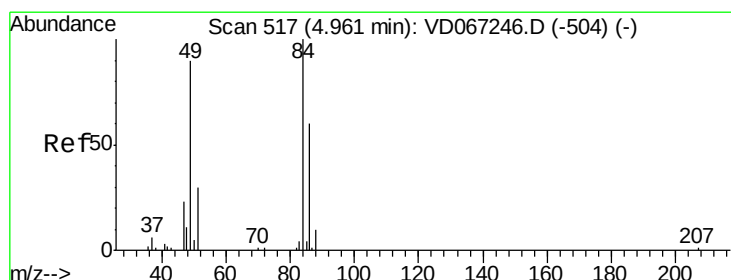
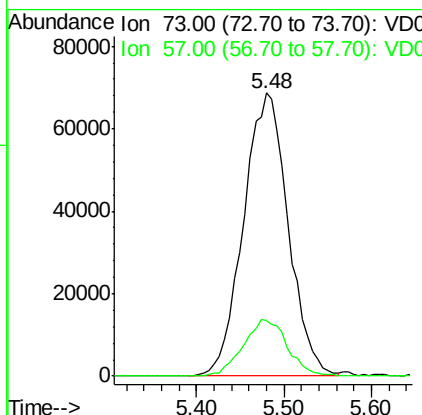
#19
Methyl tert-butyl Ether
Concen: 57.031 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tot Ion: 73 Resp: 239314
Ion Ratio Lower Upper
73 100
57 19.5 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

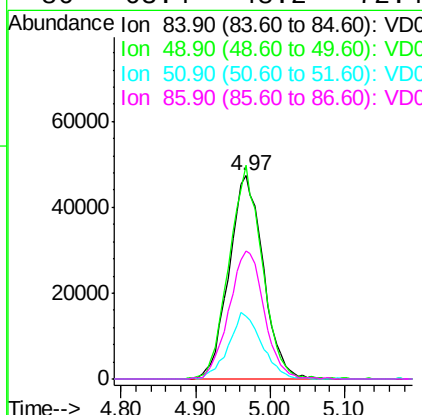
Manual Integrations
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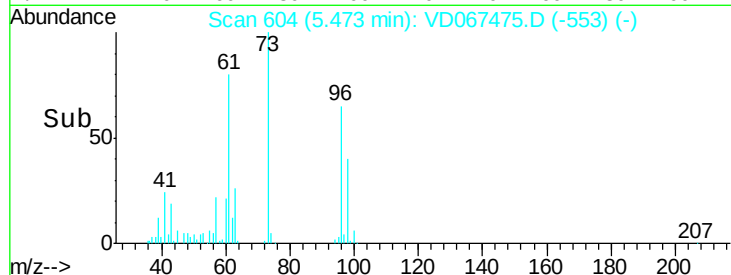
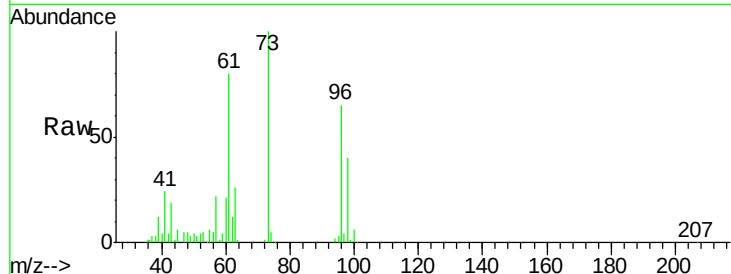
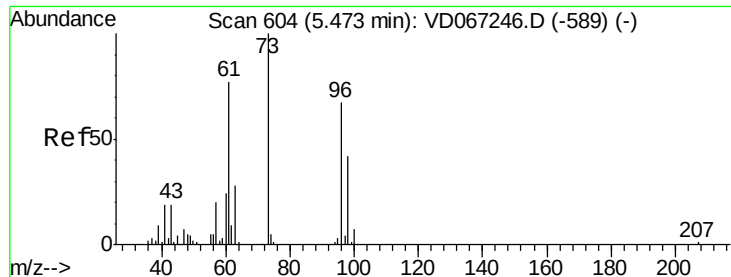
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#20
Methylene Chloride
Concen: 67.173 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 84 Resp: 150827
Ion Ratio Lower Upper
84 100
49 105.3 72.2 108.2
51 30.7 23.8 35.8
86 63.4 48.2 72.4





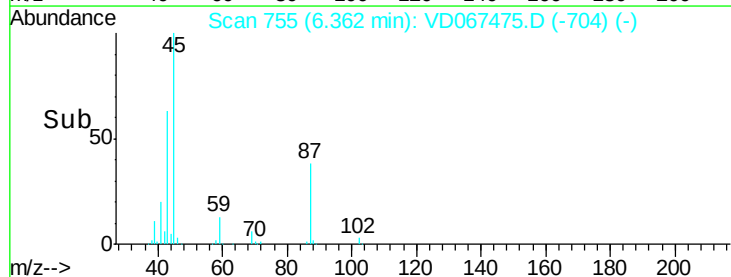
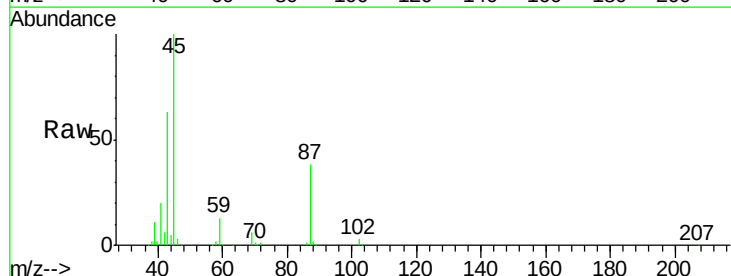
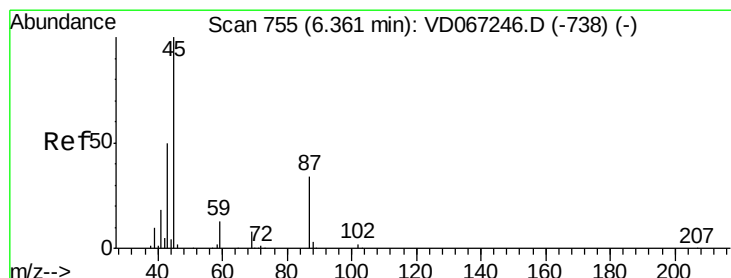
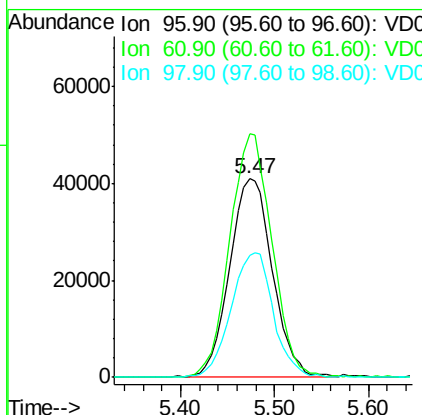
#21
trans-1,2-Dichloroethene
Concen: 53.427 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129750		
61	122.0		92.0	138.0
98	61.8		49.8	74.8

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

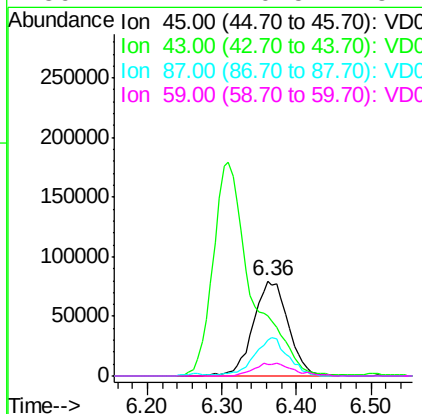
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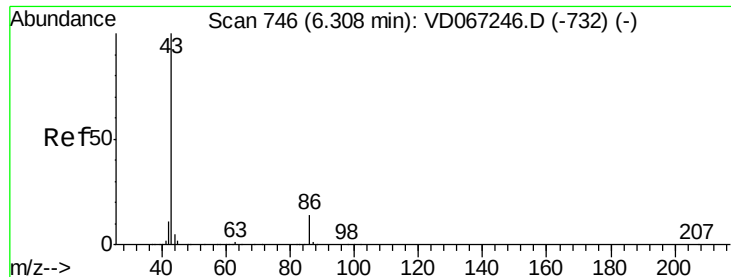
MMDadoda
11/2/2020 4:09:33 PM



#22
Diisopropyl ether
Concen: 58.738 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	259317		
43	61.6		48.0	72.0
87	37.6		28.5	42.7
59	12.2		10.5	15.7





#23

Vinyl Acetate

Concen: 256.082 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 643194

Ion Ratio Lower Upper

43 100

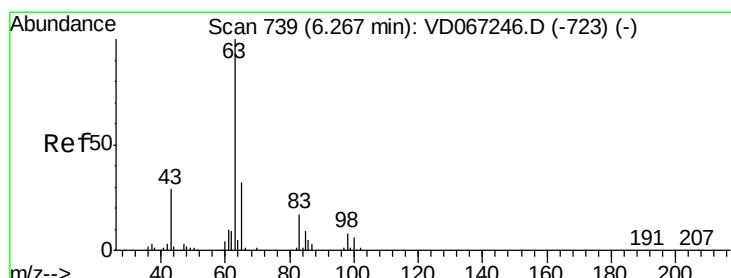
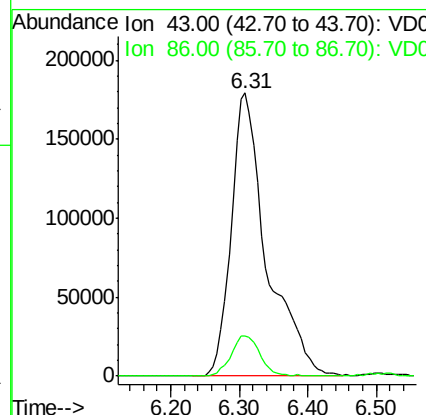
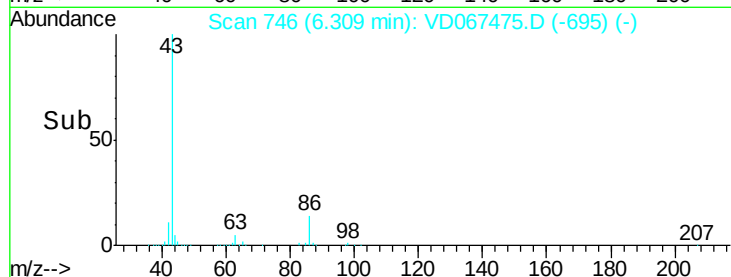
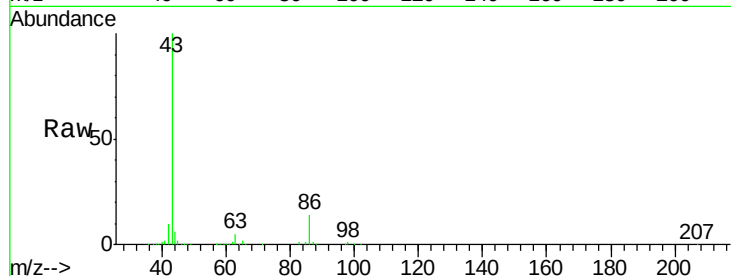
86 14.1 11.0 16.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.079 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

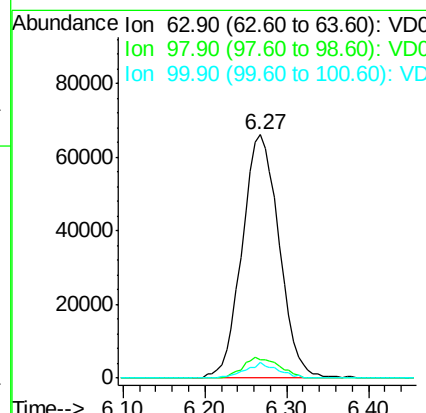
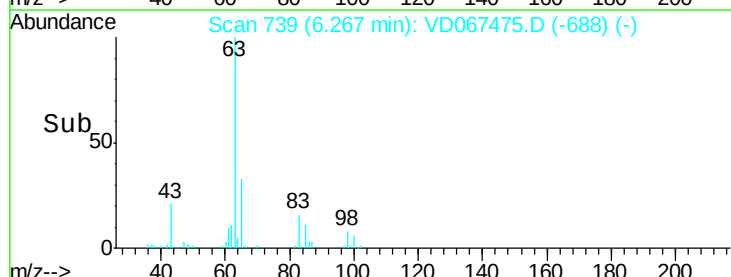
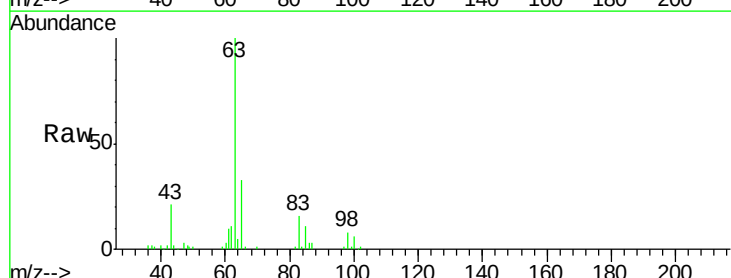
Tgt Ion: 63 Resp: 208149

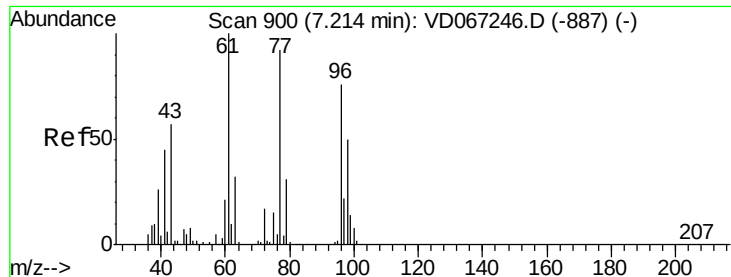
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 6.4 2.8 8.4





#25

2-Butanone

Concen: 282.635 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 115587

Ion Ratio Lower Upper

43 100

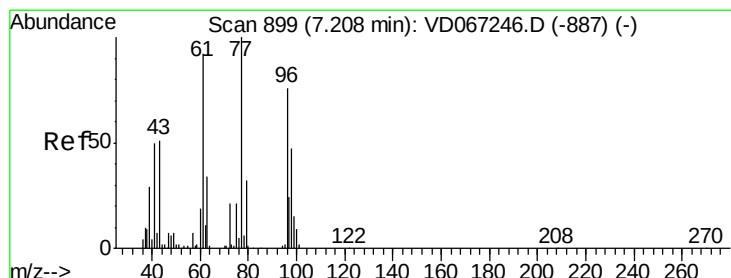
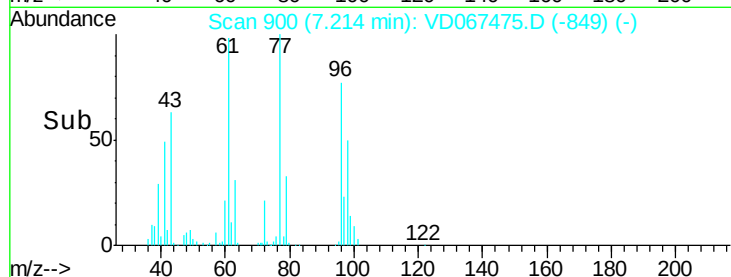
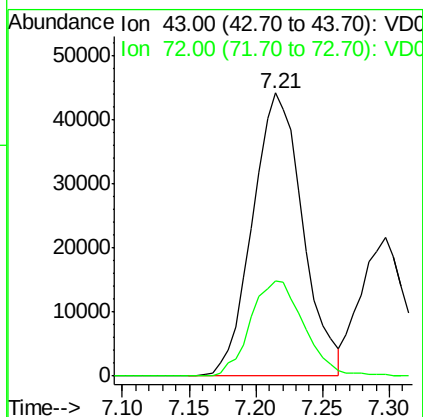
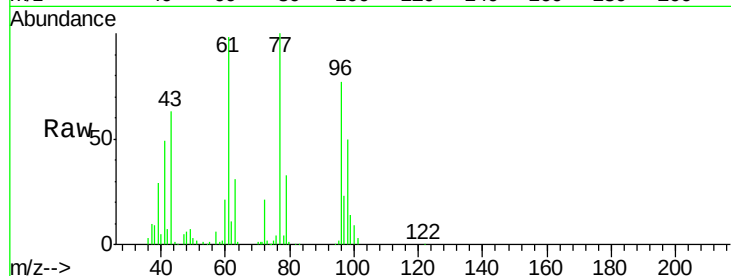
72 33.6 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.866 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067475.D

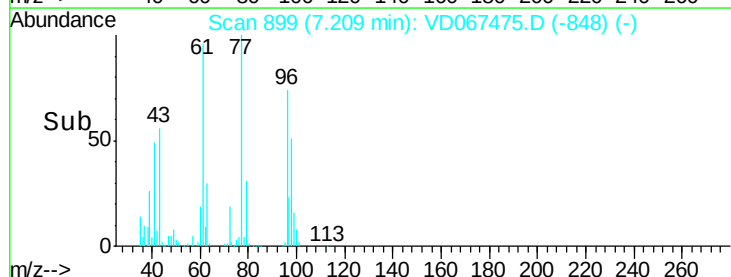
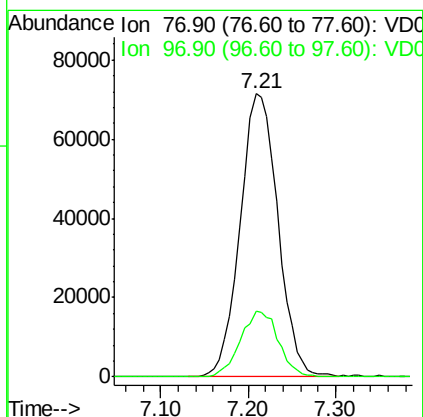
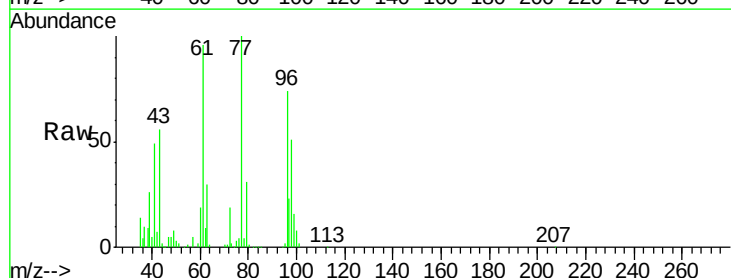
Acq: 30 Oct 2020 16:37

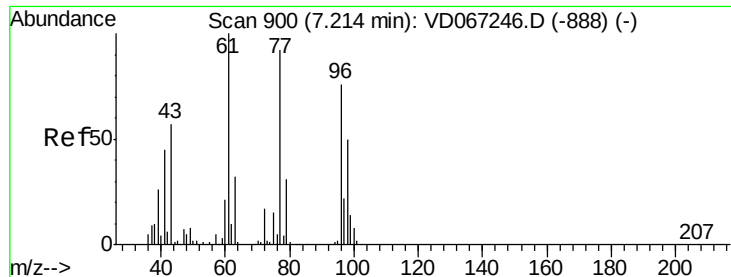
Tgt Ion: 77 Resp: 209822

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





#27

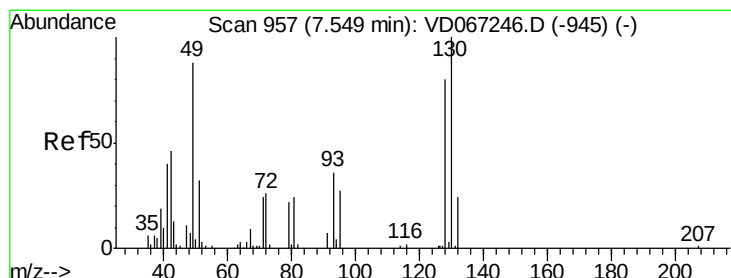
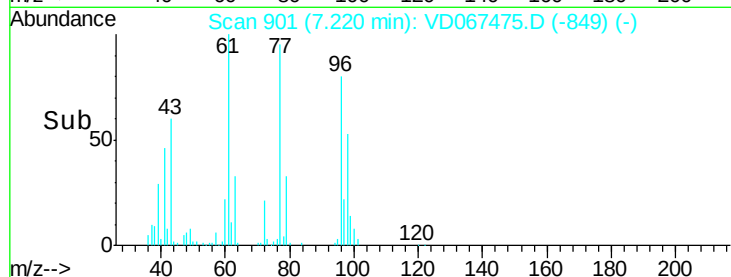
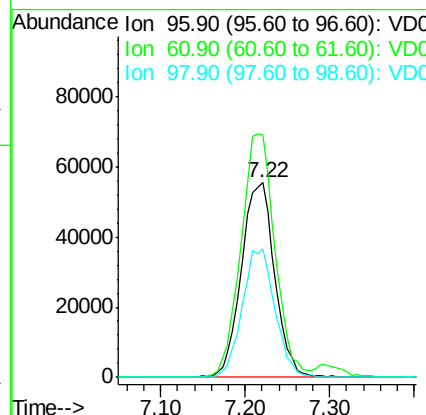
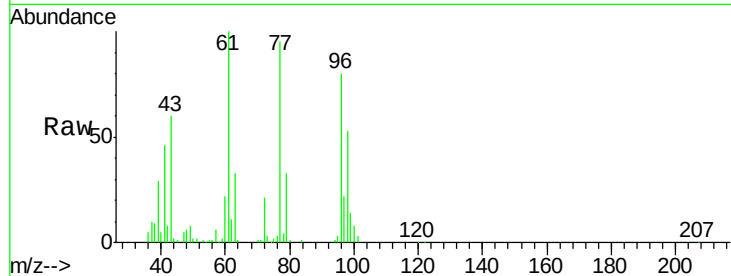
cis-1,2-Dichloroethene
Concen: 57.006 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.7	0.0	255.4	
98	64.9	0.0	128.0	

Manual Integrations
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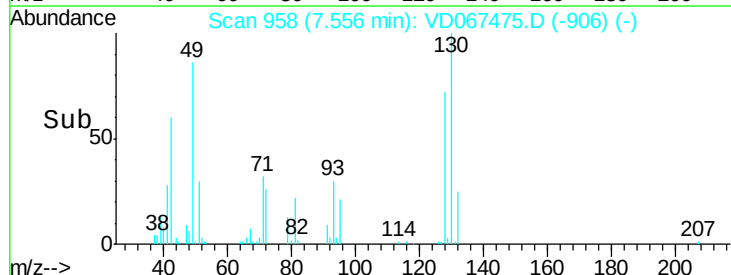
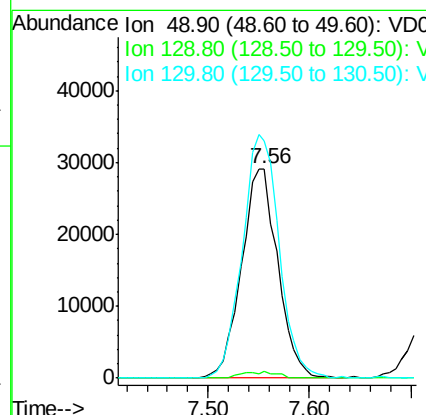
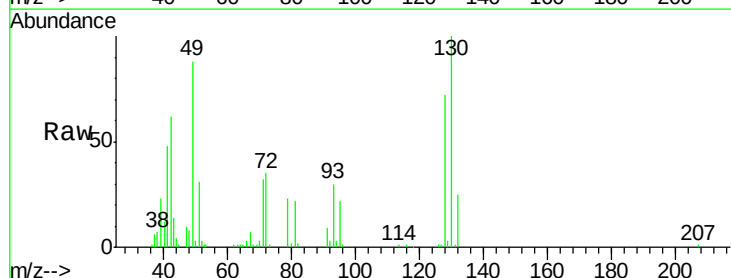
MMDadoda
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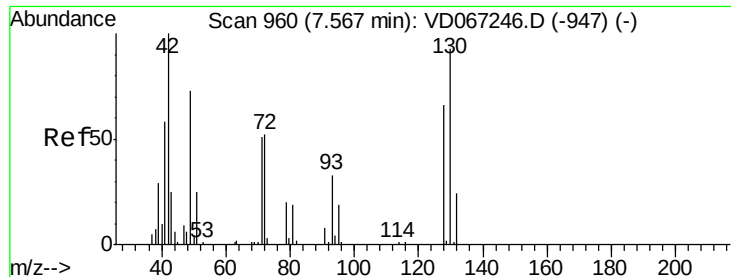


#28

Bromochloromethane
Concen: 56.316 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	1.6	
130	117.6	91.0	136.6	





