

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067476.D
 Acq On : 30 Oct 2020 17:04
 Operator : VA/SY
 Sample : L4560-05MSD
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 11/2/2020 4:09:36 PM

Quant Time: Oct 31 06:32:29 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	264502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	405714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	370494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	138270	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.92	113	145660	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.34	98	521431	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.64	95	180148	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	85285	39.227	ug/l	95
3) Chloromethane	2.21	50	66538	39.971	ug/l	99
4) Vinyl Chloride	2.35	62	76471	41.868	ug/l	97
5) Bromomethane	2.77	94	65858	51.906	ug/l	97
6) Chloroethane	2.93	64	51718	45.467	ug/l	94
7) Trichlorofluoromethane	3.28	101	215255	46.803	ug/l	97
8) Diethyl Ether	3.71	74	50963	48.425	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114439	46.833	ug/l	98
10) Methyl Iodide	4.31	142	130752	58.007	ug/l	99
11) Tert butyl alcohol	5.21	59	28034	193.106	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	106789	48.919	ug/l	88
13) Acrolein	3.91	56	24203	161.243	ug/l	98
14) Allyl chloride	4.72	41	124412	49.766	ug/l	97
15) Acrylonitrile	5.43	53	90042	256.411	ug/l	98
16) Acetone	4.16	43	99573	268.304	ug/l	100
17) Carbon Disulfide	4.41	76	256580	41.229	ug/l	98
18) Methyl Acetate	4.72	43	53816	63.576	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	225935	52.051	ug/l	100
20) Methylene Chloride	4.97	84	127939	54.195	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	124315	49.486	ug/l	97
22) Diisopropyl ether	6.36	45	249363	54.604	ug/l	94
23) Vinyl Acetate	6.31	43	552357	212.598	ug/l	97
24) 1,1-Dichloroethane	6.27	63	205376	52.537	ug/l	98
25) 2-Butanone	7.21	43	103708	245.149	ug/l	94
26) 2,2-Dichloropropane	7.21	77	205381	50.972	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150908	54.811	ug/l	99
28) Bromochloromethane	7.55	49	69694	52.269	ug/l #	98
29) Tetrahydrofuran	7.57	42	57843	245.974	ug/l	95
30) Chloroform	7.71	83	254466	54.490	ug/l	98
31) Cyclohexane	7.98	56	128515	42.107	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	240116	52.405	ug/l	98
36) 1,1-Dichloropropene	8.12	75	165701	48.187	ug/l	99
37) Ethyl Acetate	7.30	43	42096	41.608	ug/l #	92
38) Carbon Tetrachloride	8.10	117	221739	50.453	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	160676	44.696	ug/l	98
40) Benzene	8.36	78	490222	51.965	ug/l	97
41) Methacrylonitrile	7.53	41	30784	56.306	ug/l #	75
42) 1,2-Dichloroethane	8.43	62	152286	51.583	ug/l	100
43) Isopropyl Acetate	8.46	43	96726	48.182	ug/l	99
44) Trichloroethene	9.11	130	154538	51.164	ug/l	92
45) 1,2-Dichloropropane	9.39	63	113676	51.994	ug/l	97
46) Dibromomethane	9.48	93	67407	49.484	ug/l	98
47) Bromodichloromethane	9.67	83	192479	52.739	ug/l	98
48) Methyl methacrylate	9.46	41	52661	53.978	ug/l	90
49) 1,4-Dioxane	9.47	88	14179	1077.970	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	241905	241.593	ug/l	100
52) Toluene	10.41	92	333535	51.910	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	167539	52.258	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	195795	52.184	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	95977	51.669	ug/l	96
56) Ethyl methacrylate	10.66	69	96204	49.938	ug/l	97
57) 1,3-Dichloropropane	10.95	76	153566	51.948	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	255771	258.805	ug/l	99
59) 2-Hexanone	10.99	43	171831	251.136	ug/l	100
60) Dibromochloromethane	11.14	129	139820	51.614	ug/l	97
61) 1,2-Dibromoethane	11.26	107	90996	49.690	ug/l	99
64) Tetrachloroethene	10.88	164	142425	53.058	ug/l	97
65) Chlorobenzene	11.67	112	375684	52.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	154864	54.844	ug/l	99
67) Ethyl Benzene	11.75	91	650382	53.403	ug/l	98
68) m/p-Xylenes	11.86	106	494275	105.393	ug/l	99
69) o-Xylene	12.18	106	231220	53.242	ug/l	98
70) Styrene	12.20	104	398876	53.355	ug/l	99
71) Bromoform	12.37	173	78666	51.858	ug/l #	96
73) Isopropylbenzene	12.48	105	642311	56.770	ug/l	99
74) N-amyl acetate	12.30	43	77981	45.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	90828	52.392	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	54080m	43.768	ug/l	
77) Bromobenzene	12.77	156	156990	55.655	ug/l	98
78) n-propylbenzene	12.83	91	713705	54.444	ug/l	100
79) 2-Chlorotoluene	12.91	91	426517	56.104	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	552193	56.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29058	53.331	ug/l	98
82) 4-Chlorotoluene	13.01	91	442119	54.795	ug/l	99
83) tert-Butylbenzene	13.23	119	465662	56.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	544007	55.981	ug/l	100
85) sec-Butylbenzene	13.41	105	604676	53.060	ug/l	100
86) p-Isopropyltoluene	13.52	119	579805	53.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	289585	53.337	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	286435	53.249	ug/l	99
89) n-Butylbenzene	13.85	91	474639	50.158	ug/l	100
90) Hexachloroethane	14.11	117	98842	52.658	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	255334	53.834	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15798	50.161	ug/l	91

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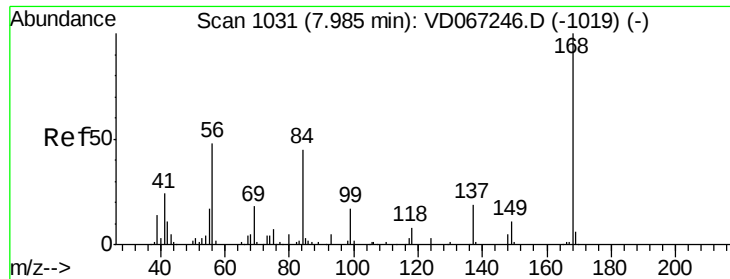
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	161778	50.589	ug/l	99
94) Hexachlorobutadiene	15.27	225	87691	44.158	ug/l	98
95) Naphthalene	15.41	128	275615	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	140467	50.845	ug/l	99

(#) = 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: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:168 Resp: 264502

Ion Ratio Lower Upper

168 100

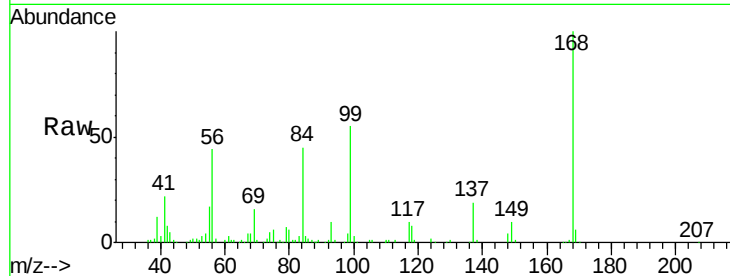
99 54.8 45.9 68.9

Manual Integrations

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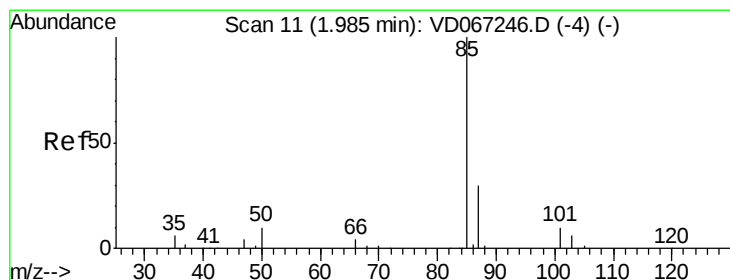
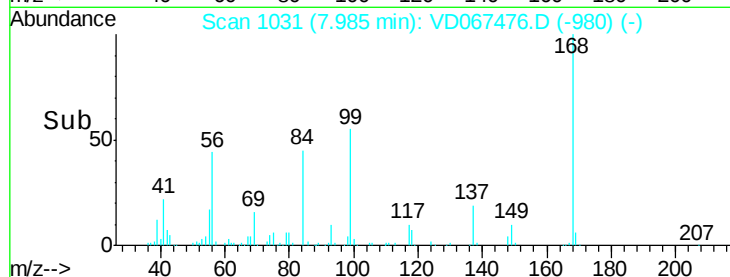
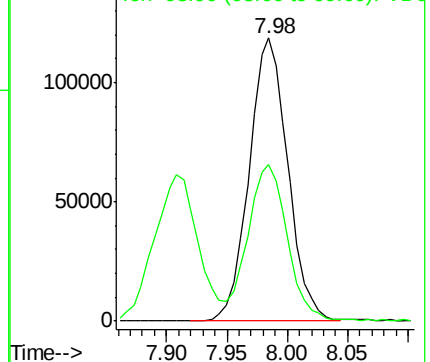
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.227 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067476.D

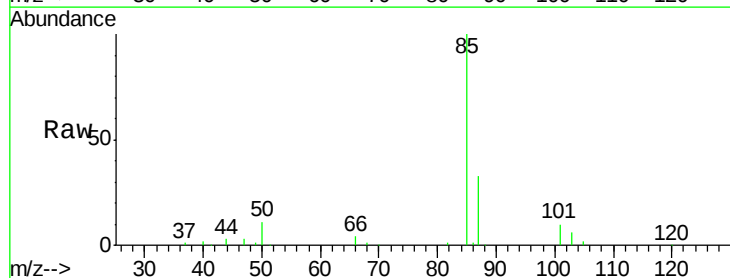
Acq: 30 Oct 2020 17:04

Tgt Ion: 85 Resp: 85285

Ion Ratio Lower Upper

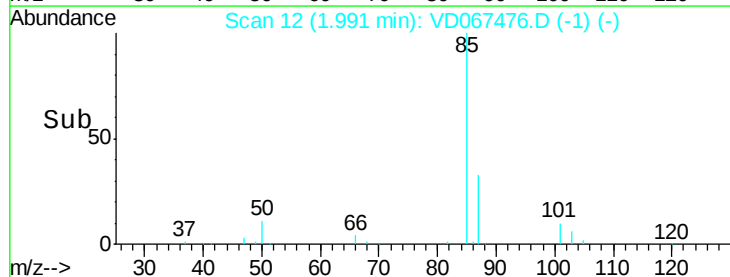
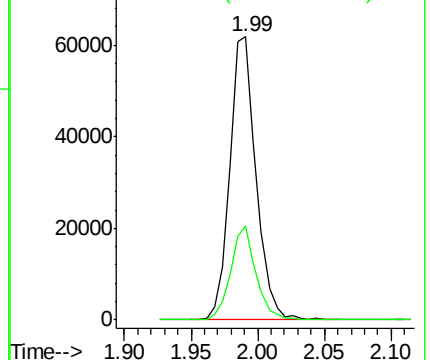
85 100

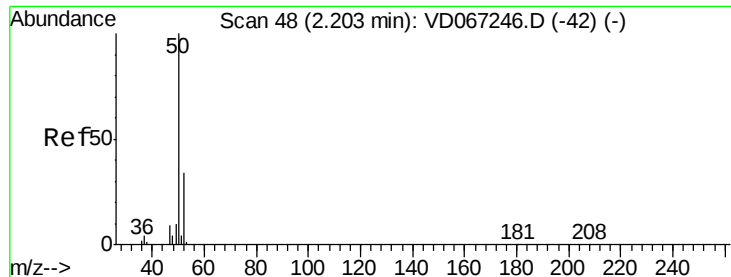
87 33.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.971 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 50 Resp: 66538

Ion Ratio Lower Upper

50 100

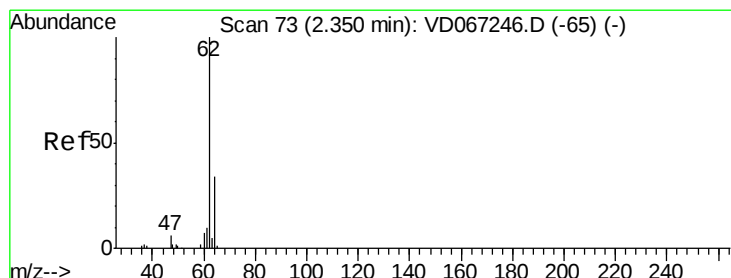
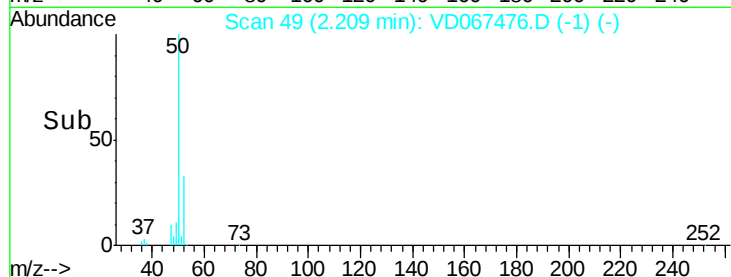
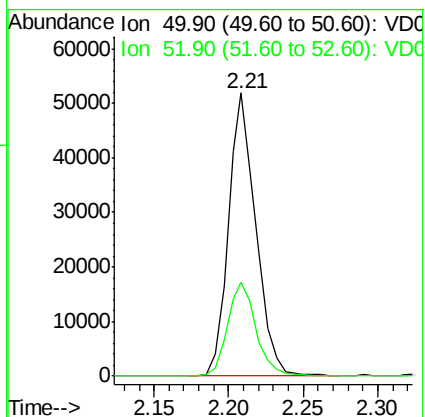
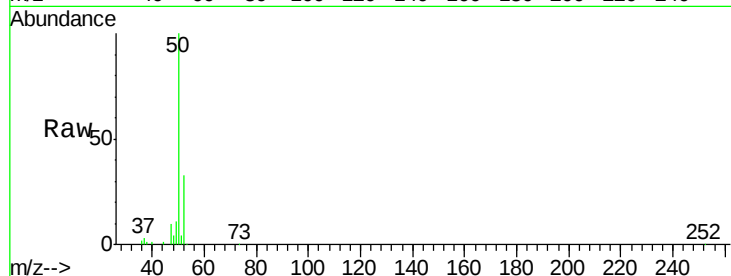
52 33.2 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.868 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067476.D

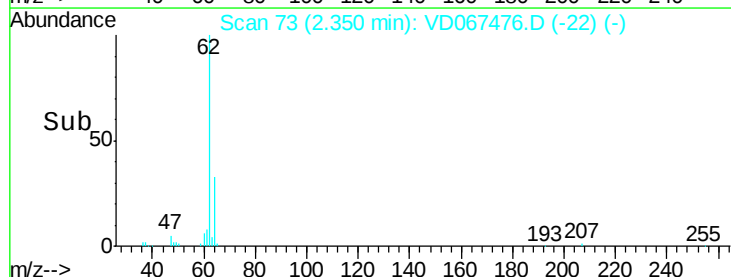
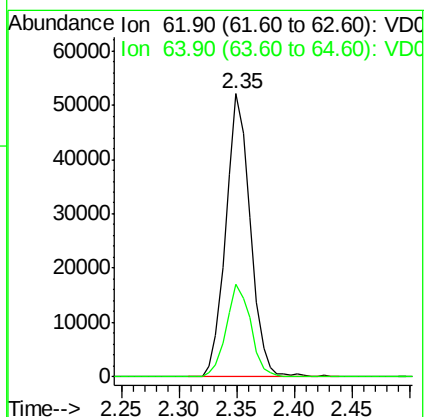
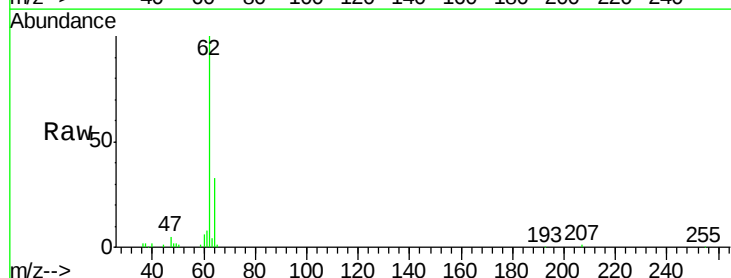
Acq: 30 Oct 2020 17:04

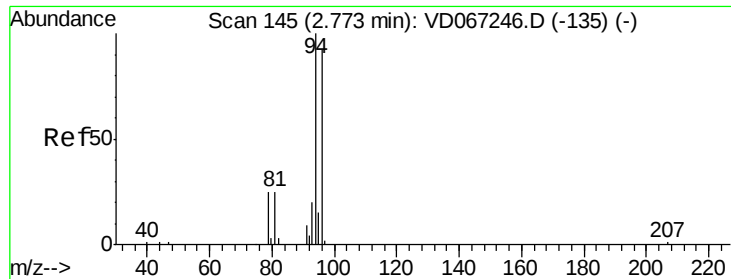
Tgt Ion: 62 Resp: 76471

Ion Ratio Lower Upper

62 100

64 32.6 27.4 41.0





#5

Bromomethane

Concen: 51.906 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

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Tot Ion: 94 Resp: 65858

Ion Ratio Lower Upper

94 100

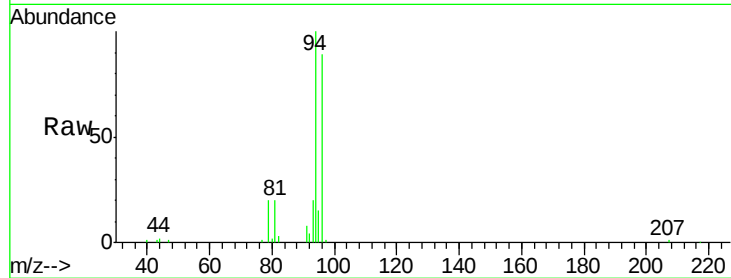
96 89.4 73.8 110.6

Manual Integrations

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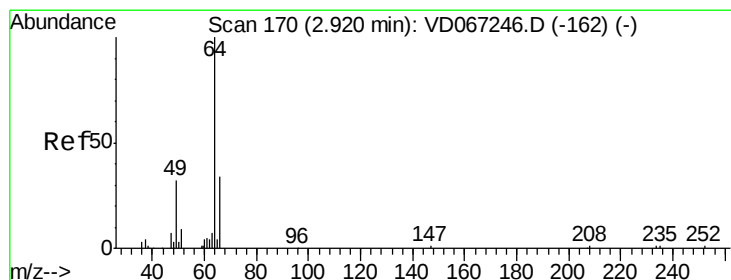
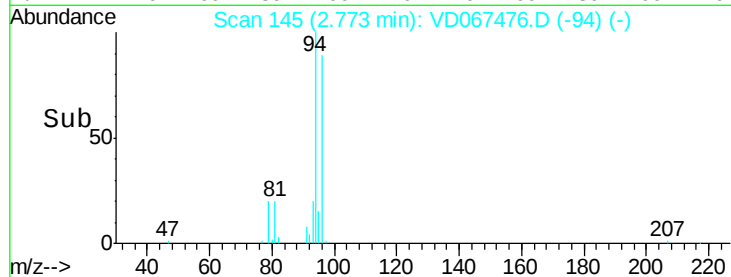
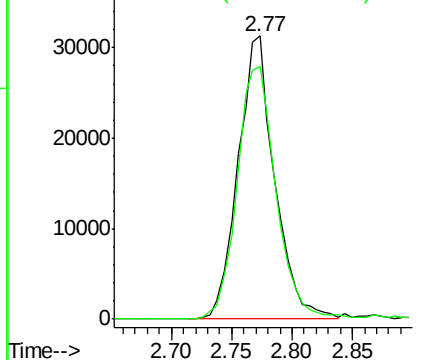
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.467 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067476.D

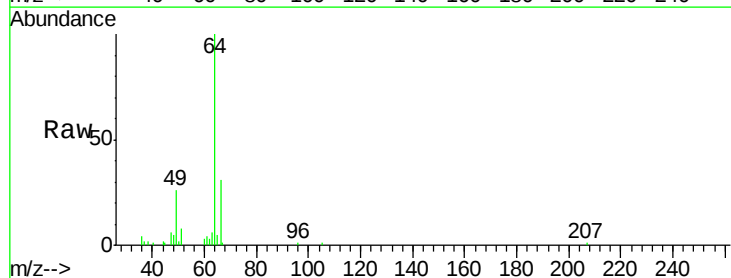
Acq: 30 Oct 2020 17:04

Tgt Ion: 64 Resp: 51718

Ion Ratio Lower Upper

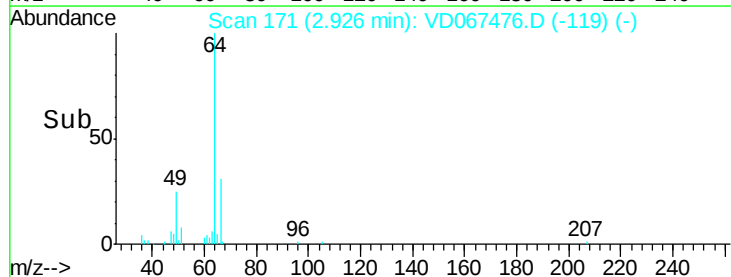
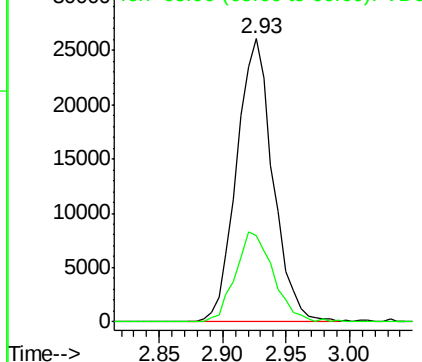
64 100

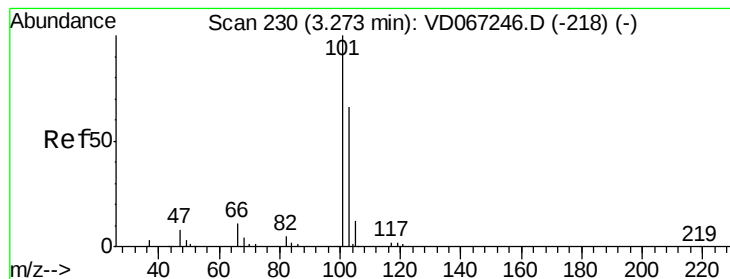
66 30.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

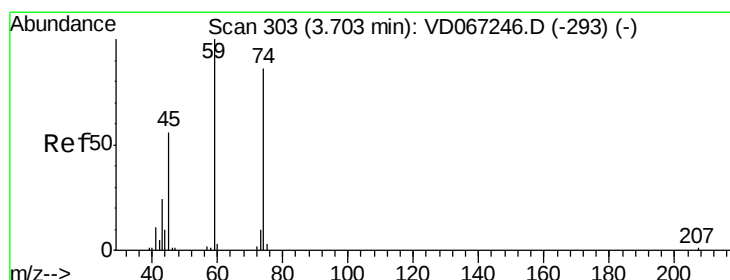
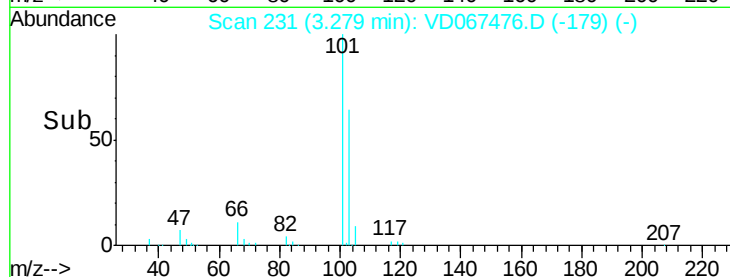
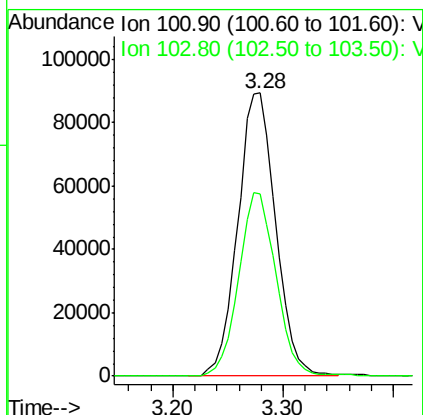
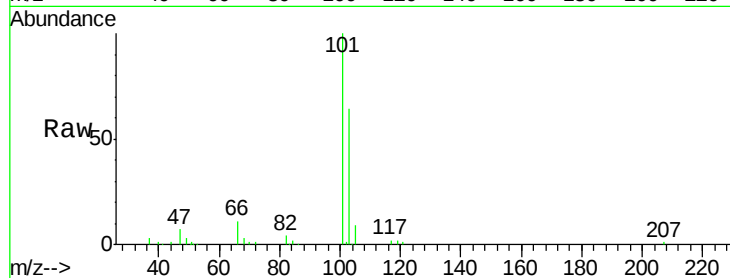
Trichlorofluoromethane
Concen: 46.803 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.1	79.7

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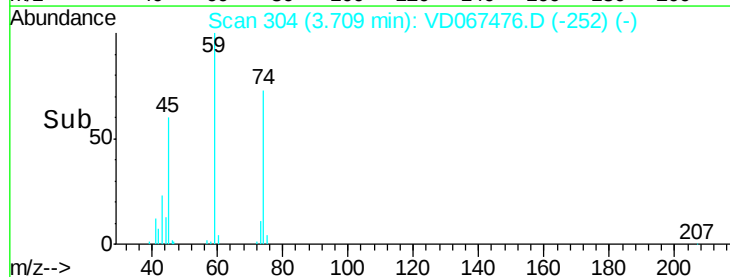
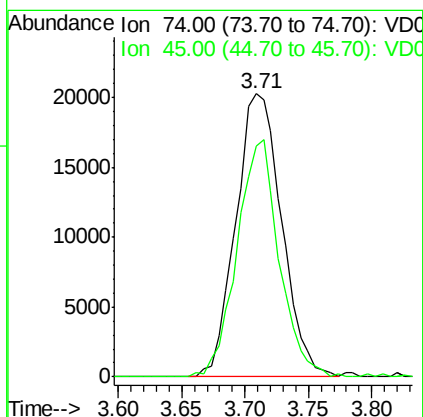
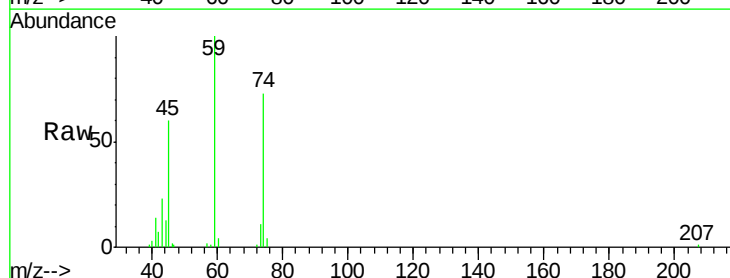
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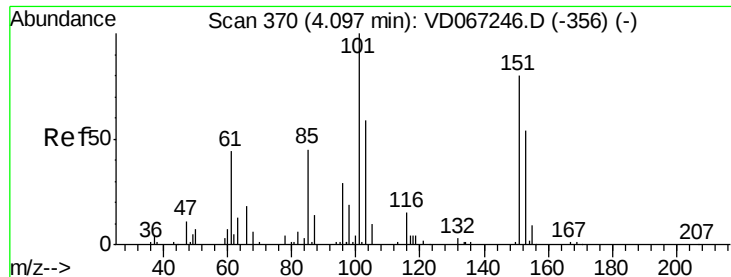


#8

Diethyl Ether
Concen: 48.425 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.9	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.833 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

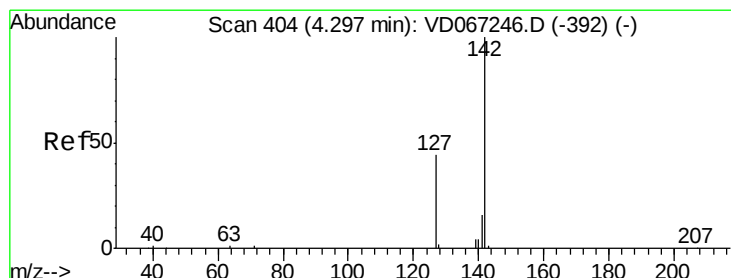
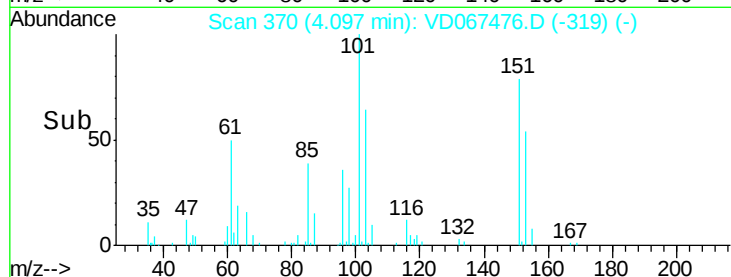
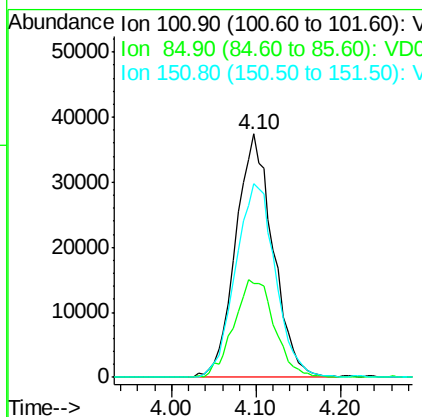
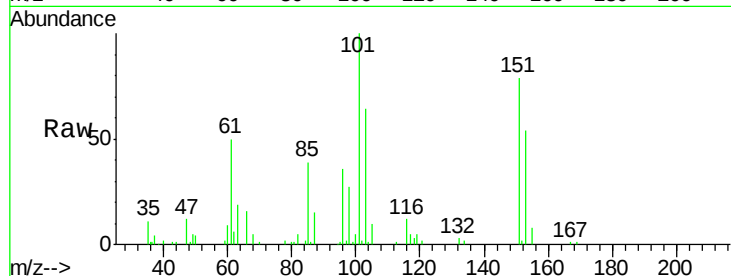
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	101	Resp:	114439
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.2	51.4
151	85.2	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 58.007 ug/l

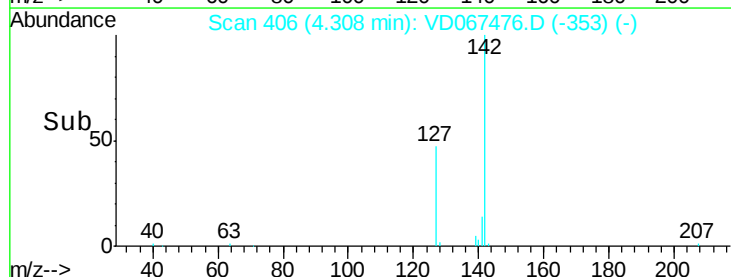
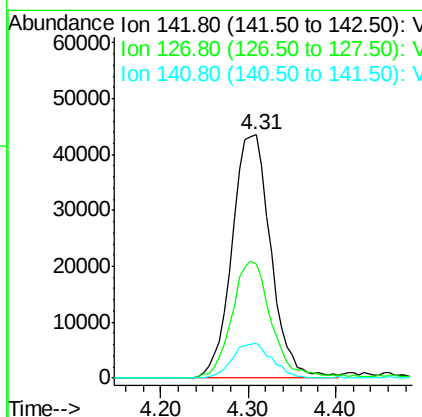
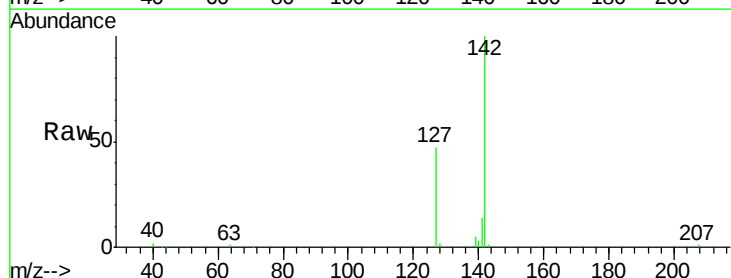
RT: 4.31 min Scan# 406