#29

Tetrahydrofuran

Concen: 272.933 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

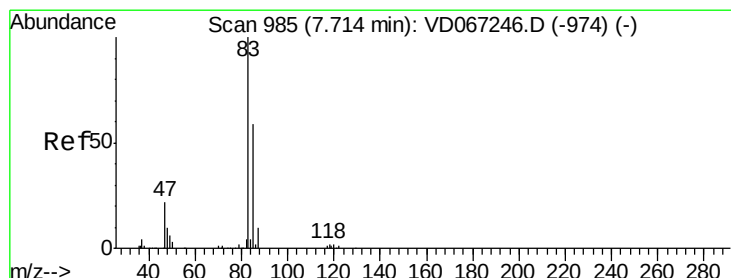
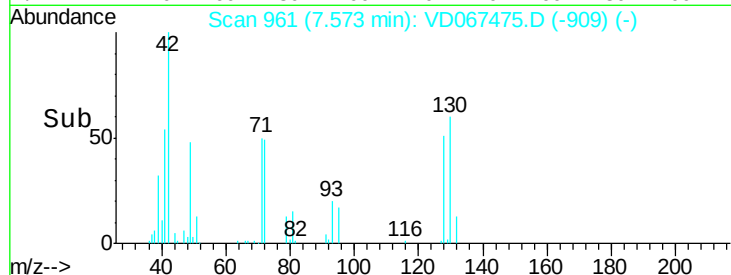
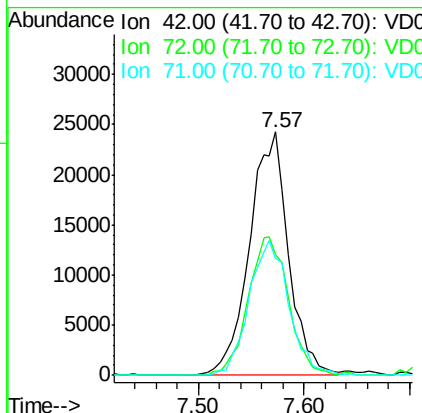
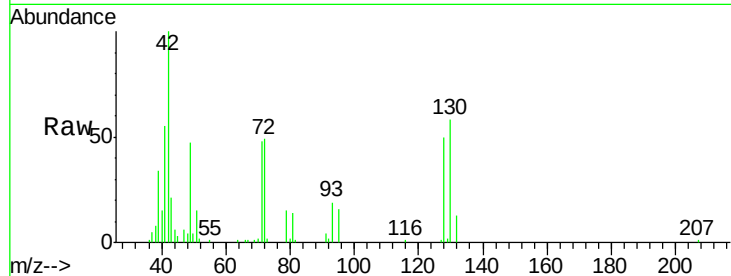
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	42	Resp:	62047
Ion	Ratio	Lower	Upper
42	100		
72	59.0	43.2	64.8
71	56.8	39.4	59.0

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 58.474 ug/l

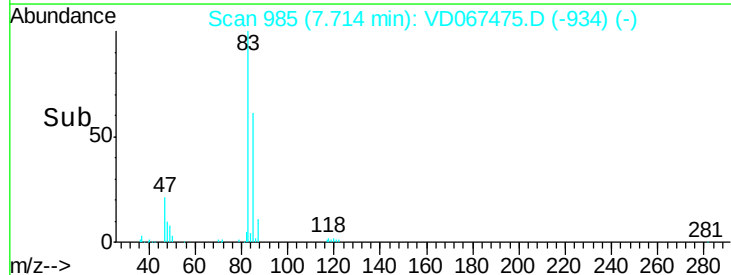
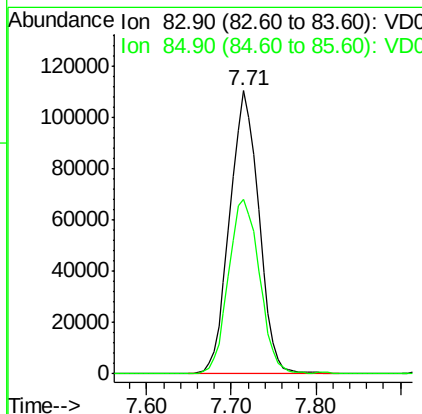
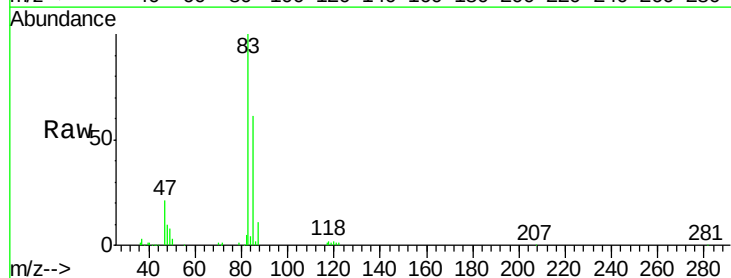
RT: 7.71 min Scan# 985

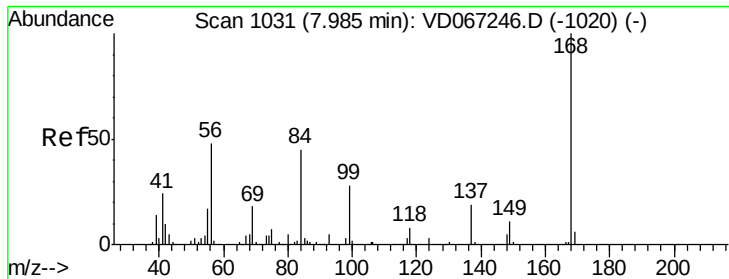
Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	83	Resp:	263983
Ion	Ratio	Lower	Upper
83	100		
85	61.5	47.3	70.9





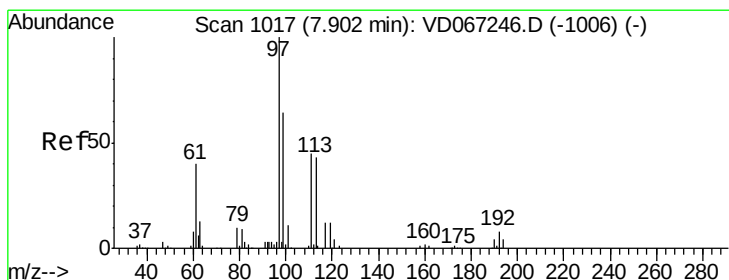
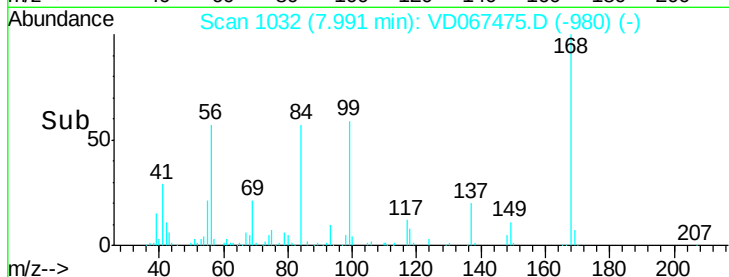
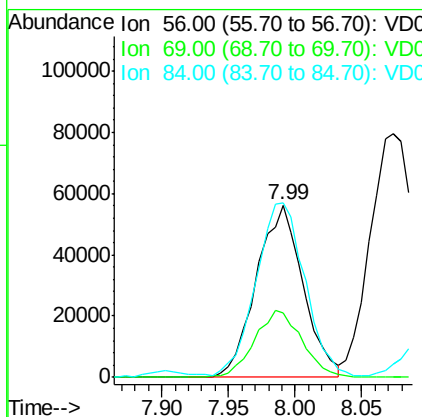
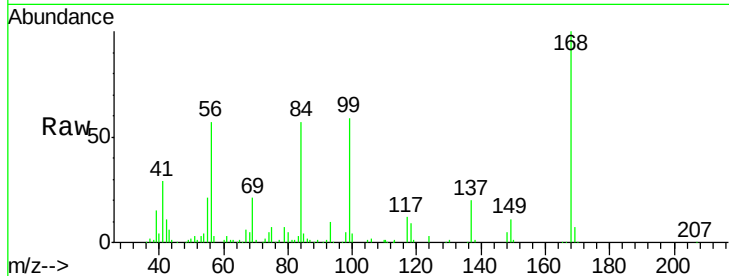
#31
Cyclohexane
Concen: 46.218 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	29.8	44.6
84	99.6	76.6	114.8

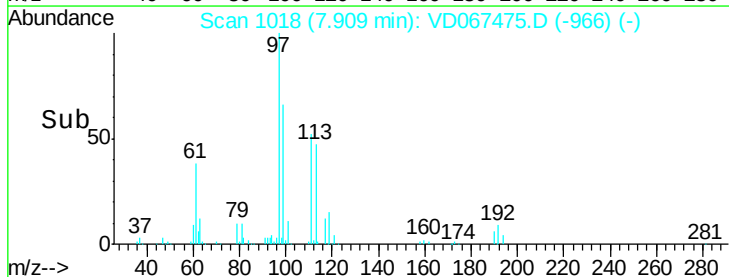
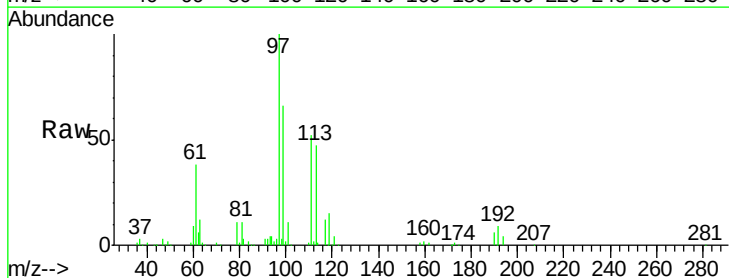
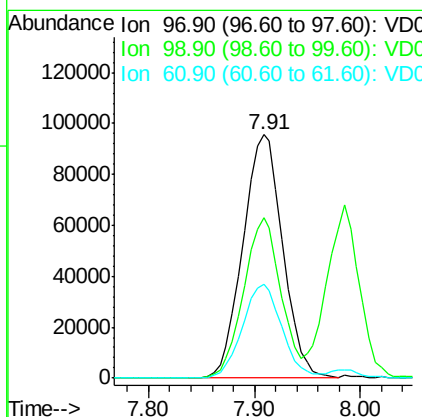
Manual Integrations
APPROVED

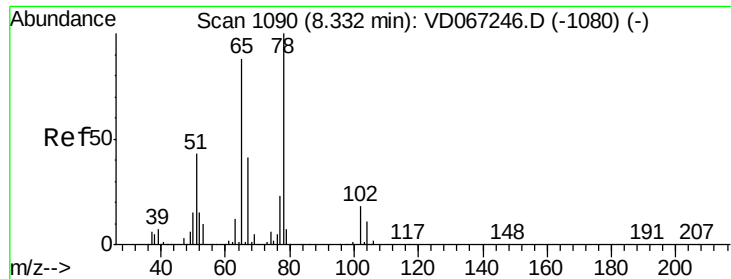
MMDadoda
11/2/2020 4:09:33 PM



#32
1,1,1-Trichloroethane
Concen: 56.543 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.2	75.4
61	37.9	30.5	45.7





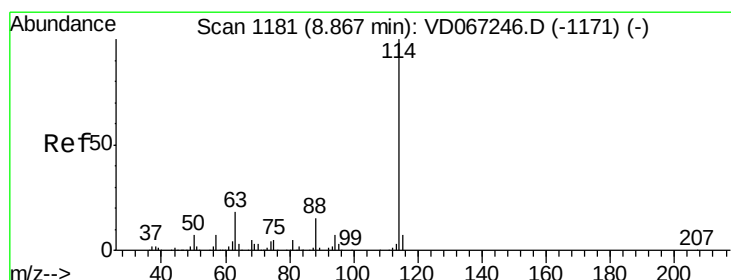
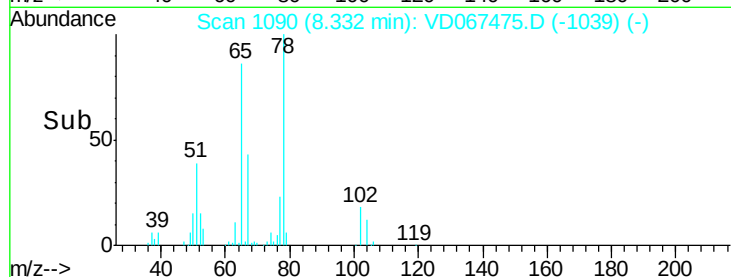
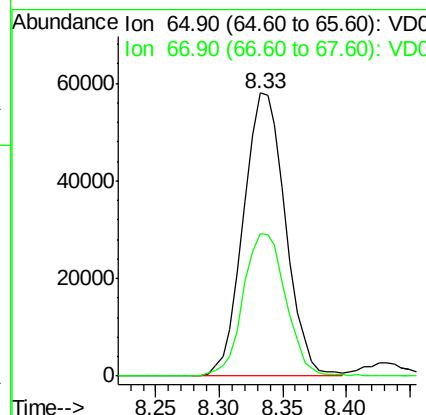
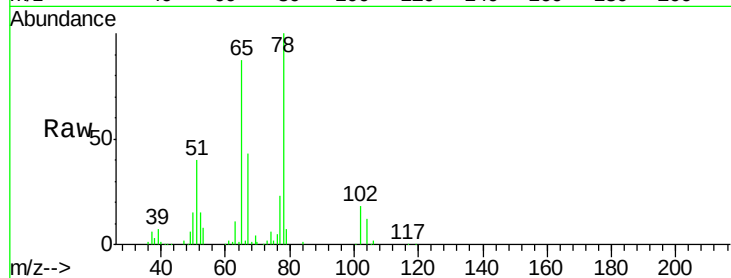
#33
 1,2-Dichloroethane-d4
 Concen: 52.239 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	103.8	

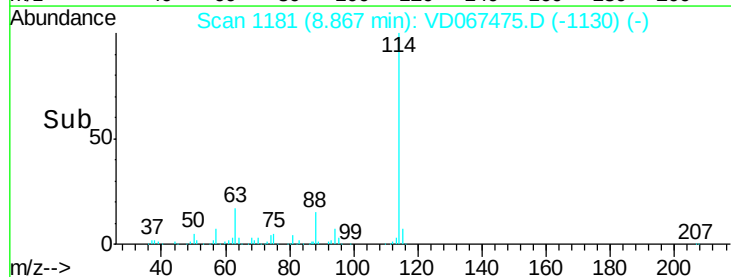
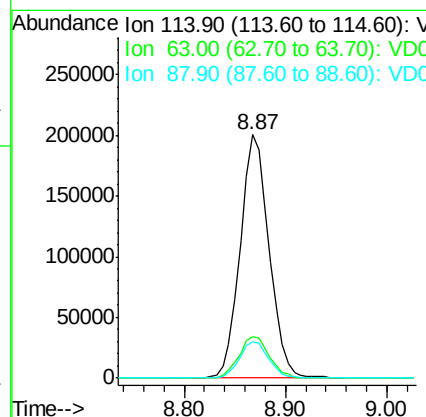
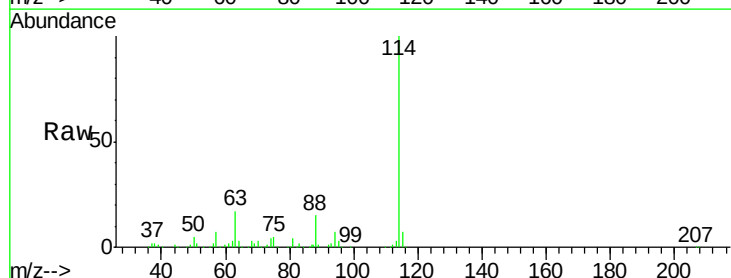
Manual Integrations
 APPROVED

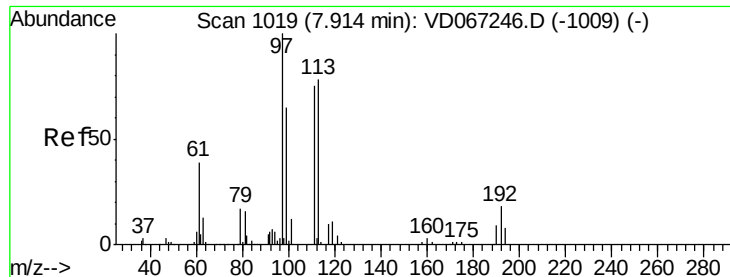
MMDadoda
 11/2/2020 4:09:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.8	0.0	35.0	
88	14.7	0.0	30.6	





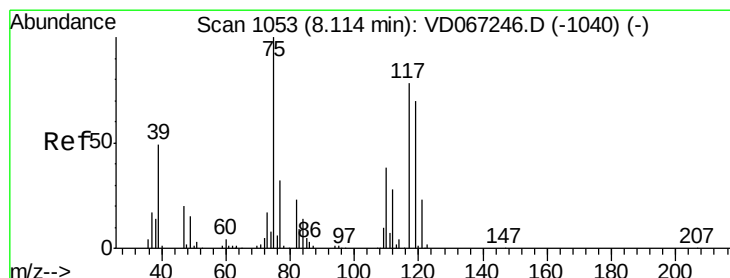
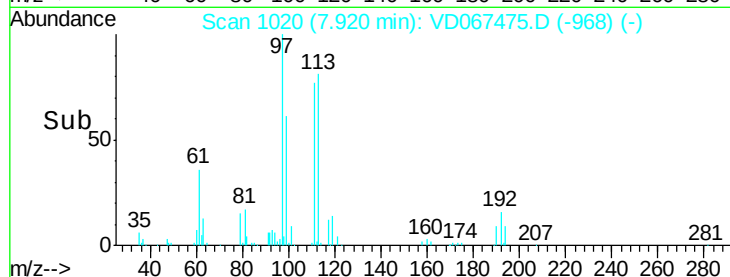
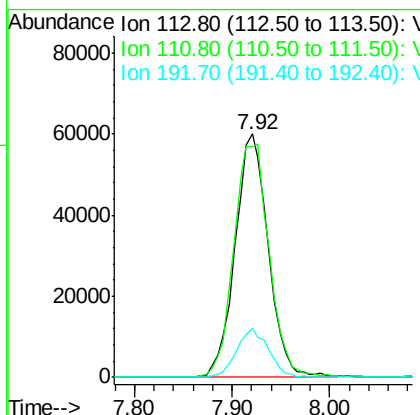
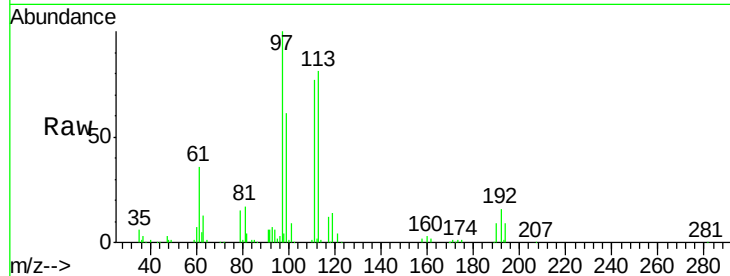
#35
Dibromofluoromethane
Concen: 53.707 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	19.3	17.0	25.4

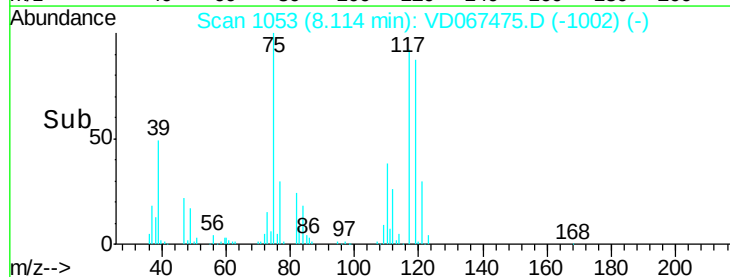
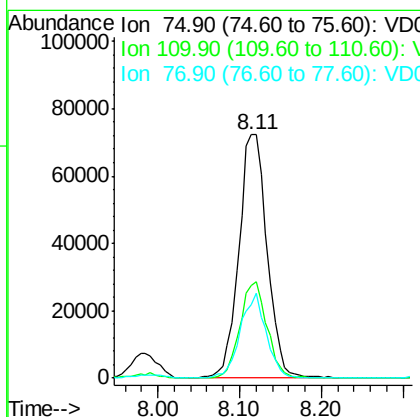
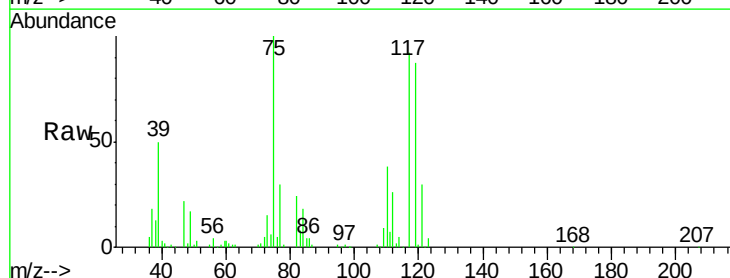
Manual Integrations
APPROVED

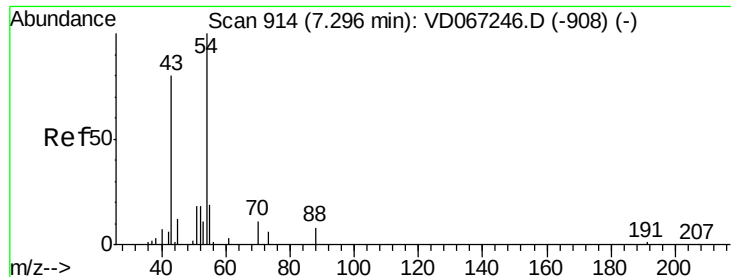
MMDadoda
11/2/2020 4:09:33 PM



#36
1,1-Dichloropropene
Concen: 51.714 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.6	58.7
77	31.9	24.6	37.0





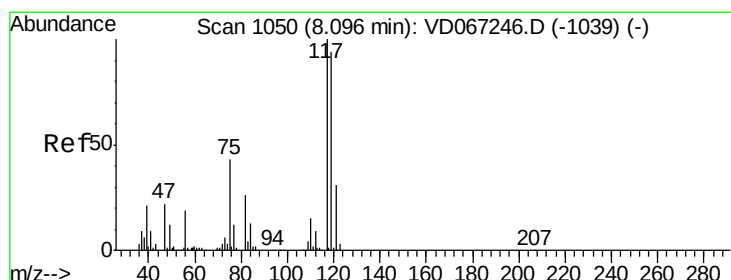
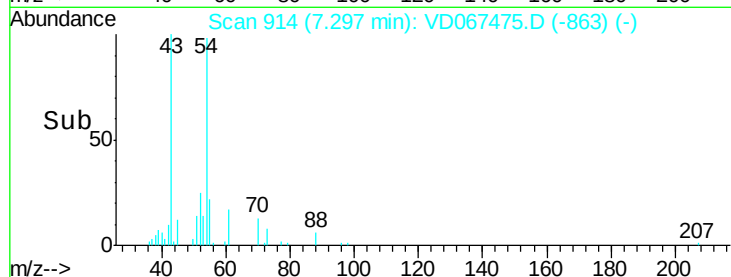
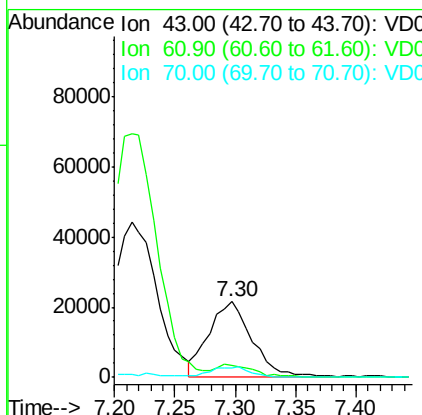
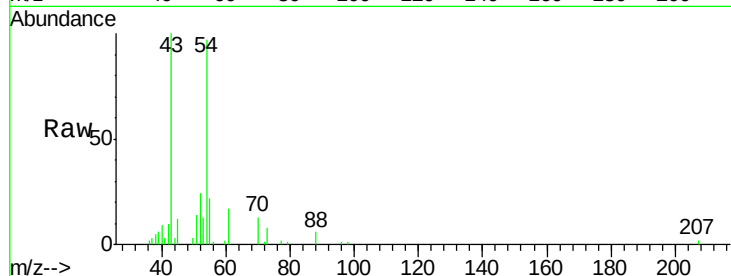
#37
Ethyl Acetate
Concen: 53.444 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	15.6	23.4#
70	13.6	10.4	15.6

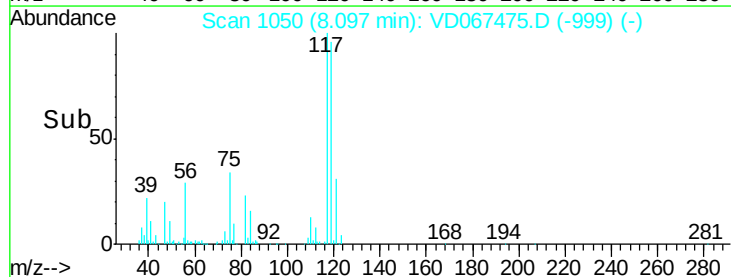
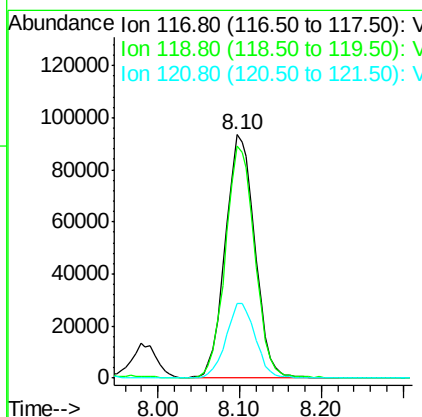
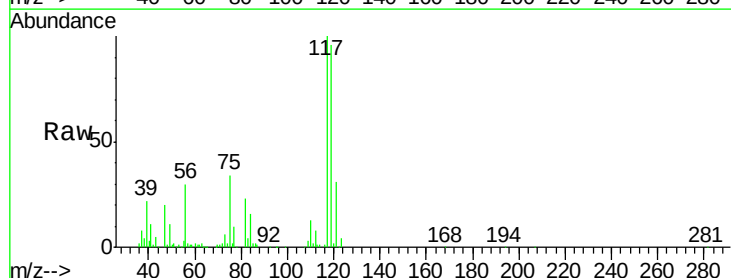
Manual Integrations
APPROVED

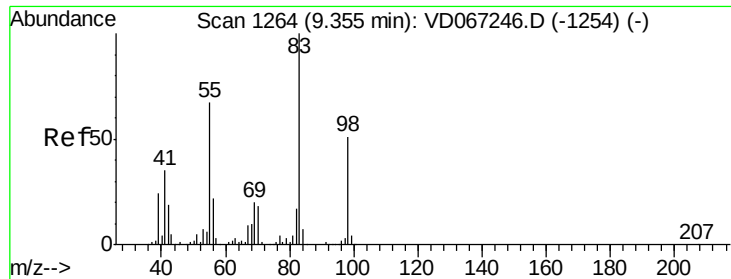
MMDadoda
11/2/2020 4:09:33 PM



#38
Carbon Tetrachloride
Concen: 54.391 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.4
121	30.7	24.9	37.3