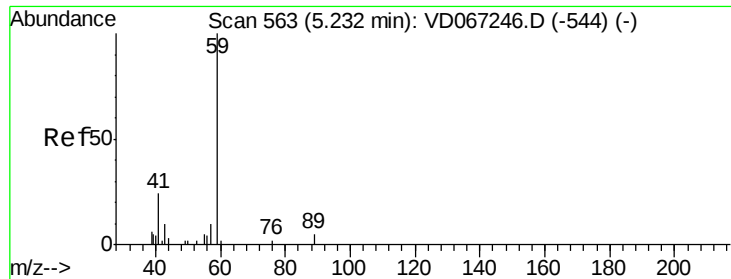
Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	142	Resp:	130752
Ion Ratio	Lower	Upper	
142	100		
127	48.6	38.4	57.6
141	14.5	11.6	17.4





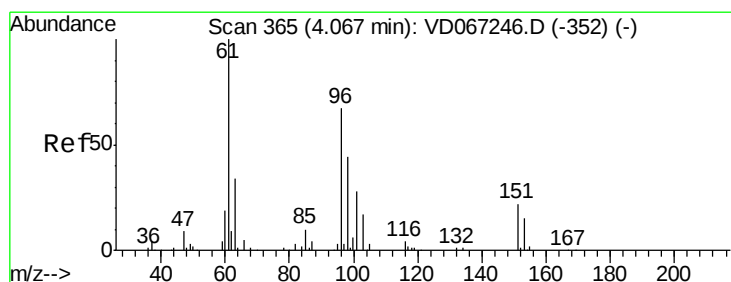
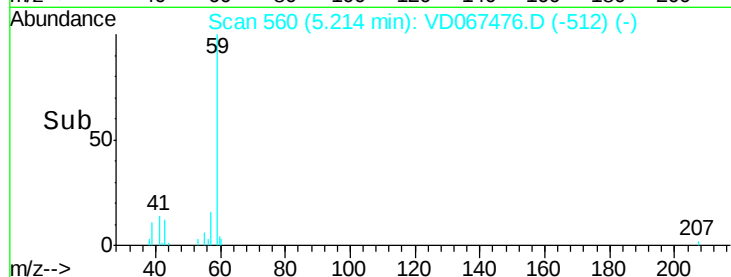
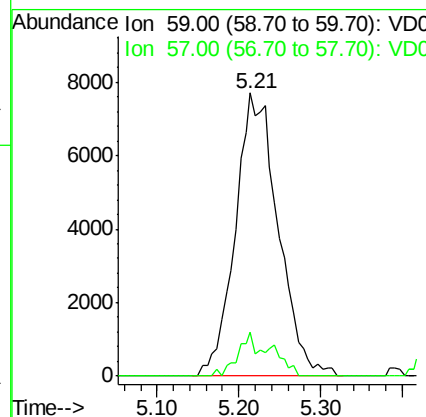
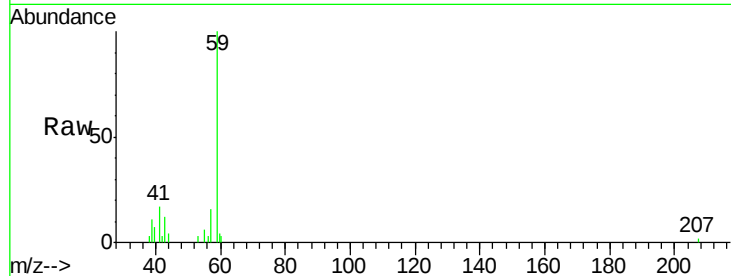
#11
Tert butyl alcohol
Concen: 193.106 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion: 59 Resp: 28034
Ion Ratio Lower Upper
59 100
57 7.7 5.1 7.7#

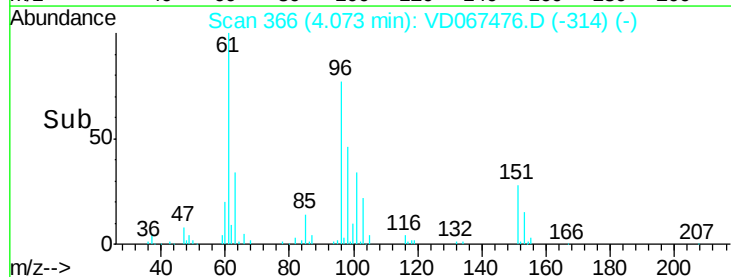
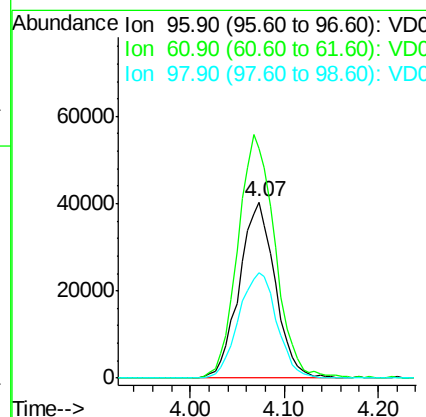
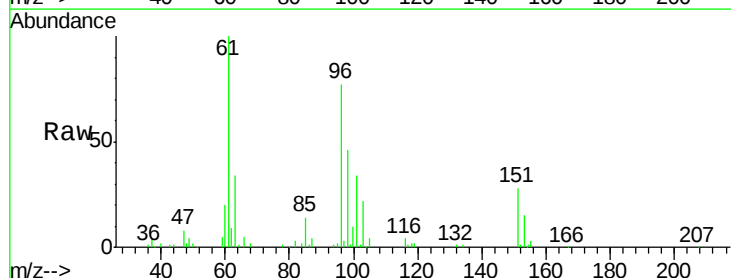
Manual Integrations
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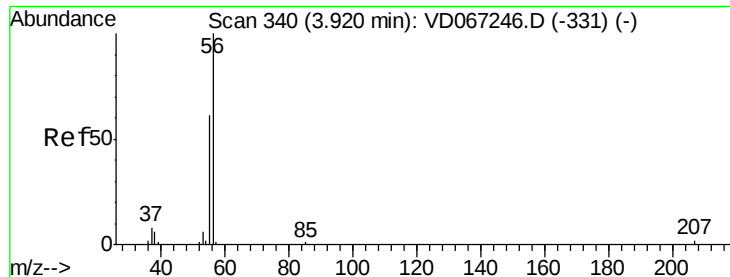
MMDadoda
11/2/2020 4:09:36 PM



#12
1,1-Dichloroethene
Concen: 48.919 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 96 Resp: 106789
Ion Ratio Lower Upper
96 100
61 130.5 118.6 177.8
98 59.6 51.8 77.6





#13

Acrolein

Concen: 161.243 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 56 Resp: 24203

Ion Ratio Lower Upper

56 100

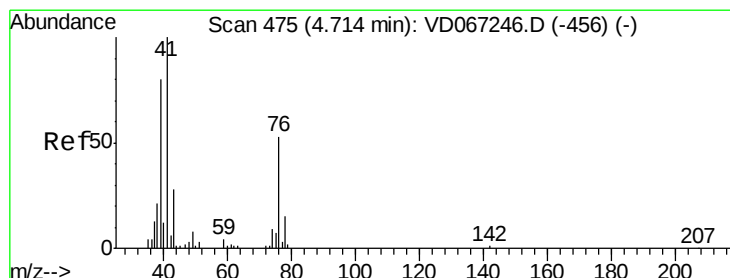
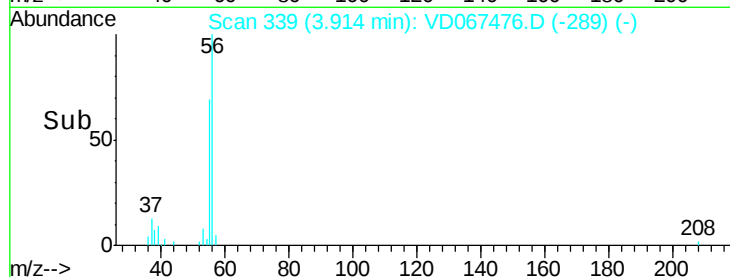
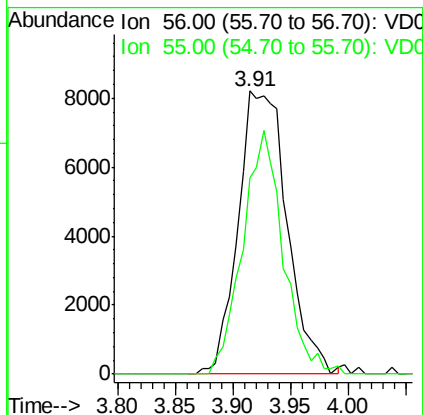
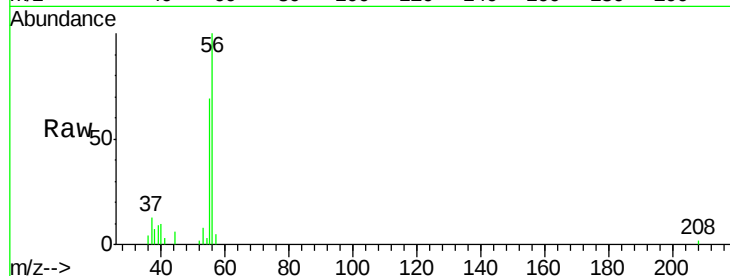
55 71.4 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 49.766 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

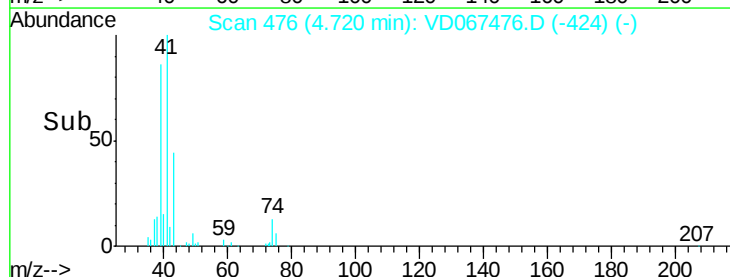
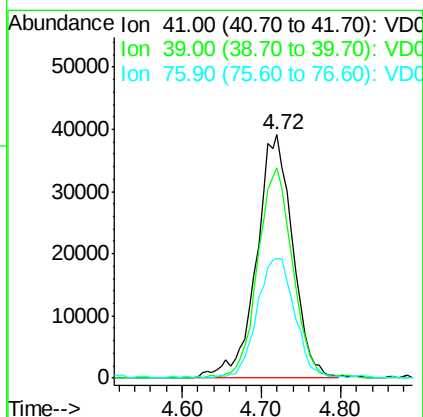
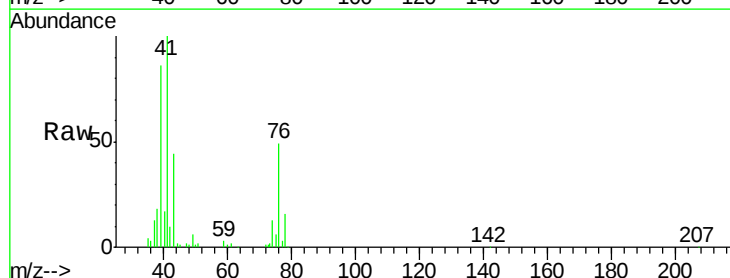
Tgt Ion: 41 Resp: 124412

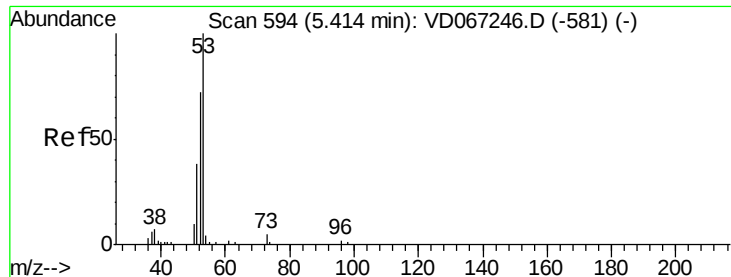
Ion Ratio Lower Upper

41 100

39 82.9 63.8 95.6

76 51.1 40.4 60.6





#15

Acrylonitrile

Concen: 256.411 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

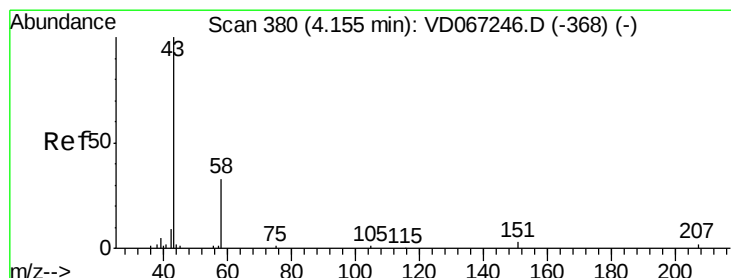
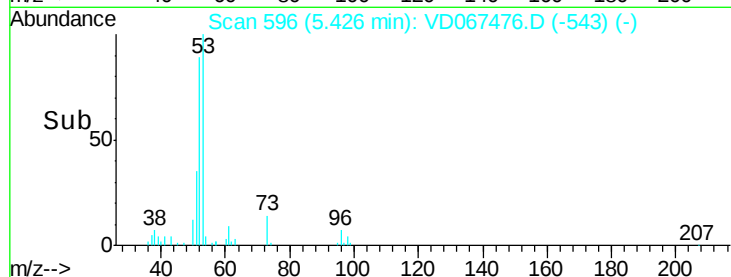
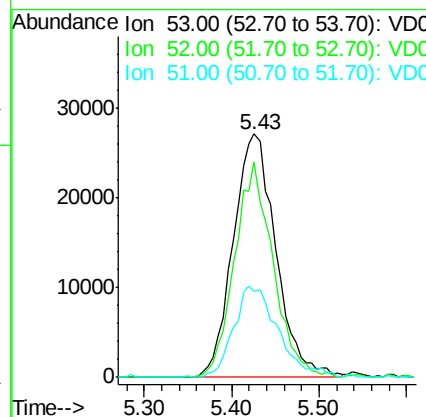
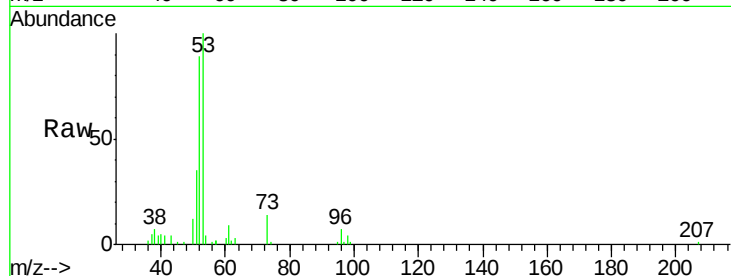
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	53	Resp:	90042
Ion Ratio	Lower	Upper	
53	100		
52	79.3	65.6	98.4
51	38.9	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 268.304 ug/l

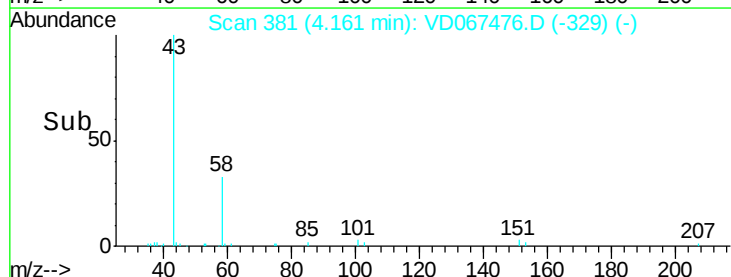
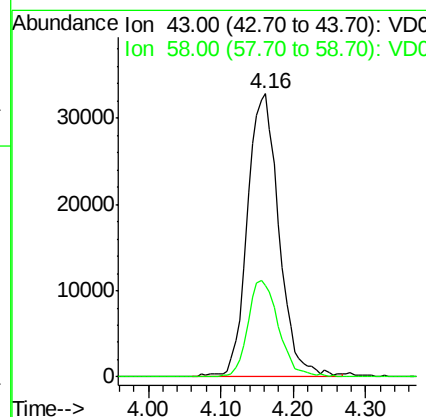
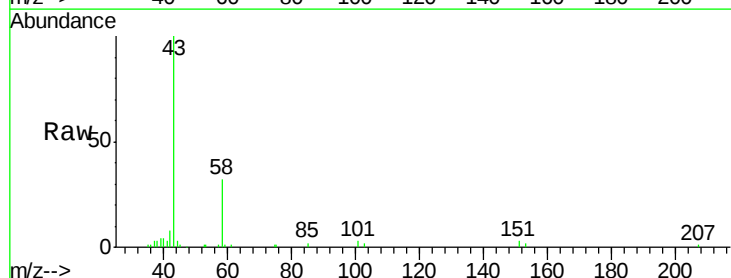
RT: 4.16 min Scan# 381

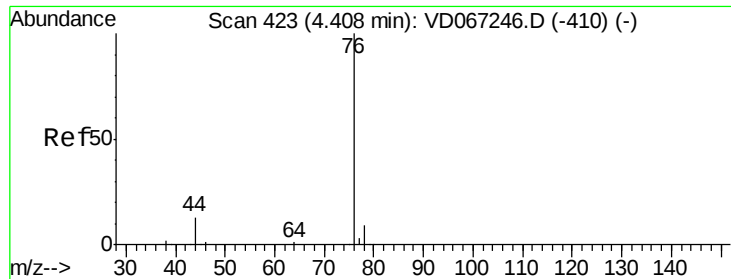
Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	43	Resp:	99573
Ion Ratio	Lower	Upper	
43	100		
58	32.4	26.1	39.1





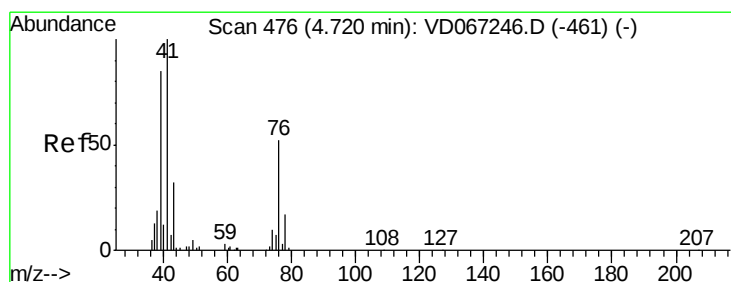
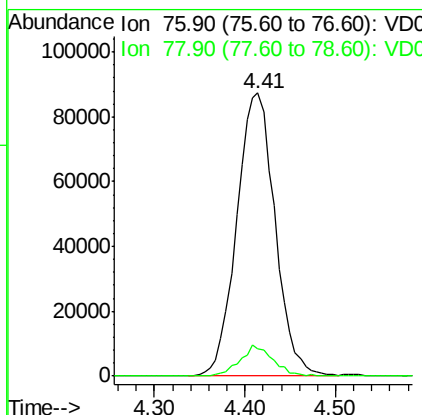
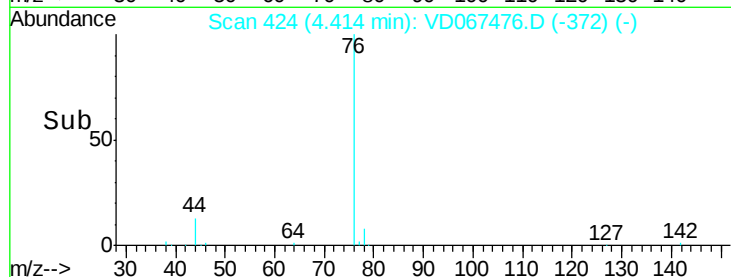
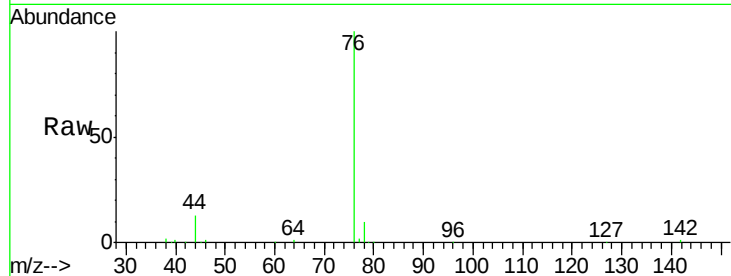
#17
Carbon Disulfide
Concen: 41.229 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion: 76 Resp: 256580
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

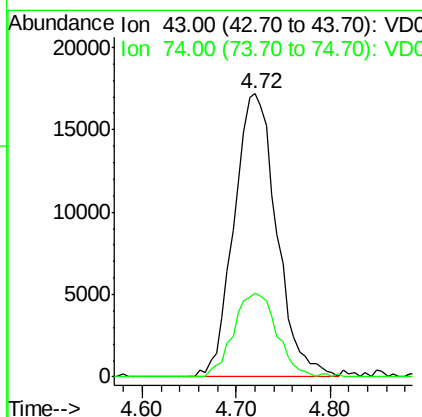
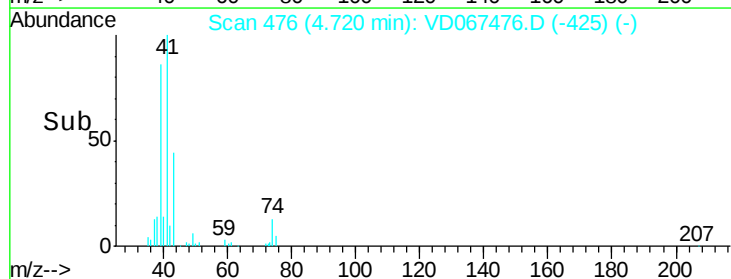
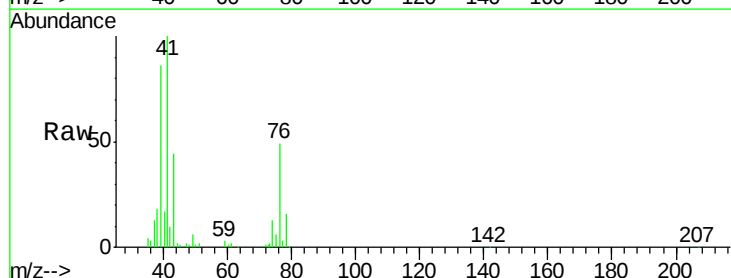
Manual Integrations
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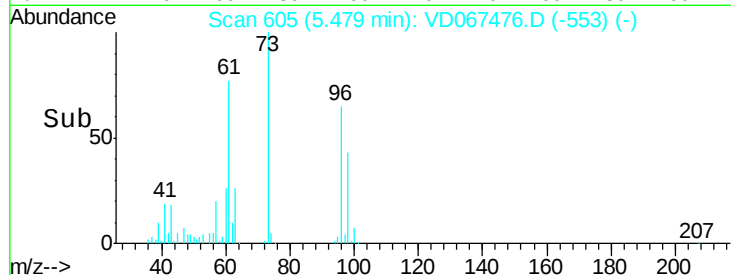
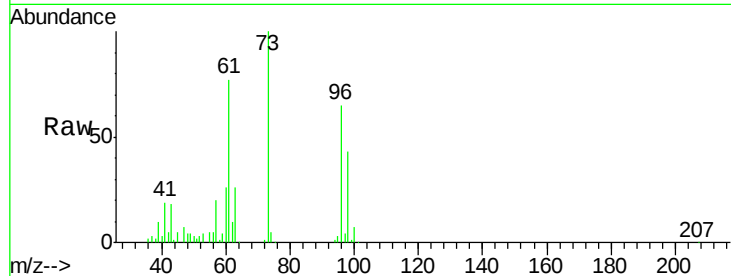
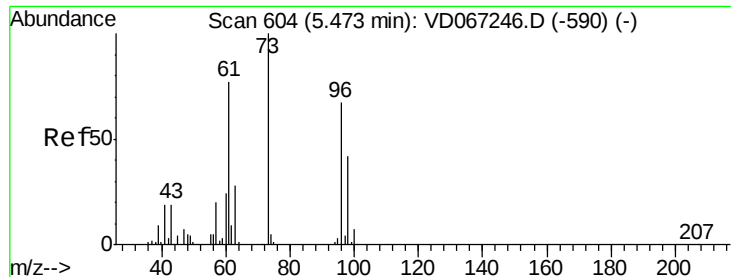
MMDadoda
11/2/2020 4:09:36 PM



#18
Methyl Acetate
Concen: 63.576 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 43 Resp: 53816
Ion Ratio Lower Upper
43 100
74 30.0 26.6 39.8





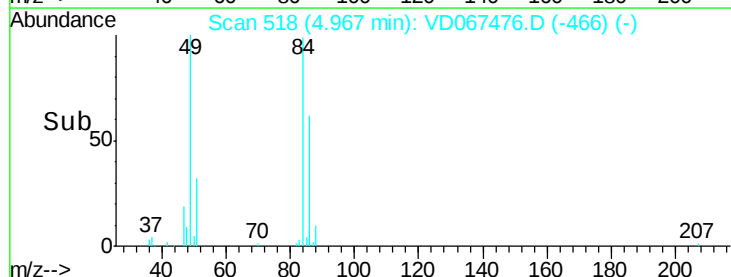
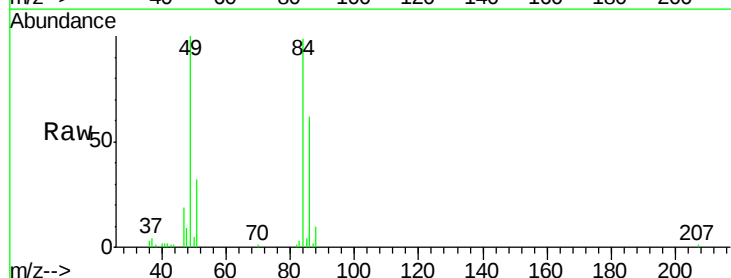
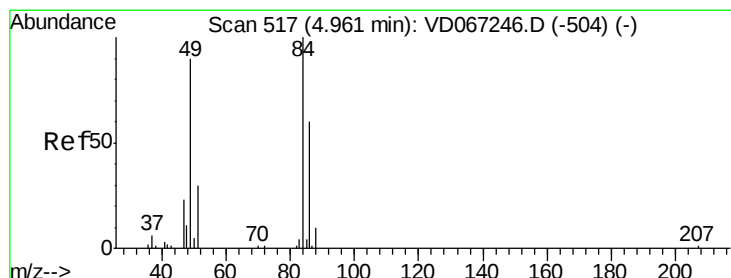
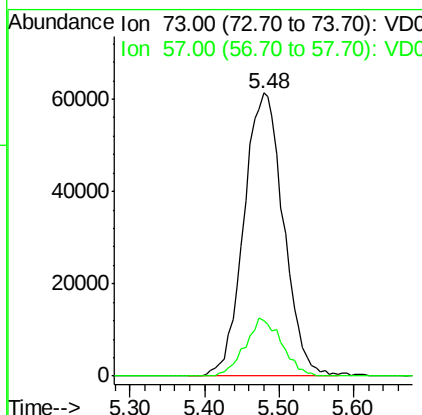
#19
Methyl tert-butyl Ether
Concen: 52.051 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tot Ion: 73 Resp: 225935
Ion Ratio Lower Upper
73 100
57 19.8 15.7 23.5

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

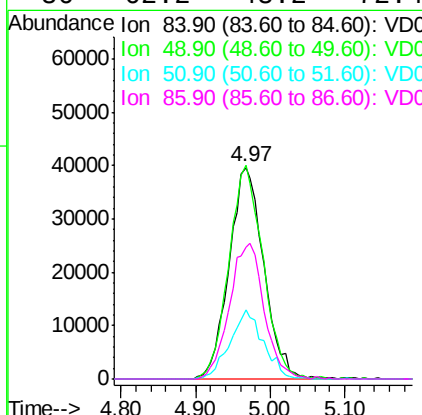
Manual Integrations
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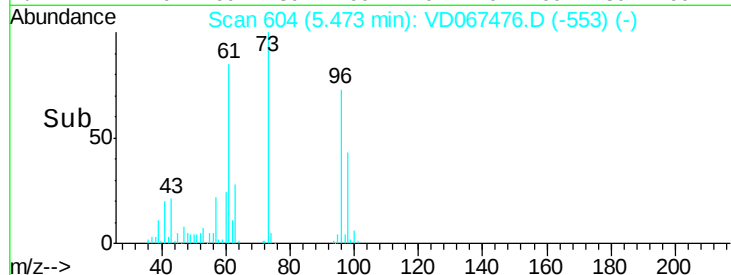
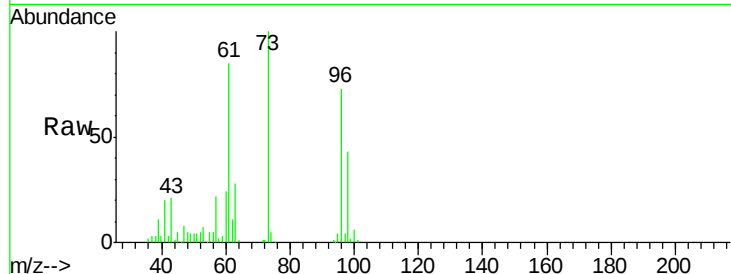
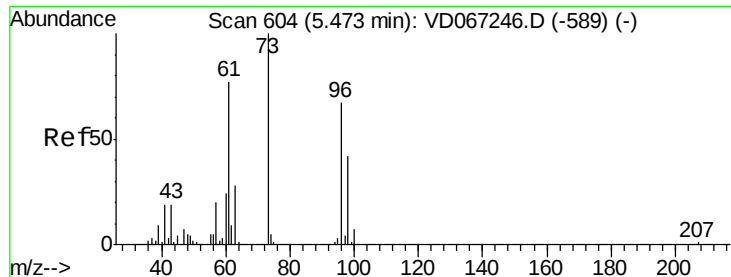
MMDadoda
11/2/2020 4:09:36 PM



#20
Methylene Chloride
Concen: 54.195 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 84 Resp: 127939
Ion Ratio Lower Upper
84 100
49 101.1 72.2 108.2
51 32.7 23.8 35.8
86 62.2 48.2 72.4





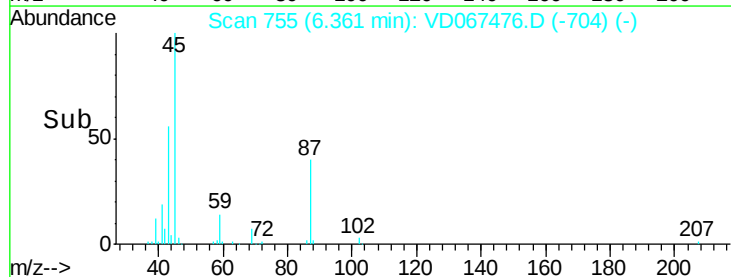
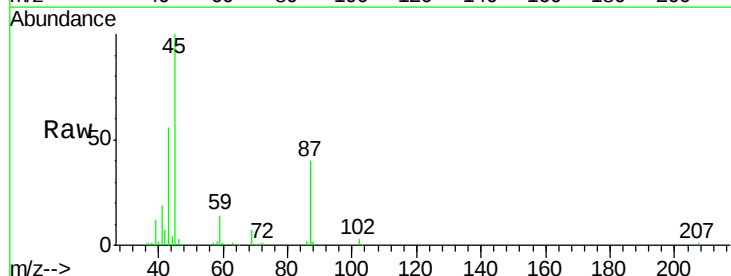
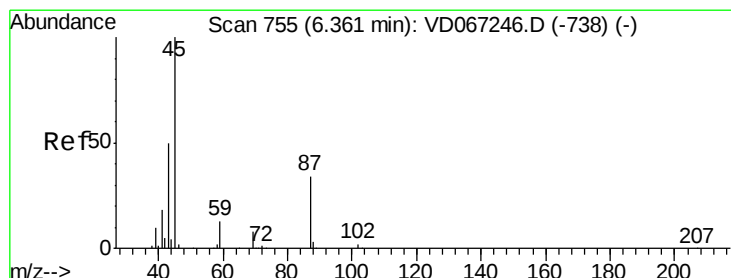
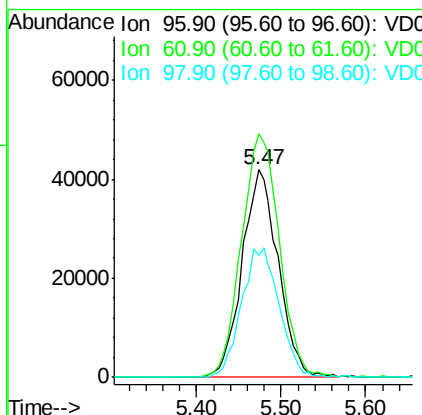
#21
trans-1,2-Dichloroethene
Concen: 49.486 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124315		
61	117.3	92.0	138.0	
98	58.7	49.8	74.8	