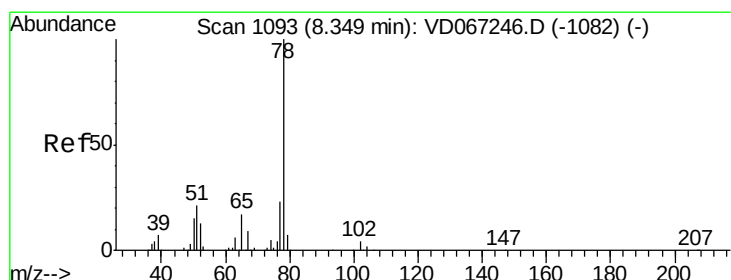
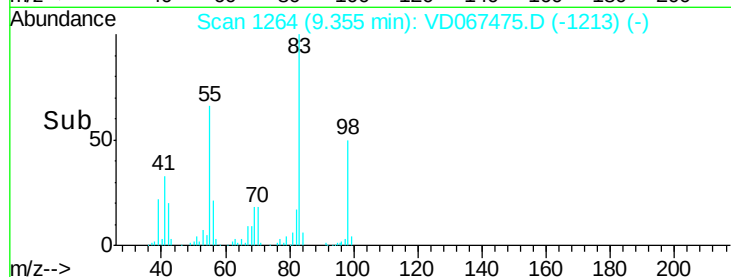
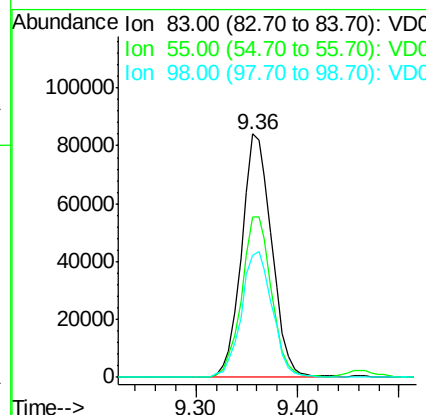
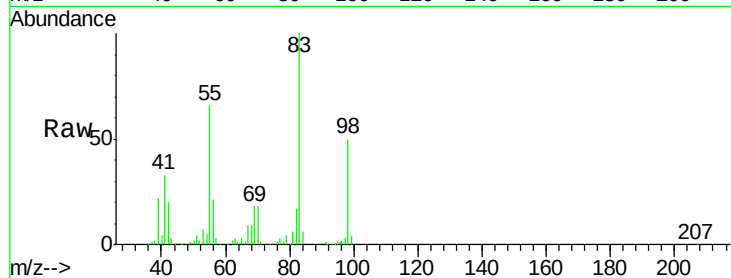
#39
Methylvlcyclohexane
Concen: 49.129 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.9	53.3	79.9
98	50.0	41.0	61.4

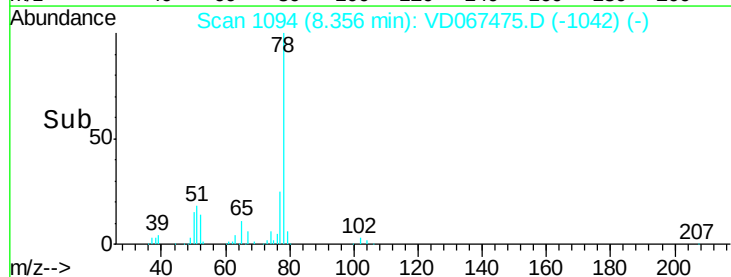
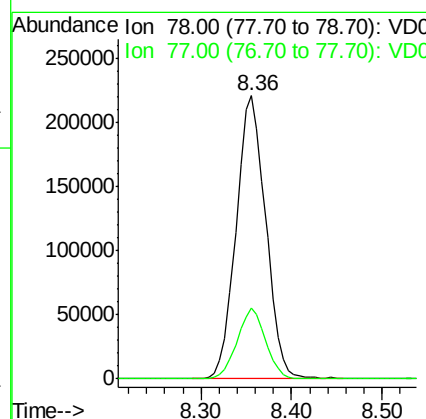
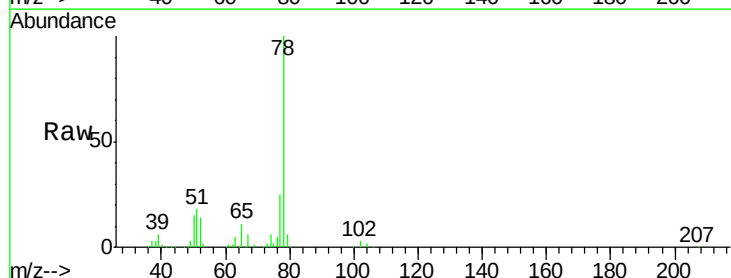
Manual Integrations
APPROVED

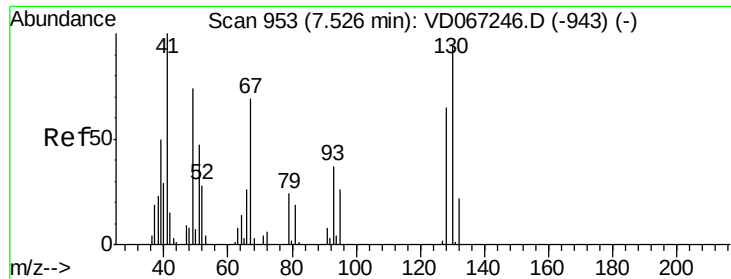
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#40
Benzene
Concen: 54.359 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.3	27.5





#41

Methacrylonitrile

Concen: 66.143 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 41 Resp: 35430

Ion Ratio Lower Upper

41 100

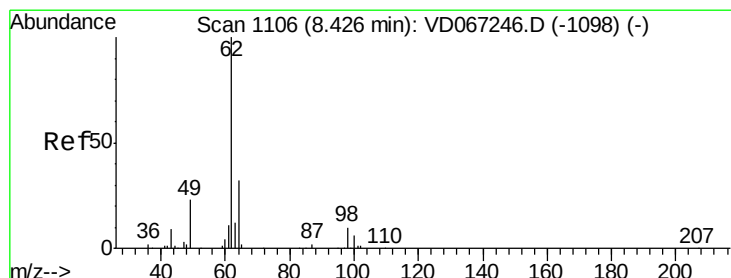
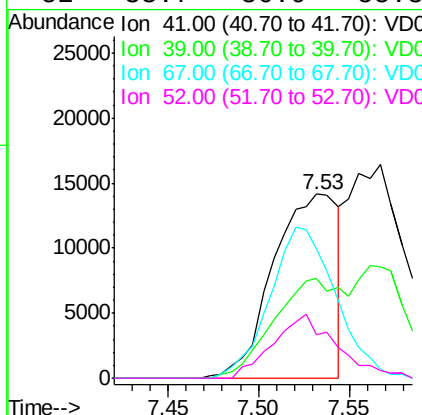
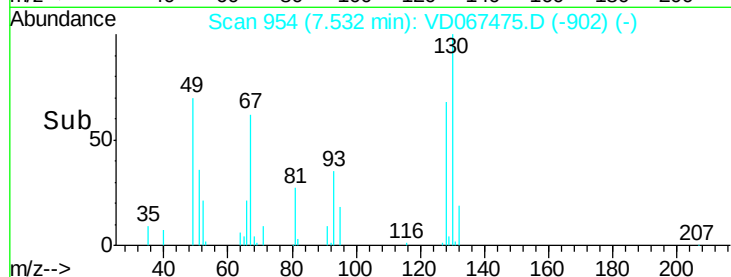
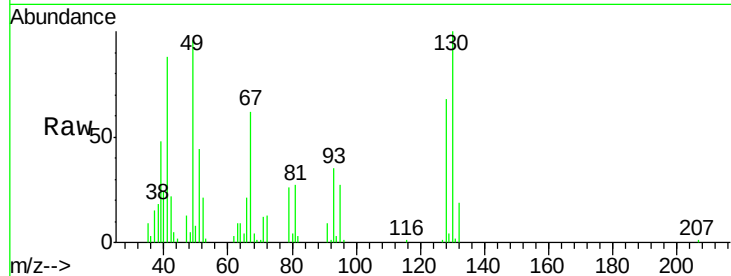
39 58.8 60.0 90.0#

67 83.1 88.9 133.3#

52 33.7 36.9 55.3#

Manual Integrations
APPROVED

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11/2/2020 4:09:33 PM



#42

1,2-Dichloroethane

Concen: 55.996 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067475.D

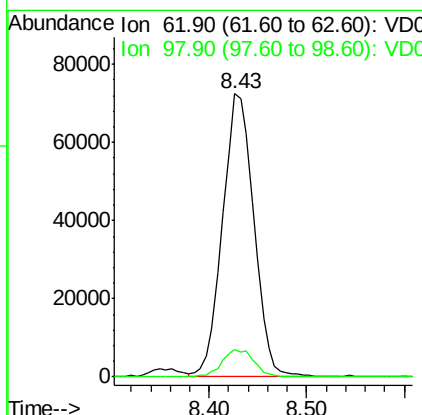
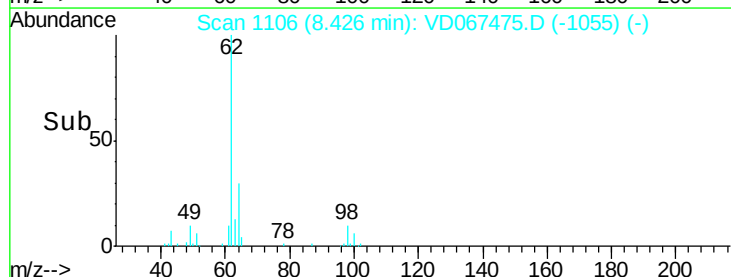
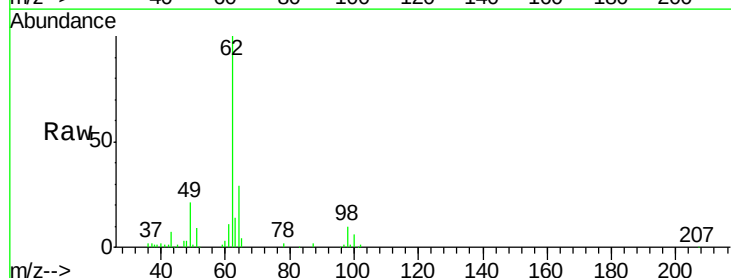
Acq: 30 Oct 2020 16:37

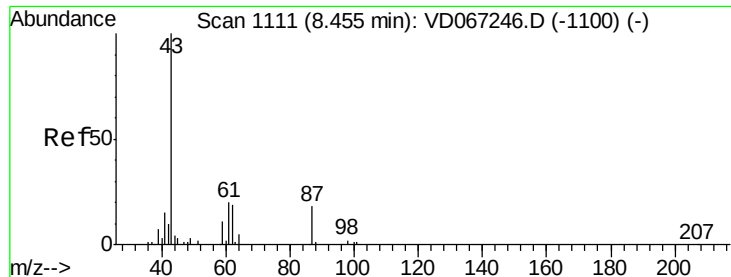
Tgt Ion: 62 Resp: 161969

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 52.607 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

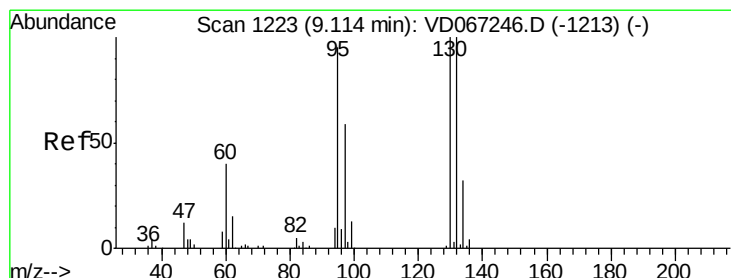
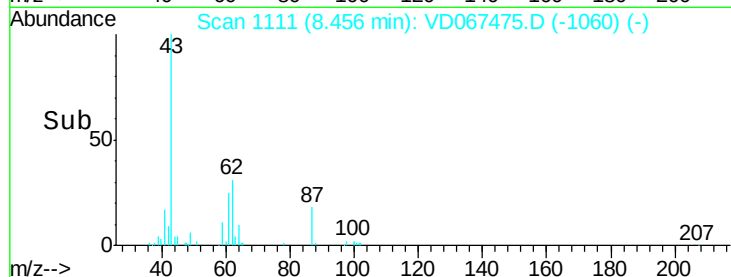
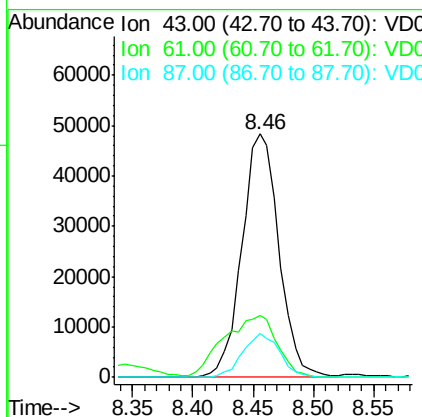
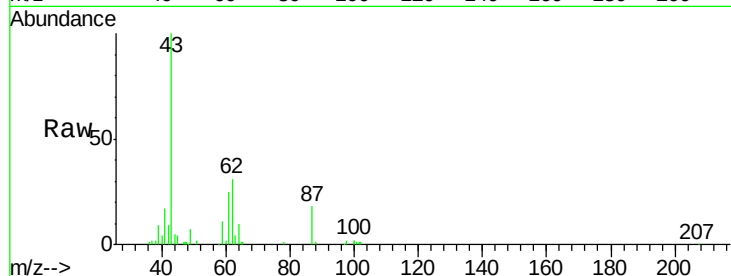
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	43	Resp:	103473
Ion	Ratio	Lower	Upper
43	100		
61	36.4	29.5	44.3
87	18.0	14.2	21.4

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#44

Trichloroethene

Concen: 54.238 ug/l

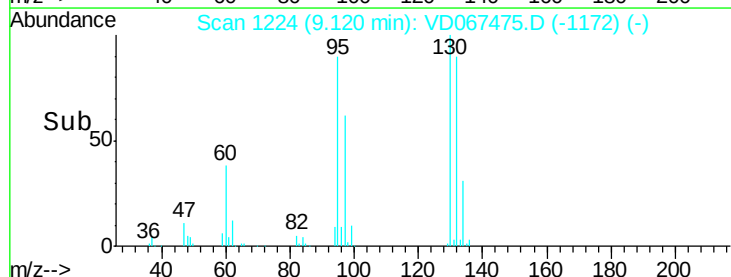
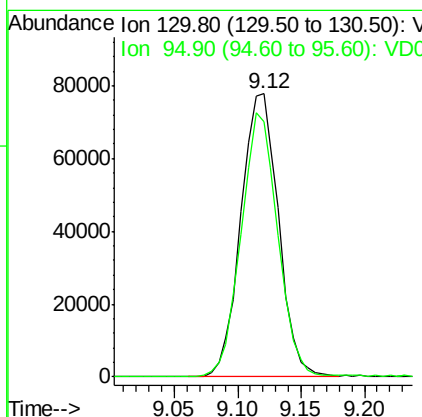
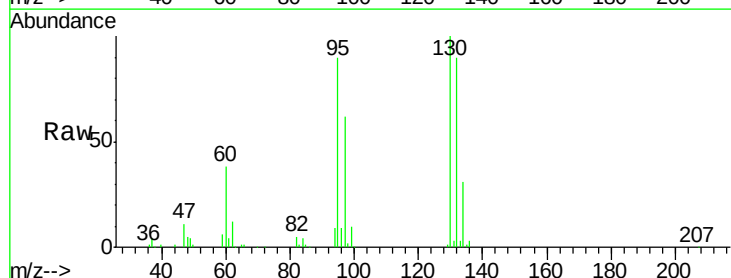
RT: 9.12 min Scan# 1224

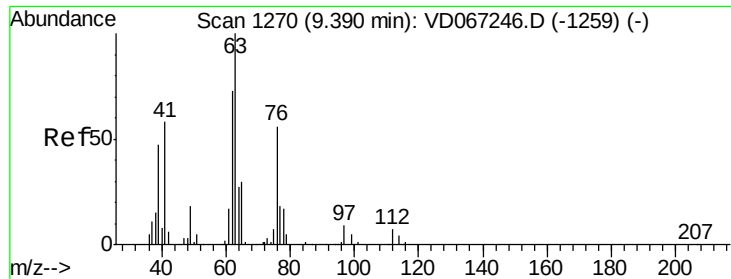
Delta R.T. 0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	130	Resp:	160506
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	190.6





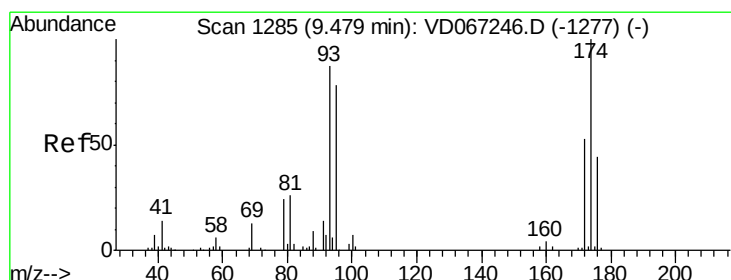
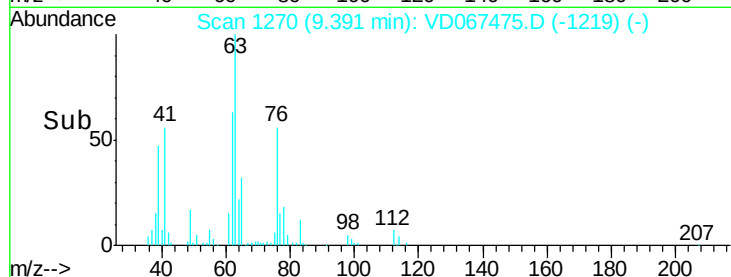
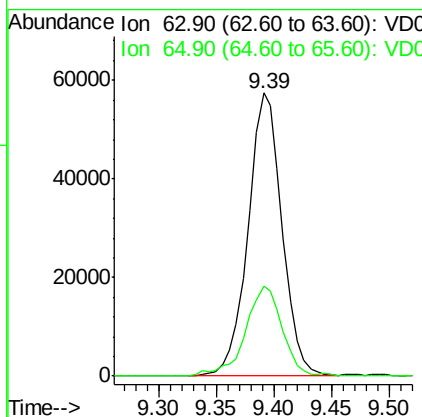
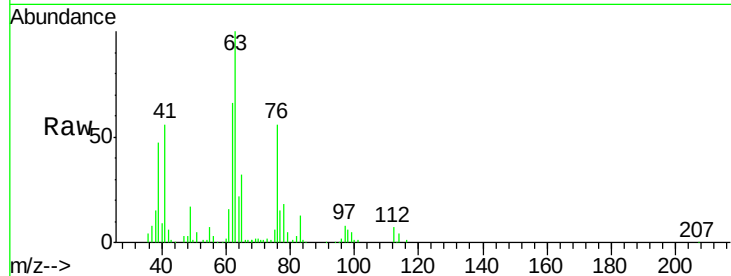
#45
 1,2-Dichloropropane
 Concen: 54.918 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	63	Resp	117638
Ion Ratio	Lower	Upper	
63	100		
65	32.0	24.6	36.8

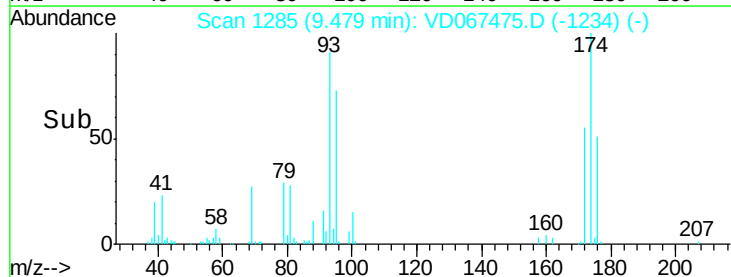
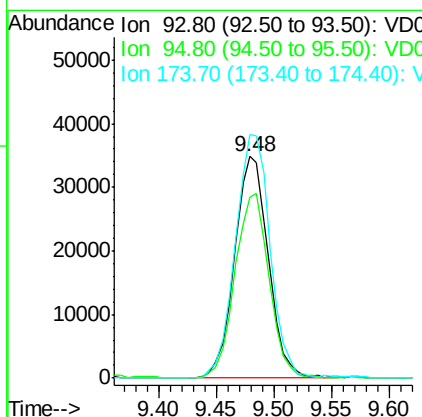
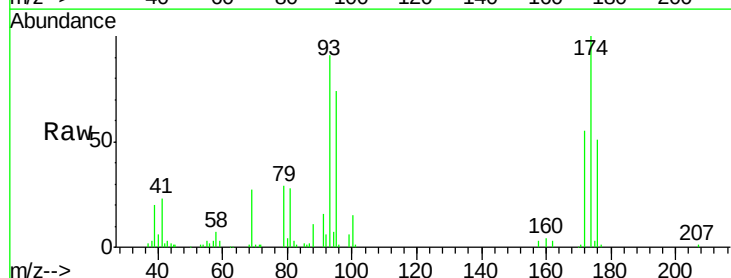
Manual Integrations
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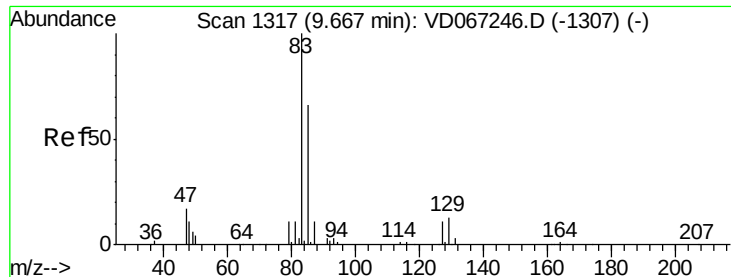
MMDadoda
 11/2/2020 4:09:33 PM



#46
 Dibromomethane
 Concen: 53.040 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	93	Resp	70789
Ion Ratio	Lower	Upper	
93	100		
95	84.0	68.0	102.0
174	112.5	91.8	137.6





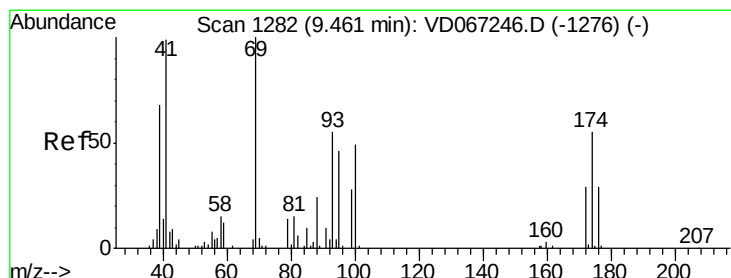
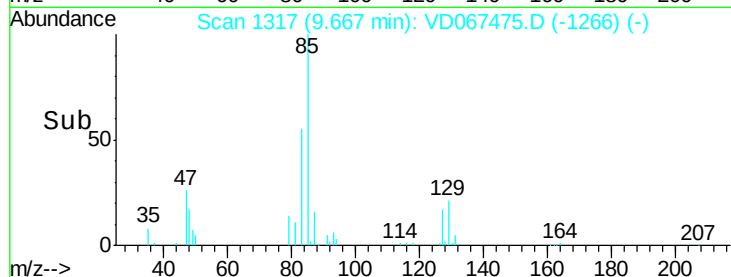
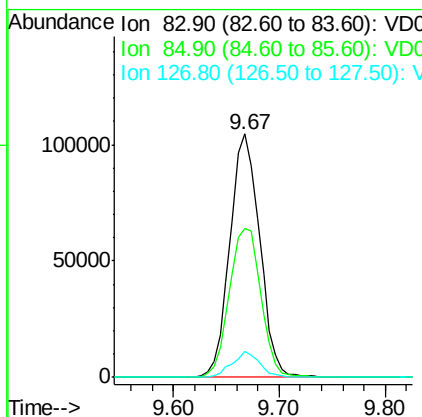
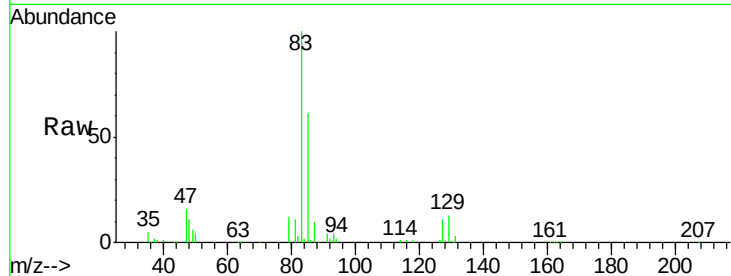
#47
Bromodichloromethane
Concen: 57.185 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	204480		
85	61.1		53.1	79.7
127	10.6		8.6	13.0

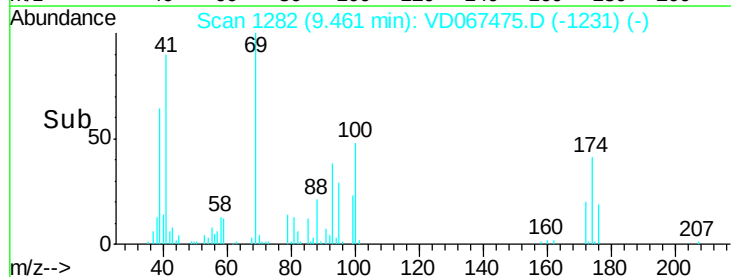
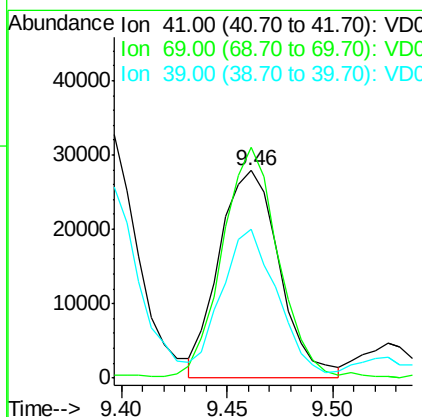
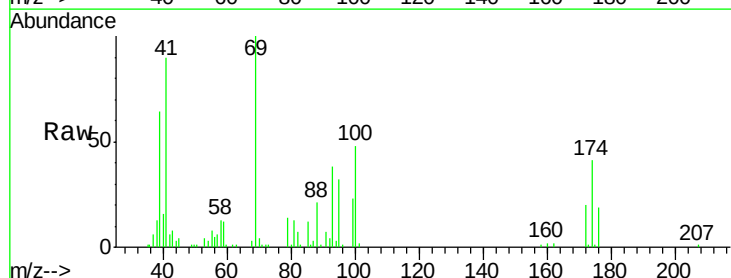
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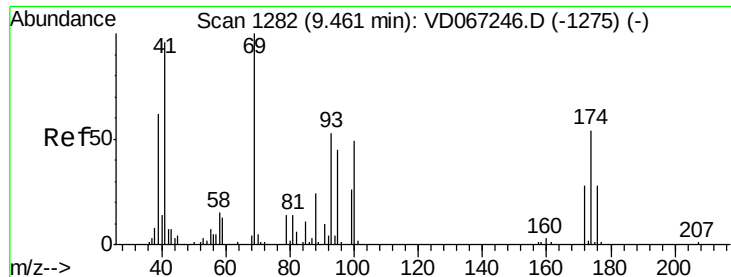
MMDadoda
11/2/2020 4:09:33 PM



#48
Methyl methacrylate
Concen: 57.961 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	55402		
69	104.0		89.0	133.6
39	67.1		60.2	90.2





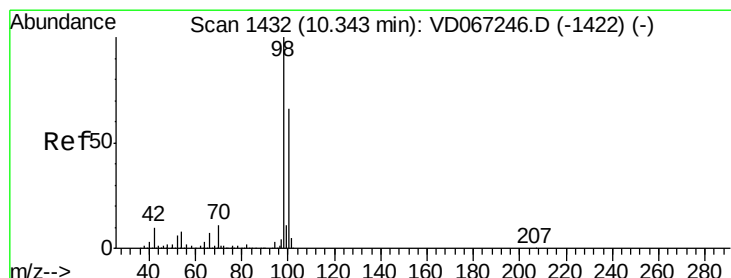
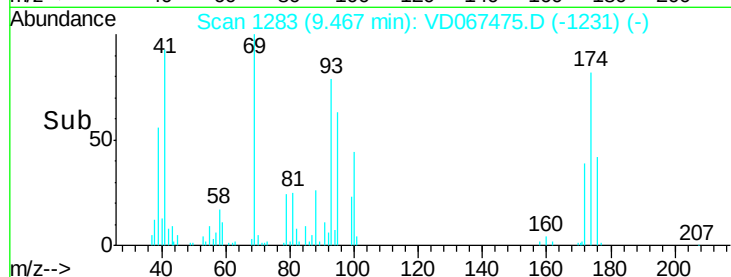
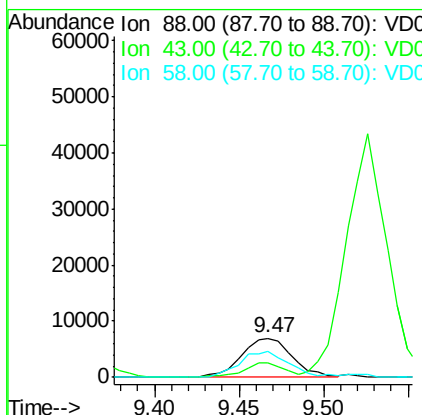
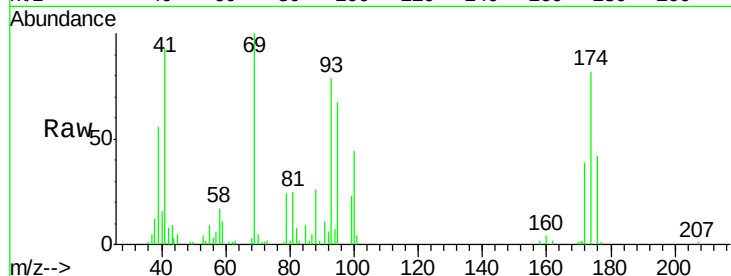
#49
1,4-Dioxane
Concen: 1124.203 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.5	23.9	35.9	
58	64.6	51.0	76.6	

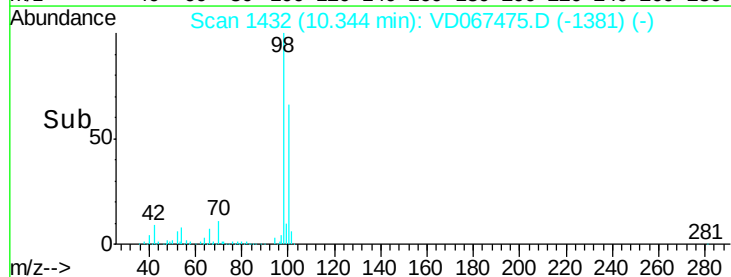
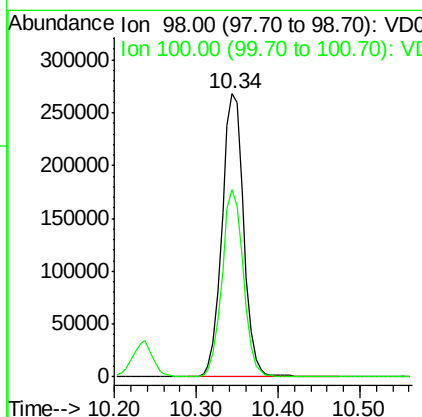
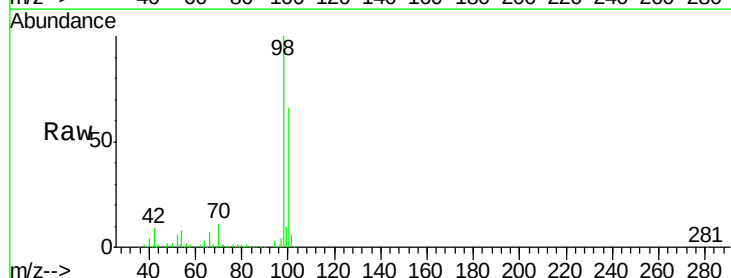
Manual Integrations
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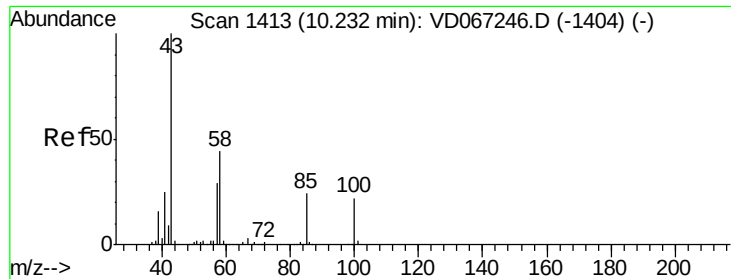
MMDadoda
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#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.1	53.1	79.7	





#51

4-Methyl-2-Pentanone

Concen: 268.404 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 43 Resp: 263311

Ion Ratio Lower Upper

43 100

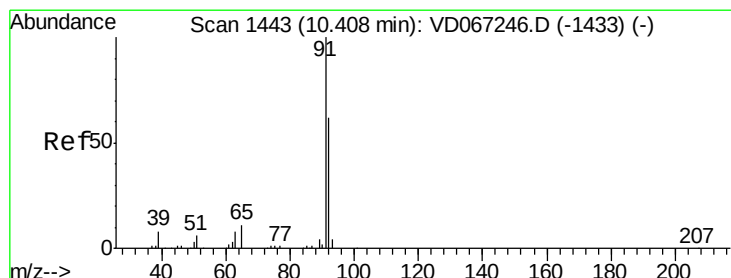
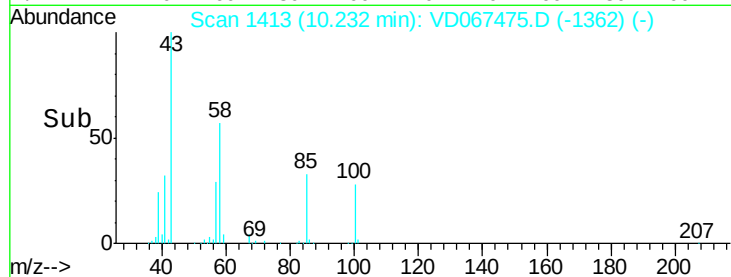
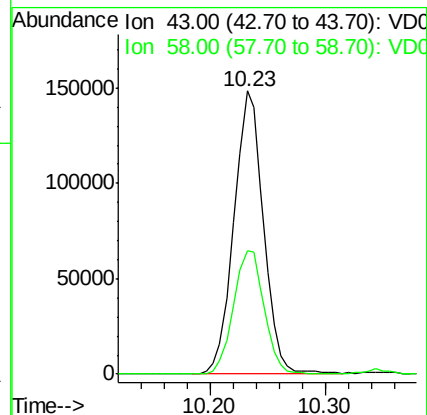
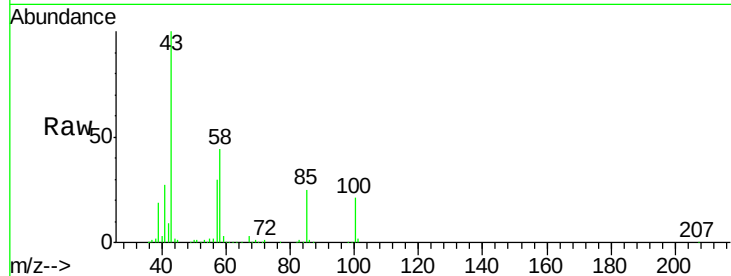
58 45.3 35.7 53.5

Manual Integrations

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#52

Toluene

Concen: 54.926 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067475.D

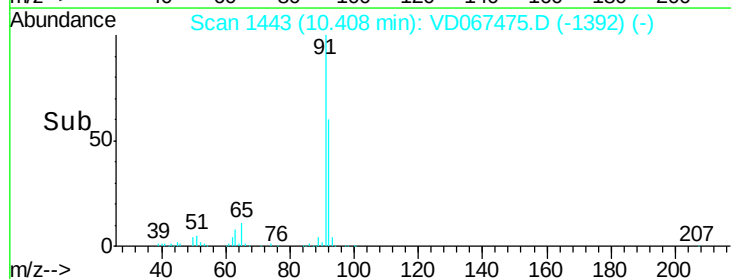
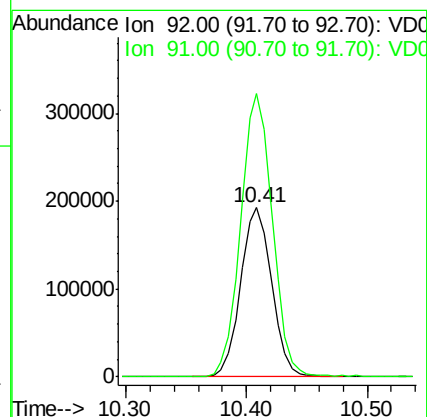
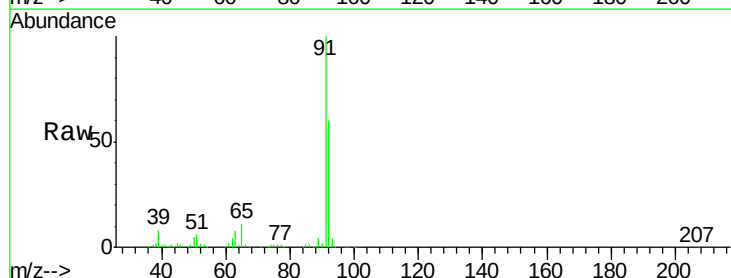
Acq: 30 Oct 2020 16:37

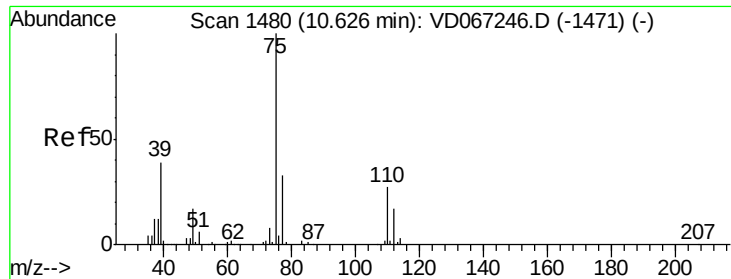
Tgt Ion: 92 Resp: 345773

Ion Ratio Lower Upper

92 100

91 171.0 133.8 200.8





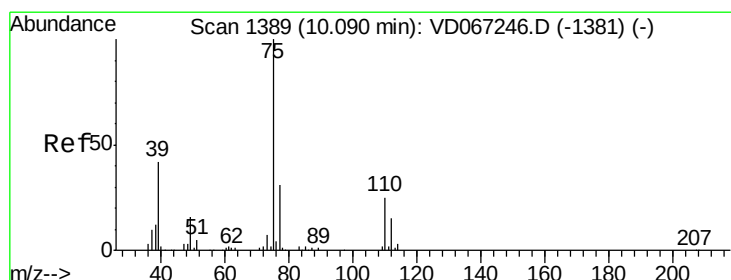
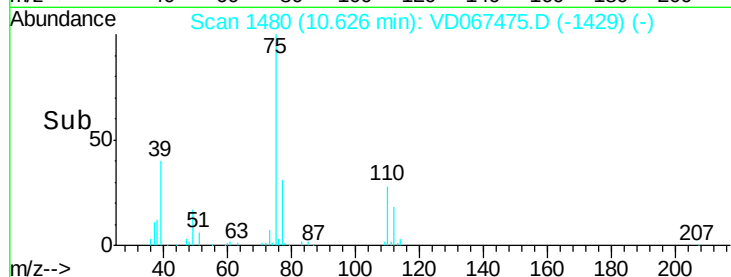
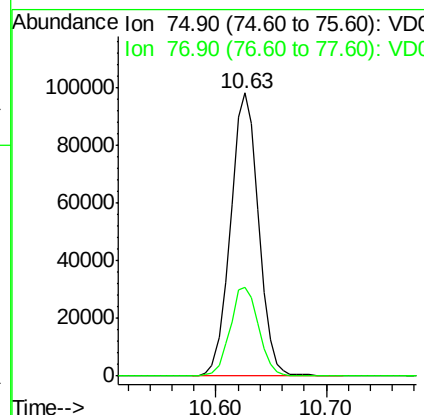
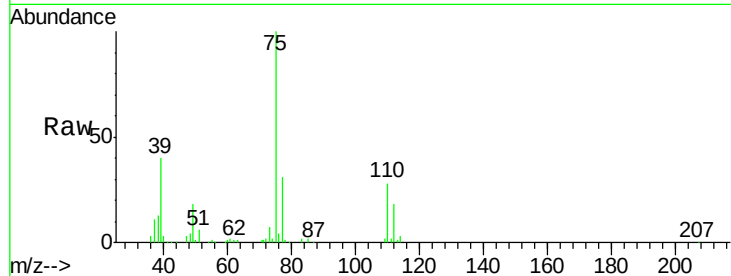
#53
 t-1,3-Dichloropropene
 Concen: 55.628 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion: 75 Resp: 174734
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.5 39.7

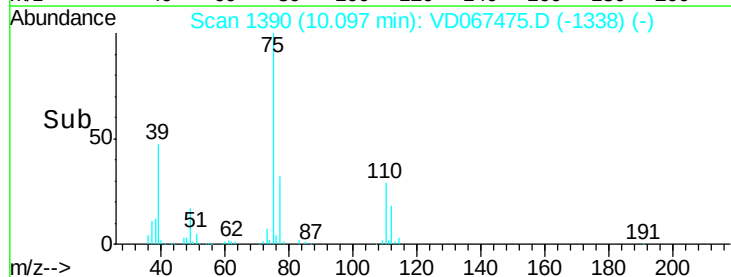
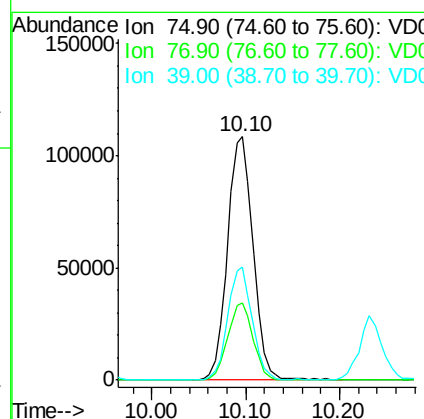
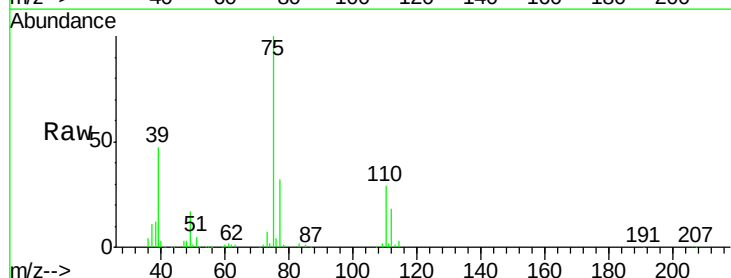
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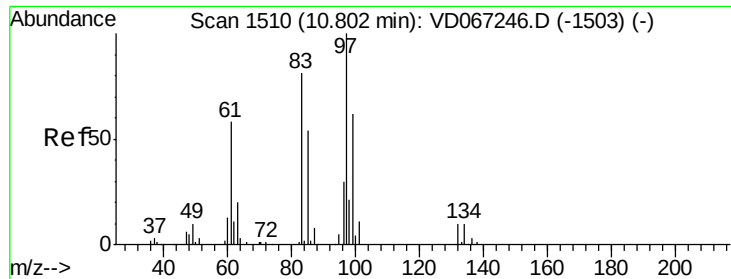
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#54
 cis-1,3-Dichloropropene
 Concen: 55.780 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 75 Resp: 205051
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.5 36.7
 39 46.7 33.7 50.5





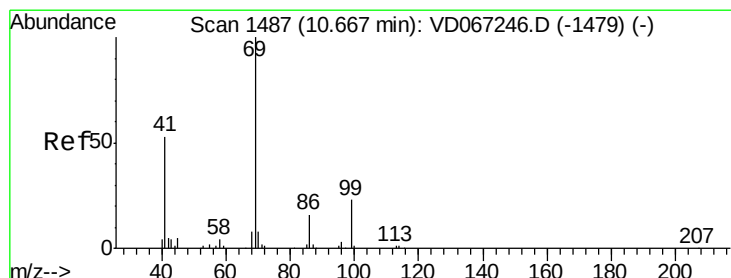
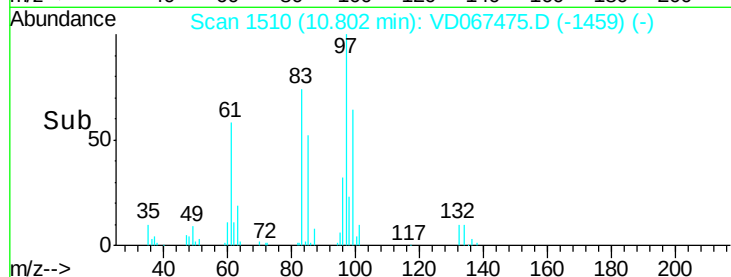
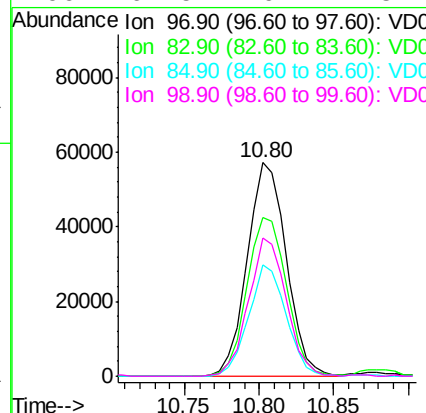
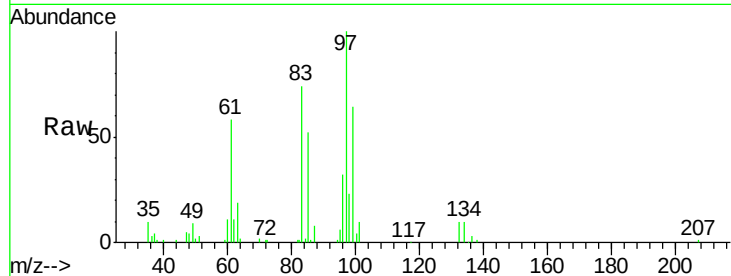
#55
 1,1,2-Trichloroethane
 Concen: 56.833 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion:	97	Resp:	103432
Ion	Ratio	Lower	Upper
97	100		
83	74.5	64.9	97.3
85	52.0	43.3	64.9
99	64.5	49.1	73.7

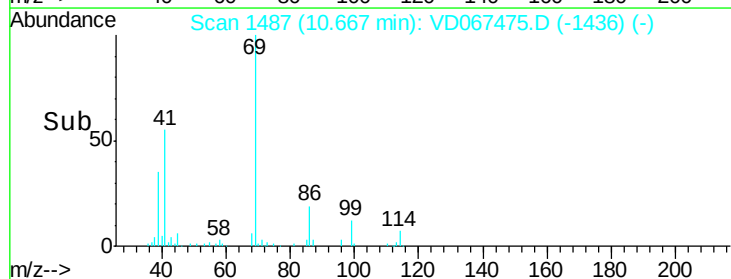
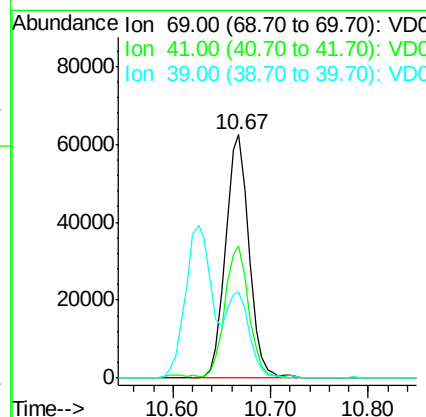
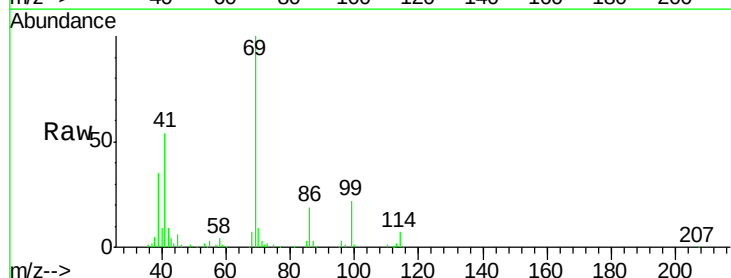
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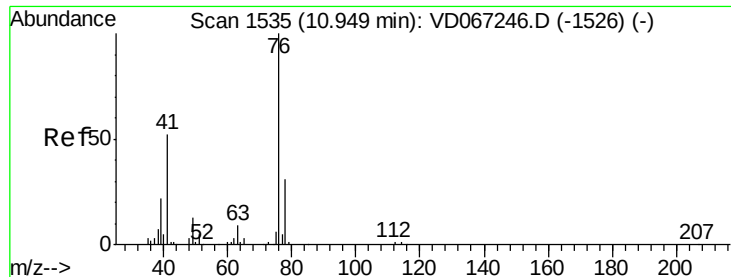
MMDadoda
 11/2/2020 4:09:33 PM



#56
 Ethyl methacrylate
 Concen: 55.281 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion:	69	Resp:	104341
Ion	Ratio	Lower	Upper
69	100		
41	54.5	44.7	67.1
39	33.6	26.2	39.2





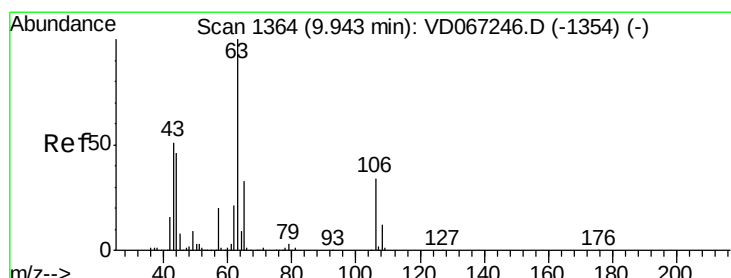
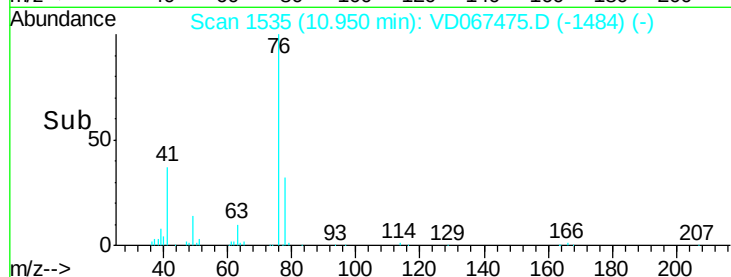
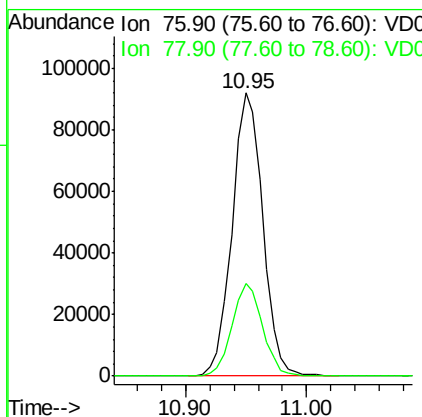
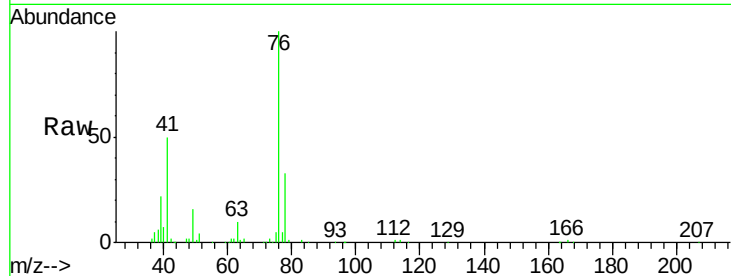
#57
 1,3-Dichloropropane
 Concen: 56.229 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion: 76 Resp: 162855
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.8 40.2