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

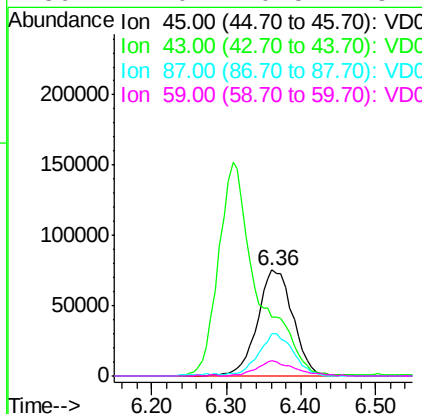
Manual Integrations
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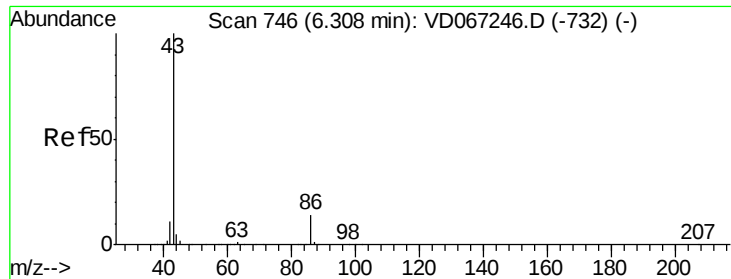
MMDadoda
11/2/2020 4:09:36 PM



#22
Diisopropyl ether
Concen: 54.604 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	249363		
43	55.1	48.0	72.0	
87	39.8	28.5	42.7	
59	14.0	10.5	15.7	





#23

Vinyl Acetate

Concen: 212.598 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 43 Resp: 552357

Ion Ratio Lower Upper

43 100

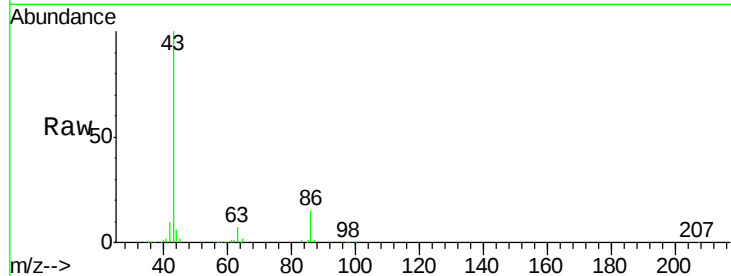
86 15.2 11.0 16.6

Manual Integrations

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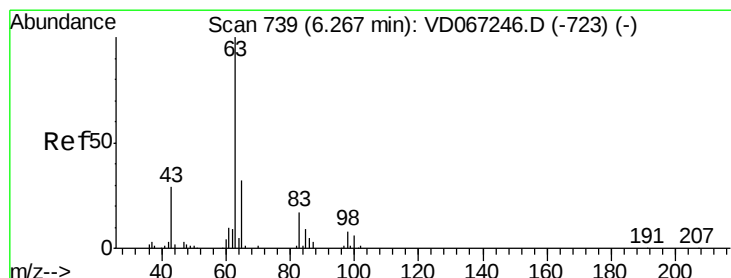
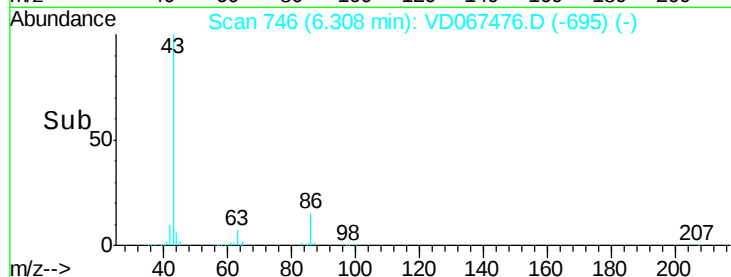
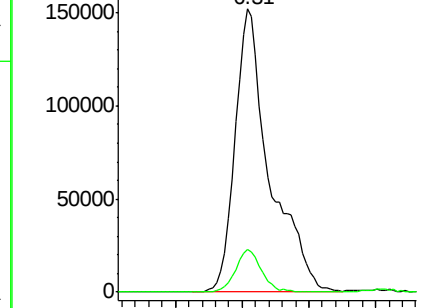
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.537 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

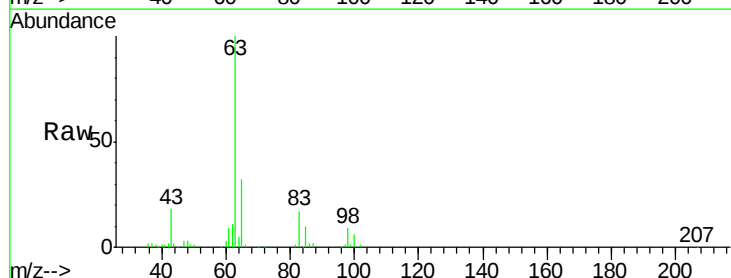
Tgt Ion: 63 Resp: 205376

Ion Ratio Lower Upper

63 100

98 9.2 4.0 12.2

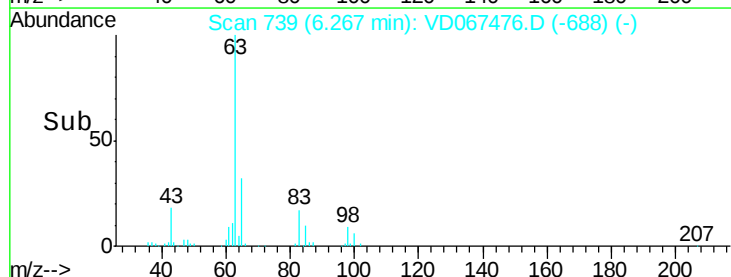
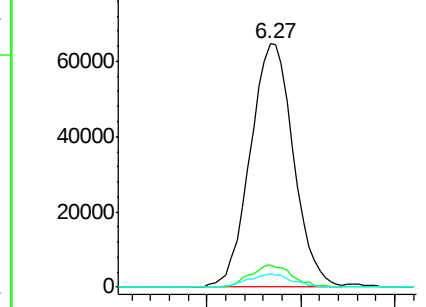
100 5.6 2.8 8.4

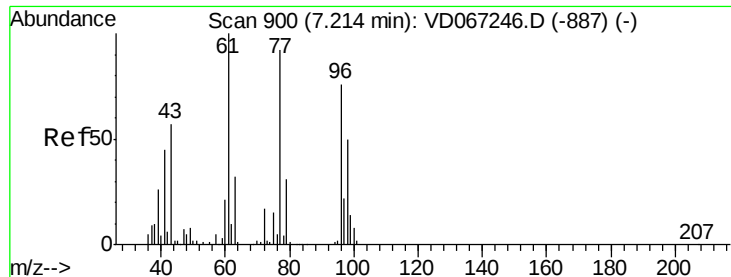


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





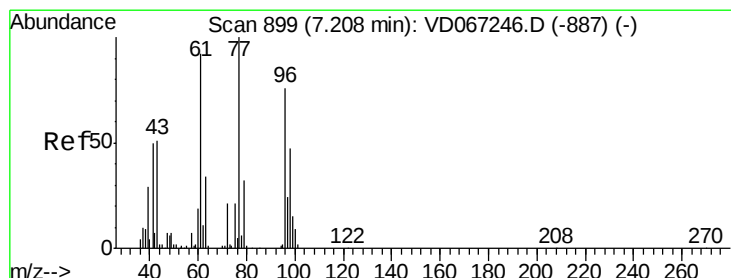
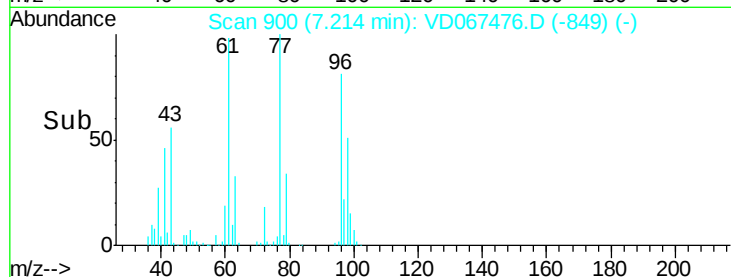
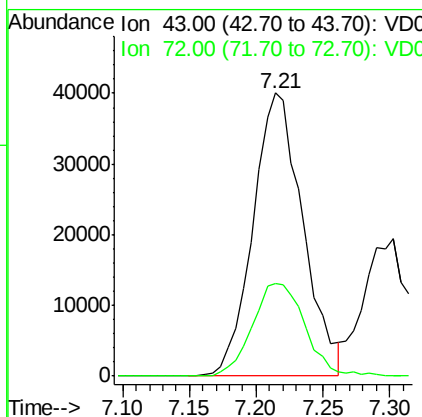
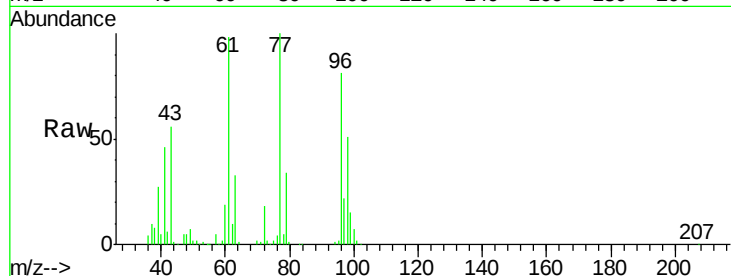
#25
2-Butanone
Concen: 245.149 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion: 43 Resp: 103708
Ion Ratio Lower Upper
43 100
72 32.7 23.7 35.5

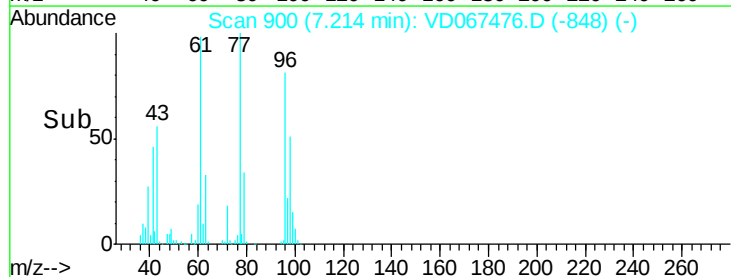
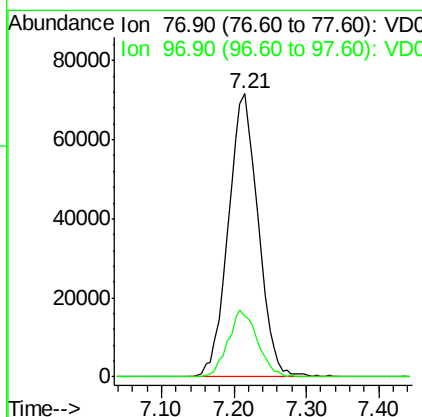
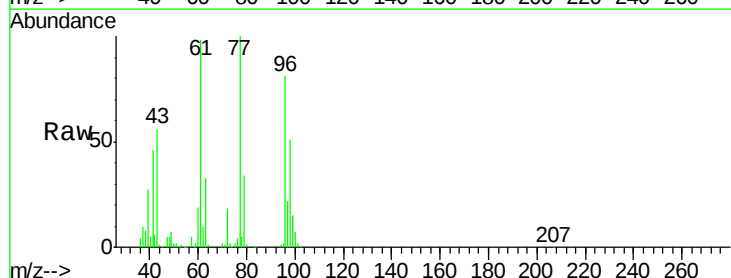
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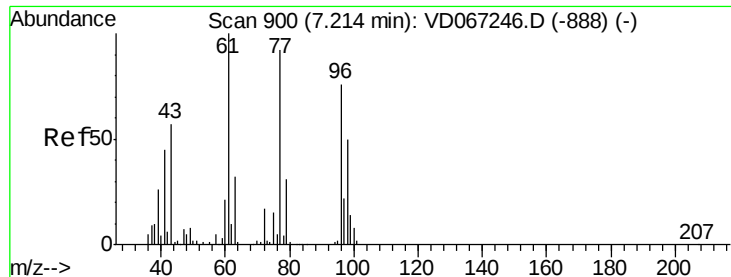
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.972 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 77 Resp: 205381
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 54.811 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

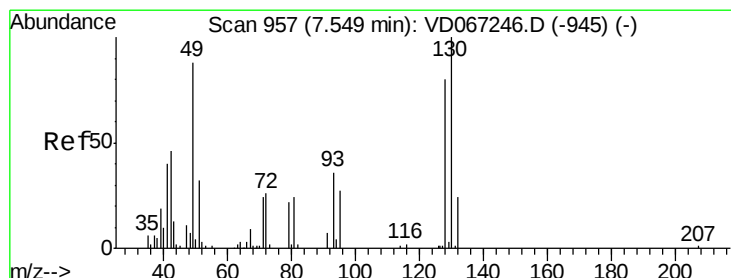
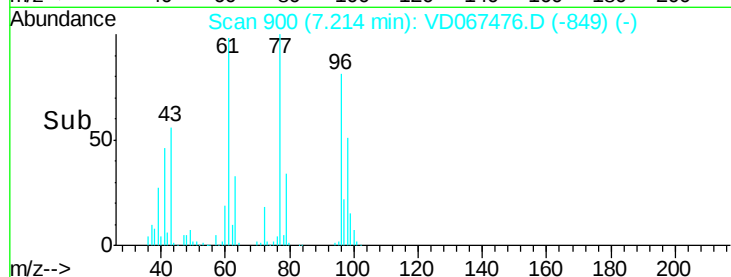
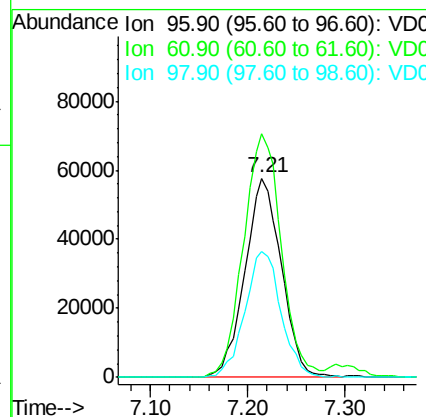
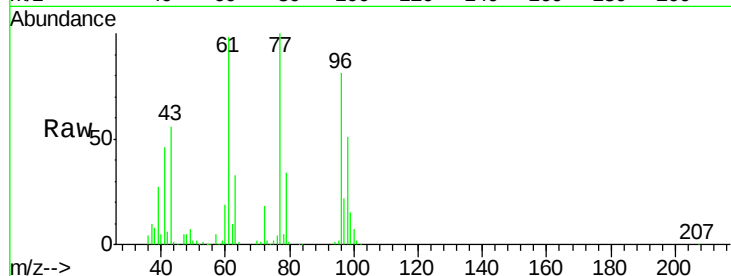
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	96	Resp:	150908
Ion Ratio	Lower	Upper	
96	100		
61	126.7	0.0	255.4
98	62.9	0.0	128.0

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#28

Bromochloromethane

Concen: 52.269 ug/l

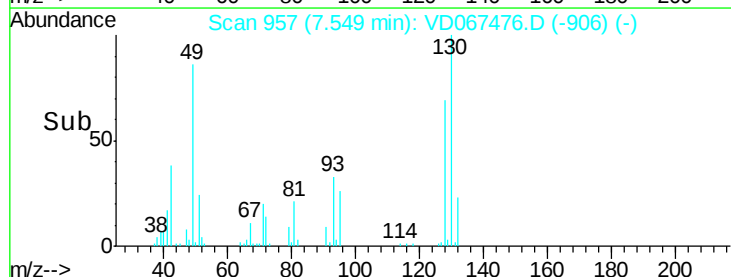
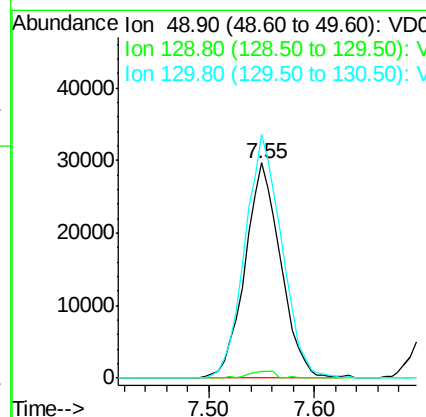
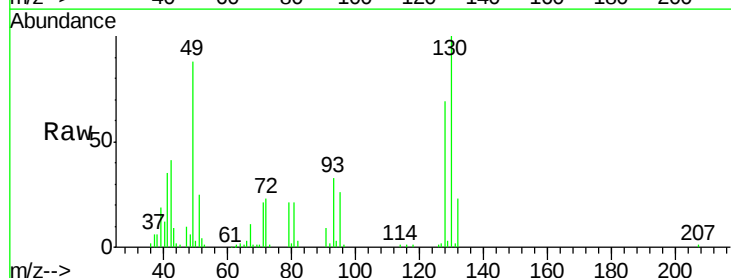
RT: 7.55 min Scan# 957

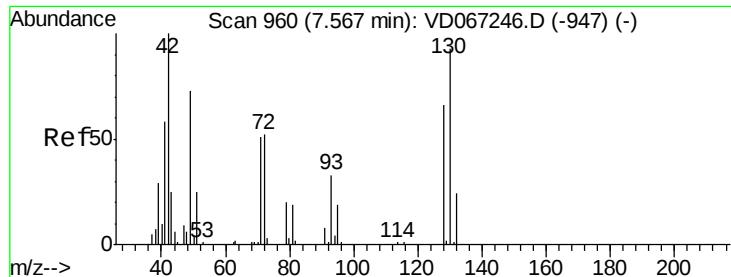
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	49	Resp:	69694
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	1.6#
130	116.3	91.0	136.6





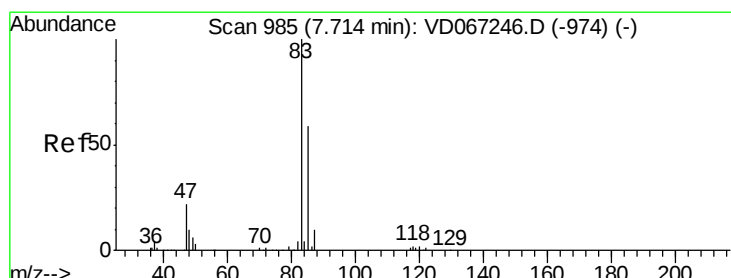
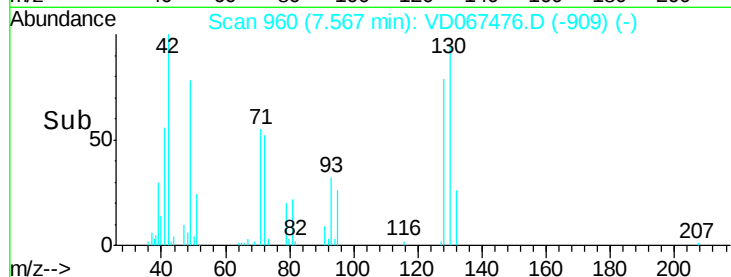
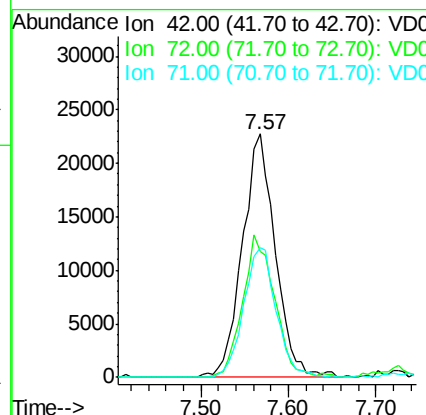
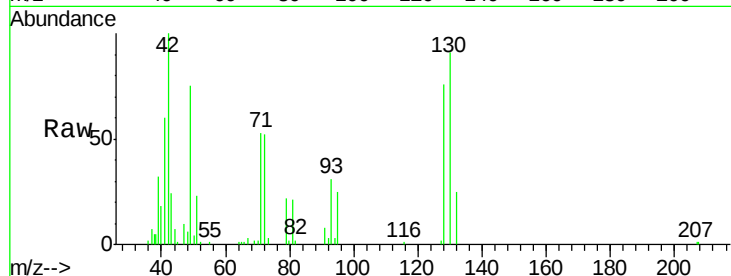
#29
Tetrahydrofuran
Concen: 245.974 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.6	43.2	64.8
71	53.0	39.4	59.0

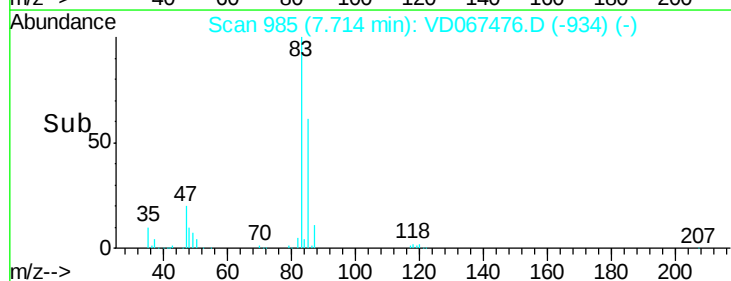
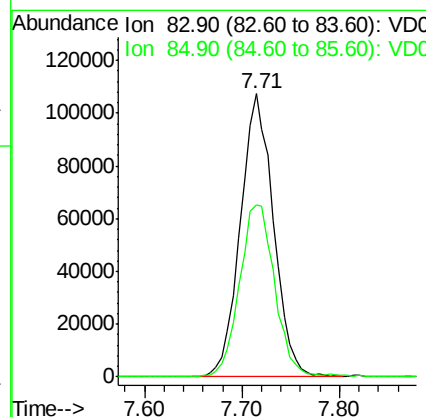
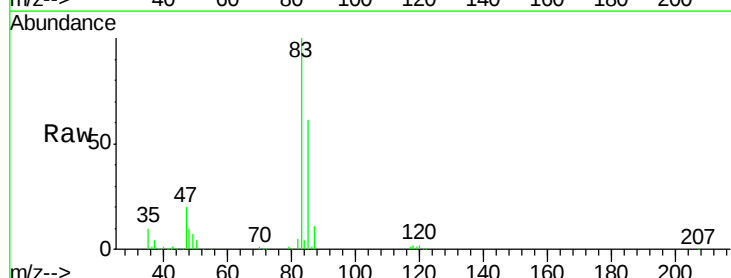
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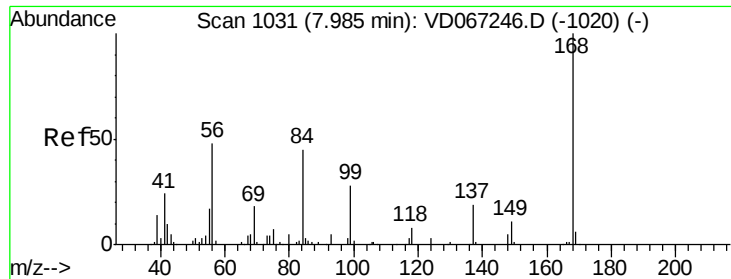
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#30
Chloroform
Concen: 54.490 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	47.3	70.9





#31

Cyclohexane

Concen: 42.107 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

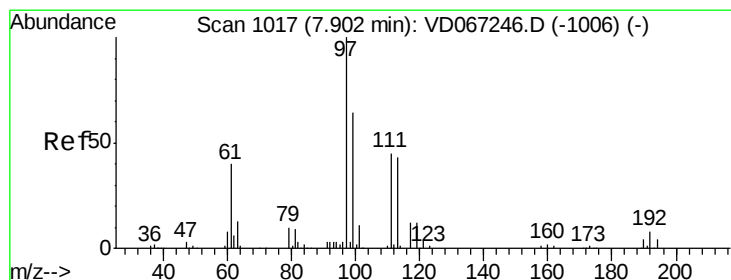
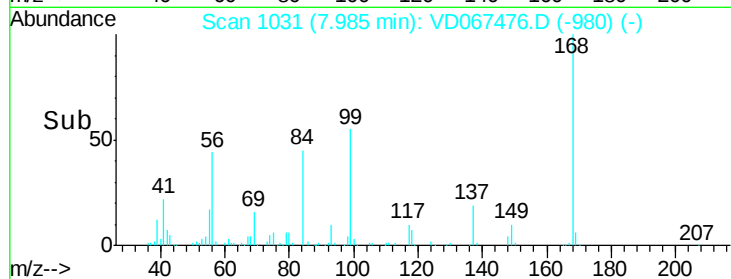
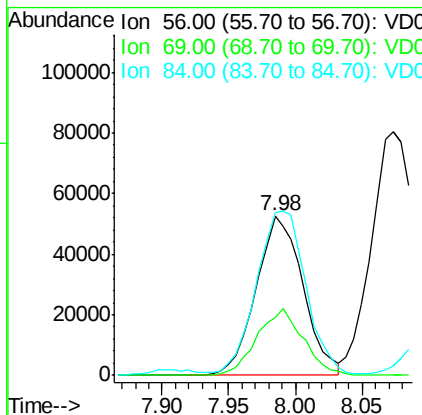
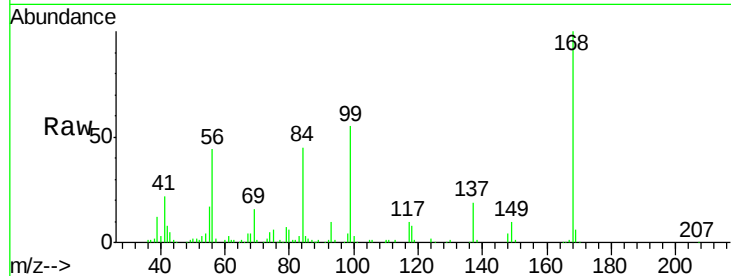
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion	56	Resp	128515
Ion	Ratio	Lower	Upper
56	100		
69	36.1	29.8	44.6
84	98.7	76.6	114.8

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#32

1,1,1-Trichloroethane

Concen: 52.405 ug/l

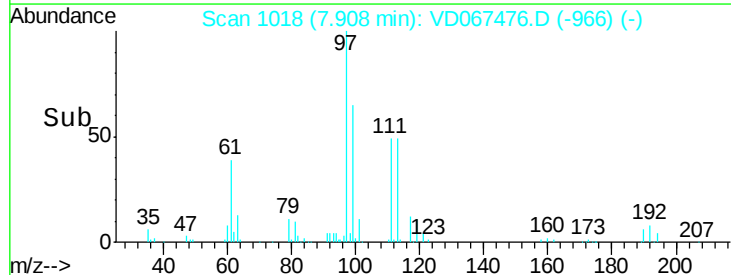
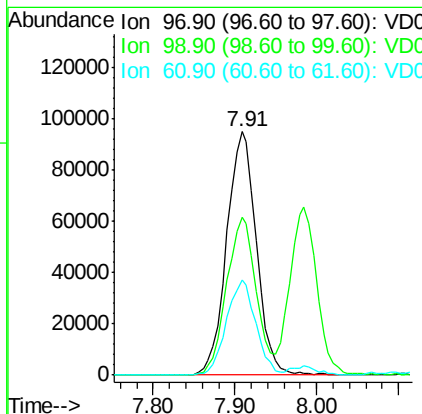
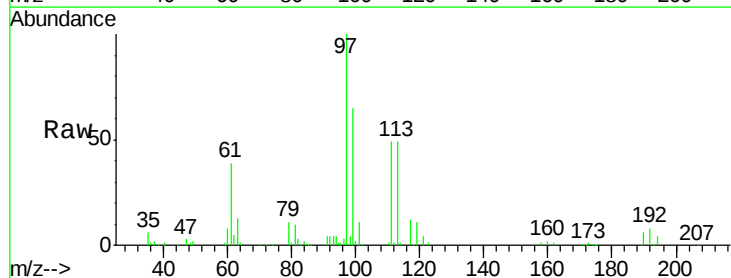
RT: 7.91 min Scan# 1018

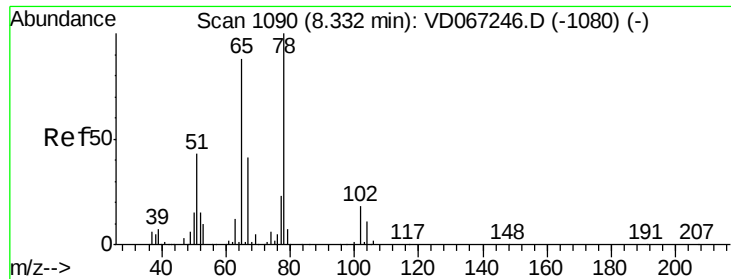
Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion	97	Resp	240116
Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.2	75.4
61	38.7	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 52.179 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 65 Resp: 138270

Ion Ratio Lower Upper

65 100

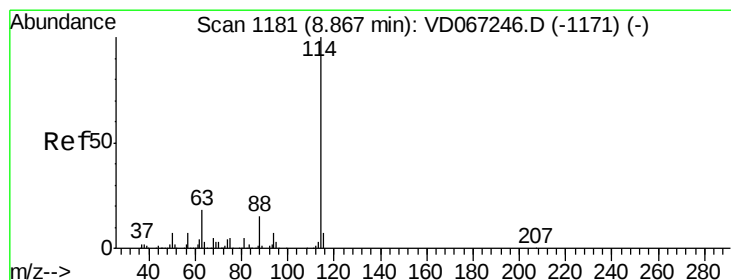
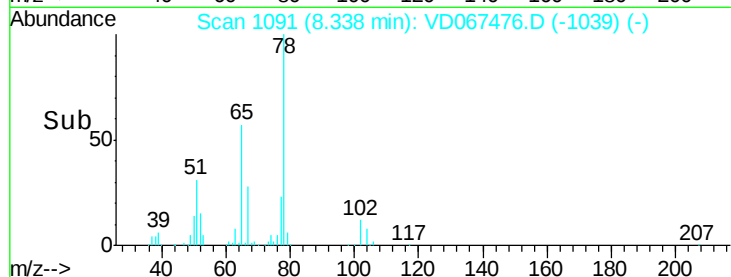
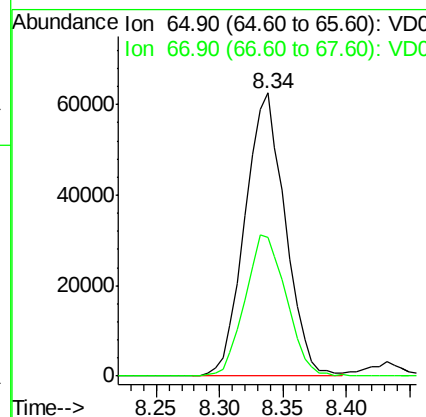
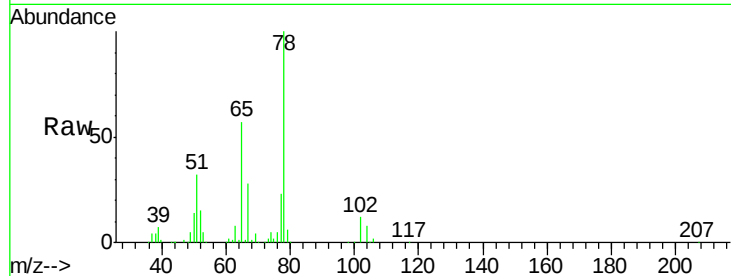
67 51.0 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

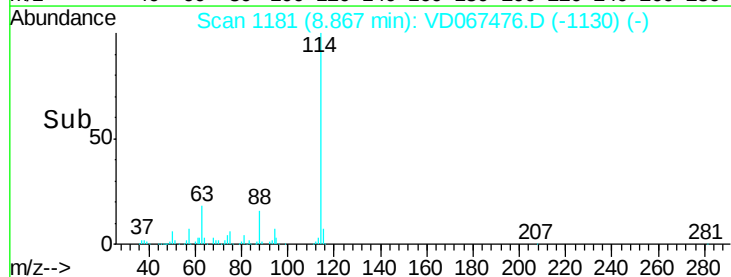
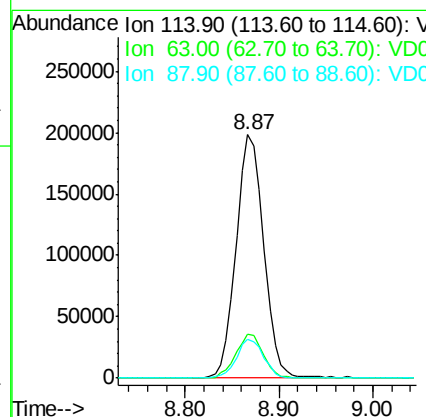
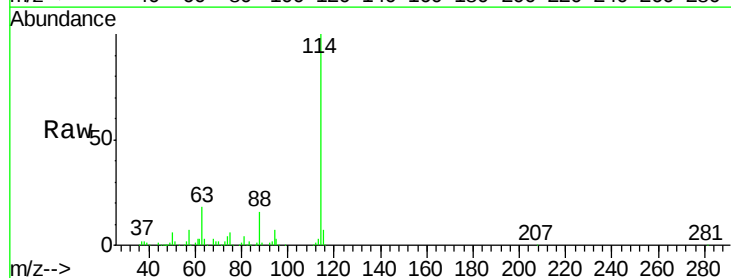
Tgt Ion: 114 Resp: 405714

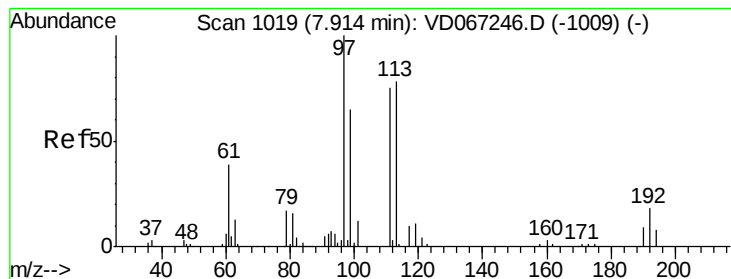
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.948 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

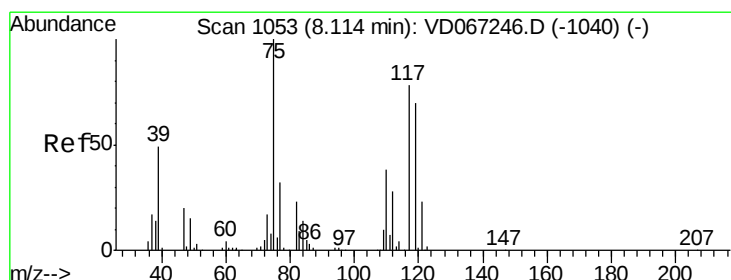
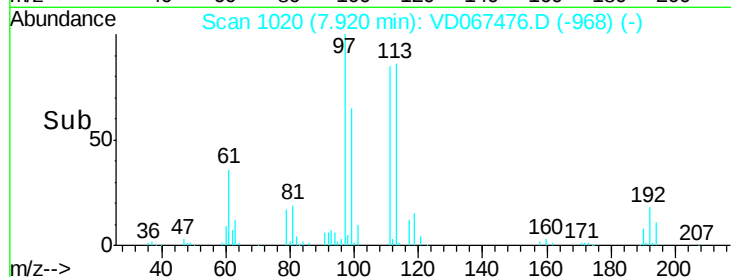
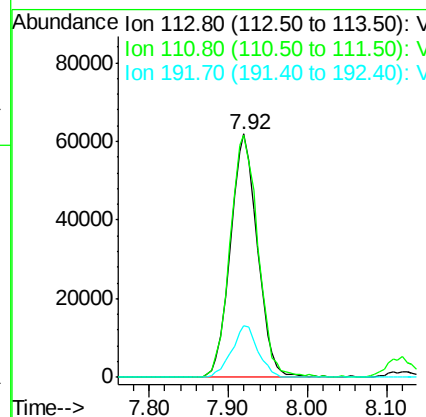
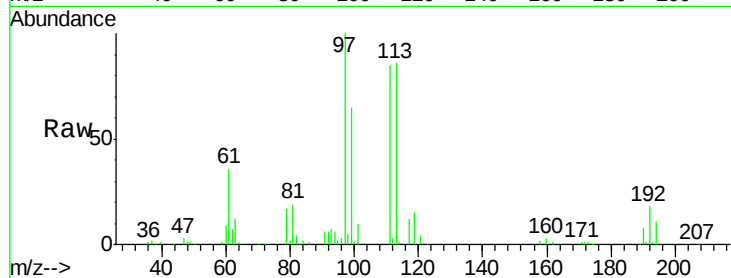
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	113	Resp:	145660
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.6	122.4
192	20.8	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 48.187 ug/l

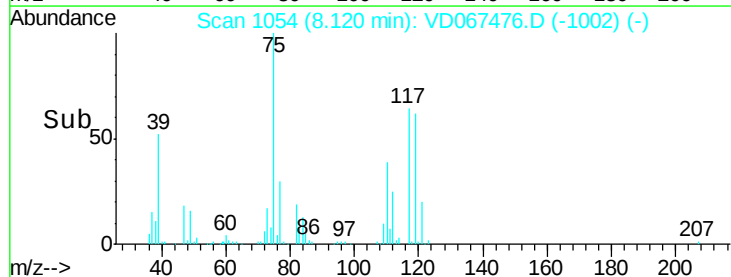
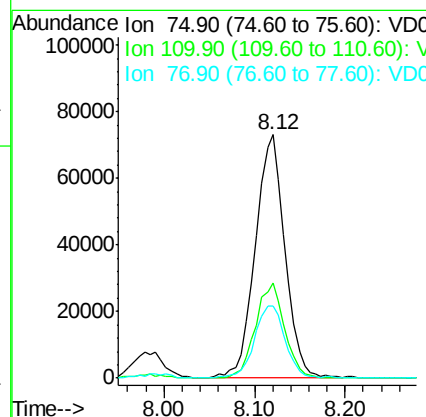
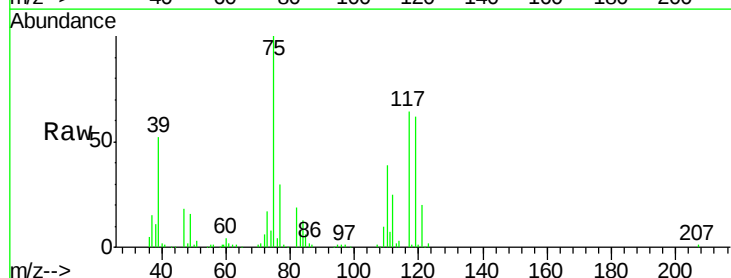
RT: 8.12 min Scan# 1054

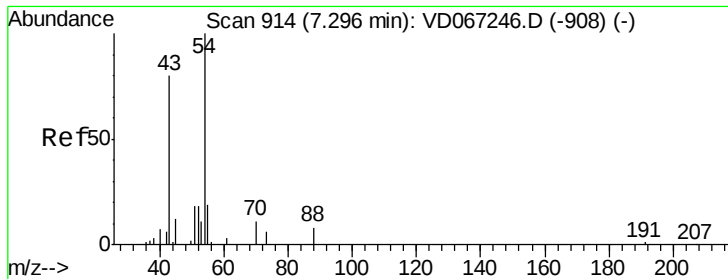
Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	75	Resp:	165701
Ion Ratio	Lower	Upper	
75	100		
110	38.5	19.6	58.7
77	30.7	24.6	37.0





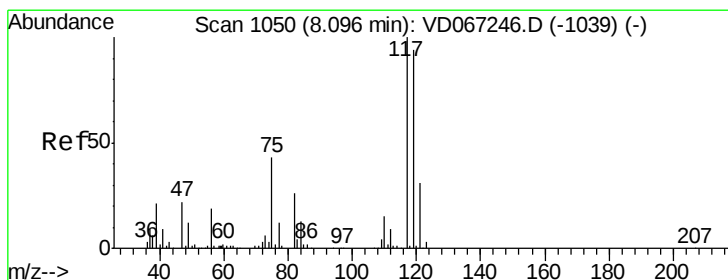
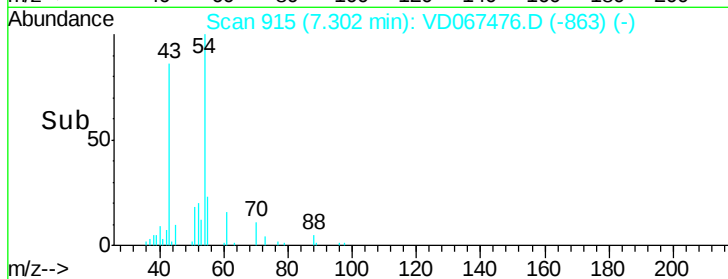
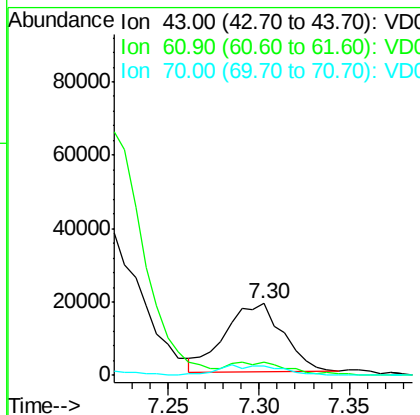
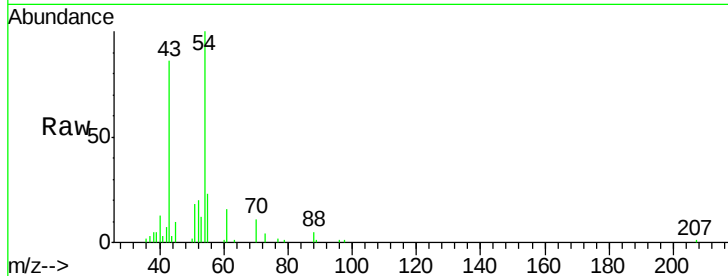
#37
Ethyl Acetate
Concen: 41.608 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.6	23.4
70	7.0	10.4	15.6

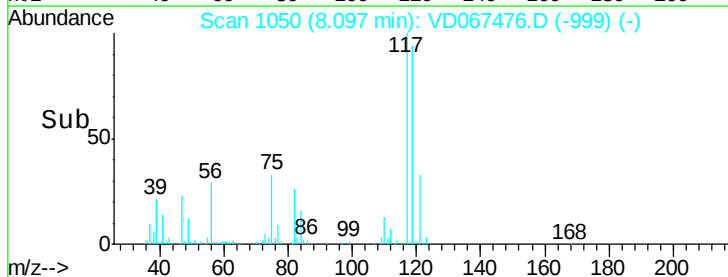
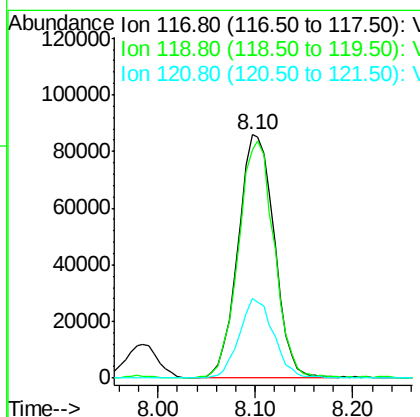
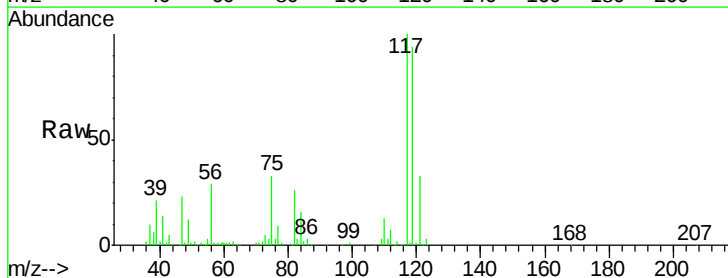
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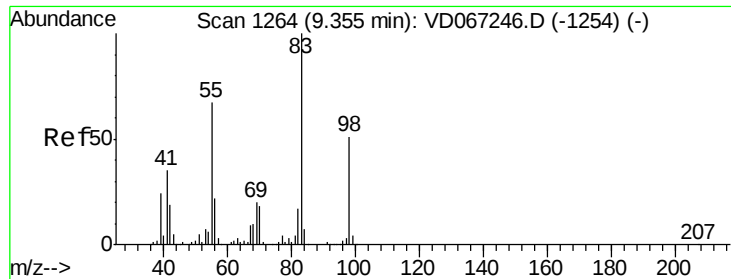
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#38
Carbon Tetrachloride
Concen: 50.453 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.0	112.4
121	32.7	24.9	37.3





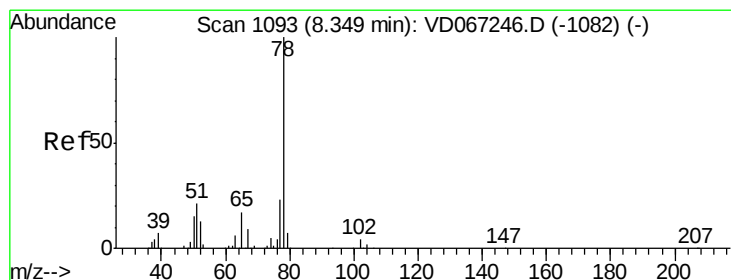
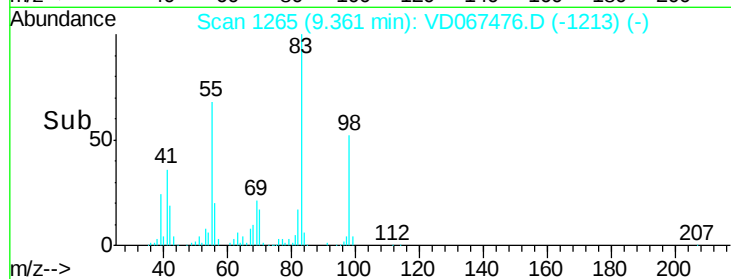
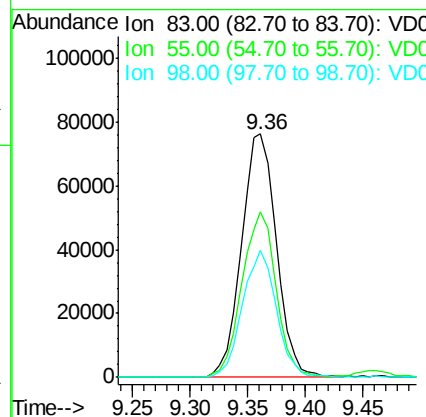
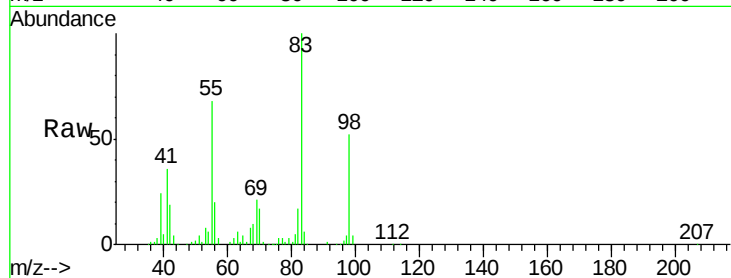
#39
Methvlcvclohexane
Concen: 44.696 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160676		
55	67.8		53.3	79.9
98	52.4		41.0	61.4

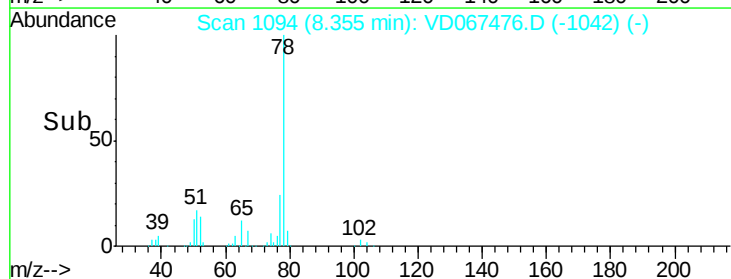
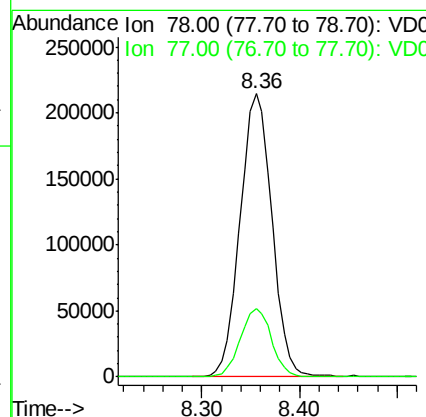
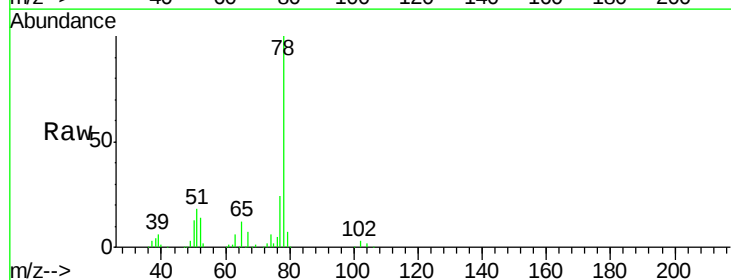
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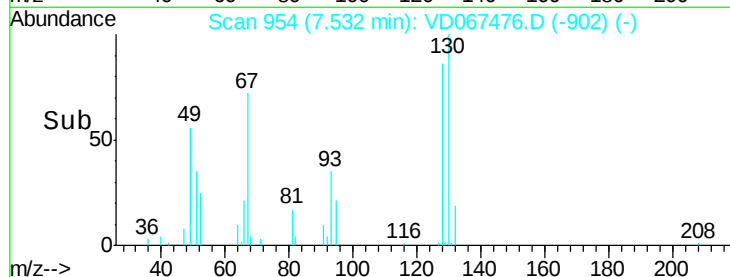
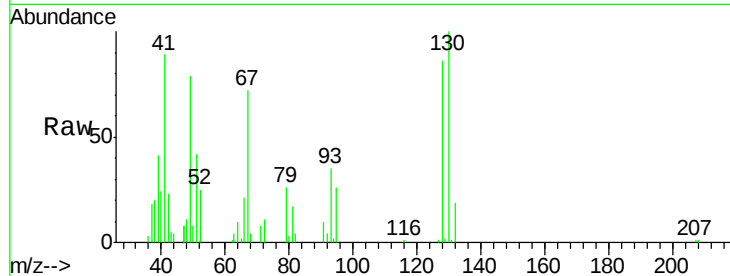
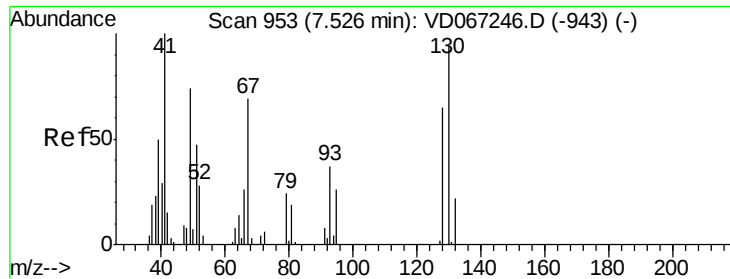
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#40
Benzene
Concen: 51.965 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	490222		
77	24.3		18.3	27.5





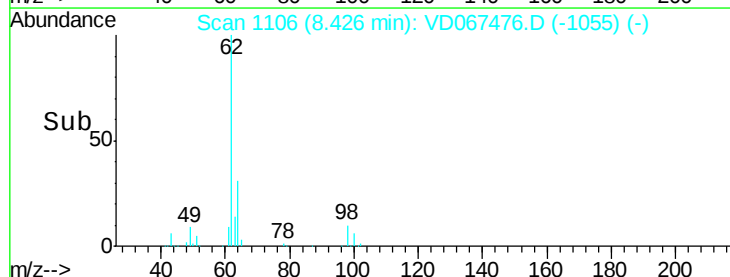
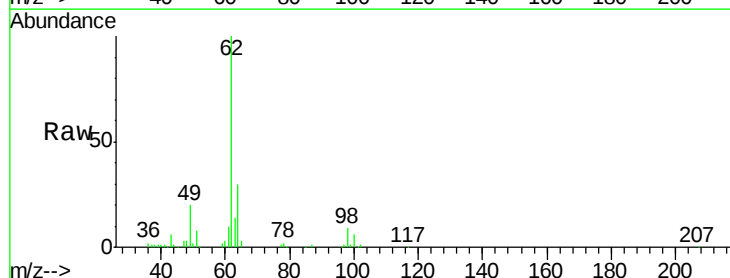
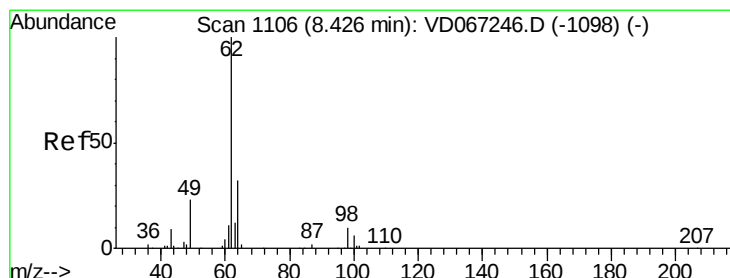
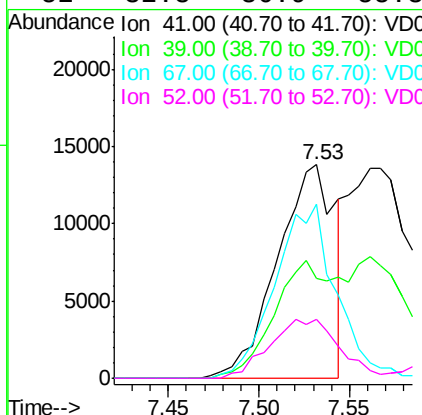
#41
Methacrylonitrile
Concen: 56.306 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.4	60.0	90.0#
67	85.9	88.9	133.3#
52	32.8	36.9	55.3#

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

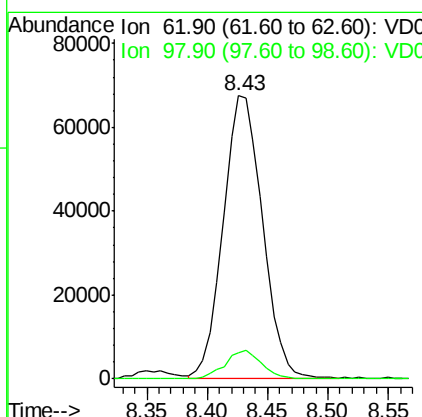
Manual Integrations
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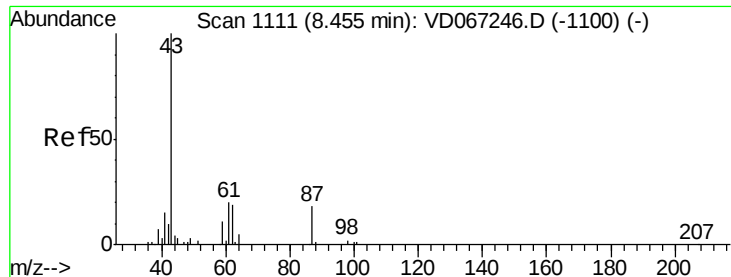
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.583 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4





#43

Isopropyl Acetate

Concen: 48.182 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

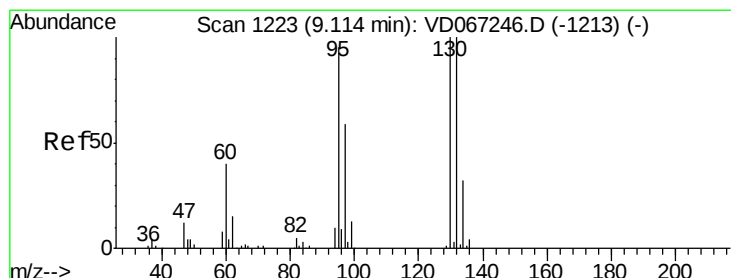
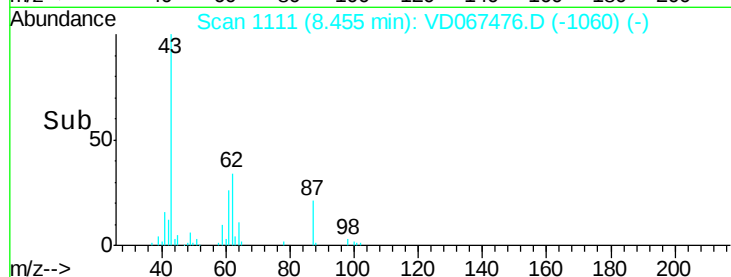
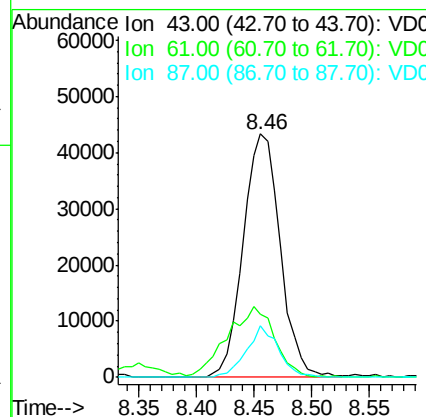
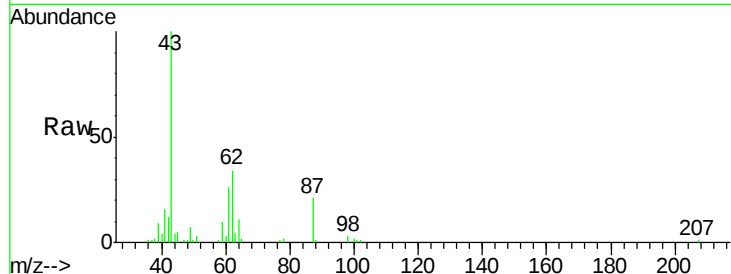
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	43	Resp:	96726
Ion	Ratio	Lower	Upper
43	100		
61	37.2	29.5	44.3
87	18.3	14.2	21.4

Manual Integrations
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#44

Trichloroethene

Concen: 51.164 ug/l

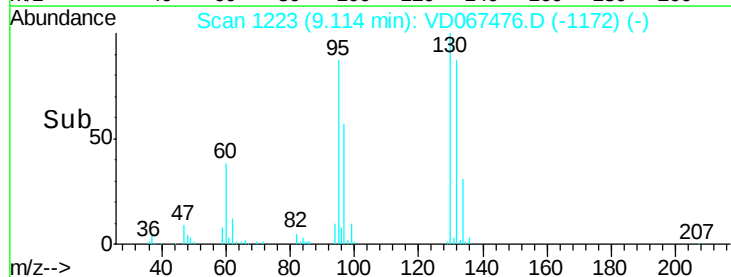
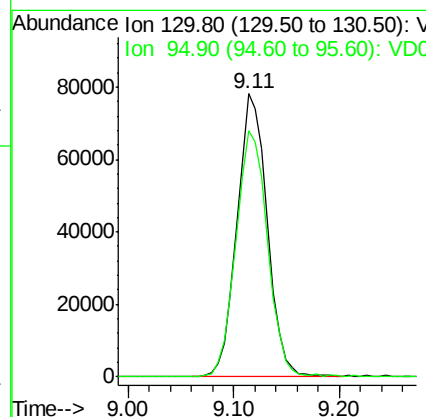
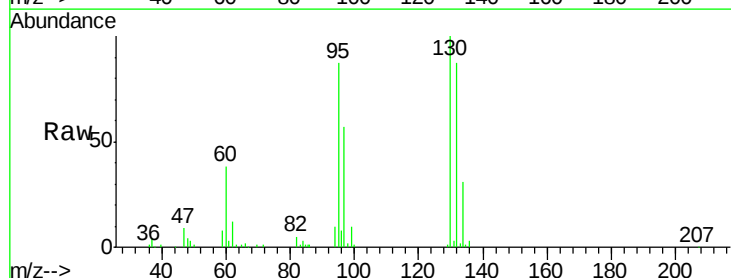
RT: 9.11 min Scan# 1223

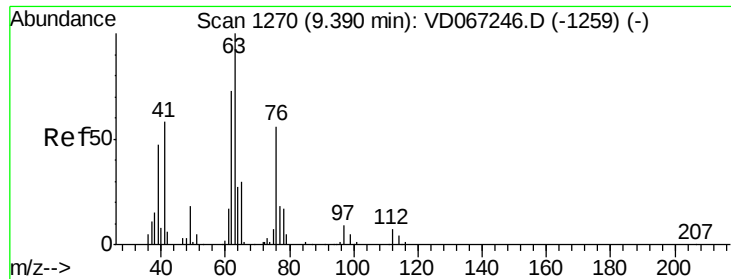
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	130	Resp:	154538
Ion	Ratio	Lower	Upper
130	100		
95	87.2	0.0	190.6





#45

1,2-Dichloropropane

Concen: 51.994 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 63 Resp: 113676

Ion Ratio Lower Upper

63 100

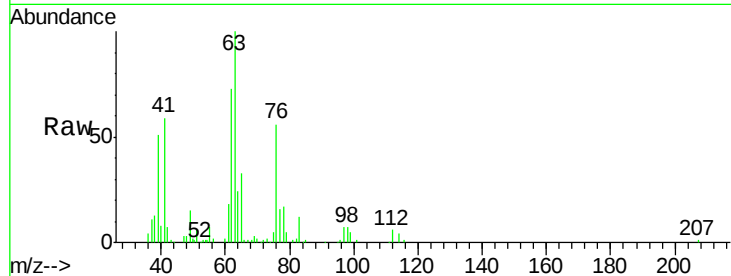
65 32.6 24.6 36.8

Manual Integrations

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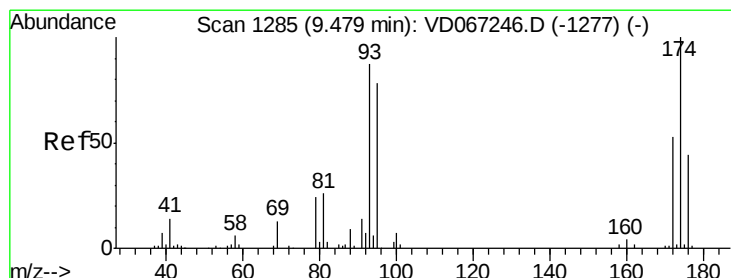
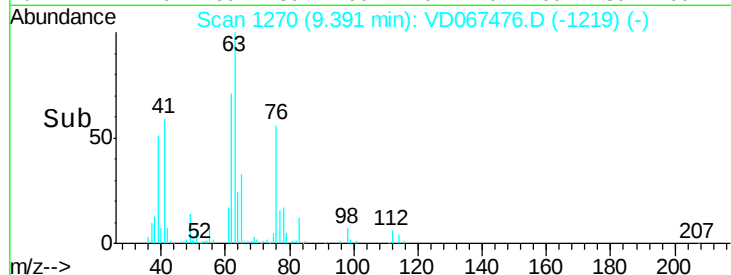
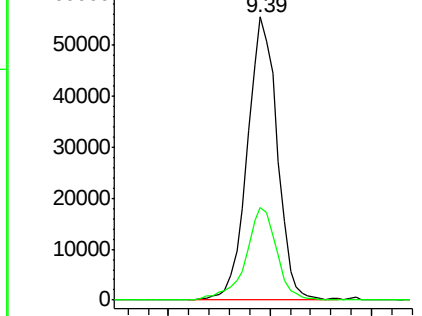
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.484 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