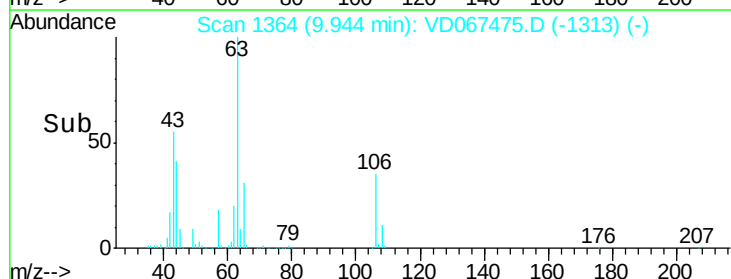
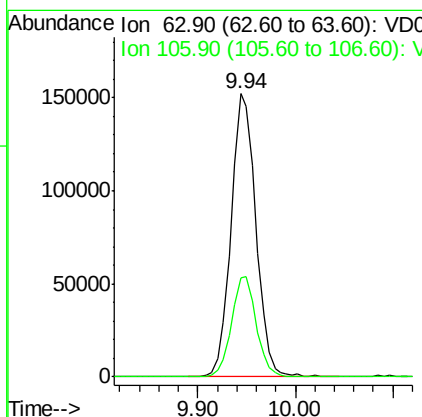
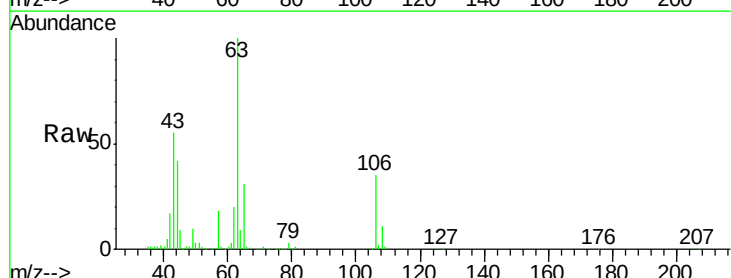
Manual Integrations
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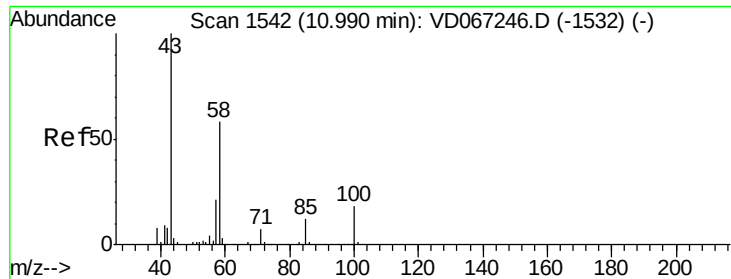
MMDadoda
 11/2/2020 4:09:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.491 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion: 63 Resp: 267719
 Ion Ratio Lower Upper
 63 100
 106 35.4 27.8 41.6





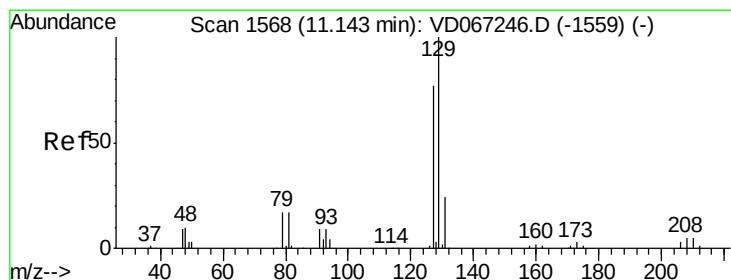
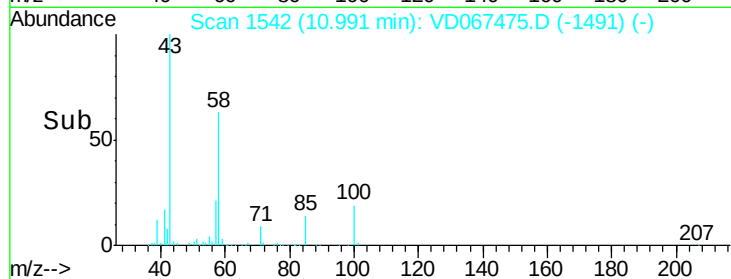
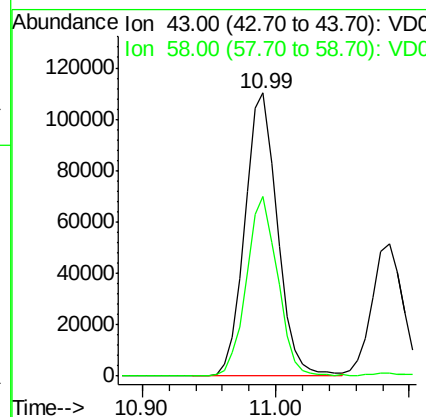
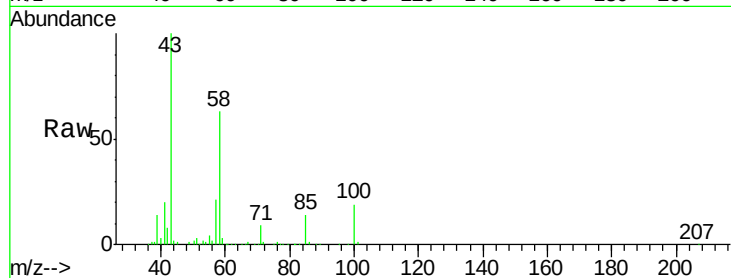
#59
2-Hexanone
Concen: 276.218 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.8	29.3	87.9

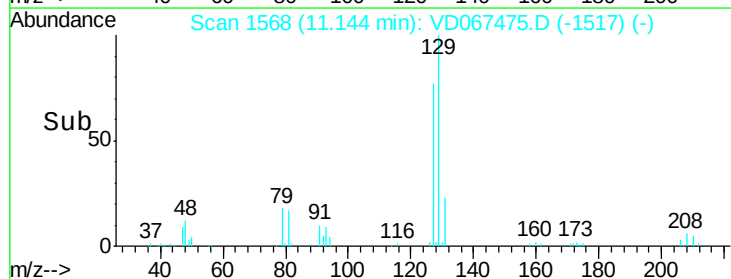
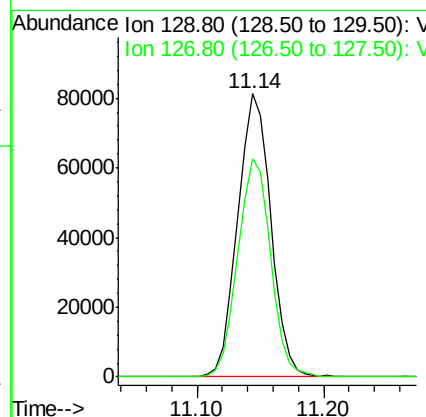
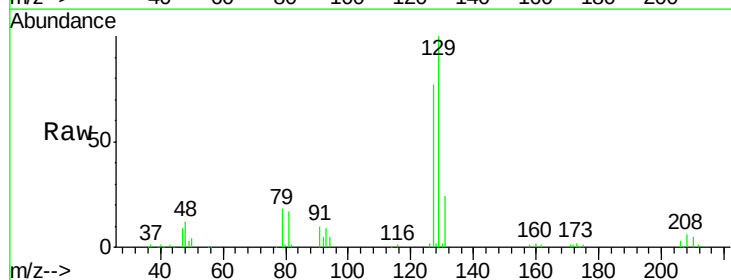
Manual Integrations
APPROVED

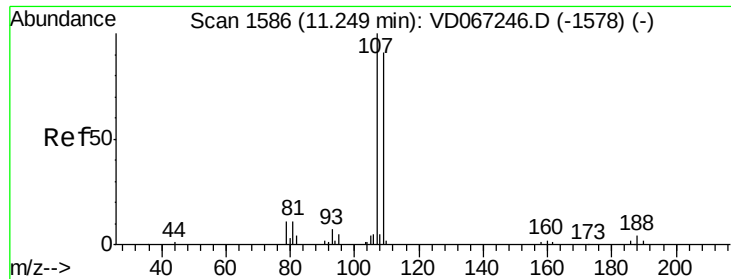
MMDadoda
11/2/2020 4:09:33 PM



#60
Dibromochloromethane
Concen: 55.562 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.3	114.8





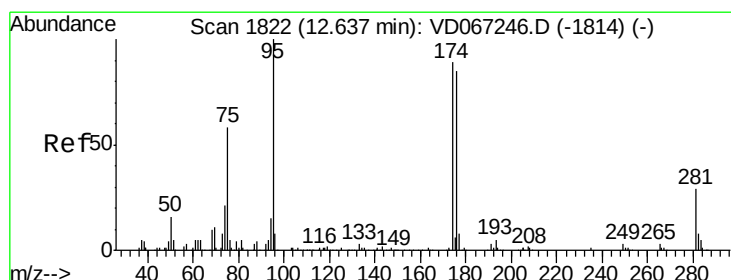
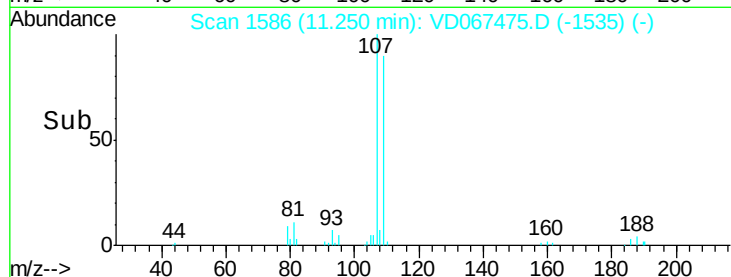
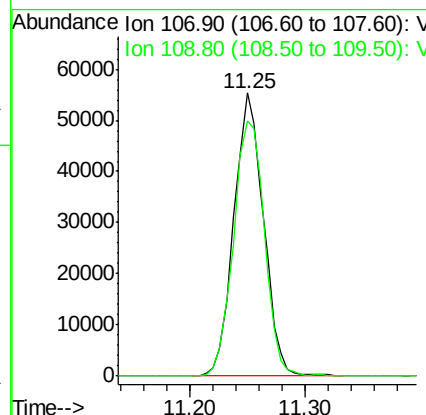
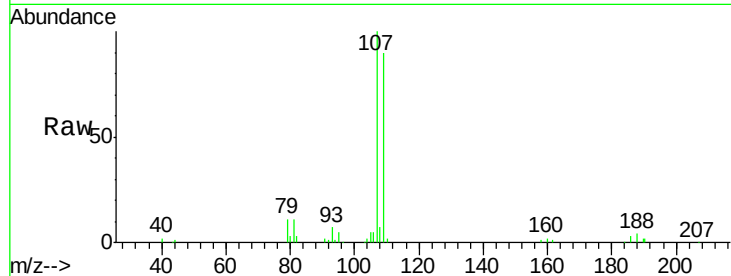
#61
 1,2-Dibromoethane
 Concen: 54.822 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.6	112.0

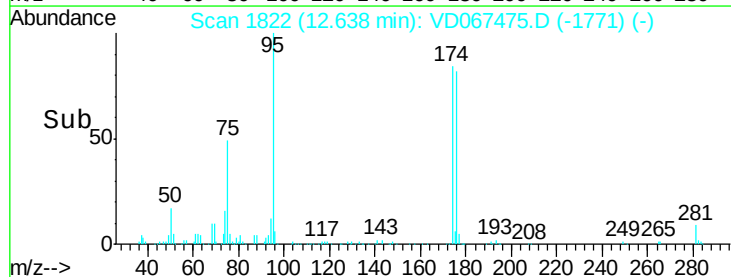
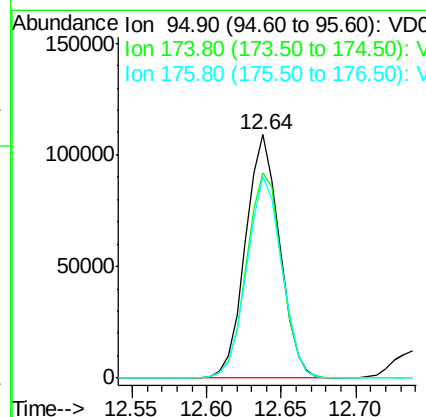
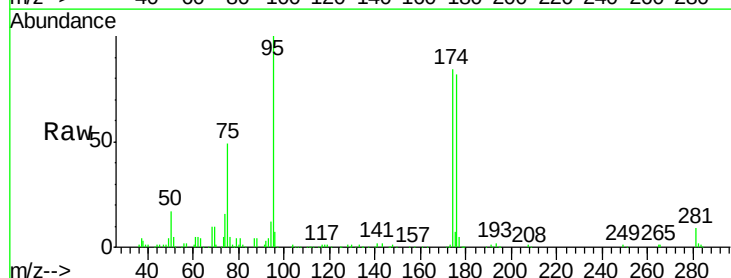
Manual Integrations
 APPROVED

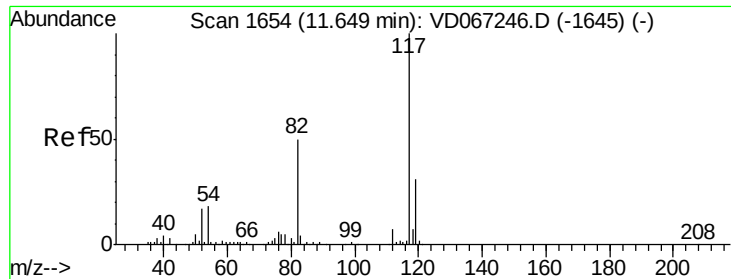
MMDadoda
 11/2/2020 4:09:33 PM



#62
 4-Bromofluorobenzene
 Concen: 51.830 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	175.2
176	84.7	0.0	168.6





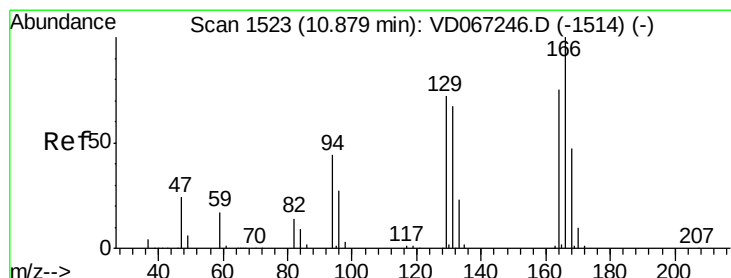
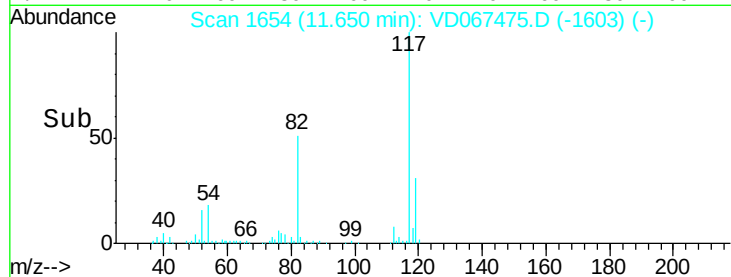
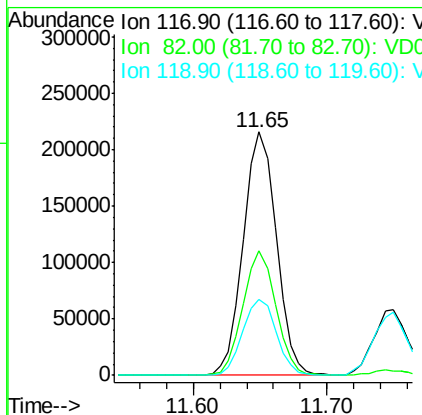
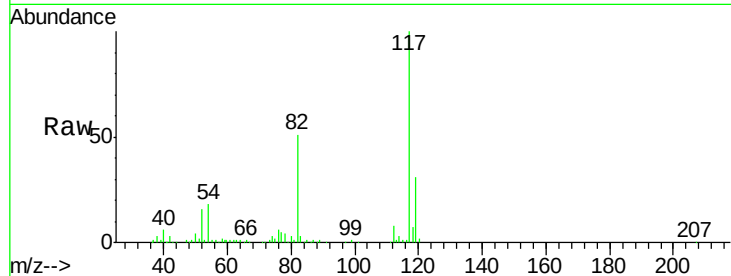
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	371042		
82	51.3		39.9	59.9
119	31.0		24.9	37.3

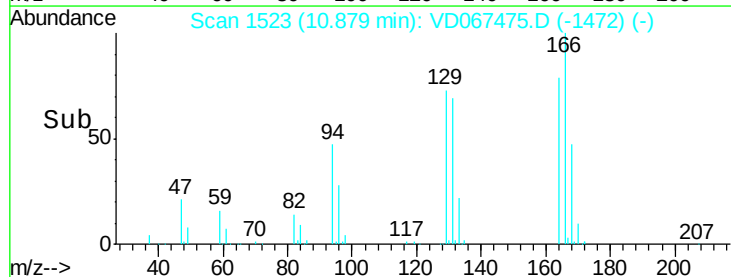
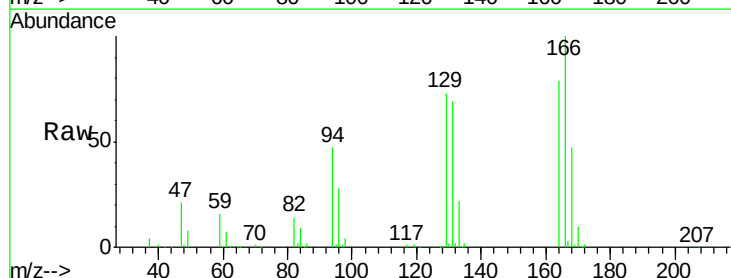
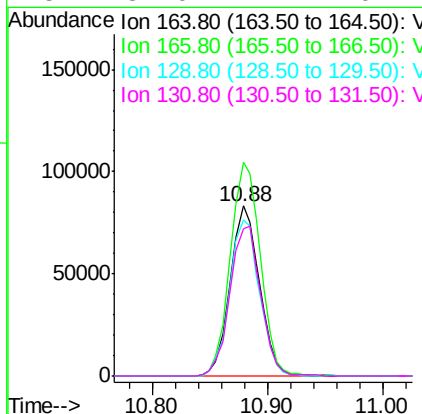
Manual Integrations
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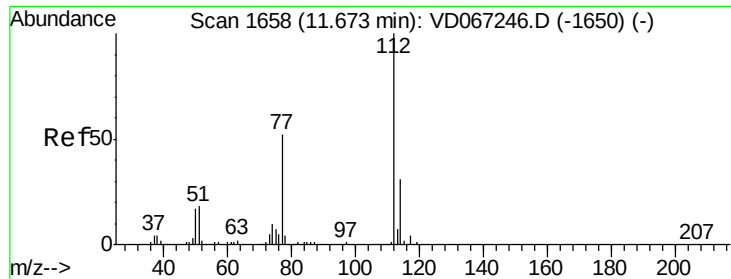
MMDadoda
11/2/2020 4:09:33 PM



#64
Tetrachloroethene
Concen: 54.517 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146559		
166	125.9		107.3	160.9
129	92.0		77.3	115.9
131	87.0		71.4	107.2





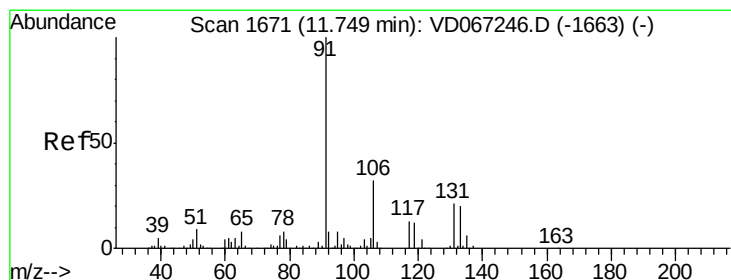
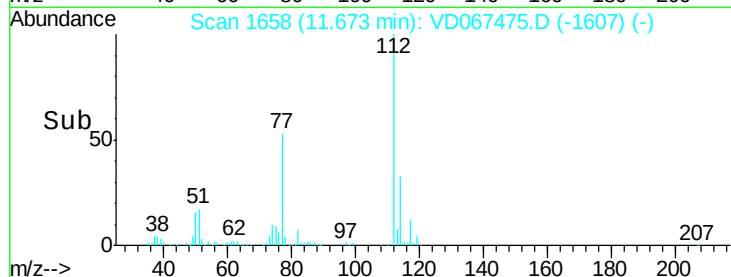
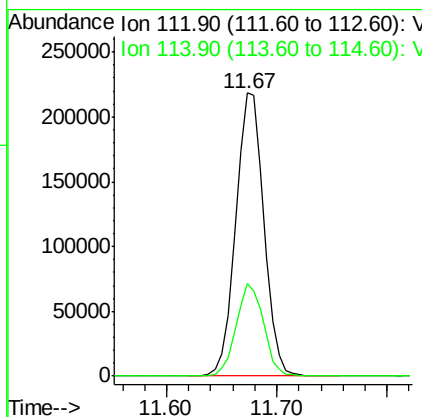
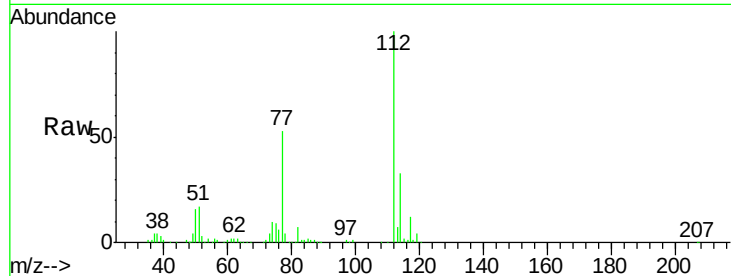
#65
Chlorobenzene
Concen: 54.926 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.0	37.4

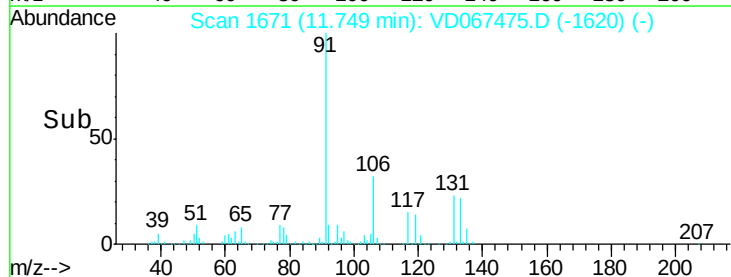
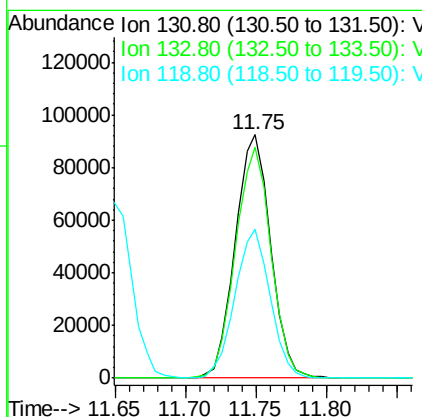
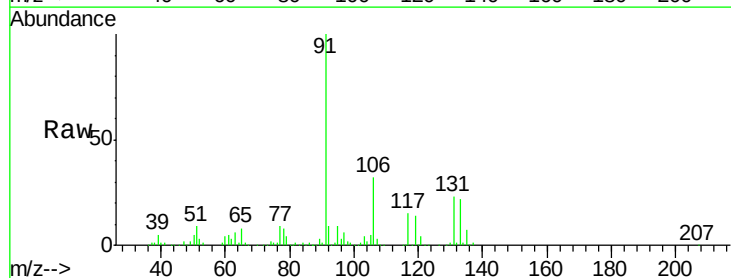
Manual Integrations
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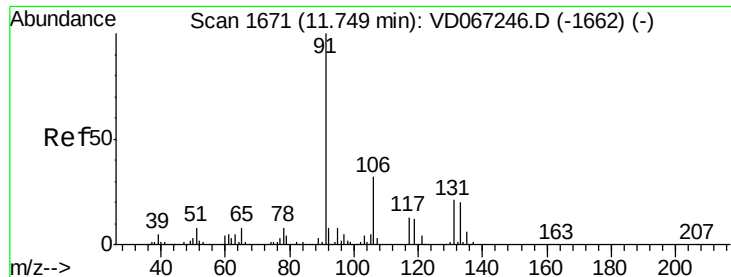
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.261 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.1	144.3
119	61.1	30.0	90.0