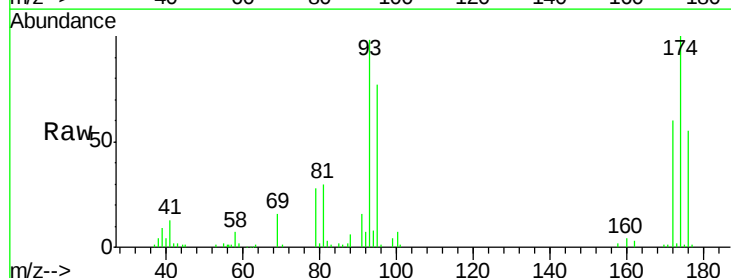
Tgt Ion: 93 Resp: 67407

Ion Ratio Lower Upper

93 100

95 81.6 68.0 102.0

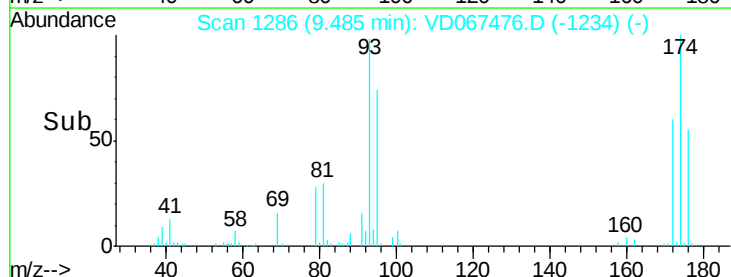
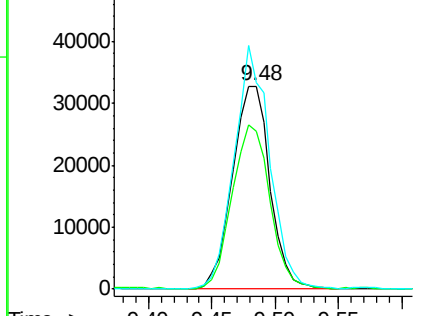
174 113.3 91.8 137.6

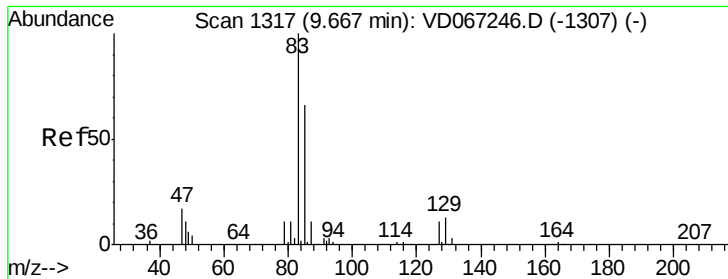


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.739 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

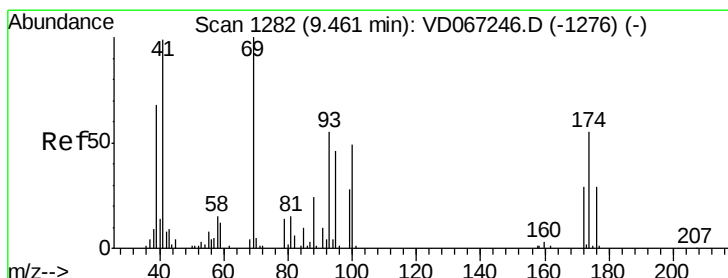
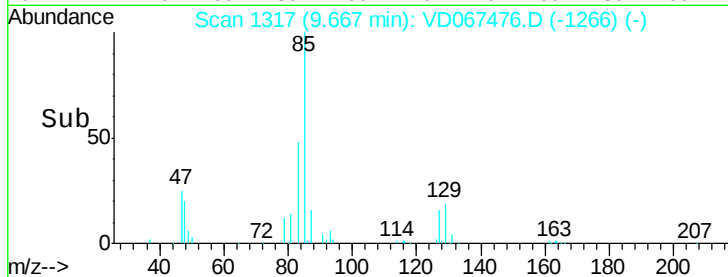
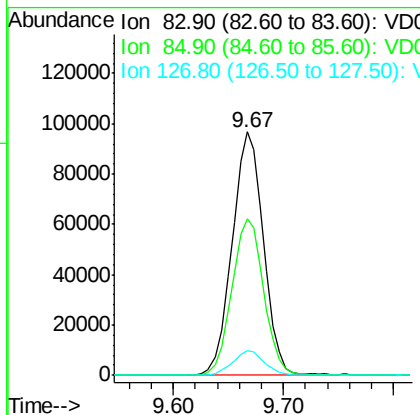
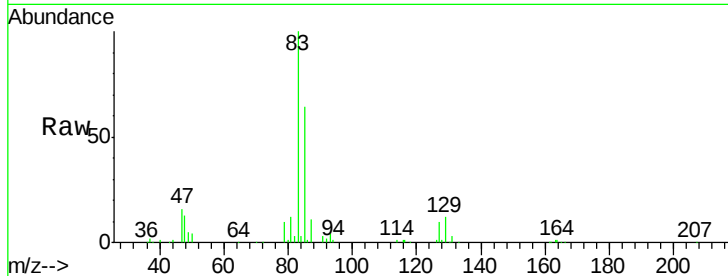
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	83	Resp:	192479
Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.1	79.7
127	10.4	8.6	13.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.978 ug/l

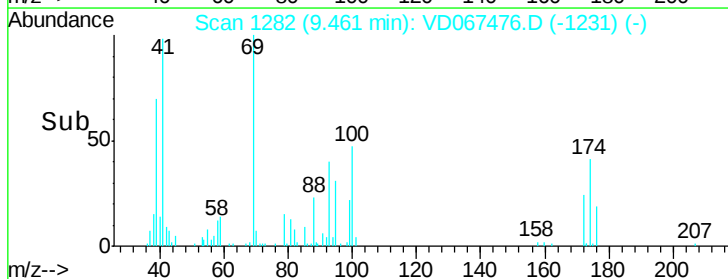
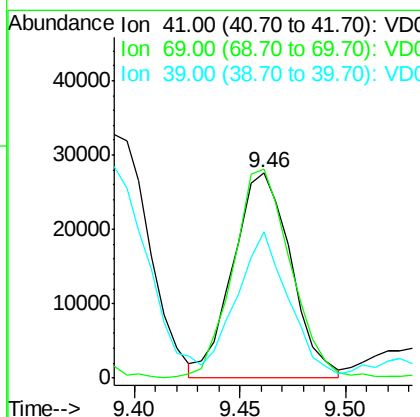
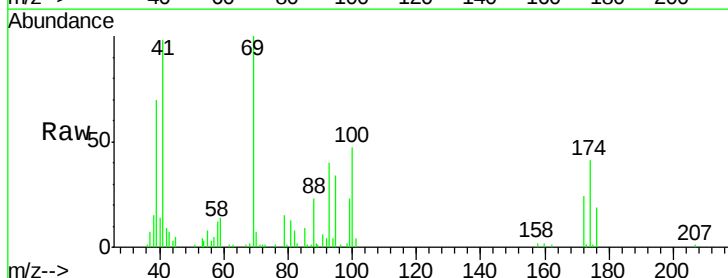
RT: 9.46 min Scan# 1282

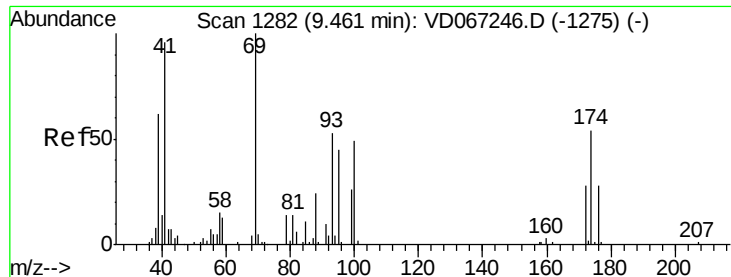
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	41	Resp:	52661
Ion	Ratio	Lower	Upper
41	100		
69	101.7	89.0	133.6
39	64.7	60.2	90.2





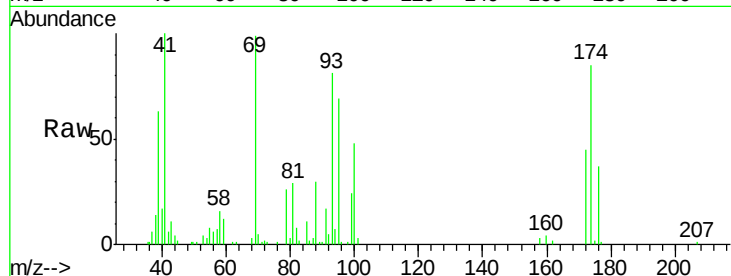
#49
1,4-Dioxane
Concen: 1077.970 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

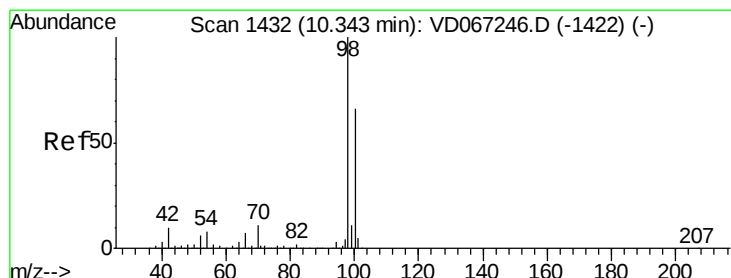
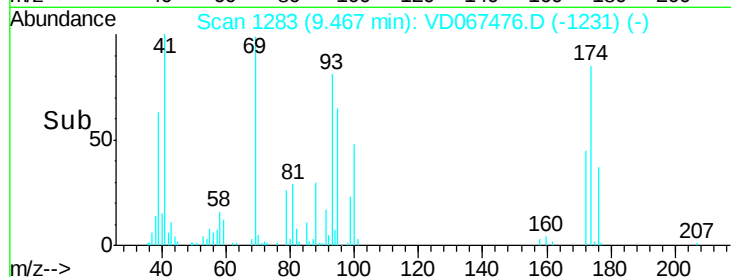
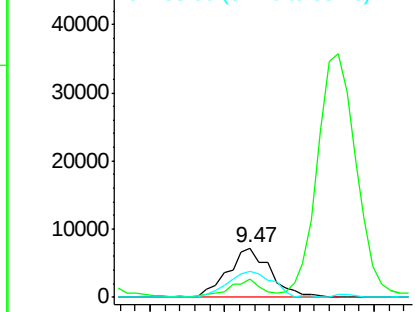
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.9	35.9
58	56.3	51.0	76.6

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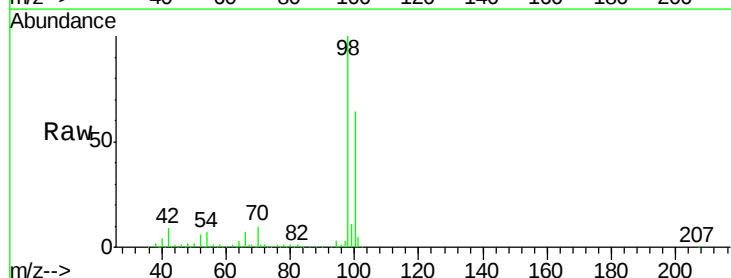


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

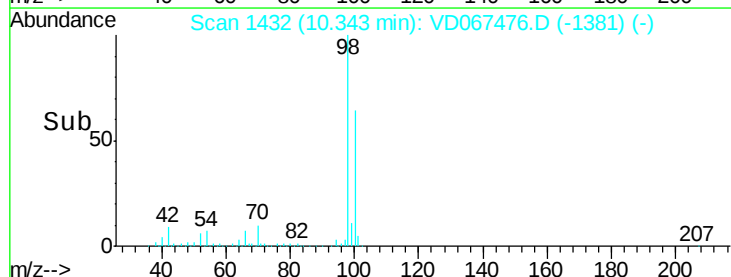
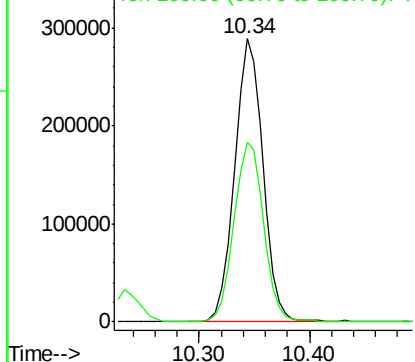


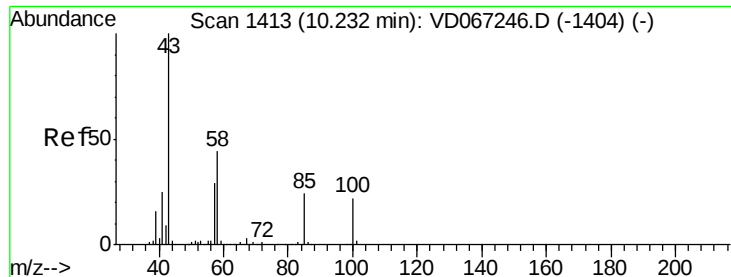
#50
Toluene-d8
Concen: 53.364 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 241.593 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 43 Resp: 241905

Ion Ratio Lower Upper

43 100

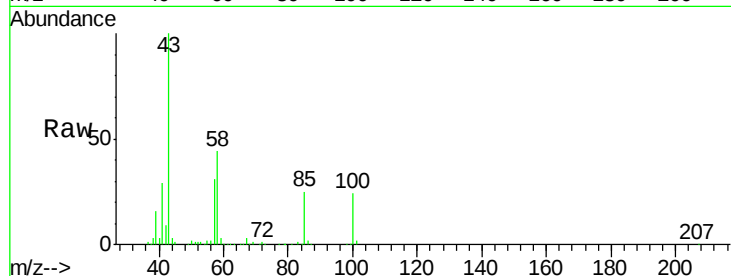
58 44.3 35.7 53.5

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

150000

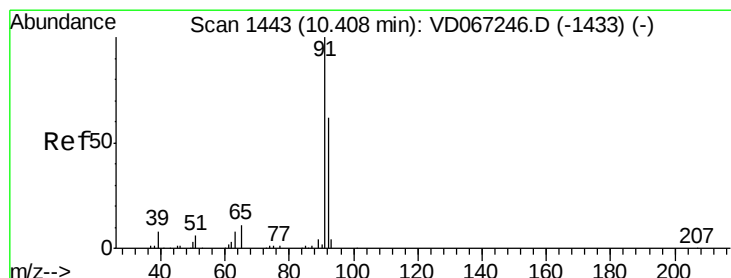
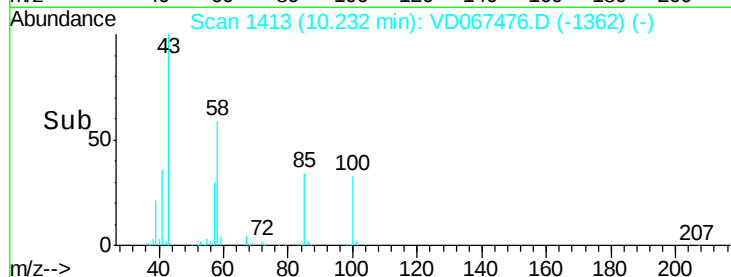
100000

50000

0

10.20 10.30

Time-->



#52

Toluene

Concen: 51.910 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067476.D

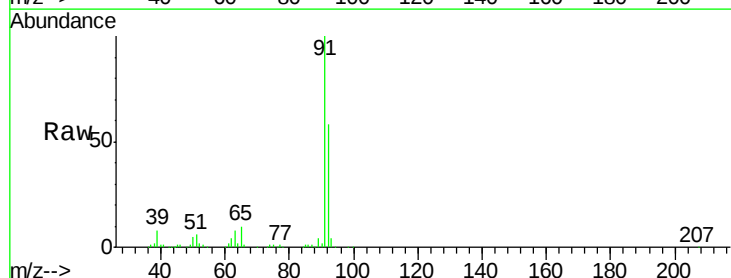
Acq: 30 Oct 2020 17:04

Tgt Ion: 92 Resp: 333535

Ion Ratio Lower Upper

92 100

91 170.5 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

300000

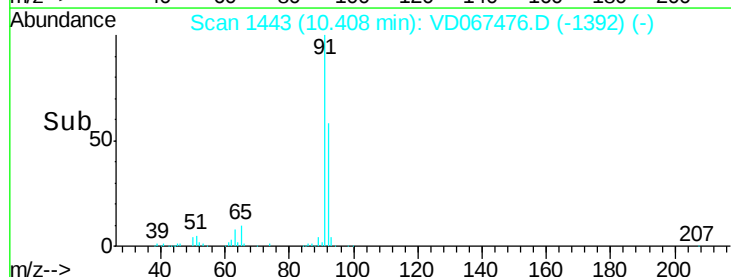
200000

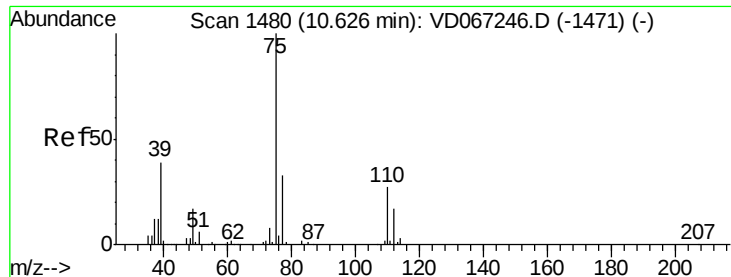
100000

0

10.30 10.40 10.50

Time-->





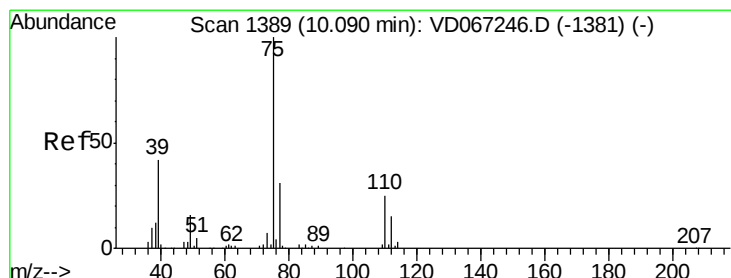
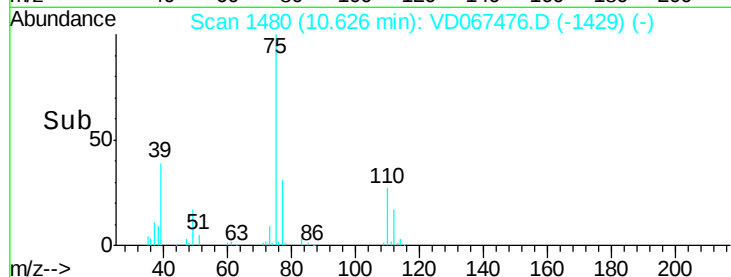
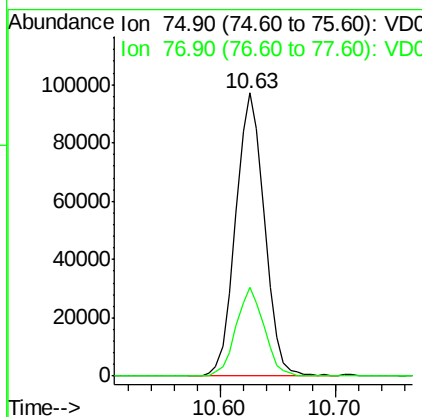
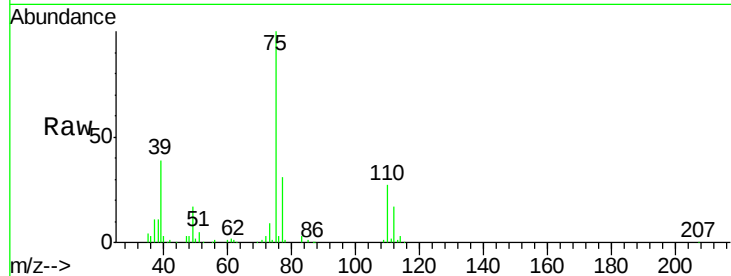
#53
 t-1,3-Dichloropropene
 Concen: 52.258 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion: 75 Resp: 167539
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.5 39.7

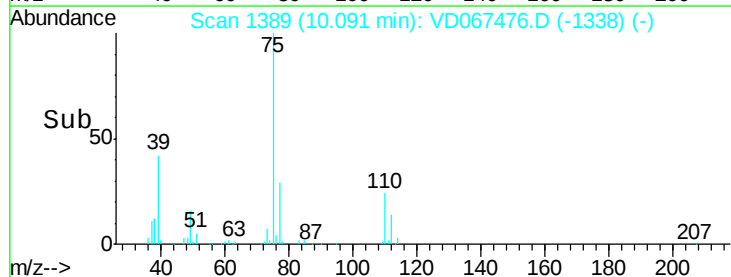
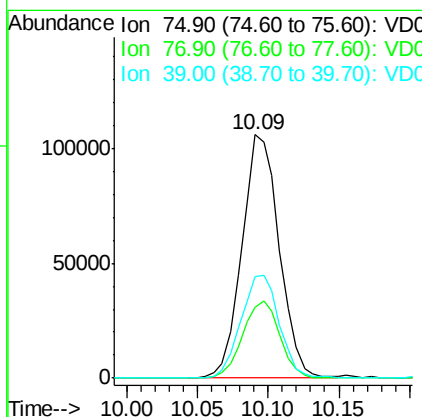
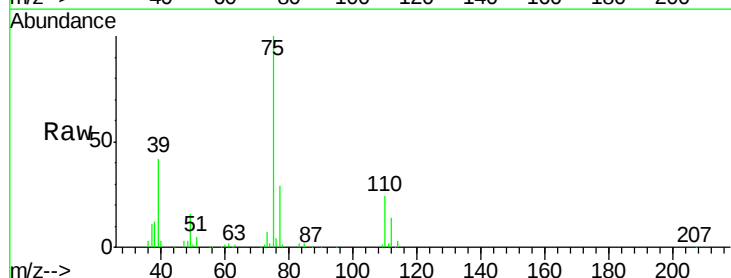
Manual Integrations
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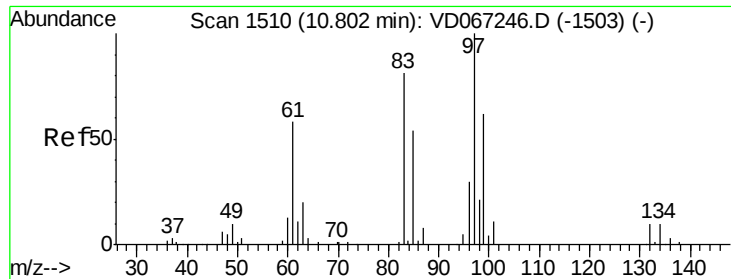
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#54
 cis-1,3-Dichloropropene
 Concen: 52.184 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion: 75 Resp: 195795
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.5 36.7
 39 41.5 33.7 50.5





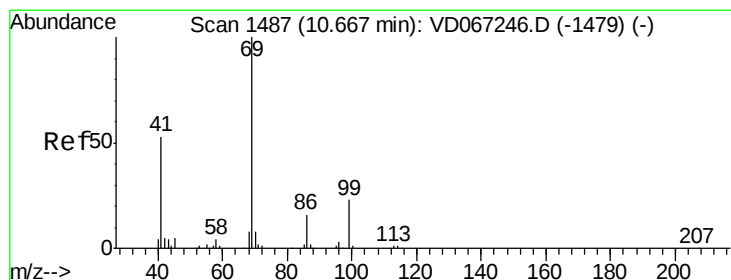
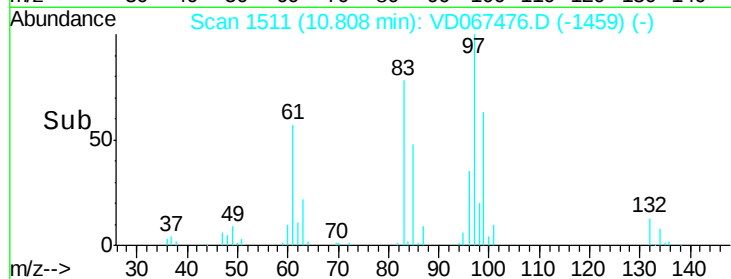
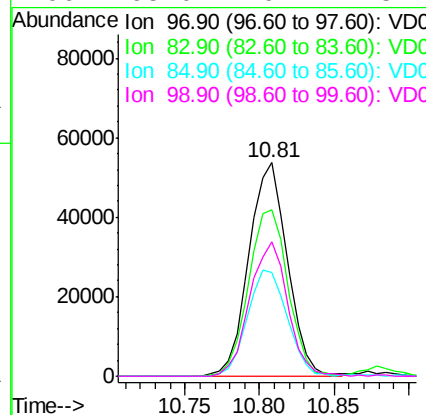
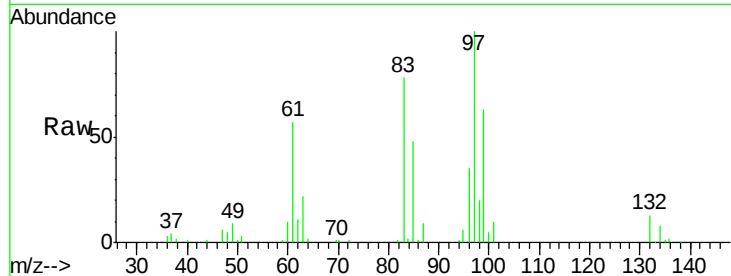
#55
 1,1,2-Trichloroethane
 Concen: 51.669 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95977		
83	78.1	64.9	97.3		
85	48.4	43.3	64.9		
99	63.0	49.1	73.7		

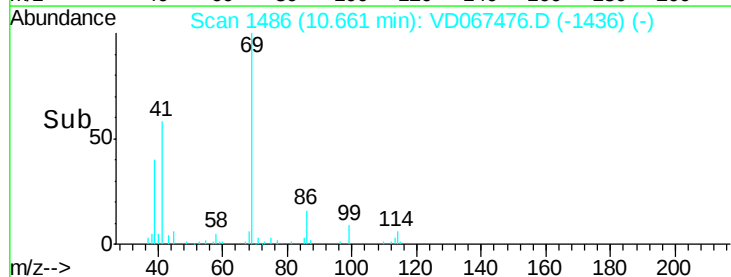
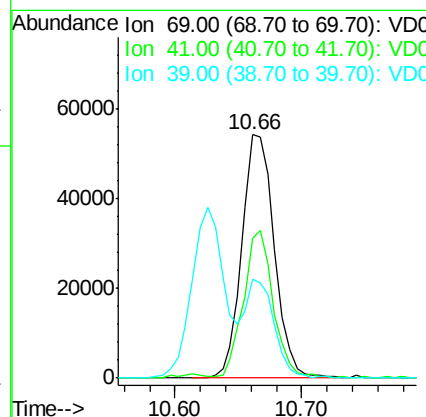
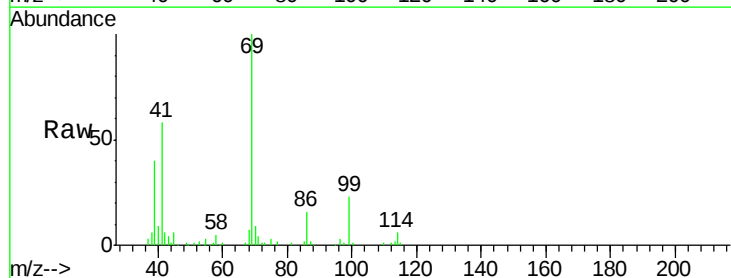
Manual Integrations
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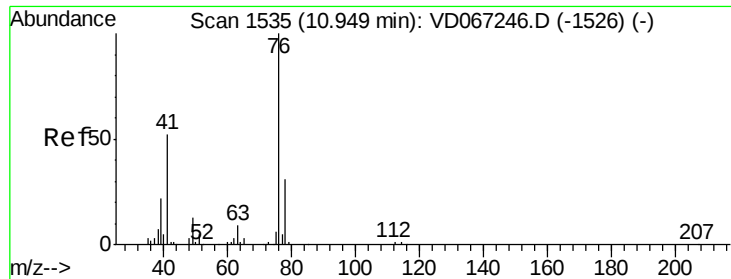
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#56
 Ethyl methacrylate
 Concen: 49.938 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		96204		
41	55.1	44.7	67.1		
39	36.2	26.2	39.2		





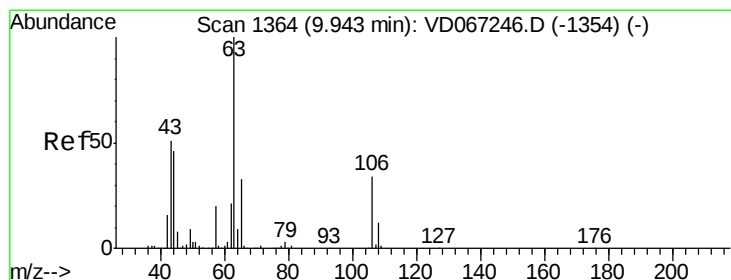
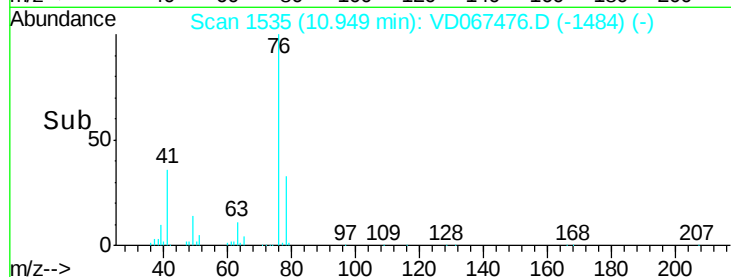
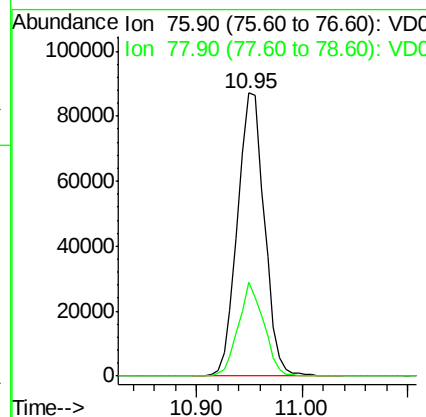
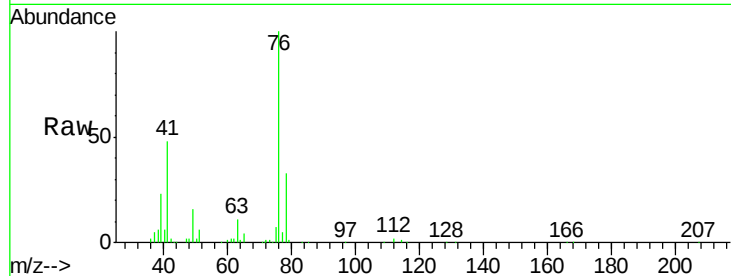
#57
 1,3-Dichloropropane
 Concen: 51.948 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion: 76 Resp: 153566
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.8 40.2

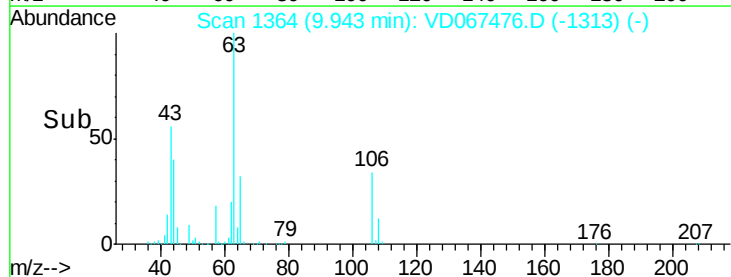
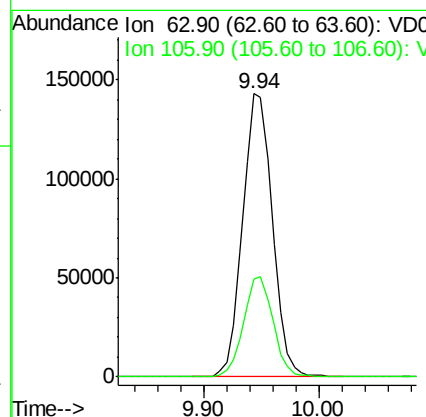
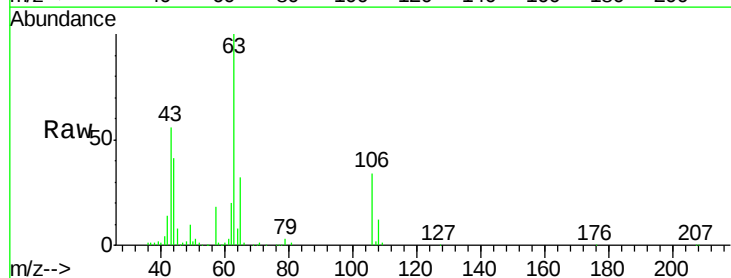
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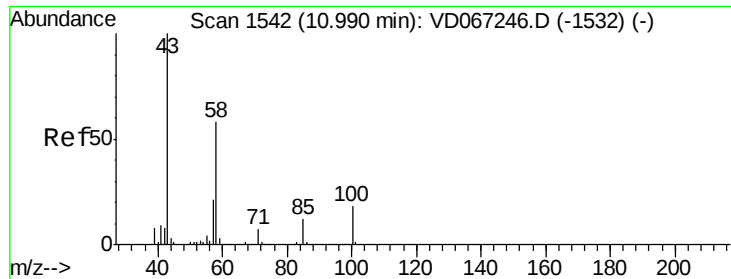
MMDadoda
 11/2/2020 4:09:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.805 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion: 63 Resp: 255771
 Ion Ratio Lower Upper
 63 100
 106 35.1 27.8 41.6





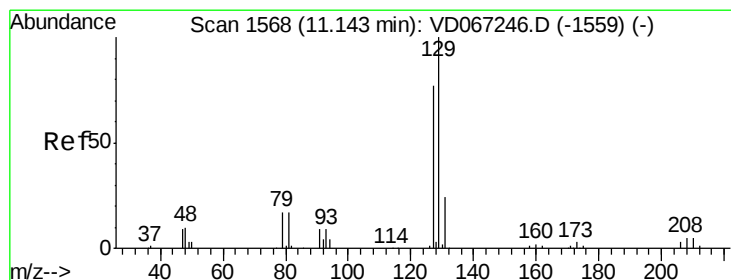
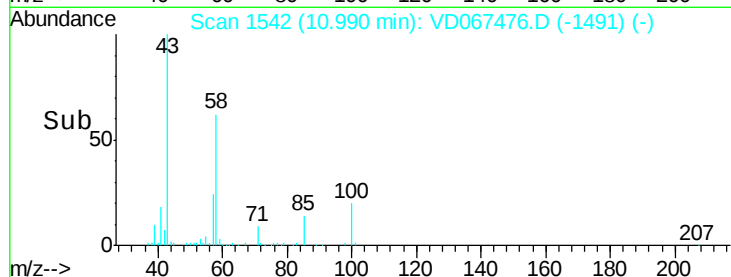
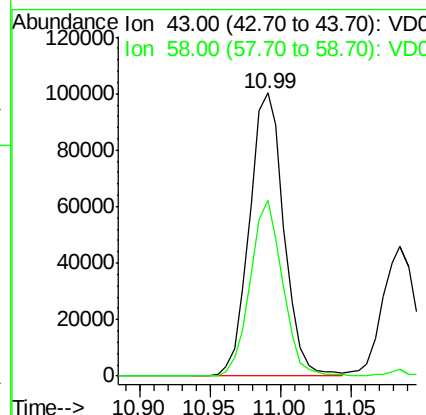
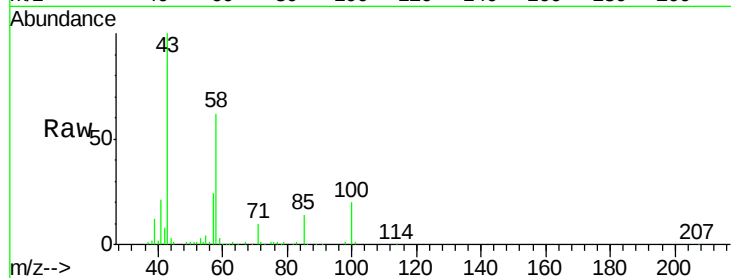
#59
2-Hexanone
Concen: 251.136 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.6	29.3	87.9

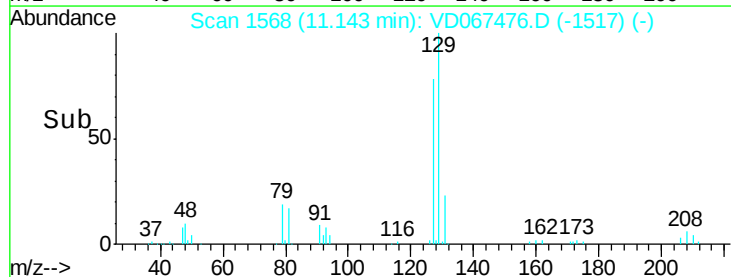
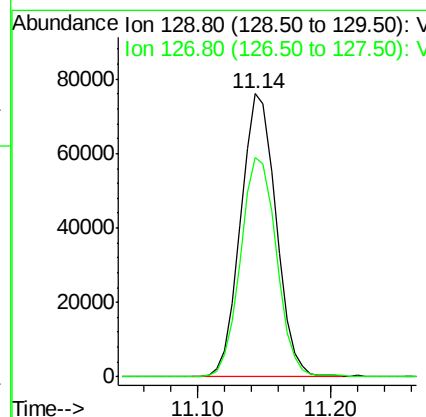
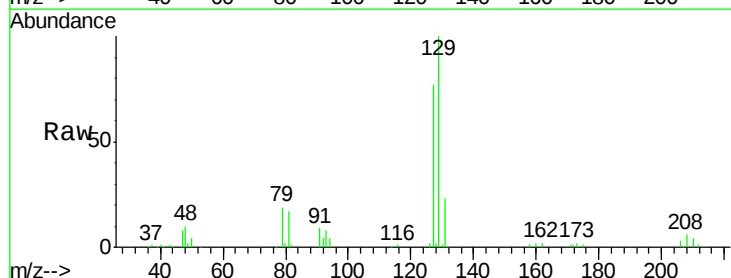
Manual Integrations
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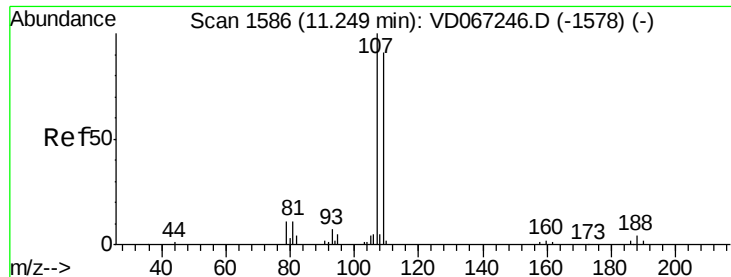
MMDadoda
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#60
Dibromochloromethane
Concen: 51.614 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.3	114.8





#61

1,2-Dibromoethane

Concen: 49.690 ug/l

RT: 11.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:107 Resp: 90996

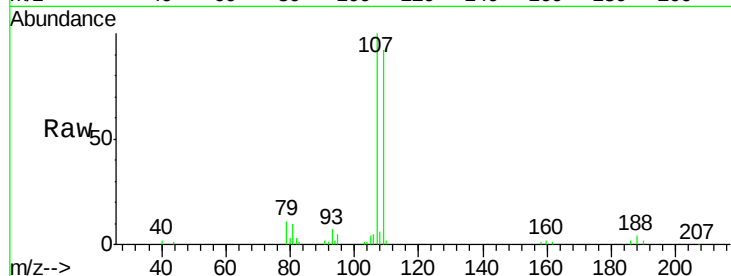
Ion Ratio Lower Upper

107 100

109 94.5 74.6 112.0

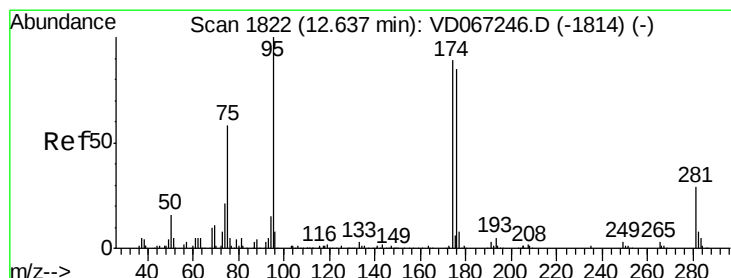
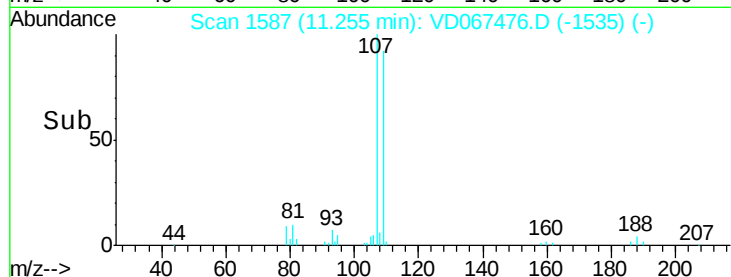
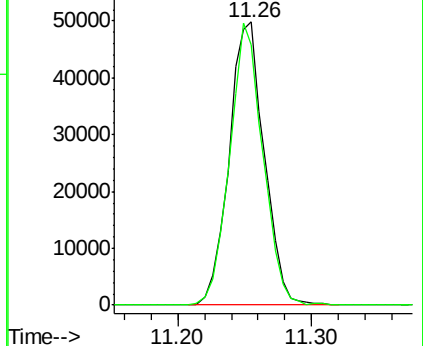
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.021 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

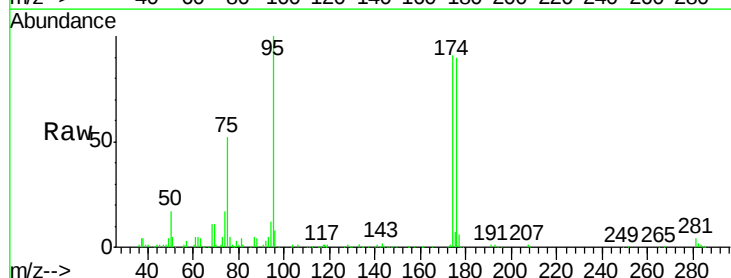
Tgt Ion: 95 Resp: 180148

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.2

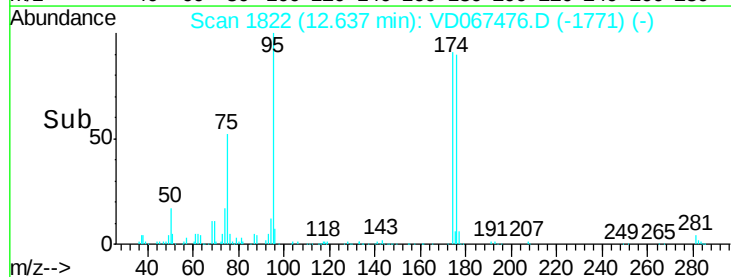
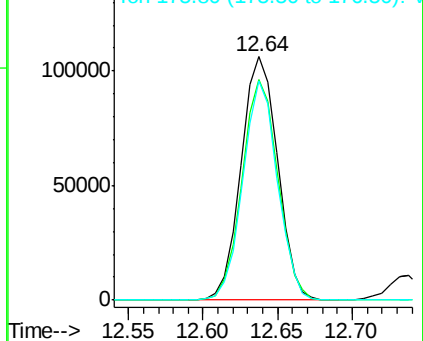
176 85.0 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





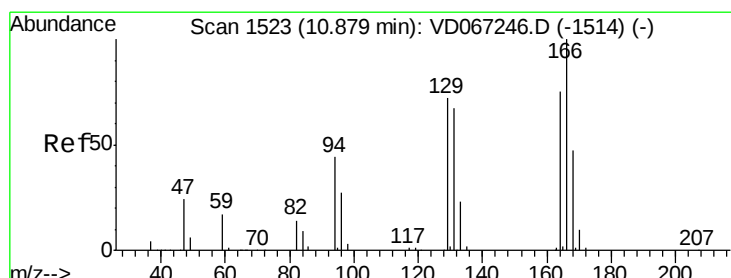
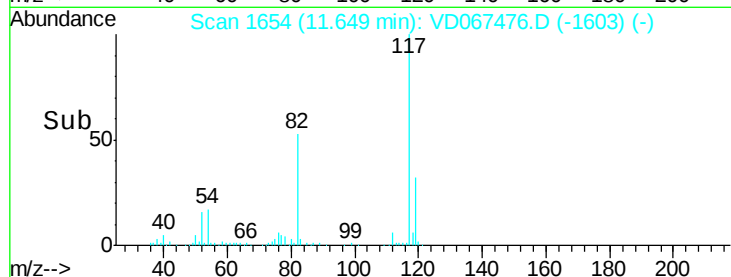
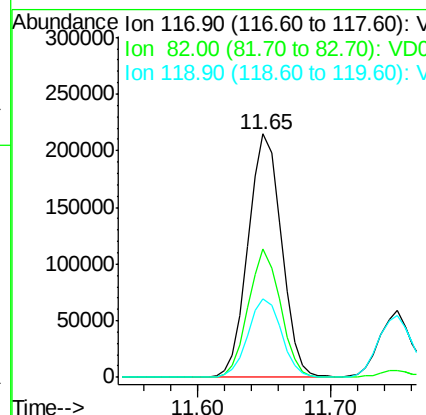
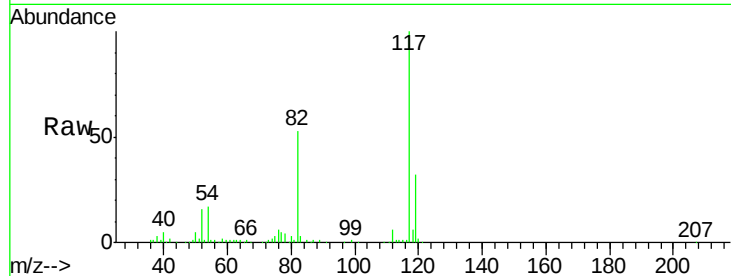
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	370494		
82	52.9		39.9	59.9
119	32.4		24.9	37.3

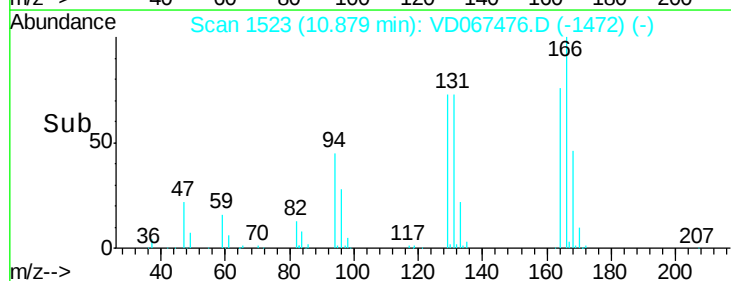
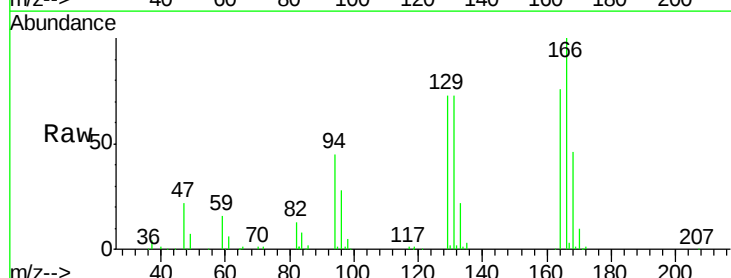
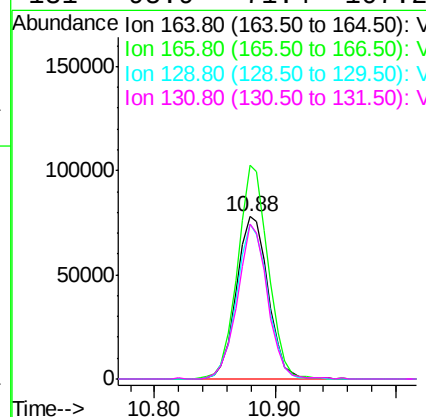
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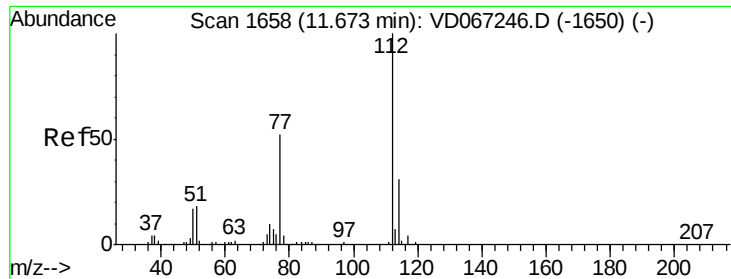
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#64
Tetrachloroethene
Concen: 53.058 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142425		
166	131.8		107.3	160.9
129	95.6		77.3	115.9
131	95.9		71.4	107.2





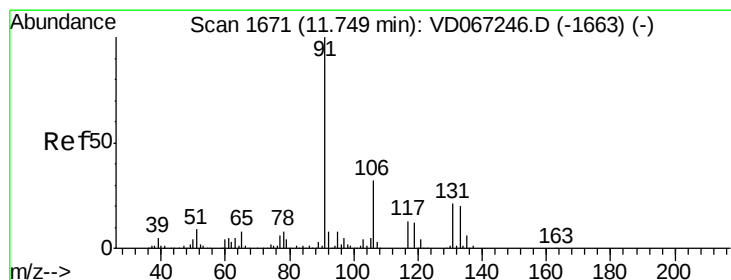
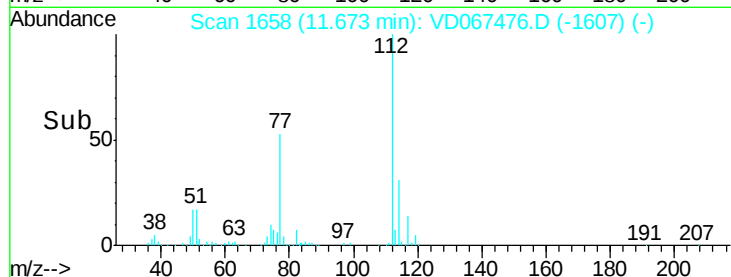
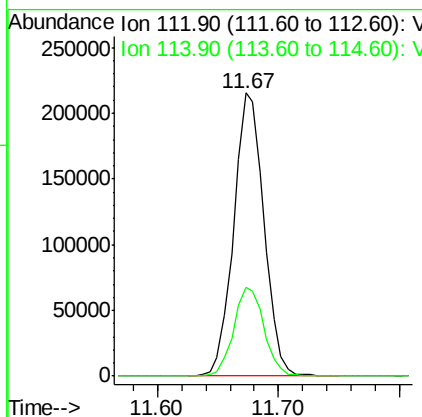
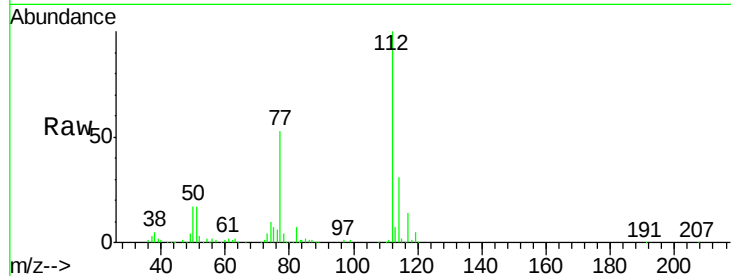
#65
Chlorobenzene
Concen: 52.879 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion:112 Resp: 375684
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

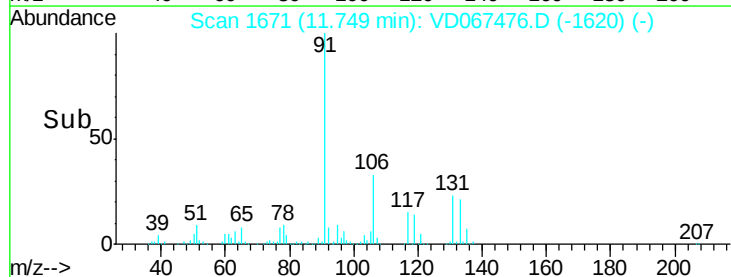
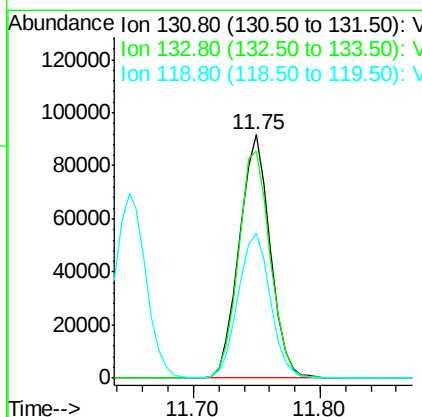
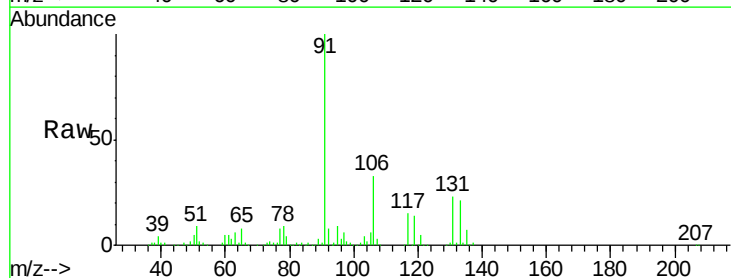
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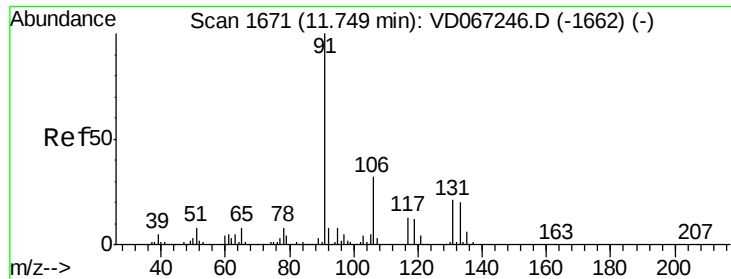
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.844 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion:131 Resp: 154864
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 62.3 30.0 90.0





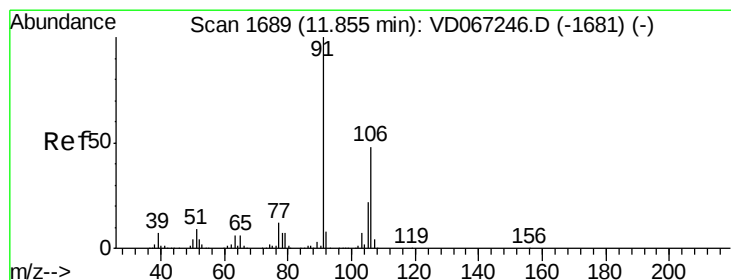
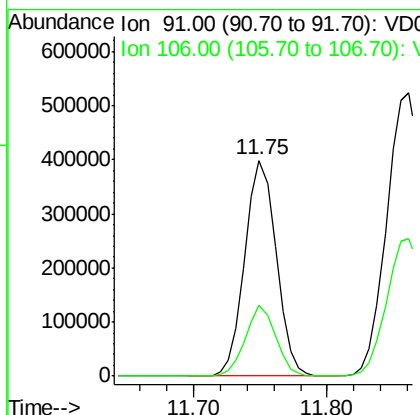
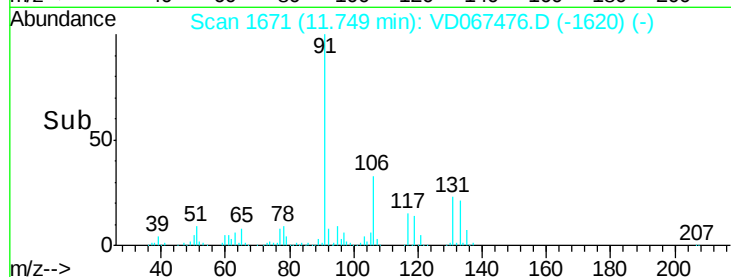
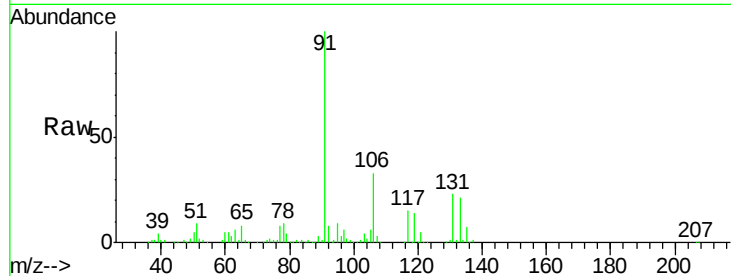
#67
Ethyl Benzene
Concen: 53.403 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion: 91 Resp: 650382
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0

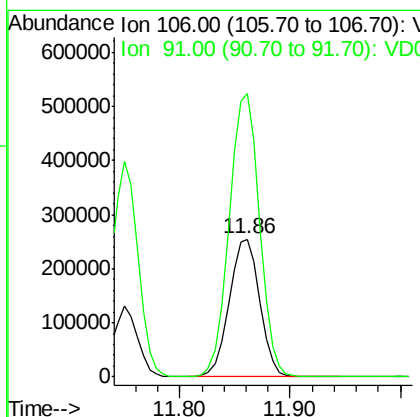
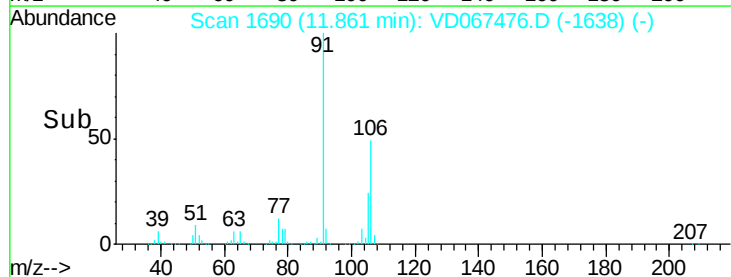
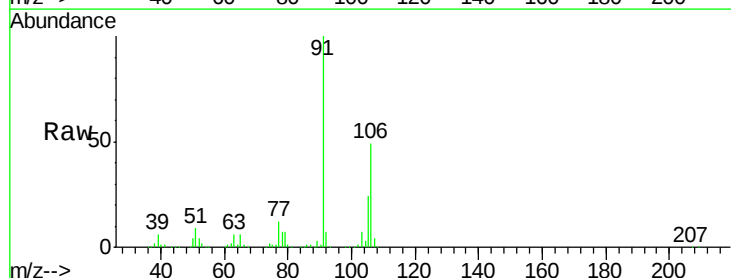
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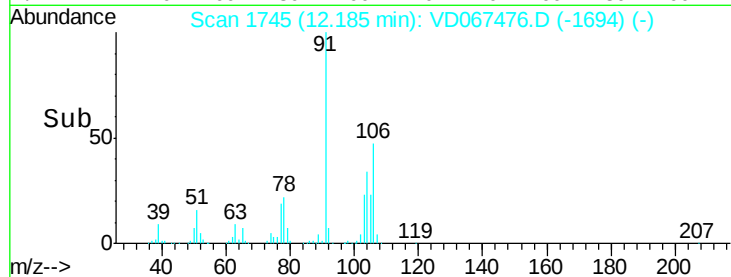
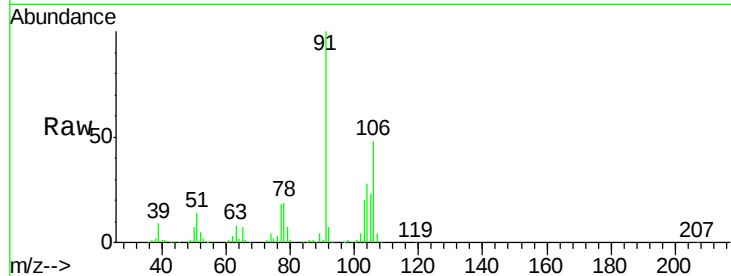
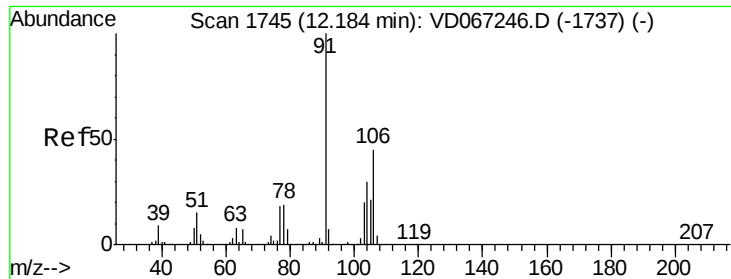
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#68
m/p-Xylenes
Concen: 105.393 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 106 Resp: 494275
Ion Ratio Lower Upper
106 100
91 203.9 163.8 245.8





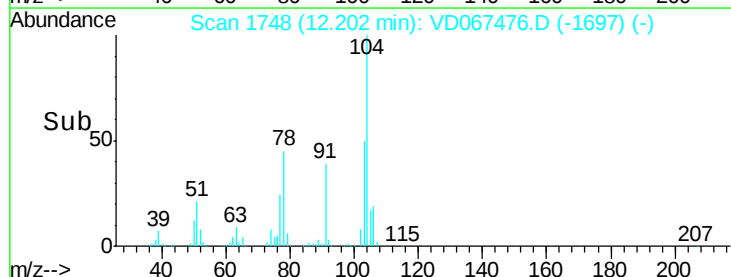
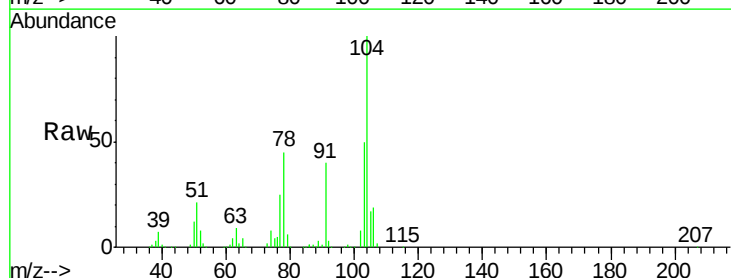
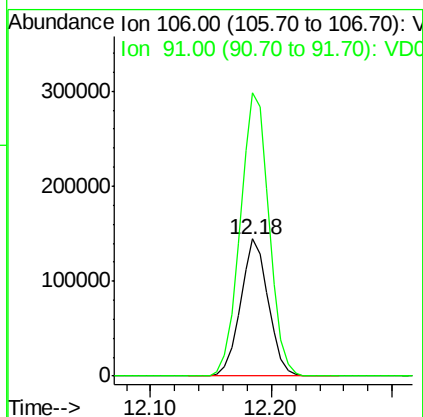
#69
o-Xylene
Concen: 53.242 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tot Ion	Ratio	Resp	Lower	Upper
106	100	231220		
91	214.2	109.1	327.3	