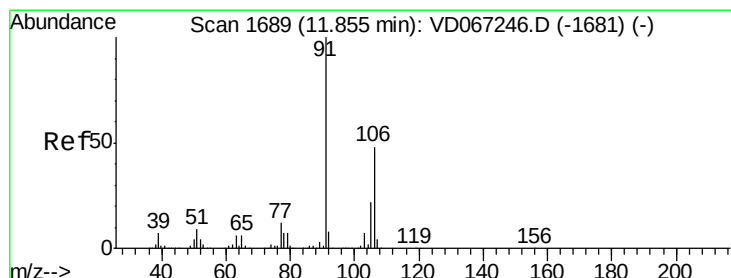
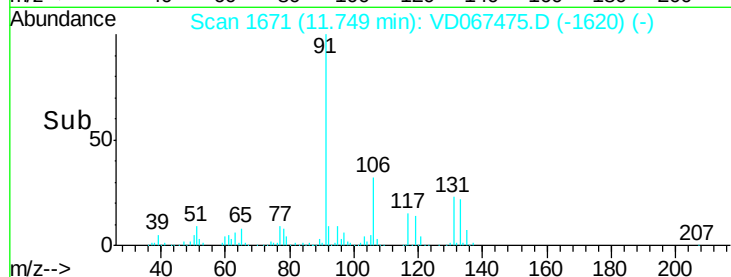
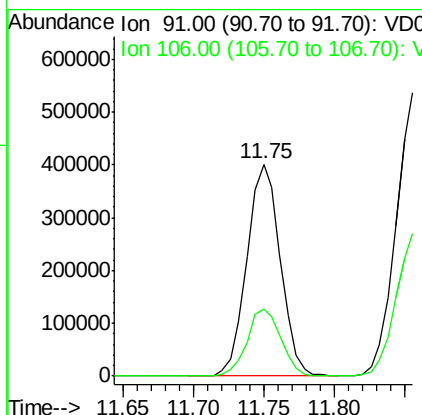
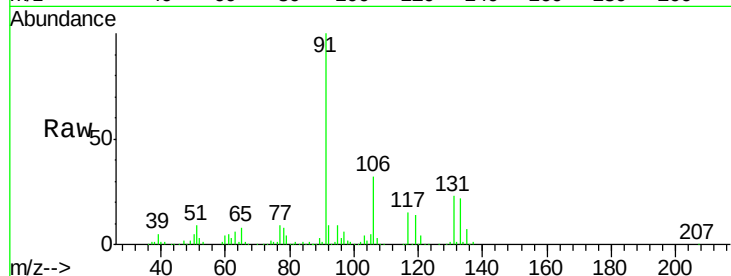
#67
Ethyl Benzene
Concen: 54.832 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion: 91 Resp: 668771
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

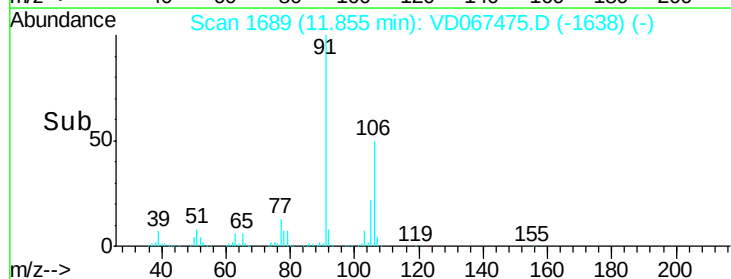
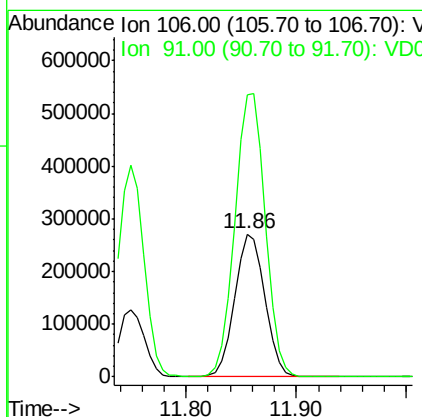
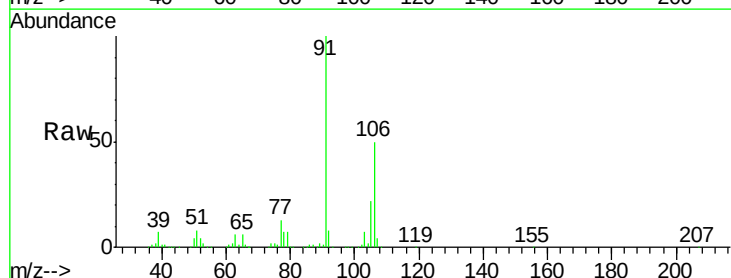
Manual Integrations
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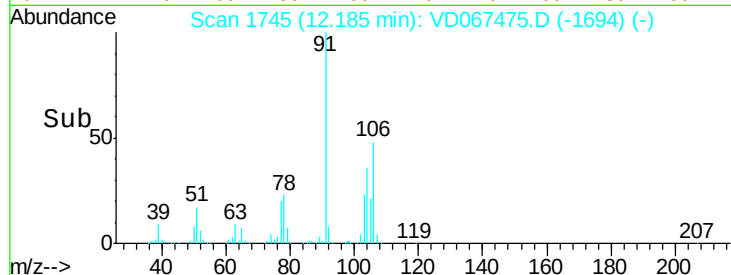
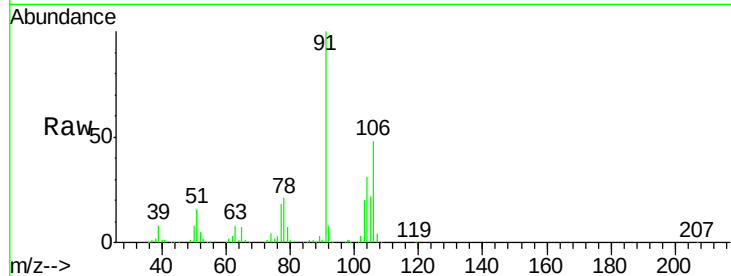
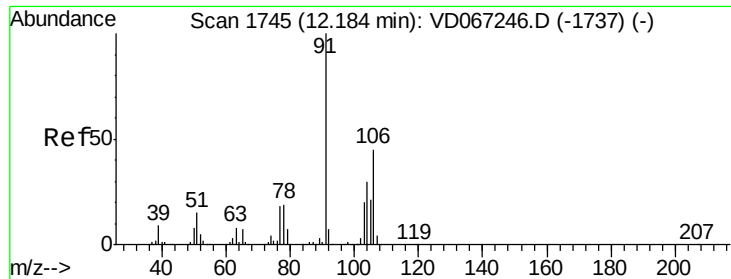
MMDadoda
11/2/2020 4:09:33 PM



#68
m/p-Xylenes
Concen: 110.429 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion: 106 Resp: 518657
Ion Ratio Lower Upper
106 100
91 201.0 163.8 245.8





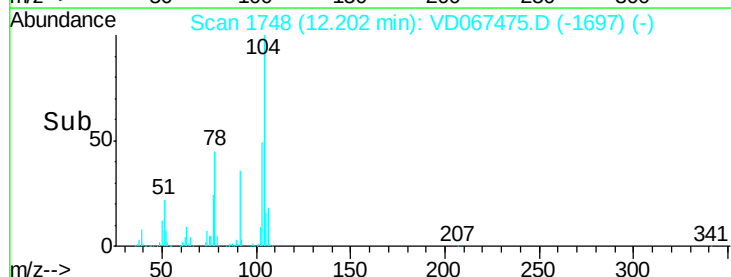
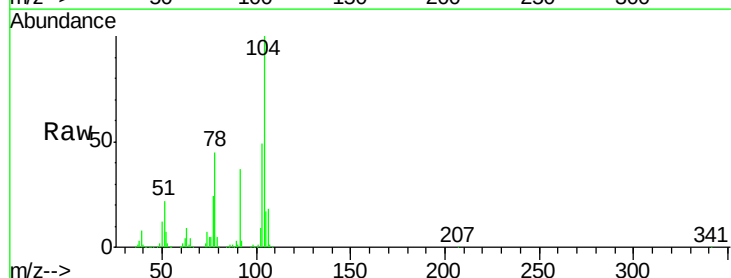
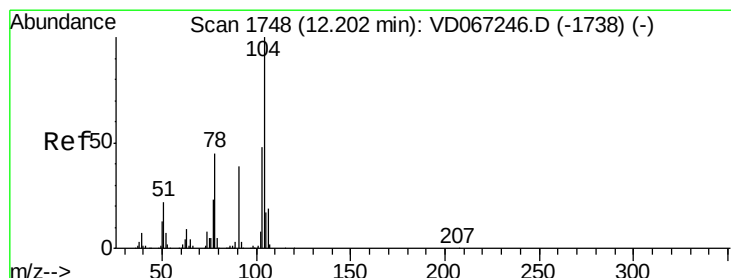
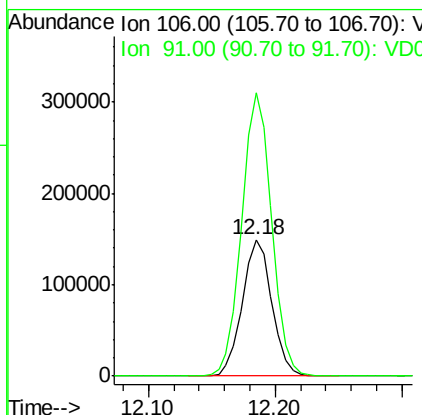
#69
o-Xylene
Concen: 55.650 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	242035		
91	209.6	109.1	327.3		

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

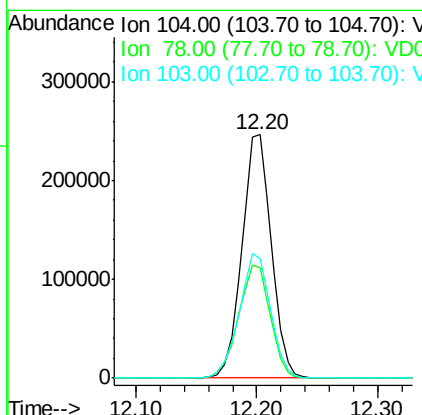
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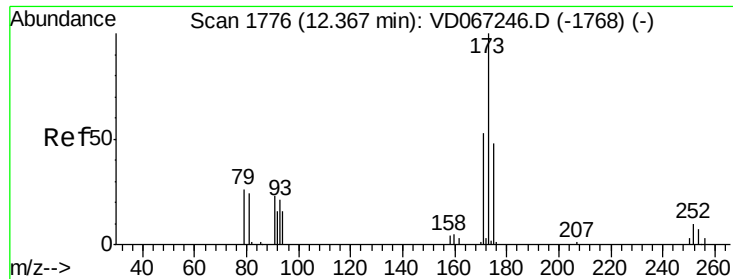
MMDadoda
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#70
Styrene
Concen: 56.015 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	419383		
78	50.1	39.8	59.6		
103	54.2	42.6	64.0		





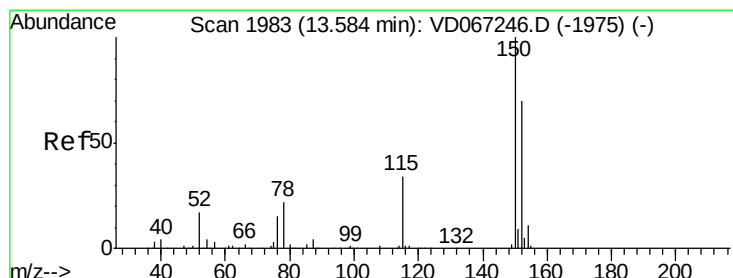
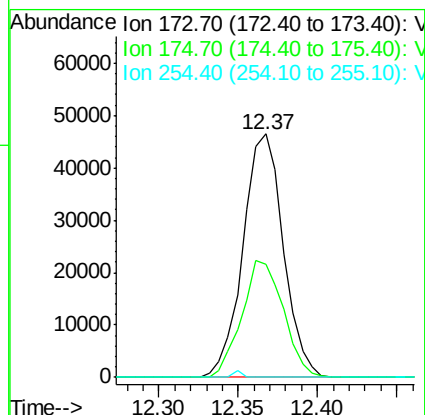
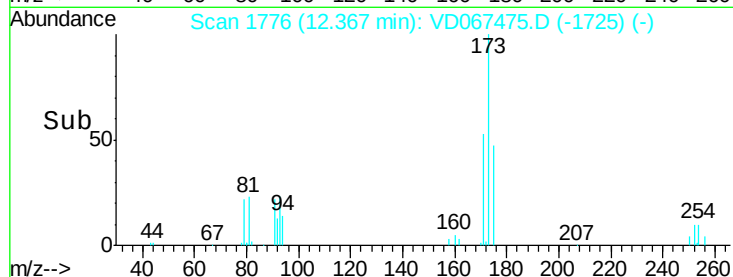
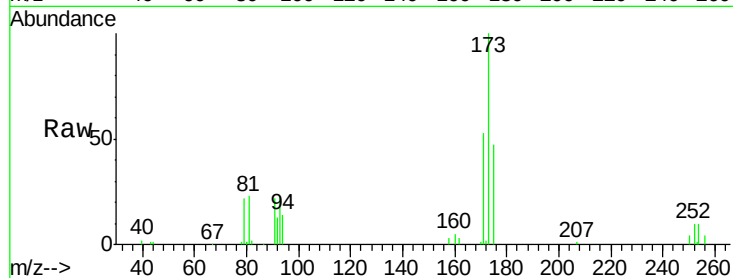
#71
Bromoform
Concen: 54.052 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.2	72.6
254	0.6	0.1	0.1#

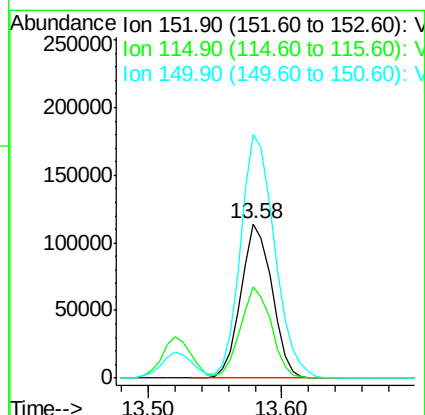
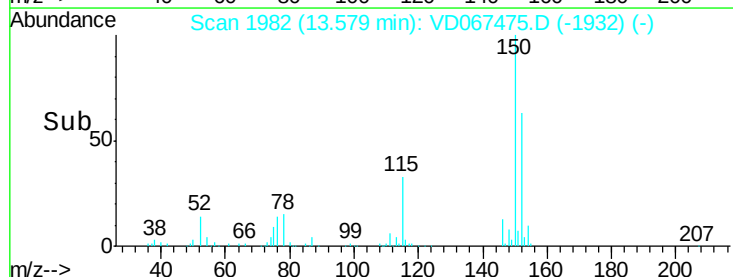
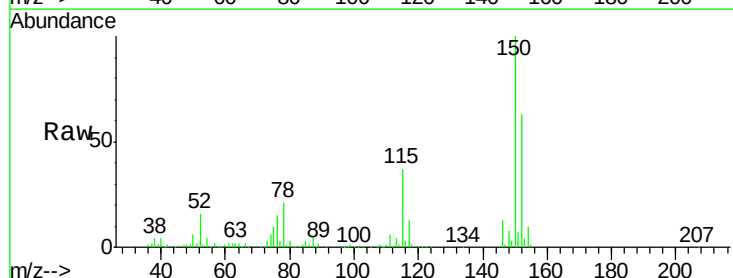
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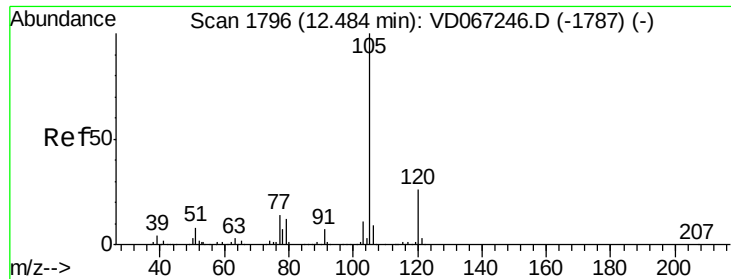
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	87.9
150	172.9	0.0	339.0





#73

Isopropylbenzene

Concen: 57.466 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:105 Resp: 671004

Ion Ratio Lower Upper

105 100

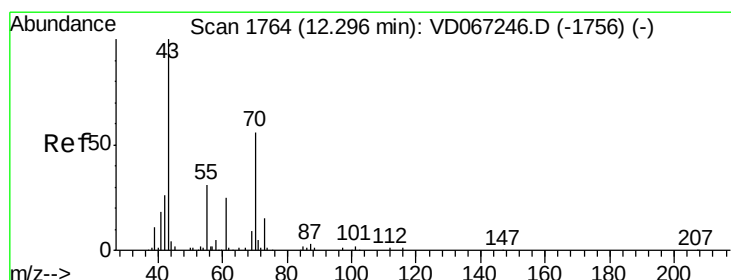
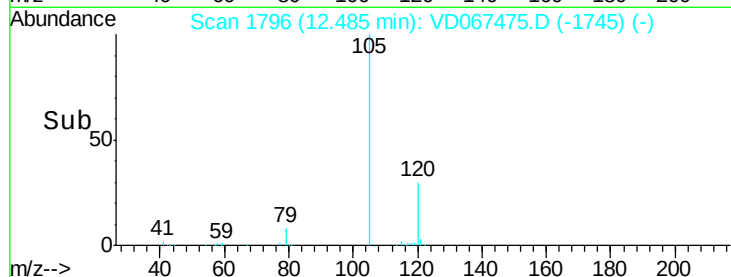
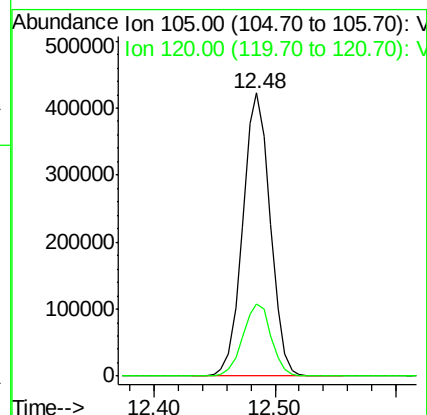
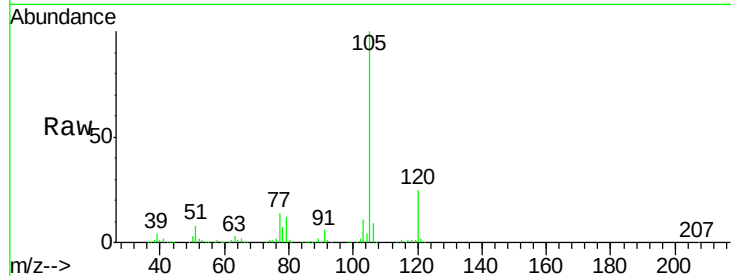
120 26.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.478 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion: 43 Resp: 87257

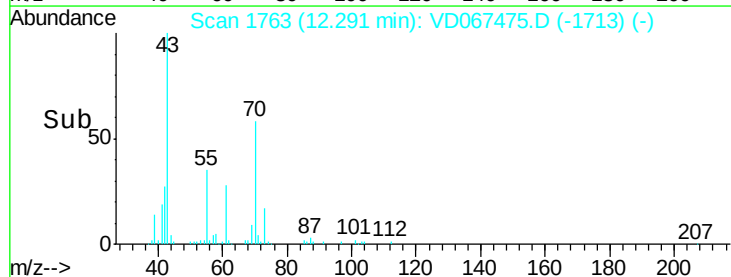
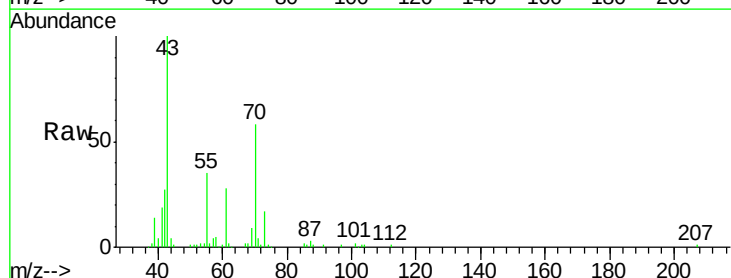
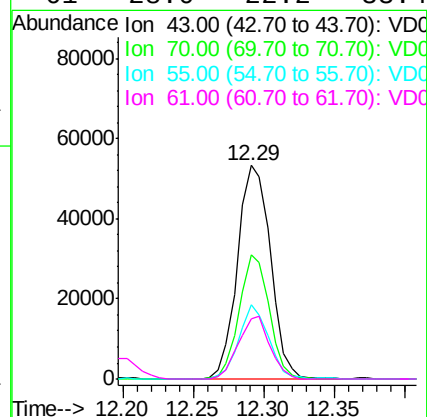
Ion Ratio Lower Upper

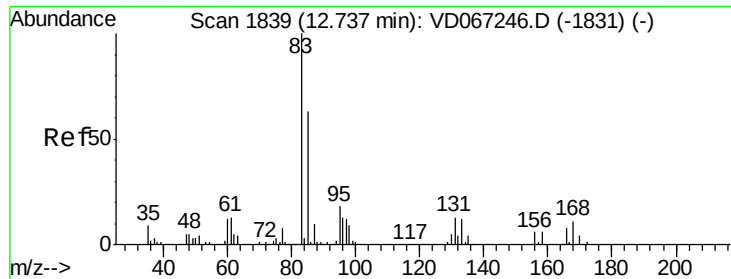
43 100

70 53.0 42.7 64.1

55 31.3 24.0 36.0

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.049 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

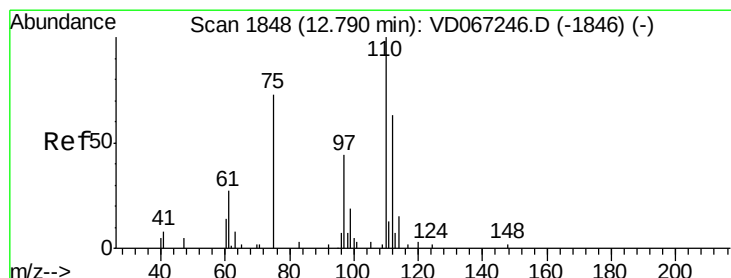
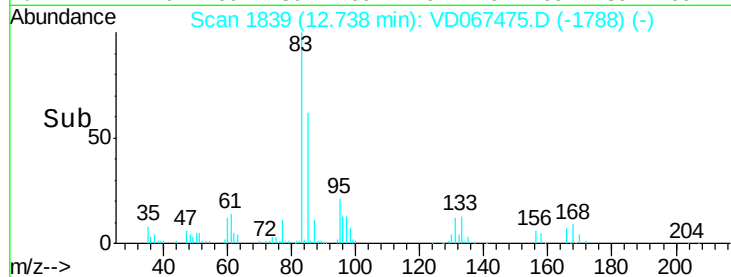
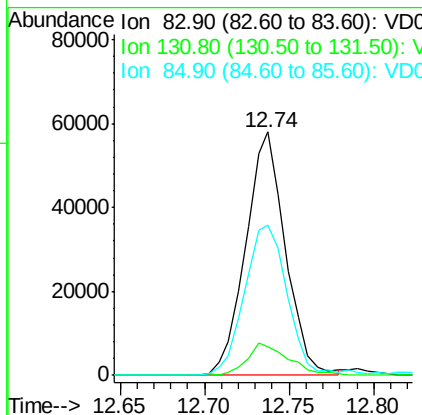
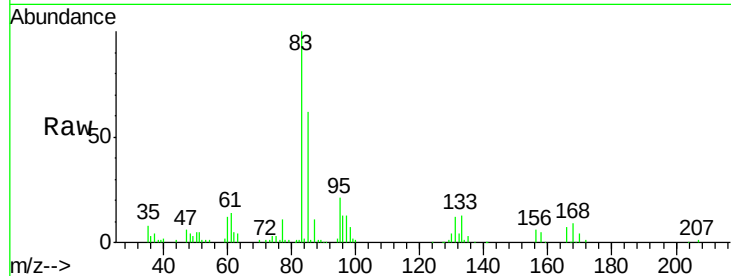
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	83	Resp:	94911
Ion Ratio	Lower	Upper	
83	100		
131	14.0	6.5	19.5
85	67.6	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 56.947 ug/l m

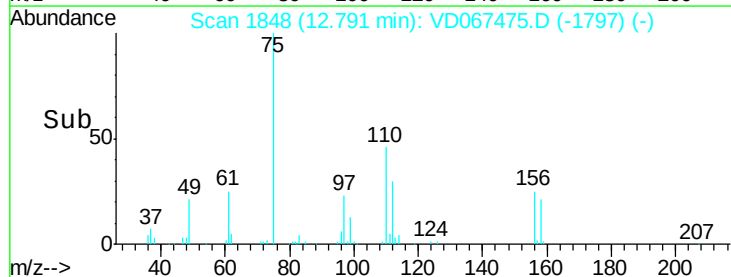
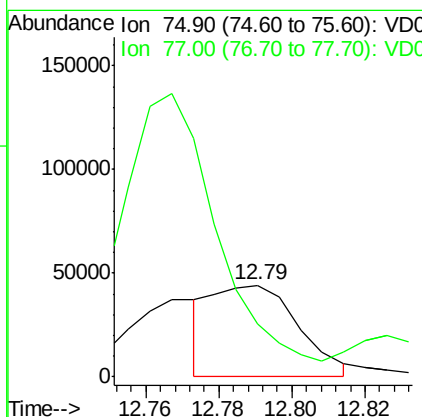
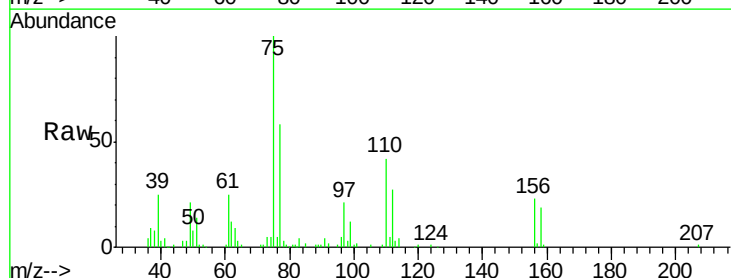
RT: 12.79 min Scan# 1848

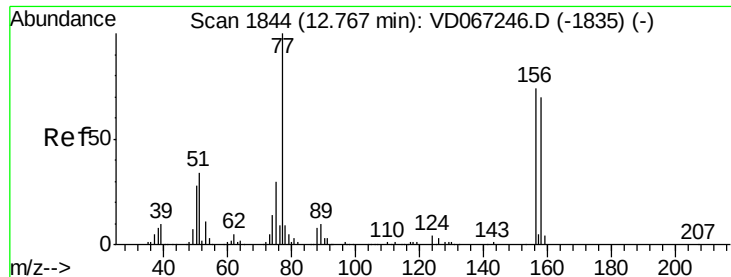
Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	75	Resp:	72616
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.878 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

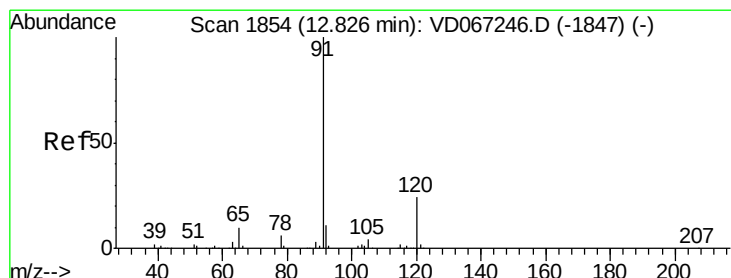
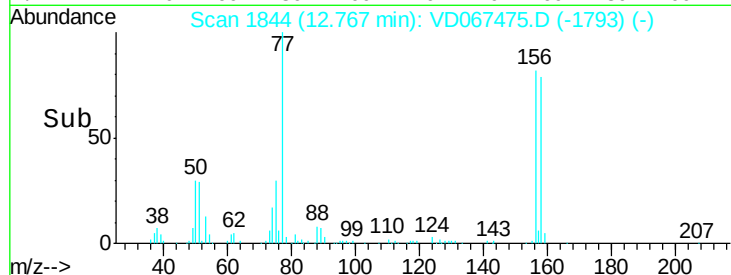
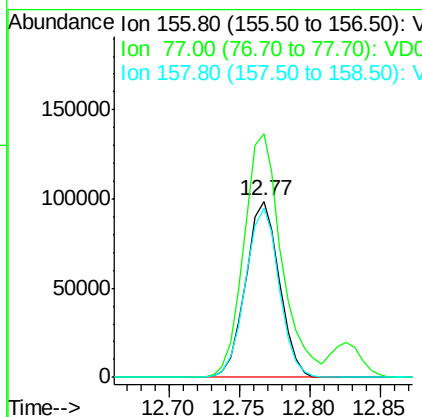
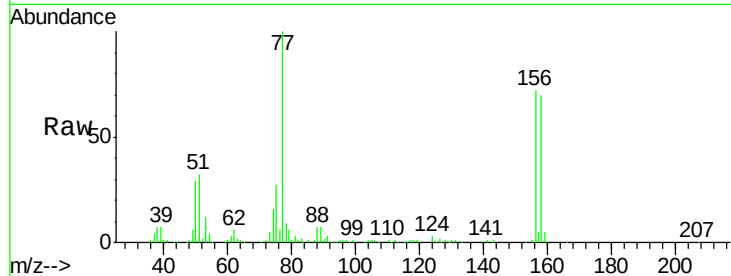
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	156	Resp:	165576
Ion Ratio	Lower	Upper	
156	100		
77	154.8	78.0	233.8
158	95.9	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 55.100 ug/l

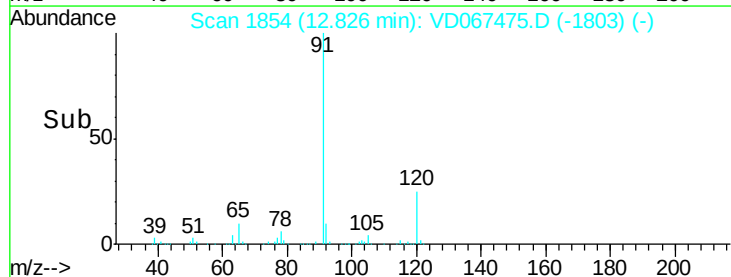
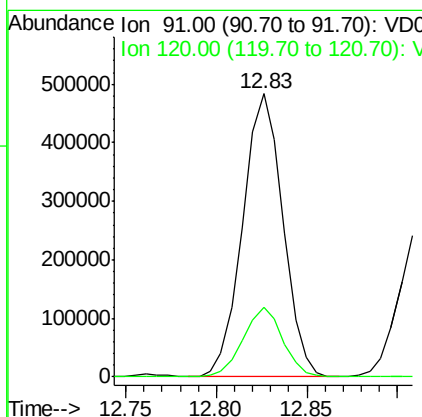
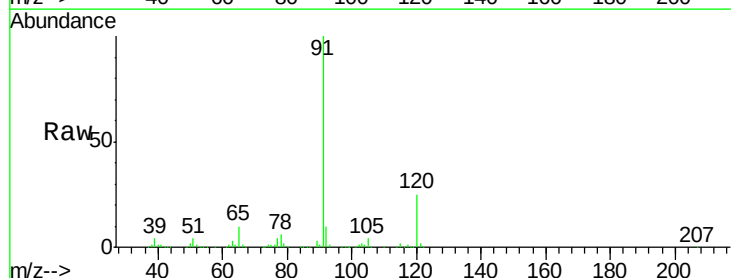
RT: 12.83 min Scan# 1854

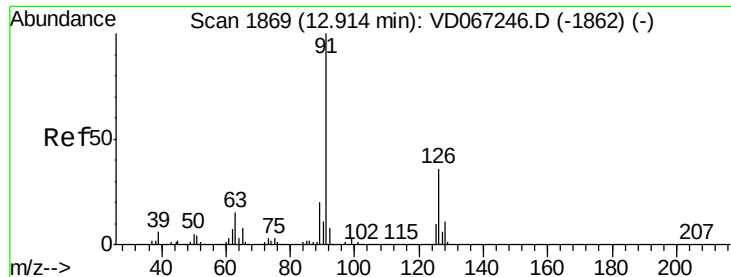
Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	91	Resp:	745434
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 56.077 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion: 91 Resp: 439961

Ion Ratio Lower Upper

91 100

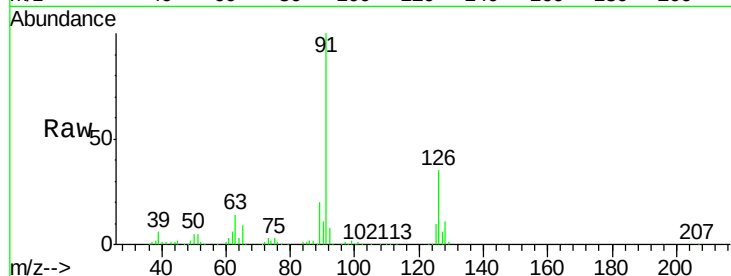
126 35.3 17.6 52.8

Manual Integrations

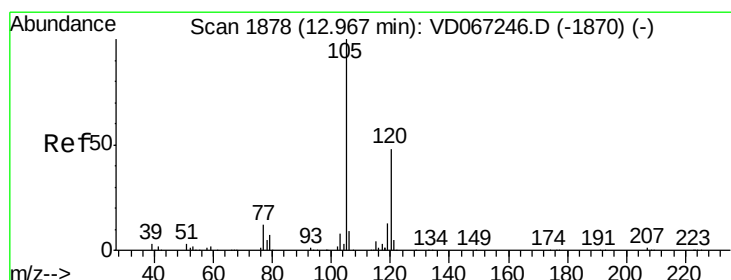
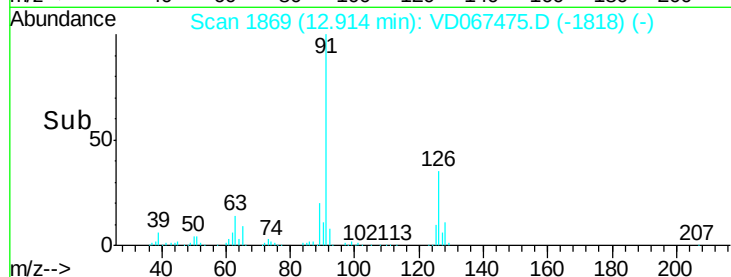
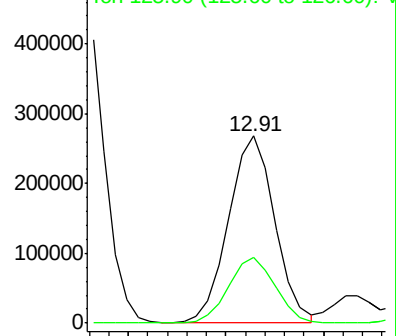
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Abundance Ion 91.00 (90.70 to 91.70): VD067475.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.547 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067475.D

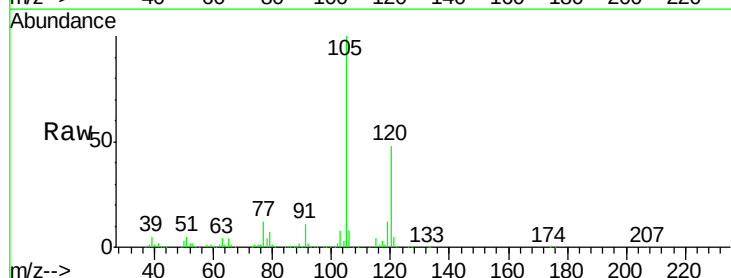
Acq: 30 Oct 2020 16:37

Tgt Ion: 105 Resp: 573777

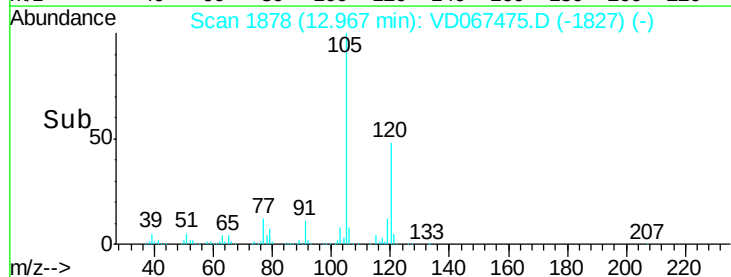
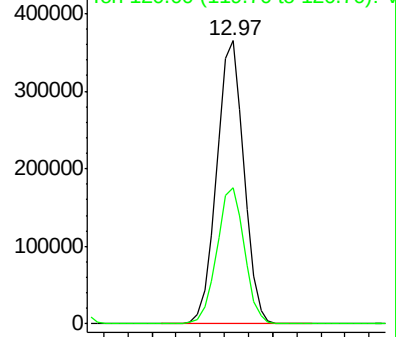
Ion Ratio Lower Upper

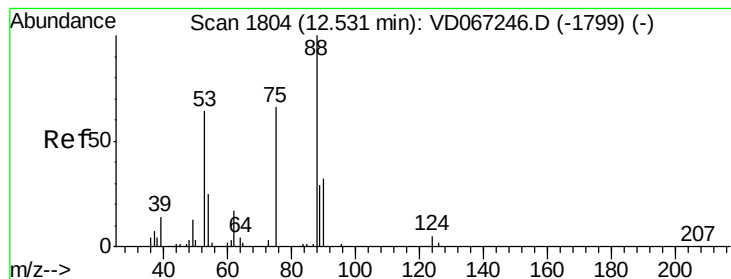
105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067475.D (-1870) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.371 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

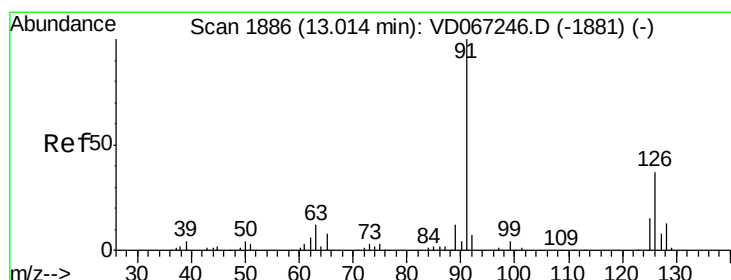
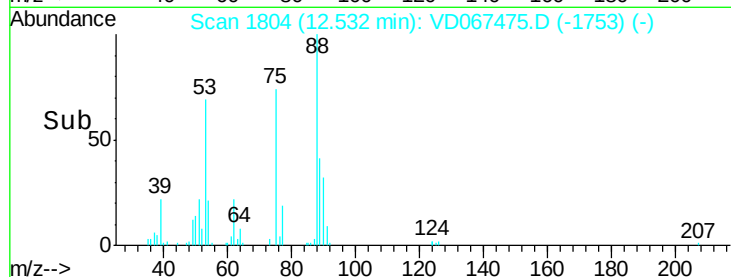
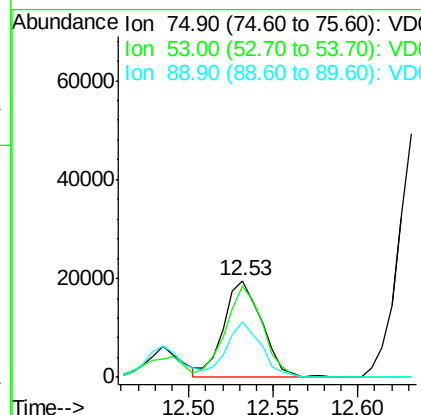
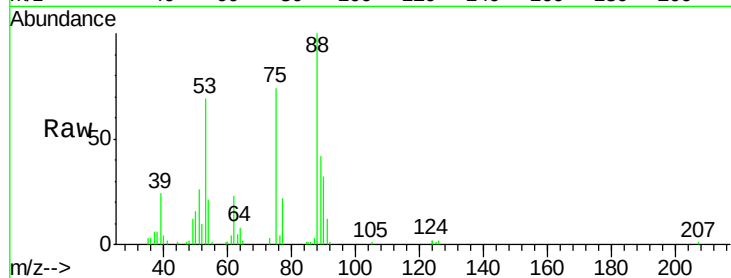
ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:	75	Resp:	31136
Ion	Ratio	Lower	Upper
75	100		
53	91.7	78.5	117.7
89	51.8	39.9	59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.837 ug/l

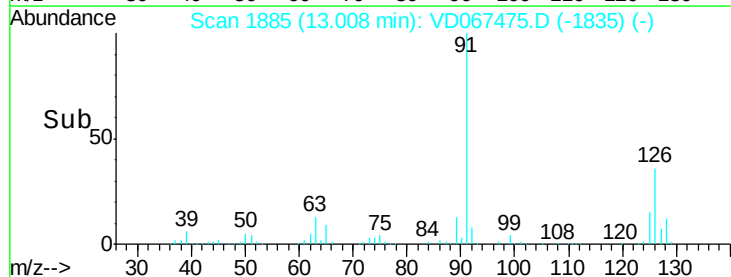
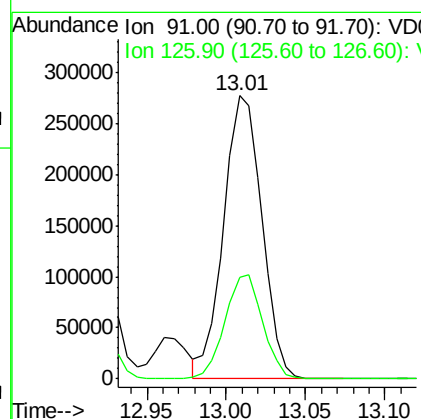
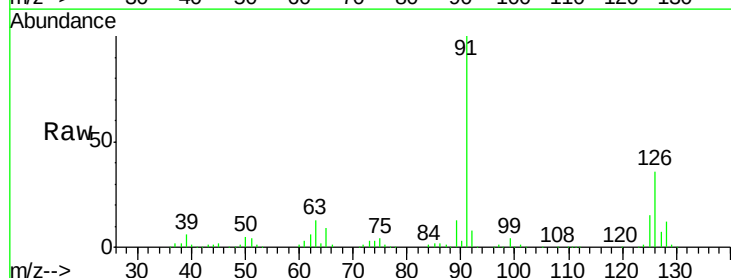
RT: 13.01 min Scan# 1885

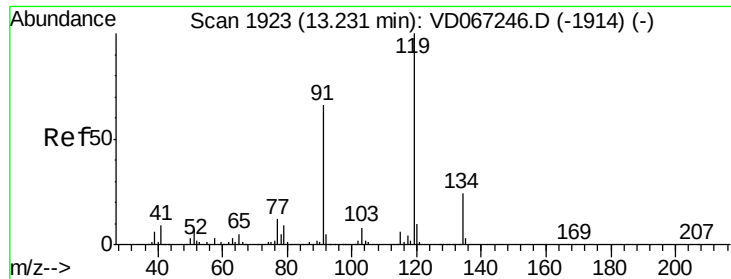
Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Tgt Ion:	91	Resp:	464950
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.8	53.5





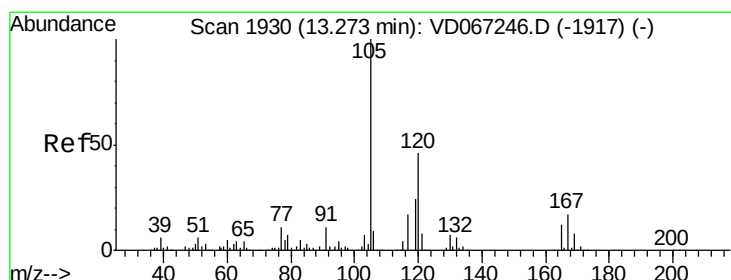
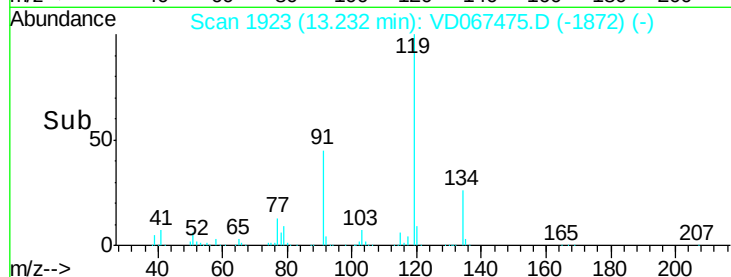
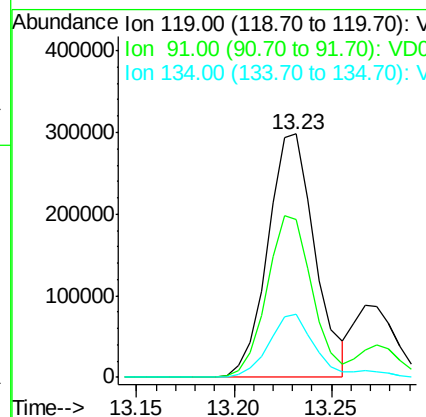
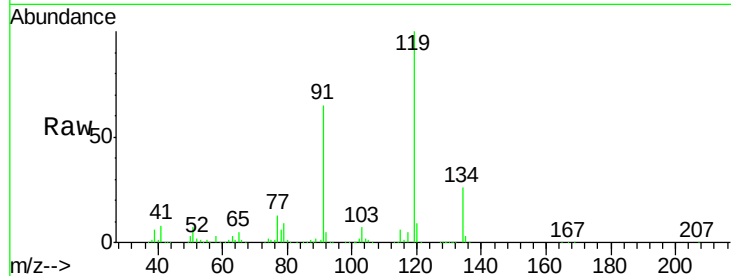
#83
 tert-Butylbenzene
 Concen: 58.092 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	497919		
91	64.1	33.1	99.2	
134	26.5	13.3	39.9	

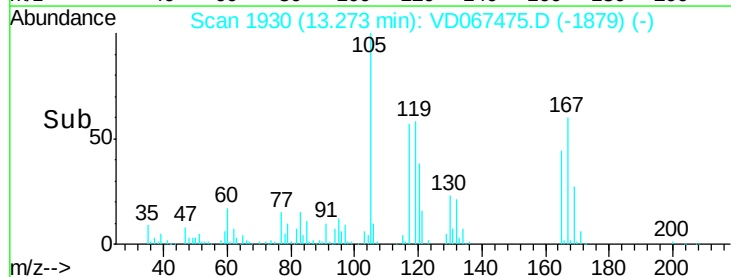
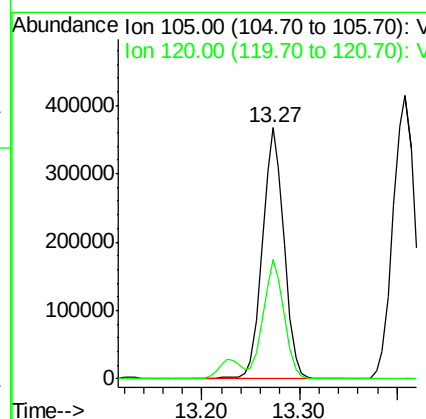
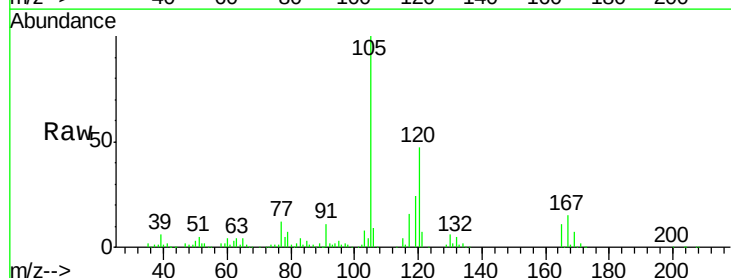
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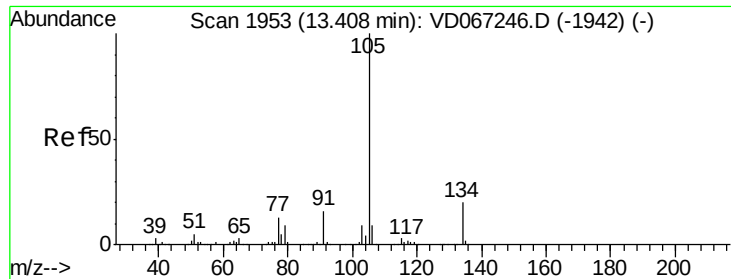
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.121 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	572861		
120	46.3	22.4	67.3	





#85

sec-Butylbenzene

Concen: 55.320 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MS

Tot Ion:105 Resp: 650620

Ion Ratio Lower Upper

105 100

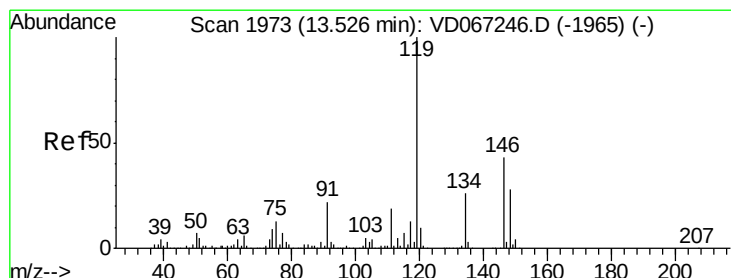
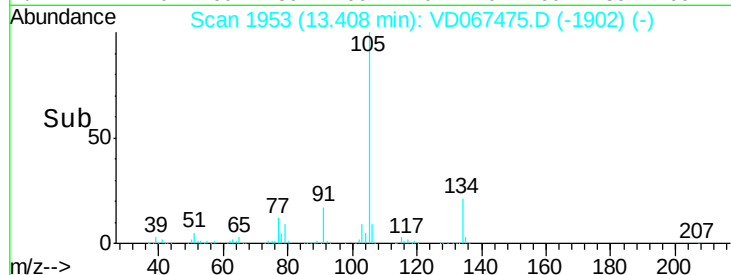
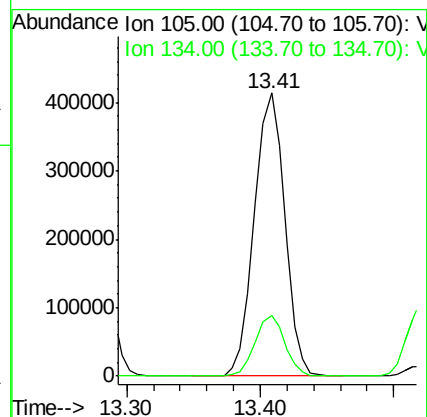
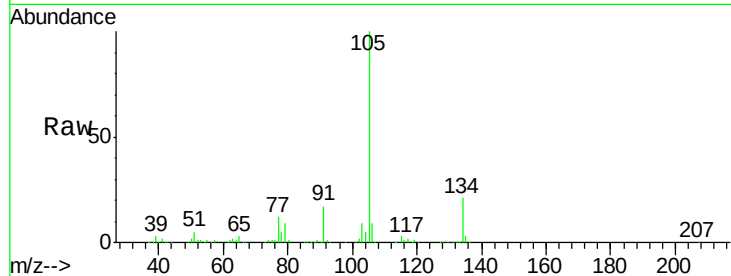
134 20.9 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 55.625 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067475.D

Acq: 30 Oct 2020 16:37

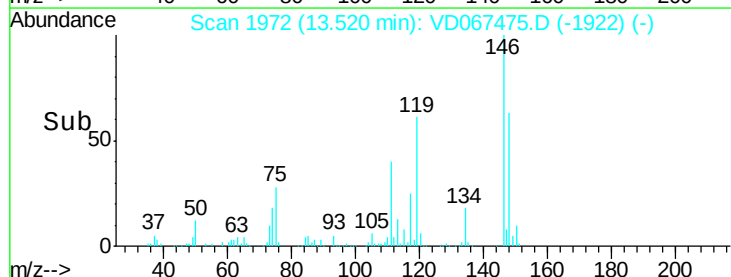
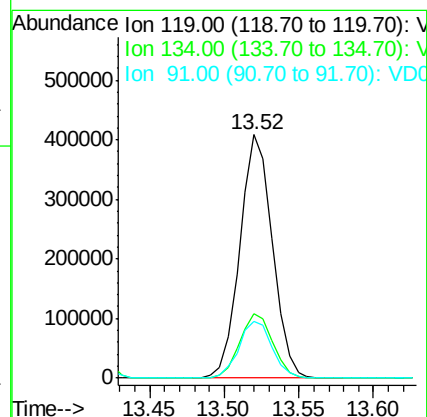
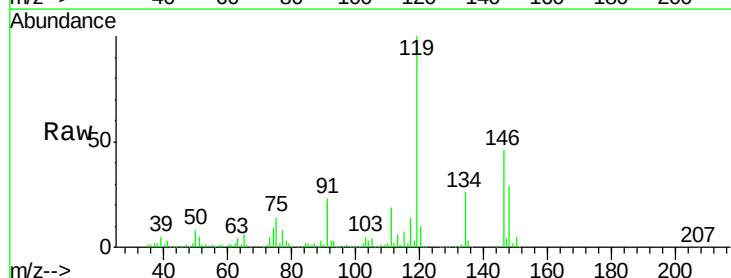
Tgt Ion:119 Resp: 617483