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

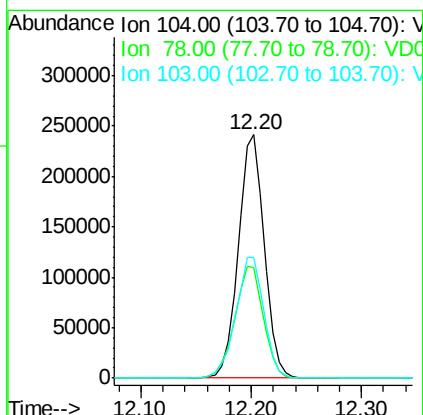
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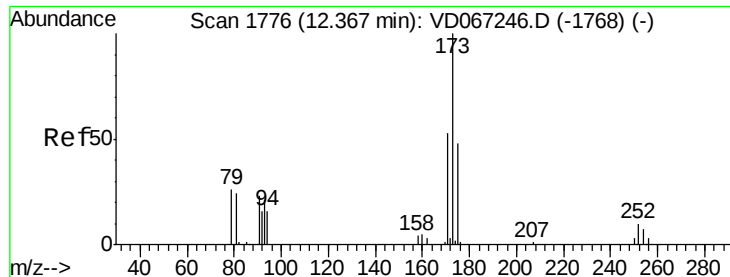
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#70
Styrene
Concen: 53.355 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	398876		
78	50.8	39.8	59.6	
103	53.9	42.6	64.0	





#71

Bromoform

Concen: 51.858 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

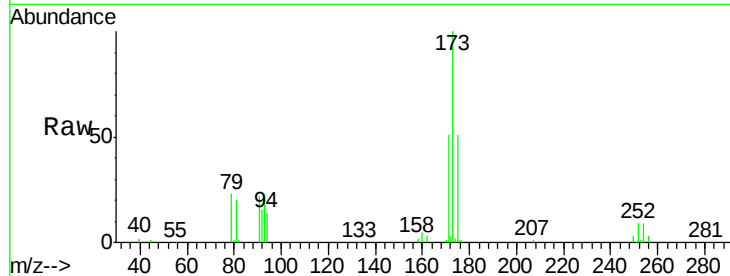
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

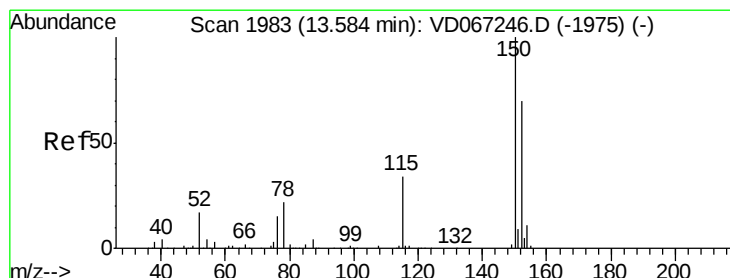
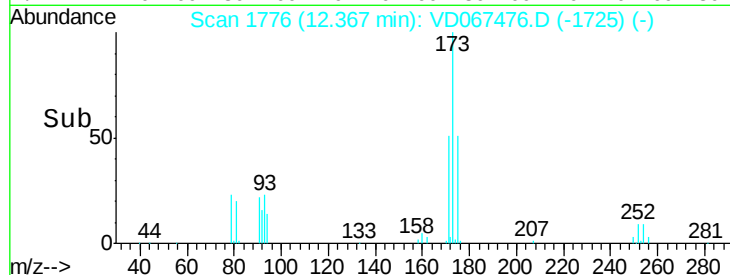
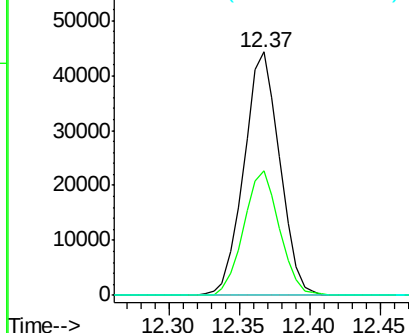
Tot Ion:	173	Resp:	78666
Ion Ratio	Lower	Upper	
173	100		
175	51.1	24.2	72.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

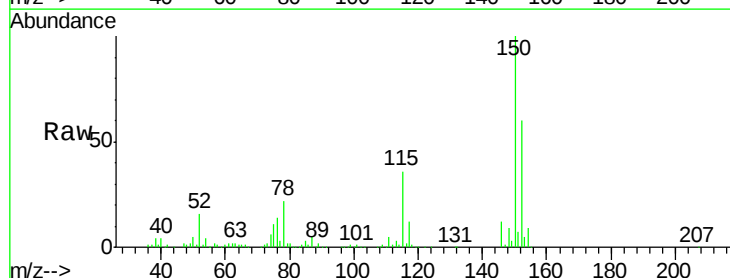
RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

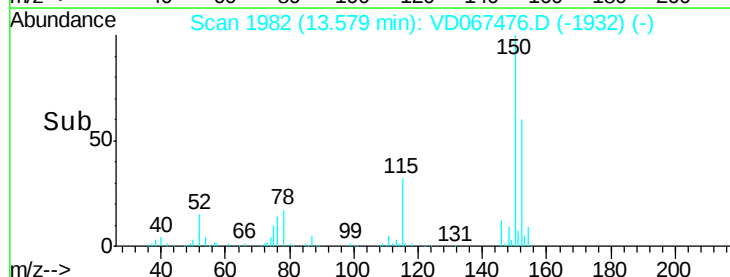
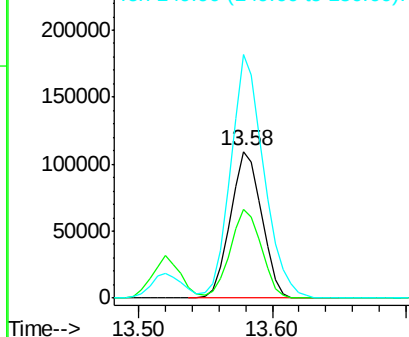
Lab File: VD067476.D

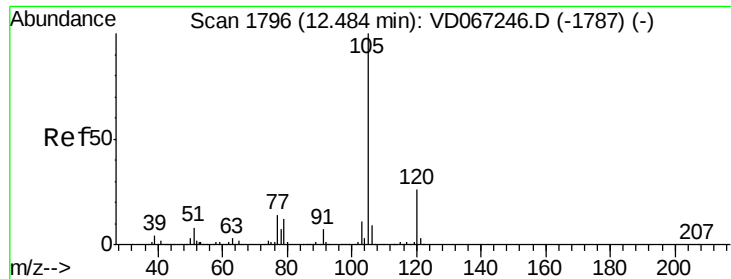
Acq: 30 Oct 2020 17:04

Tgt Ion:	152	Resp:	178272
Ion Ratio	Lower	Upper	
152	100		
115	60.3	29.3	87.9
150	176.3	0.0	339.0



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





#73

Isopropylbenzene

Concen: 56.770 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

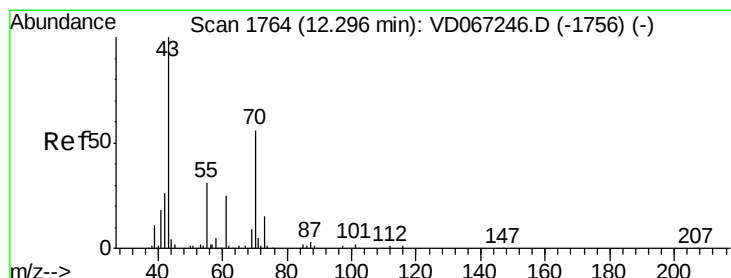
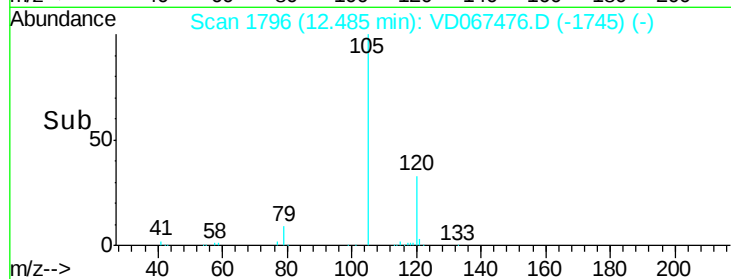
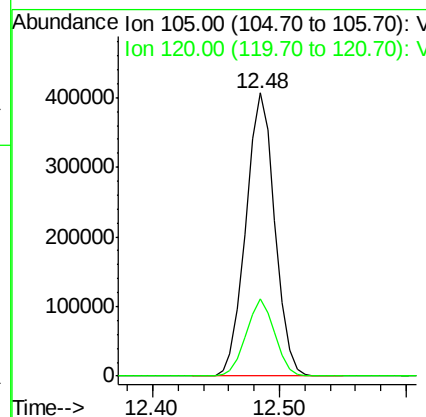
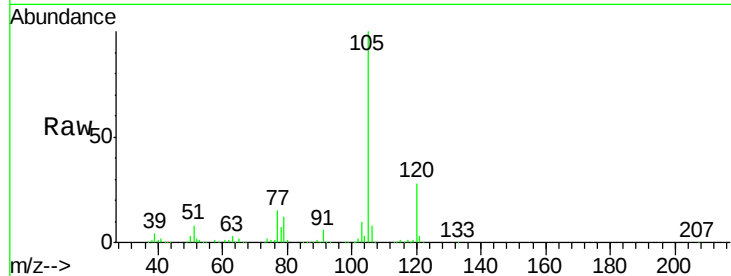
Instrument :
MSVOA_D

ClientSampleId :
B308-B309-LOC2-SO-0003MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.3	39.8

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#74

N-ethyl acetate

Concen: 45.634 ug/l

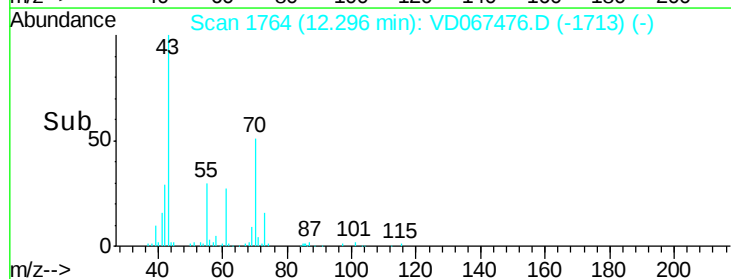
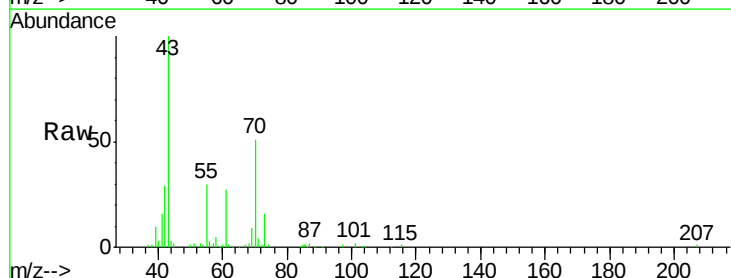
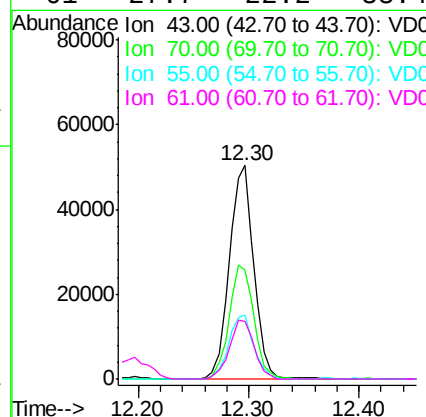
RT: 12.30 min Scan# 1764

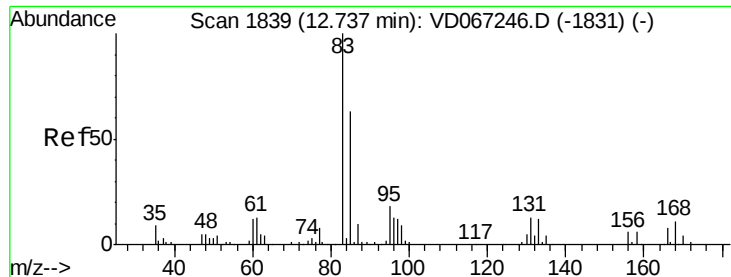
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	53.8	42.7	64.1
55	30.7	24.0	36.0
61	27.7	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.392 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

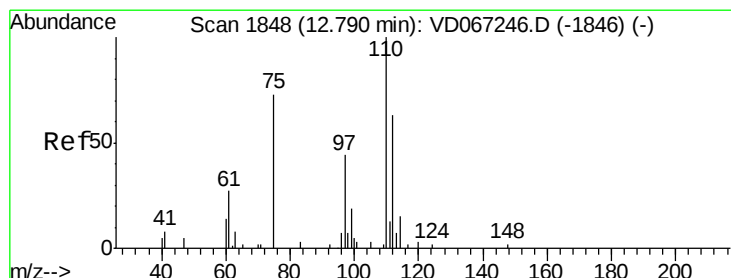
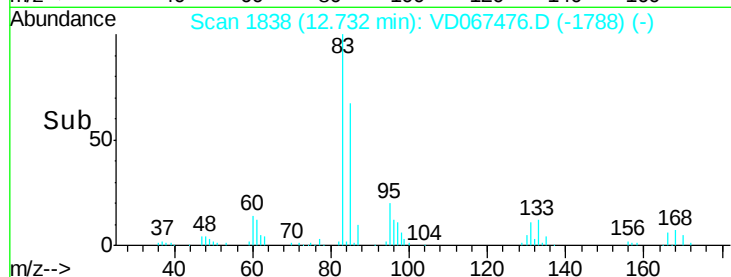
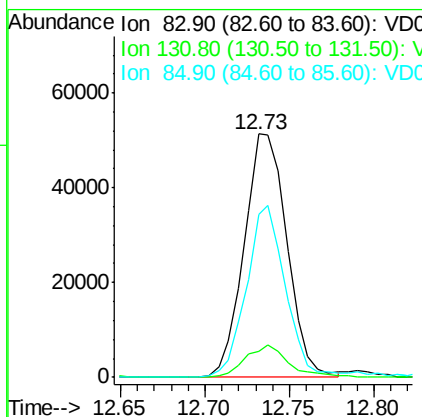
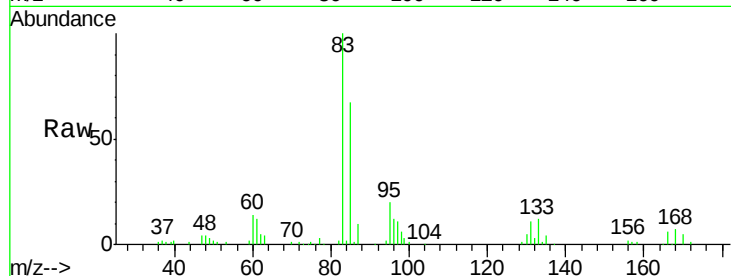
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	83	Resp:	90828
Ion Ratio	Lower	Upper	
83	100		
131	13.6	6.5	19.5
85	64.1	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 43.768 ug/l m

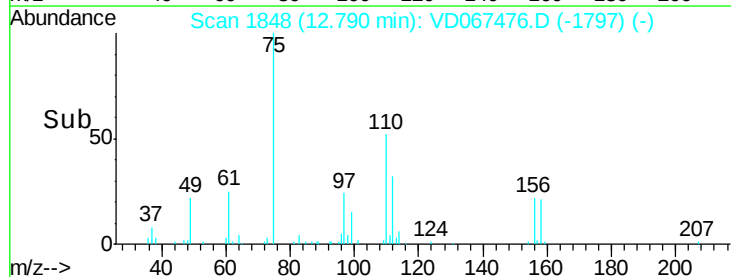
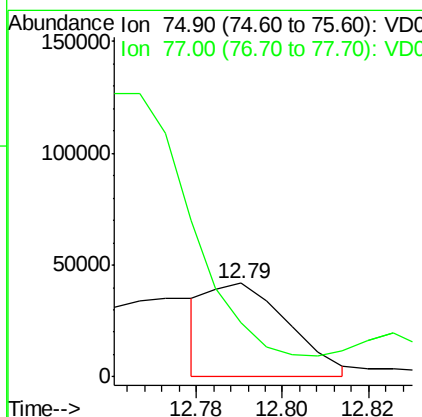
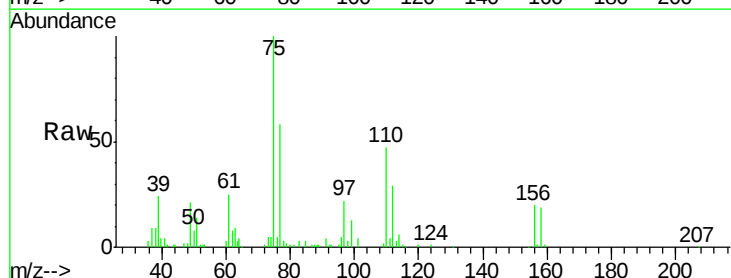
RT: 12.79 min Scan# 1848

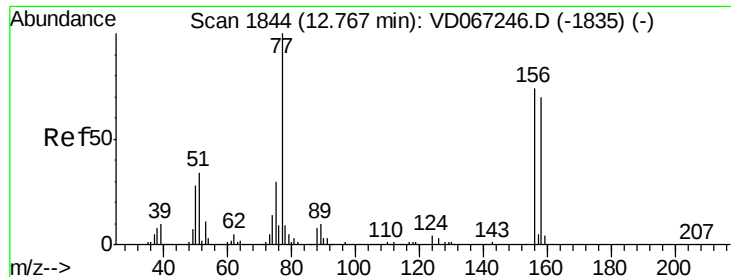
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	75	Resp:	54080
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.655 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

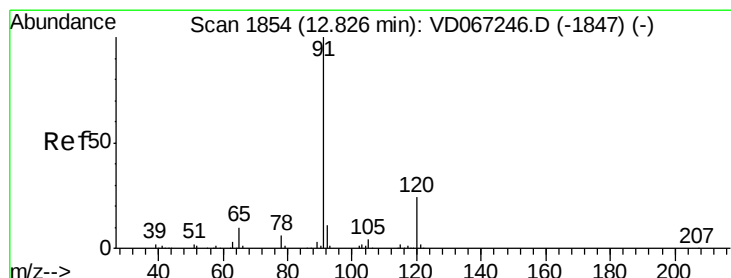
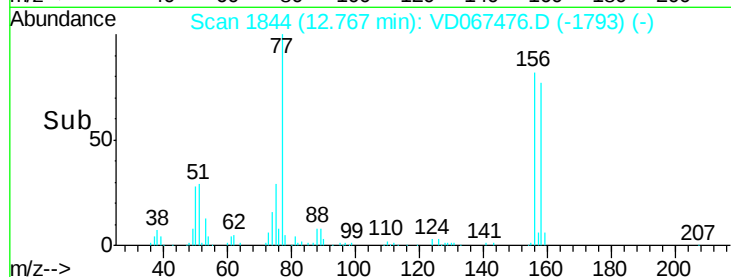
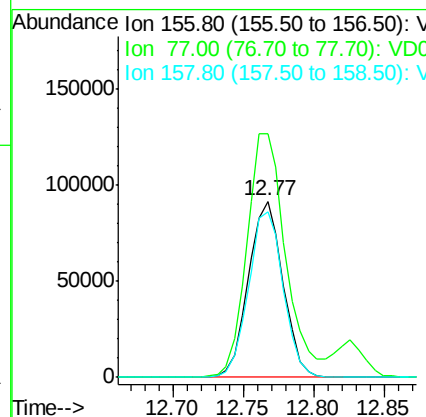
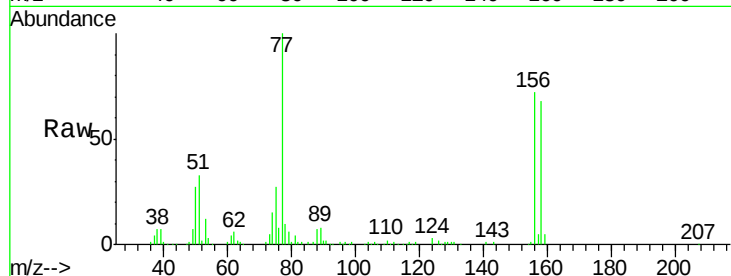
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		156990		
77	156.4		78.0	233.8	
158	94.6		49.1	147.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 54.444 ug/l

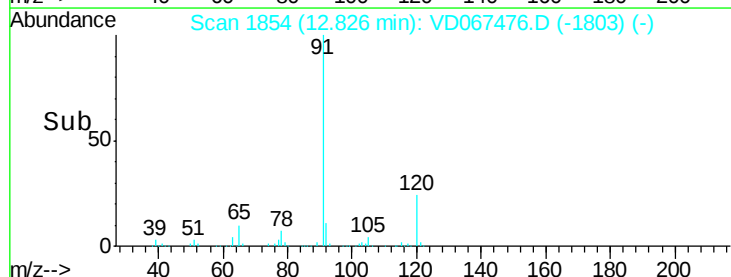
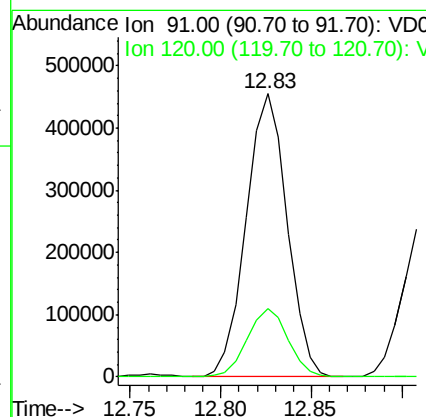
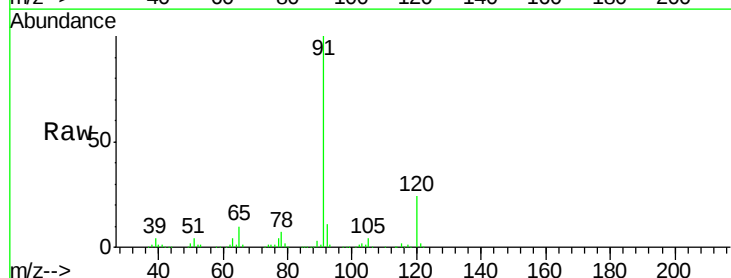
RT: 12.83 min Scan# 1854

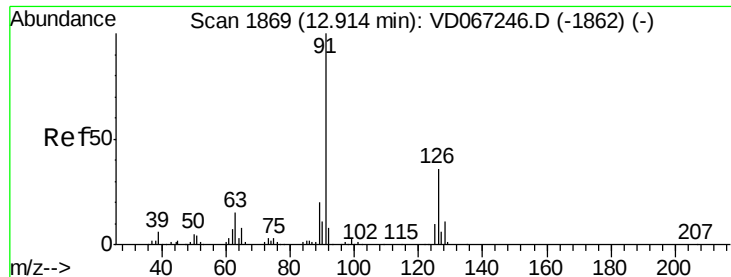
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		713705		
120	23.9		11.9	35.9	





#79

2-Chlorotoluene

Concen: 56.104 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion: 91 Resp: 426517

Ion Ratio Lower Upper

91 100

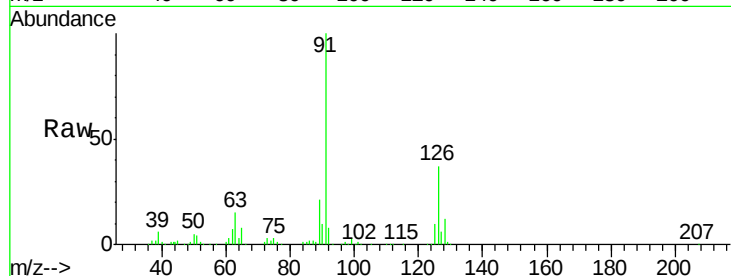
126 35.3 17.6 52.8

Manual Integrations

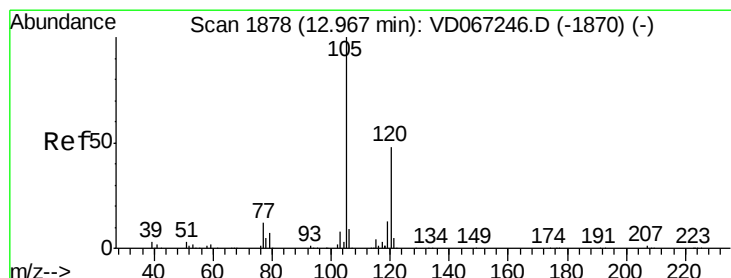
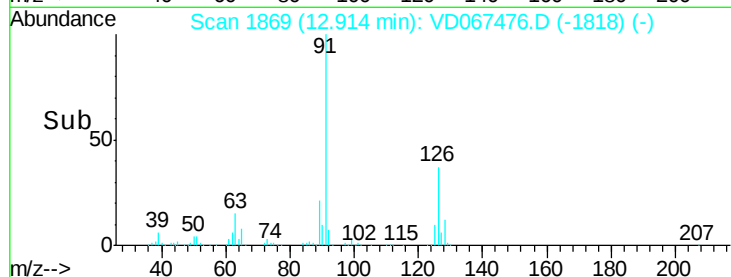
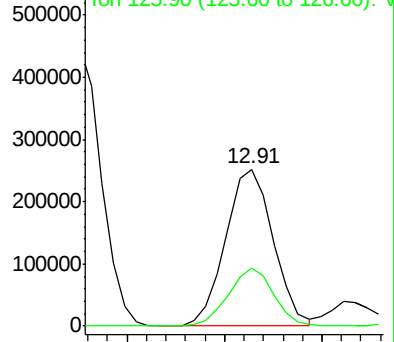
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Abundance Ion 91.00 (90.70 to 91.70): VD067476.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.162 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067476.D

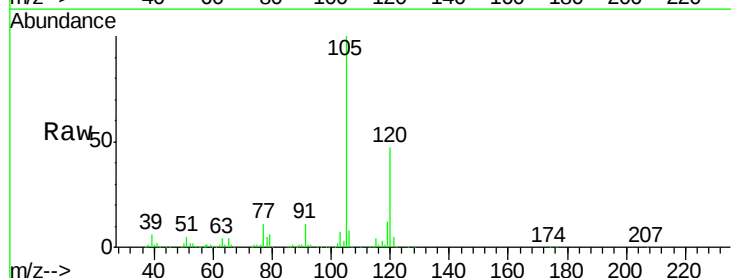
Acq: 30 Oct 2020 17:04

Tgt Ion: 105 Resp: 552193

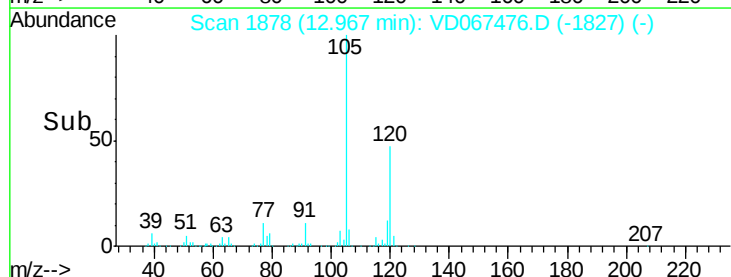
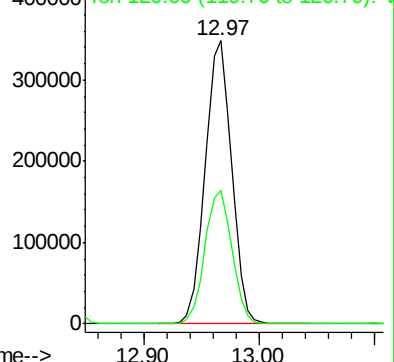
Ion Ratio Lower Upper

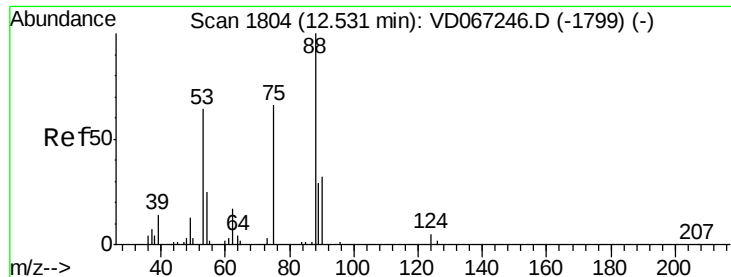
105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067476.D (-1870) (-)





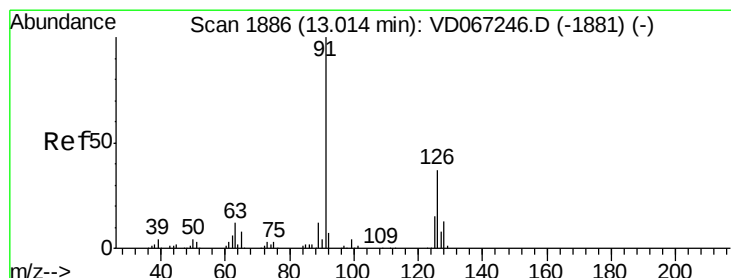
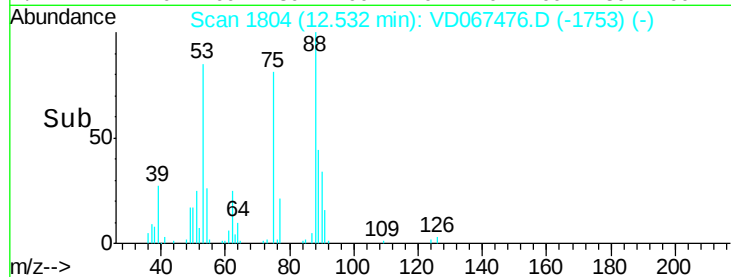
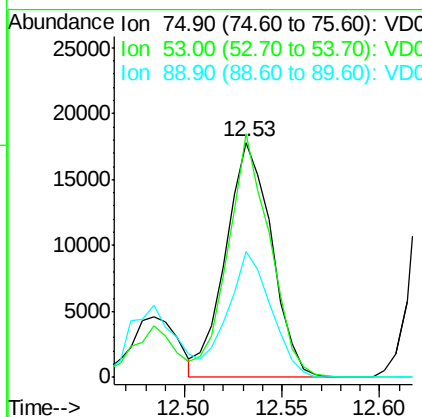
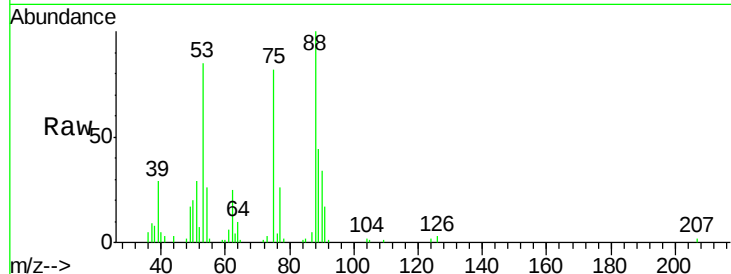
#81
trans-1,4-Dichloro-2-butene
Concen: 53.331 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	78.5	117.7
89	50.2	39.9	59.9