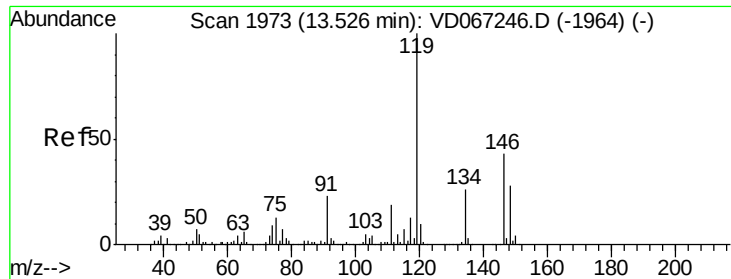
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.8 11.9 35.9





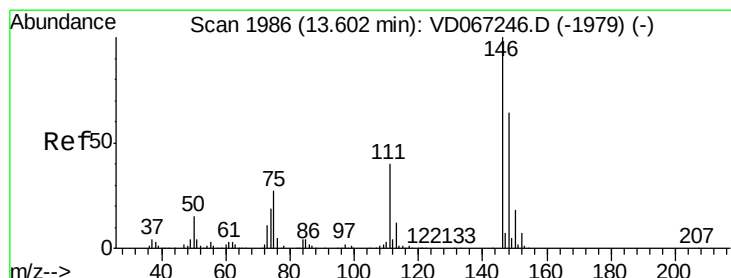
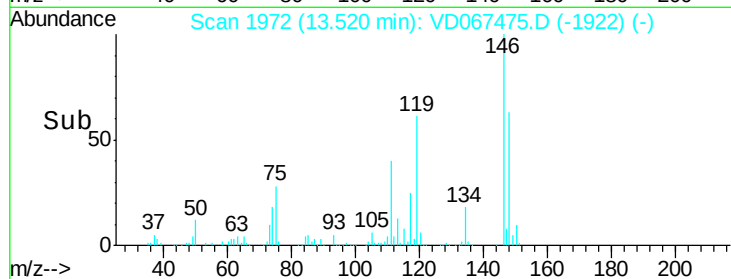
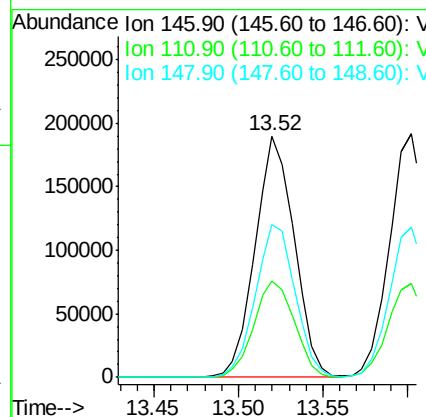
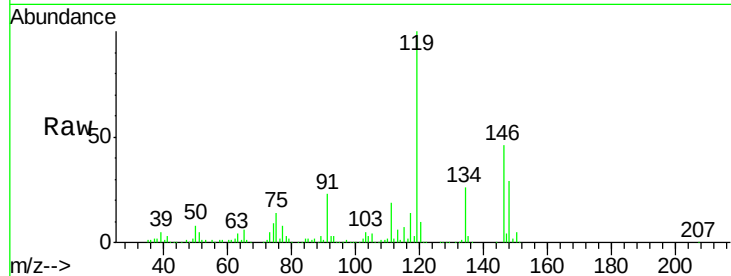
#87
 1,3-Dichlorobenzene
 Concen: 54.779 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	21.1	63.3	
148	64.2	31.9	95.9	

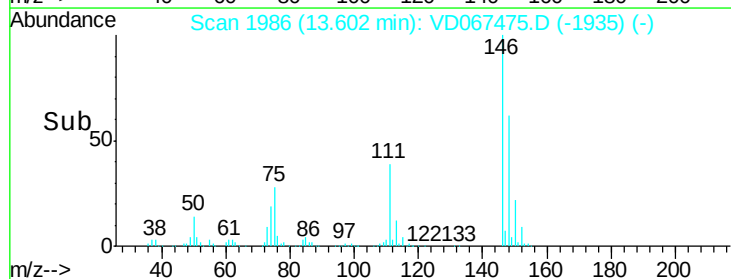
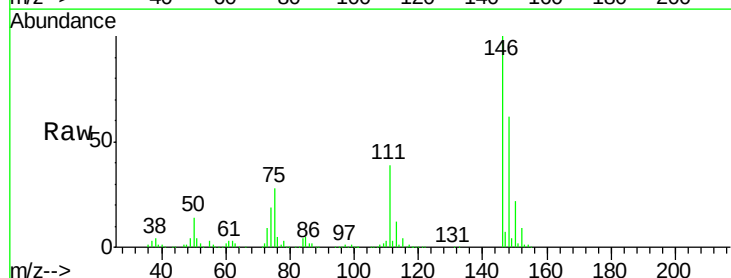
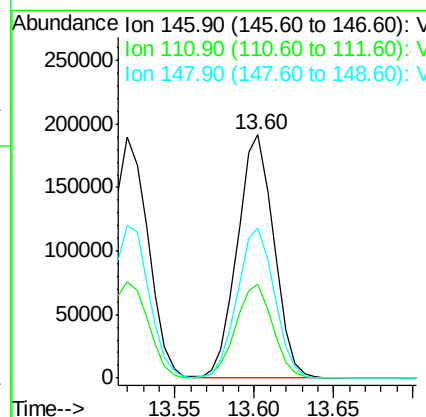
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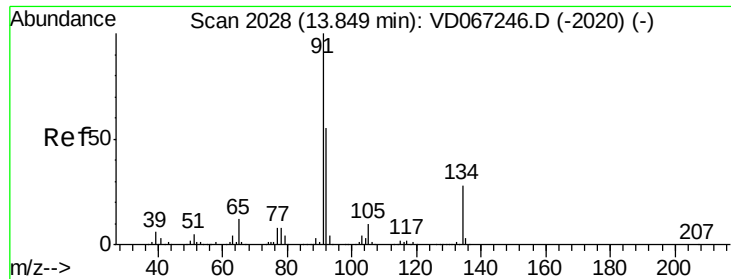
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#88
 1,4-Dichlorobenzene
 Concen: 55.304 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.9	19.9	59.7	
148	62.8	31.9	95.9	





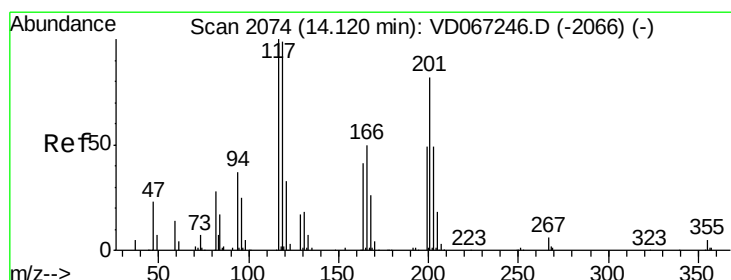
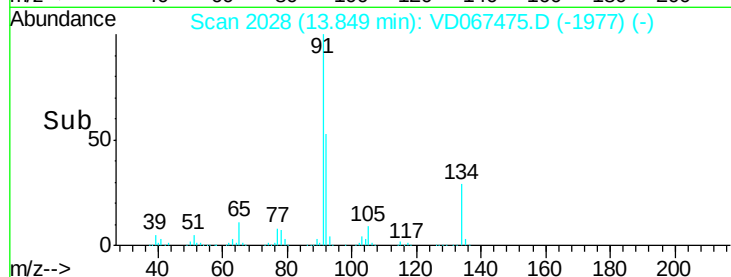
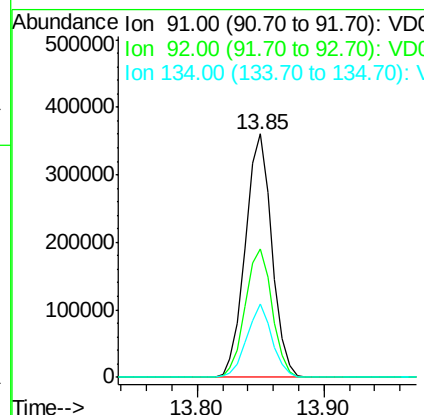
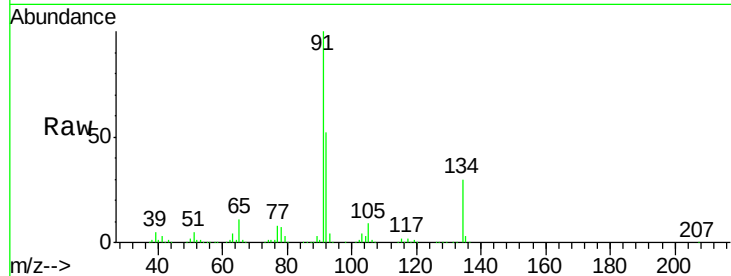
#89
n-Butylbenzene
Concen: 53.513 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	28.7	14.2	42.6

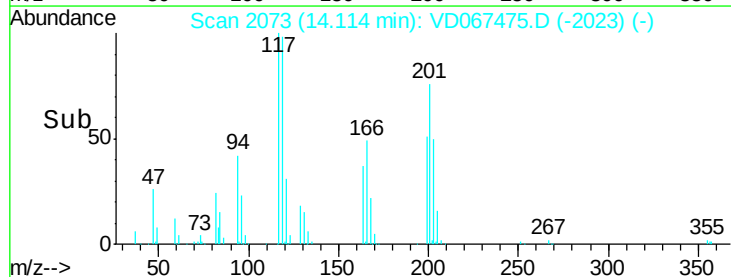
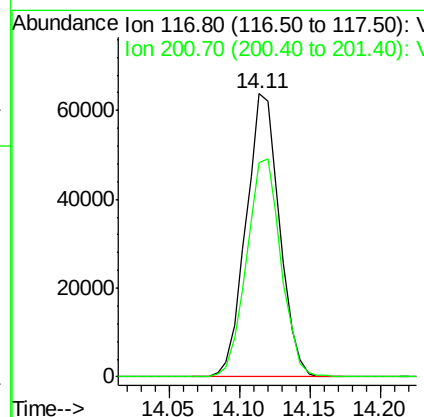
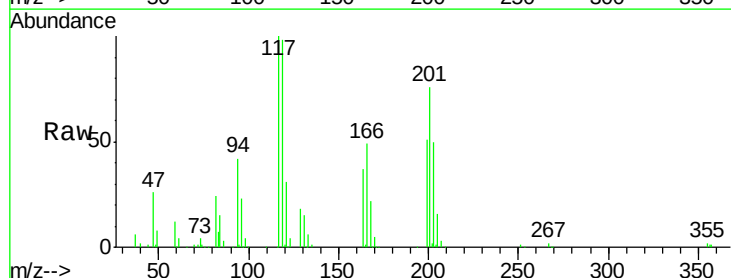
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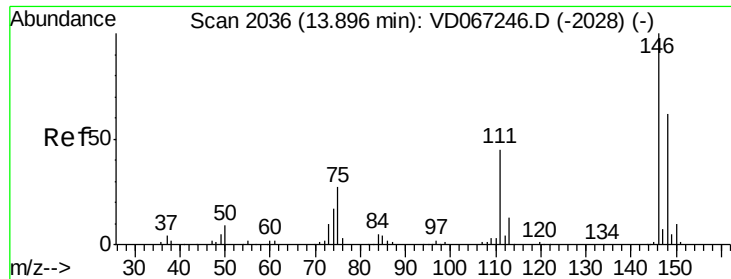
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#90
Hexachloroethane
Concen: 54.834 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	40.8	122.2





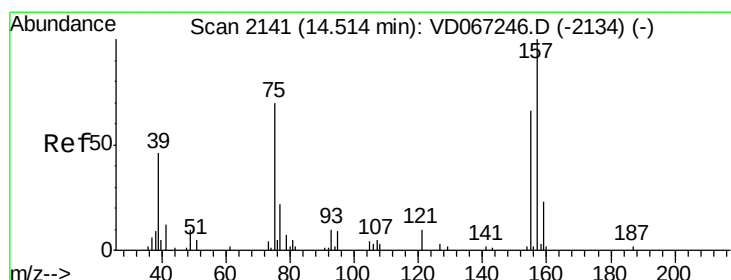
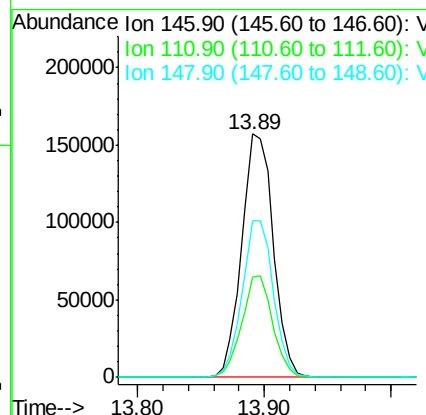
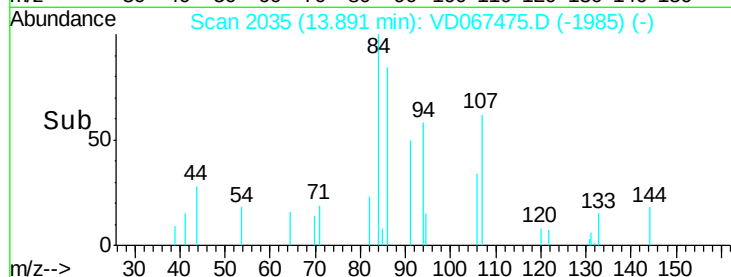
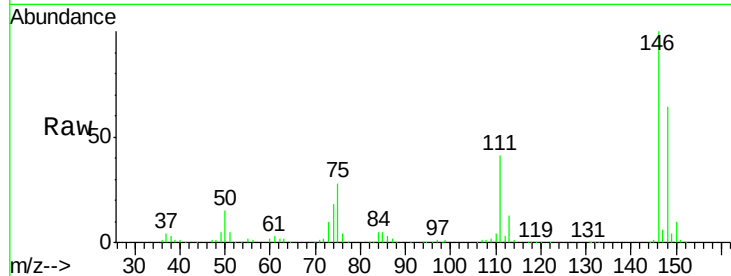
#91
 1,2-Dichlorobenzene
 Concen: 55.484 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.0	66.0
148	63.6	32.5	97.5

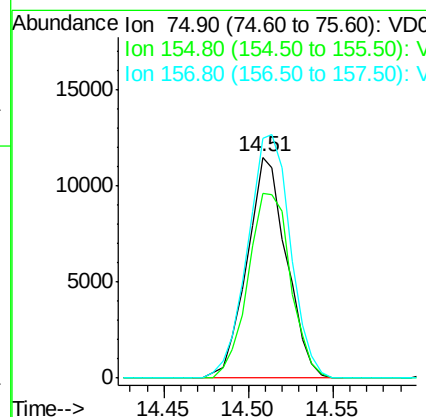
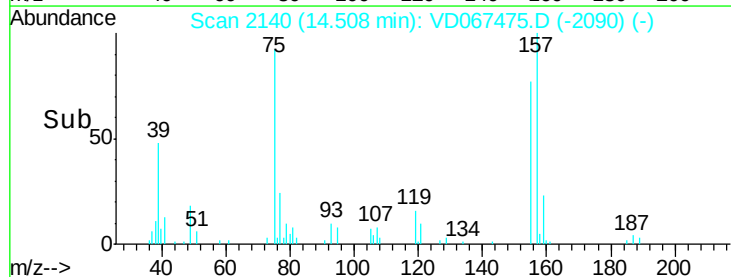
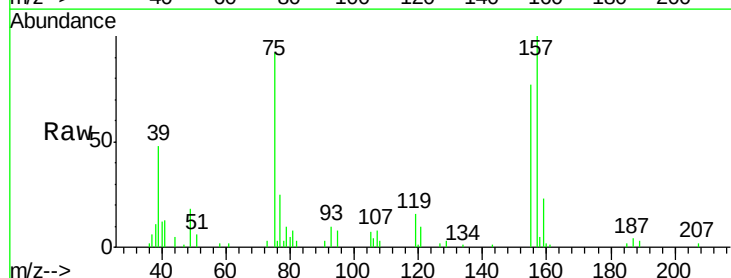
Manual Integrations
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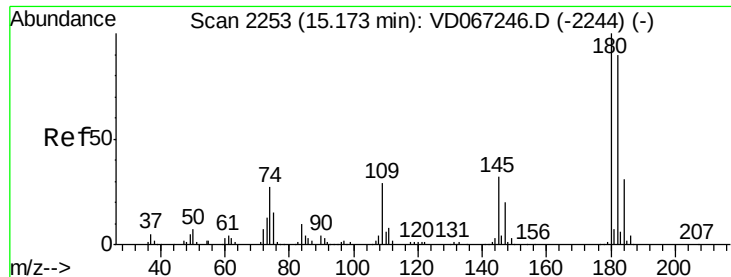
MMDadoda
 11/2/2020 4:09:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.588 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067475.D
 Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	44.8	134.4
157	119.4	62.5	187.4





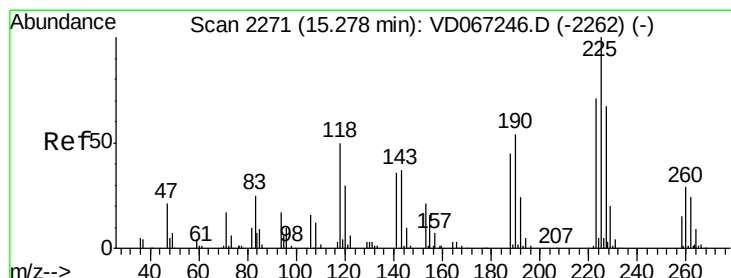
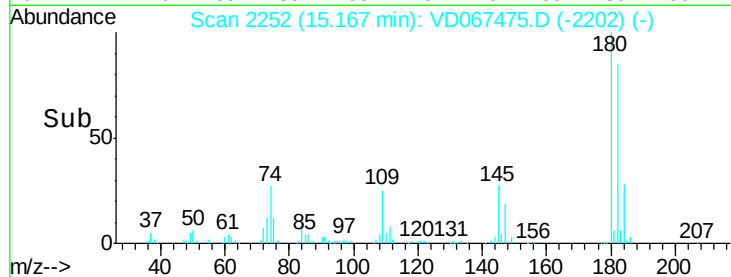
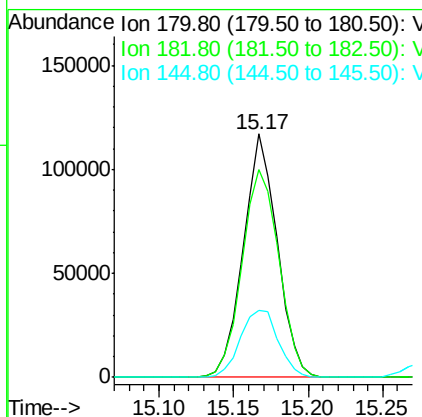
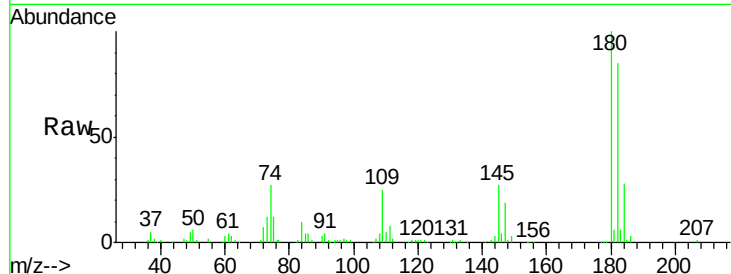
#93
1,2,4-Trichlorobenzene
Concen: 55.718 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183882		
182	92.8	48.1	144.4	
145	31.1	16.3	48.9	

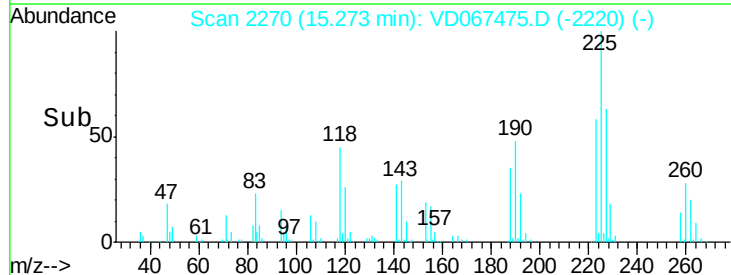
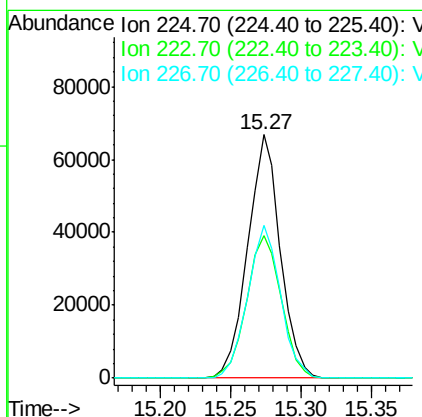
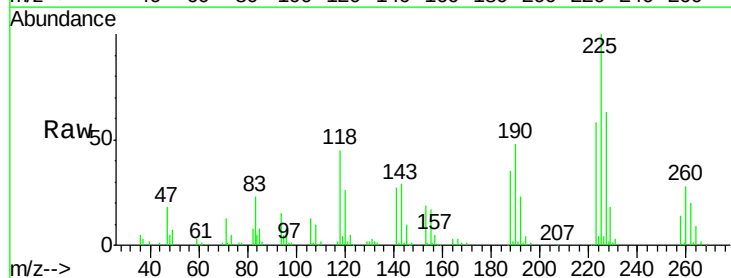
Manual Integrations
APPROVED

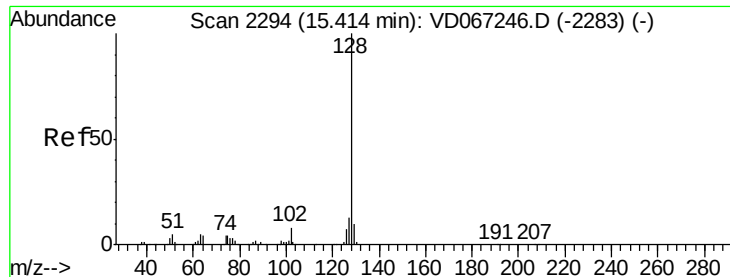
MMDadoda
11/2/2020 4:09:33 PM



#94
Hexachlorobutadiene
Concen: 52.822 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108254		
223	62.1	31.9	95.7	
227	63.4	31.2	93.6	





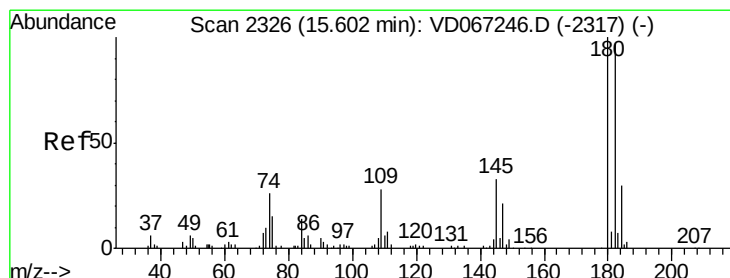
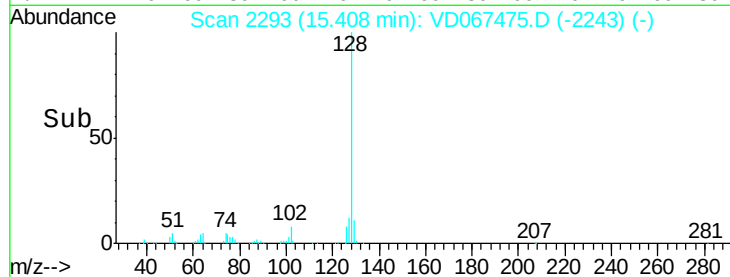
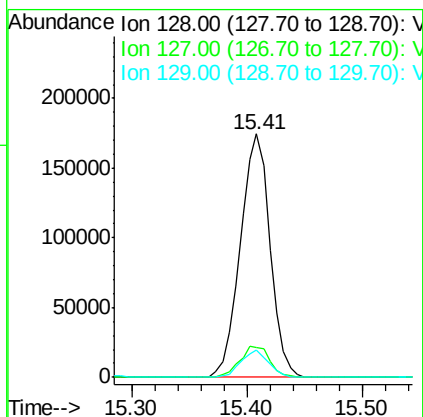
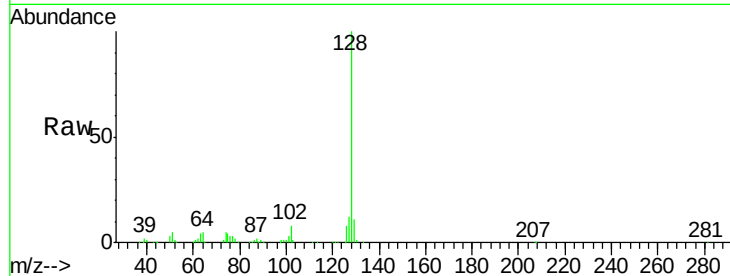
#95
Naphthalene
Concen: 57.415 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		311101		
127	13.0		10.4	15.6	
129	10.6		8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:09:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.752 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067475.D
Acq: 30 Oct 2020 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		158956		
182	94.0		48.1	144.3	
145	33.9		17.3	51.9	