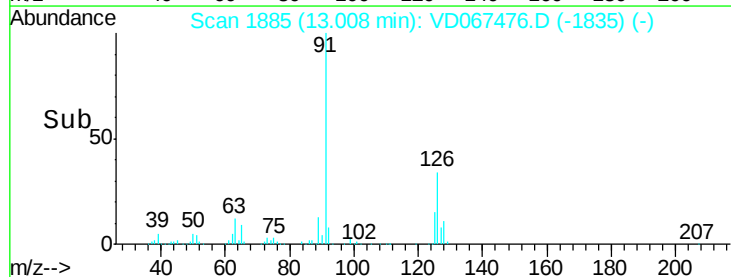
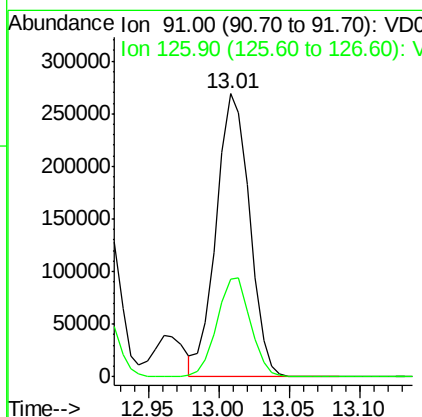
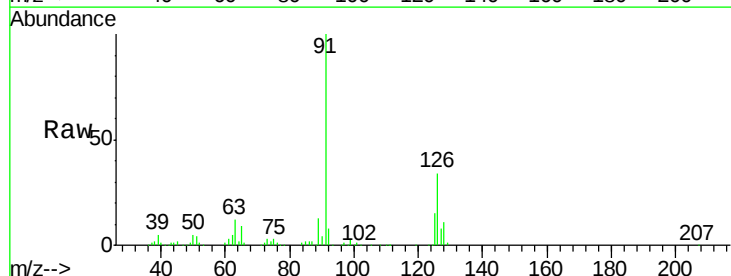
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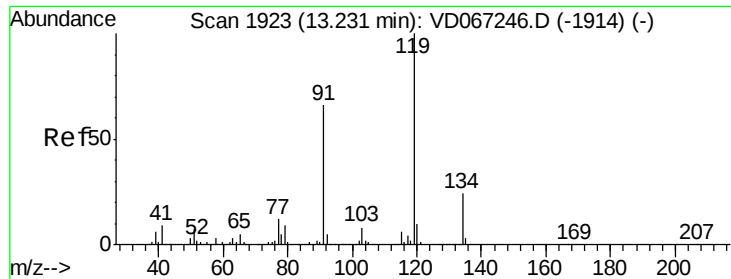
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#82
4-Chlorotoluene
Concen: 54.795 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.5





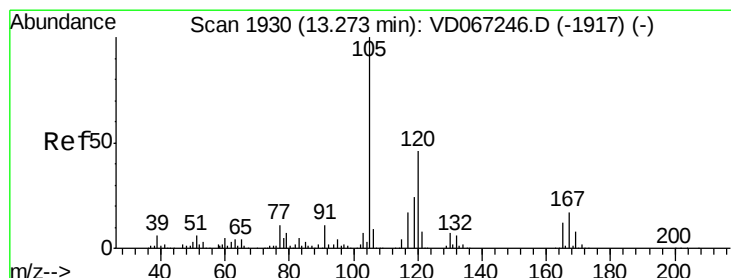
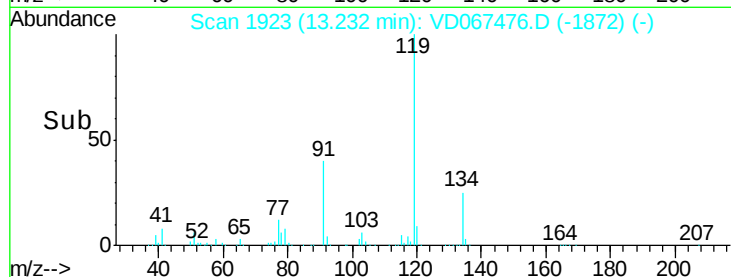
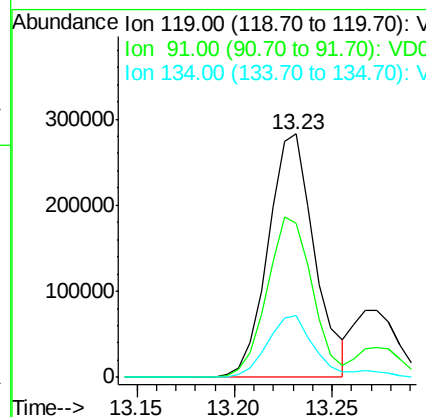
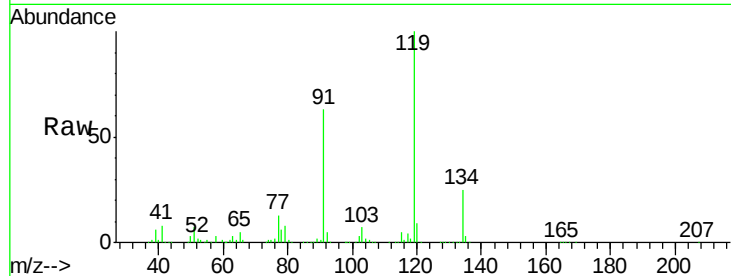
#83
tert-Butylbenzene
Concen: 56.068 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	465662		
91	64.8	33.1	99.2	
134	26.9	13.3	39.9	

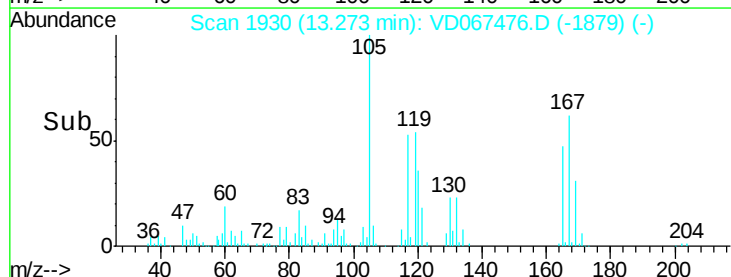
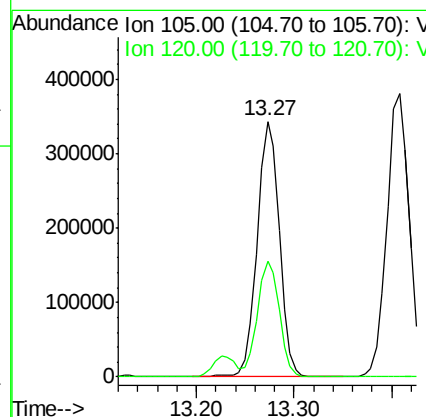
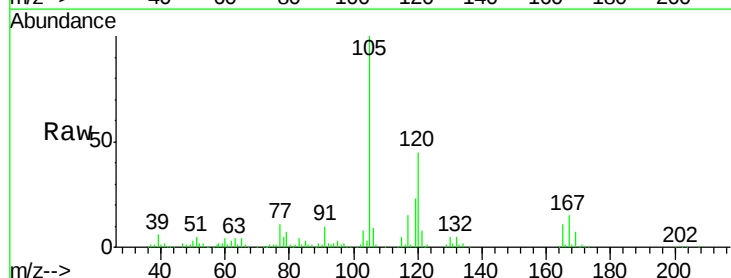
Manual Integrations
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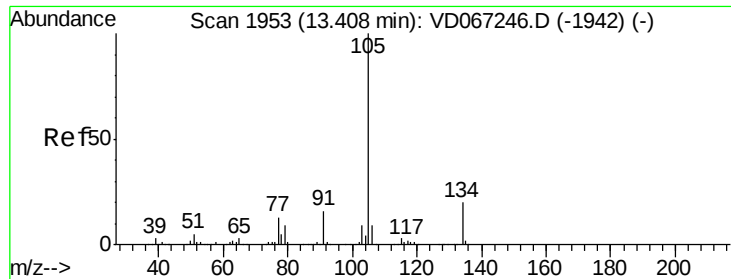
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#84
1,2,4-Trimethylbenzene
Concen: 55.981 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	544007		
120	45.2	22.4	67.3	





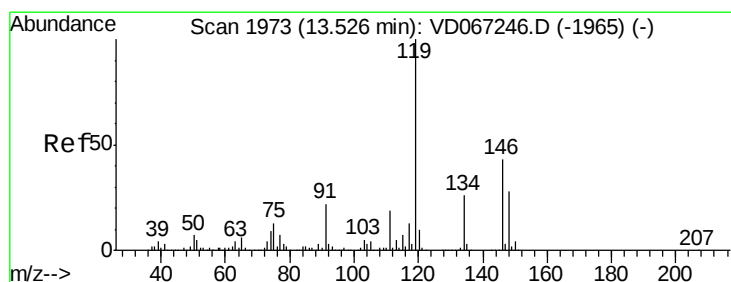
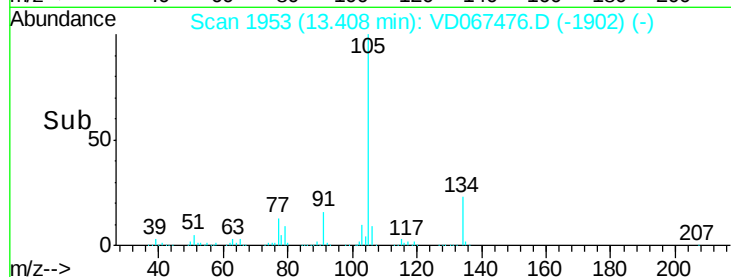
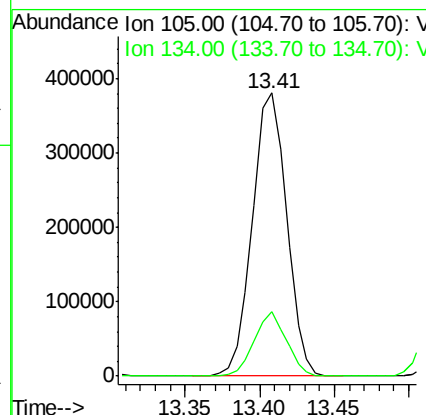
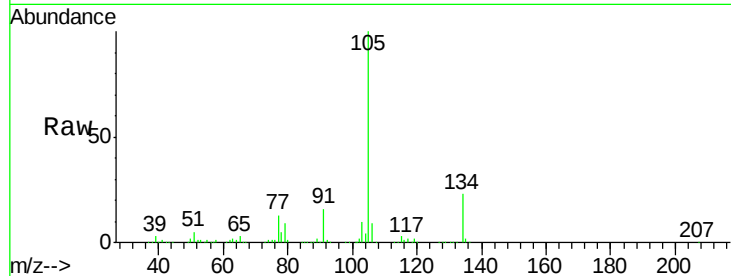
#85
 sec-Butylbenzene
 Concen: 53.060 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.5

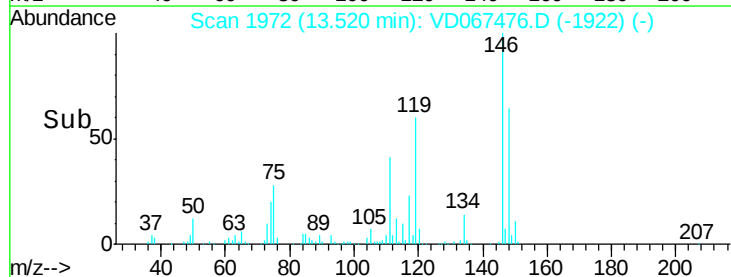
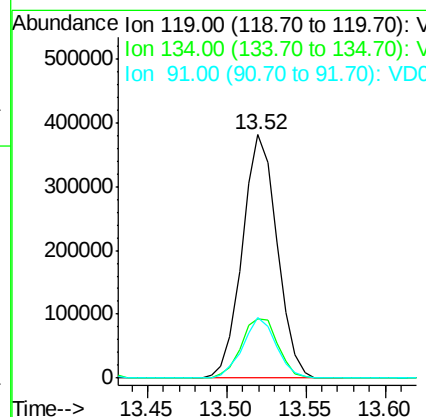
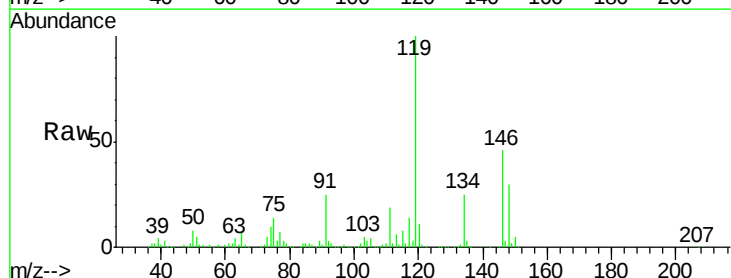
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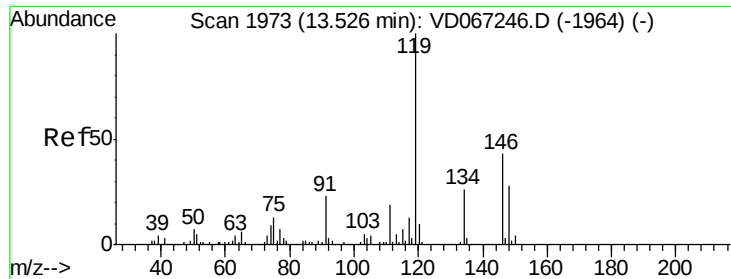
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#86
 p-Isopropyltoluene
 Concen: 53.903 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.5	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 53.337 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Instrument :

MSVOA_D

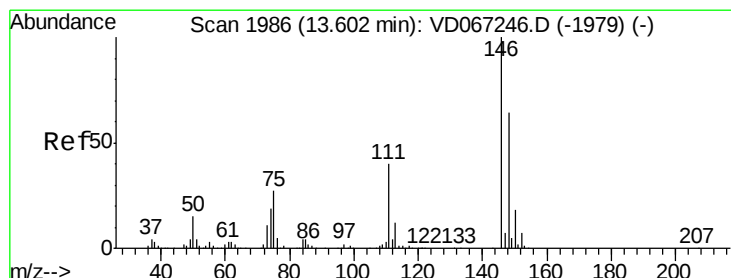
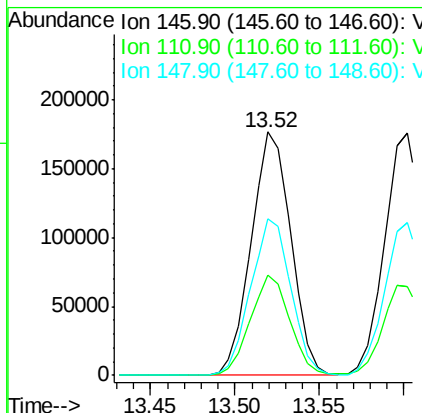
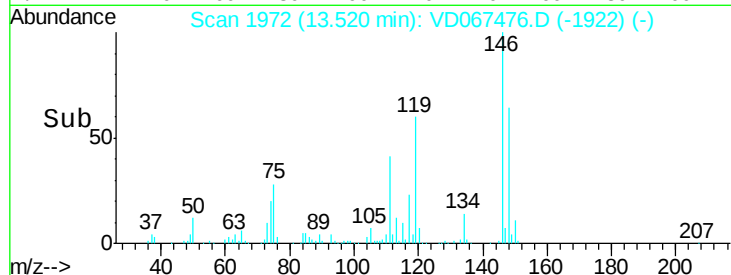
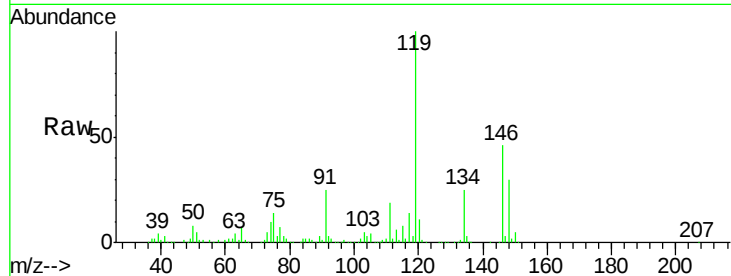
ClientSampleId :

B308-B309-LOC2-SO-0003MSD

Tot Ion:	146	Resp:	289585
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.1	63.3
148	65.0	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.249 ug/l

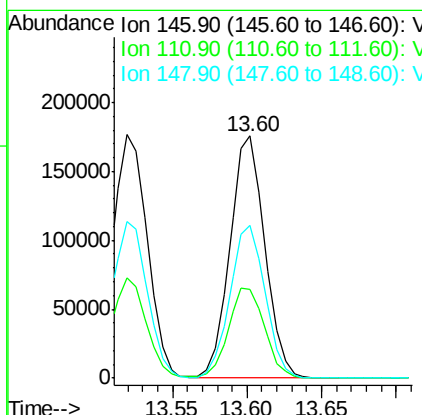
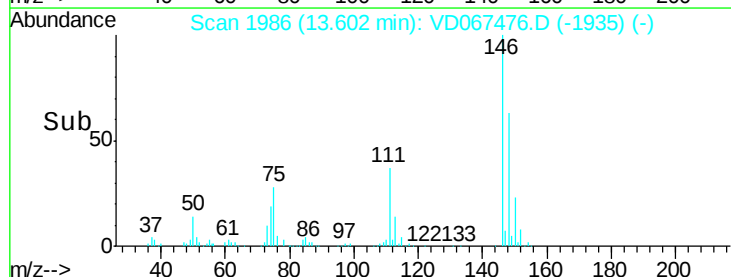
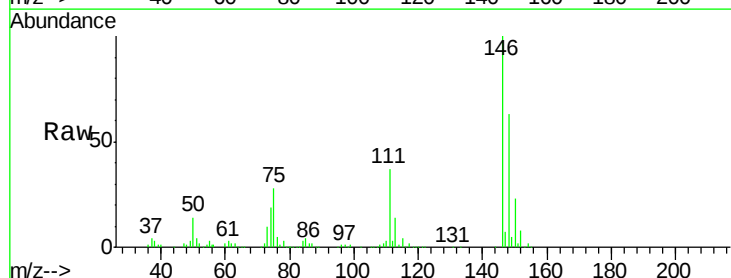
RT: 13.60 min Scan# 1986

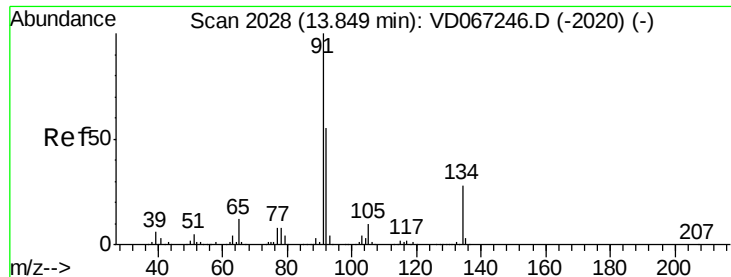
Delta R.T. 0.00 min

Lab File: VD067476.D

Acq: 30 Oct 2020 17:04

Tgt Ion:	146	Resp:	286435
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.9	59.7
148	63.8	31.9	95.9





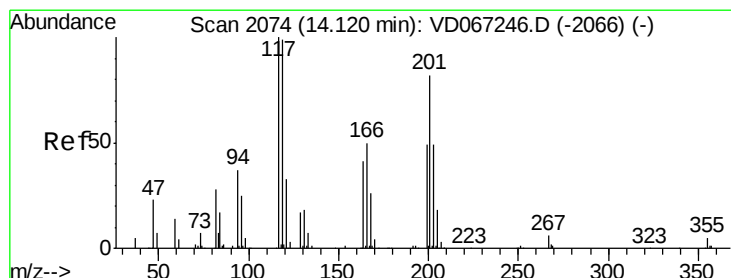
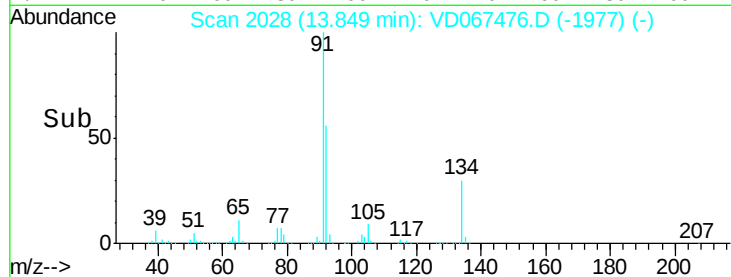
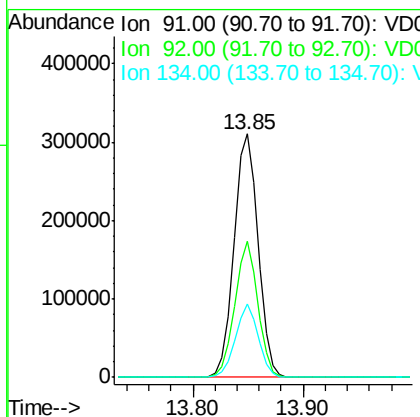
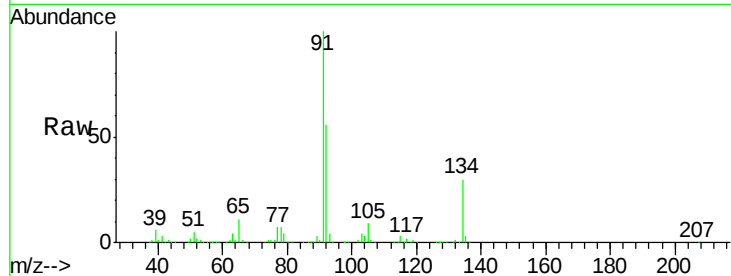
#89
n-Butylbenzene
Concen: 50.158 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	26.7	80.0	
134	28.7	14.2	42.6	

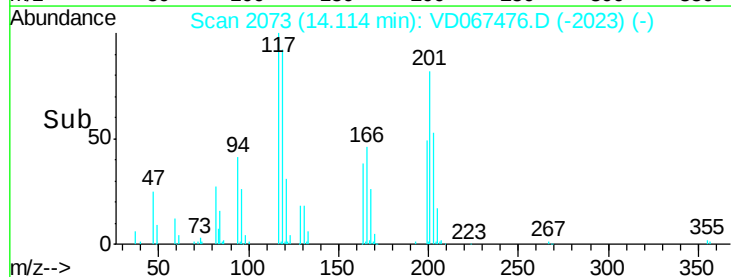
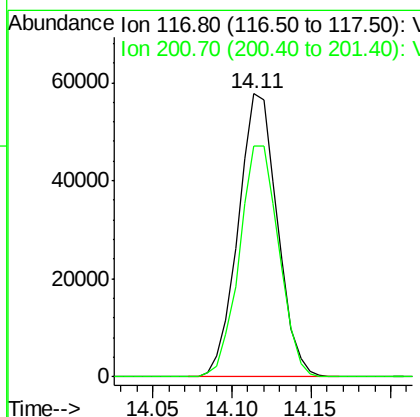
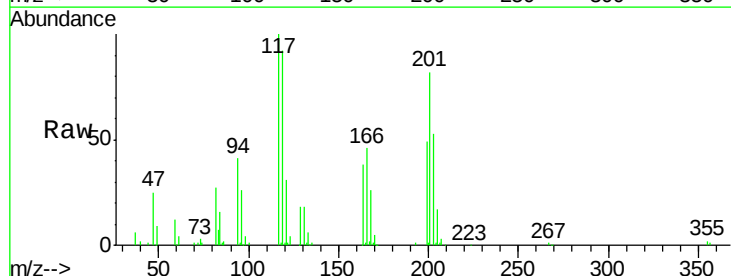
Manual Integrations
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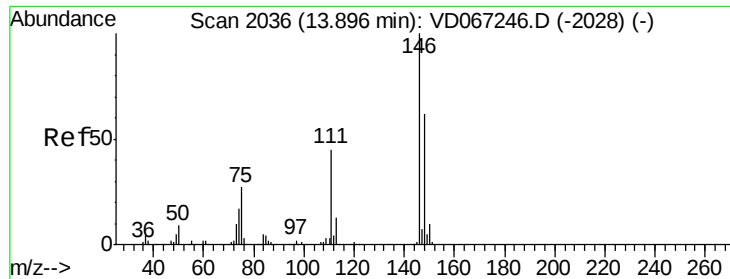
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#90
Hexachloroethane
Concen: 52.658 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.3	40.8	122.2	





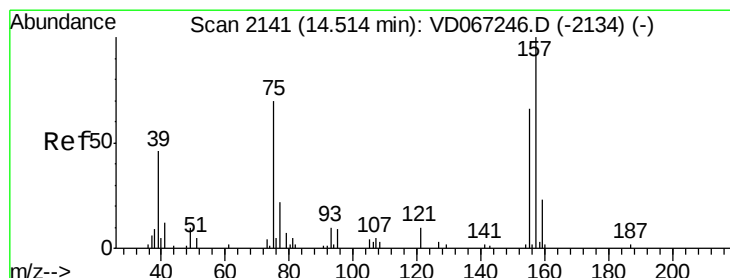
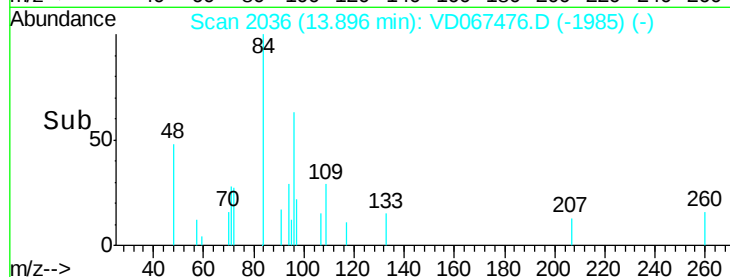
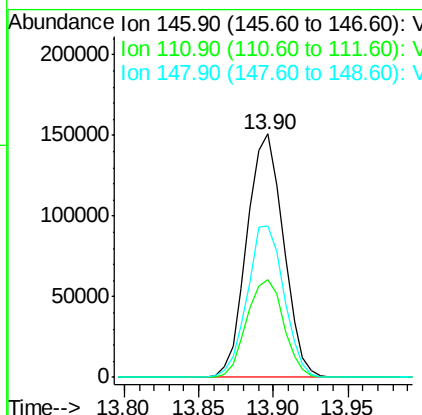
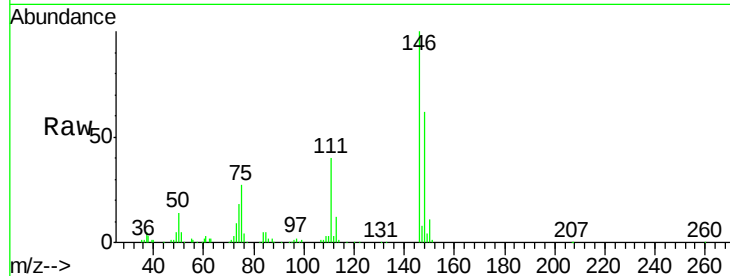
#91
 1,2-Dichlorobenzene
 Concen: 53.834 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.0	66.0
148	62.6	32.5	97.5

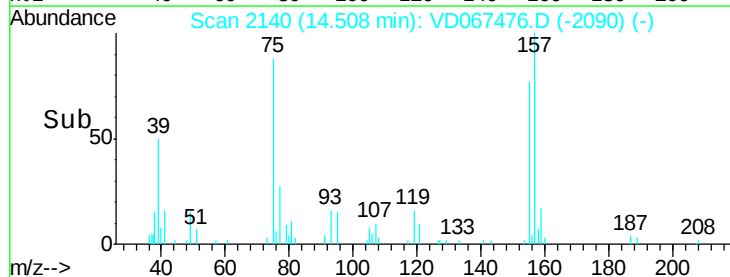
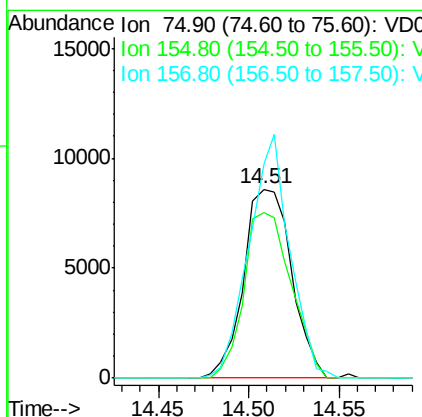
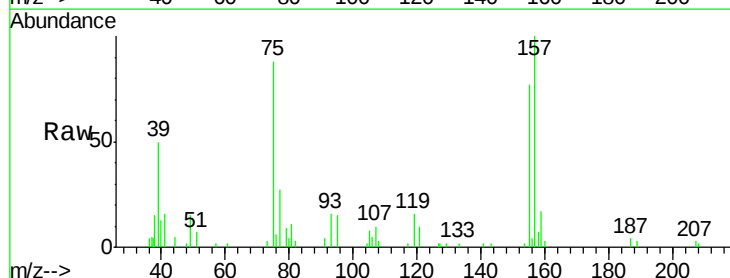
Manual Integrations
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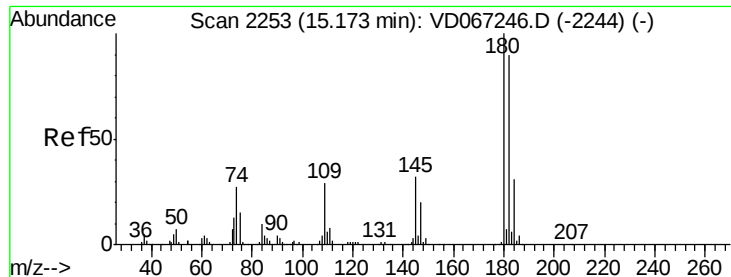
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.161 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	44.8	134.4
157	109.8	62.5	187.4





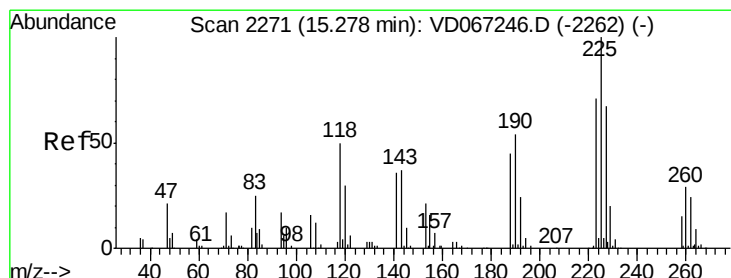
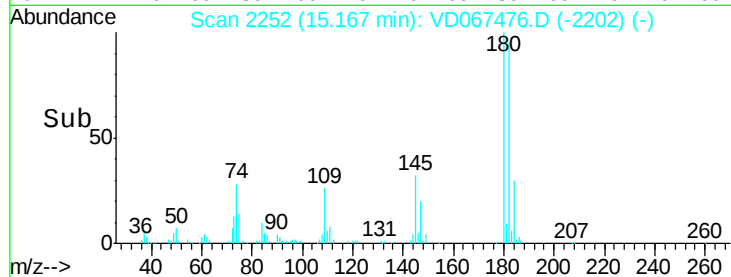
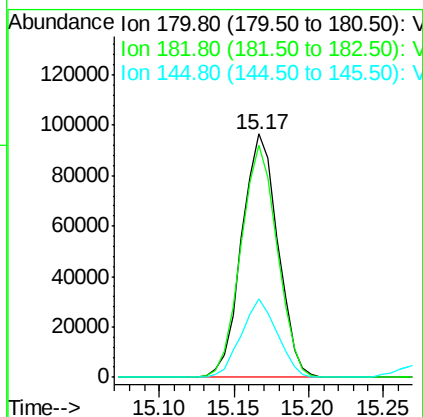
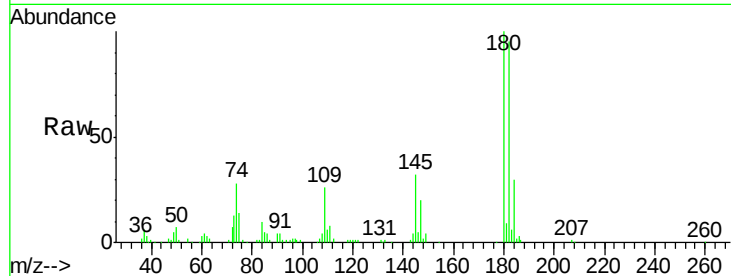
#93
 1,2,4-Trichlorobenzene
 Concen: 50.589 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161778		
182	95.9	48.1	144.4	
145	32.2	16.3	48.9	

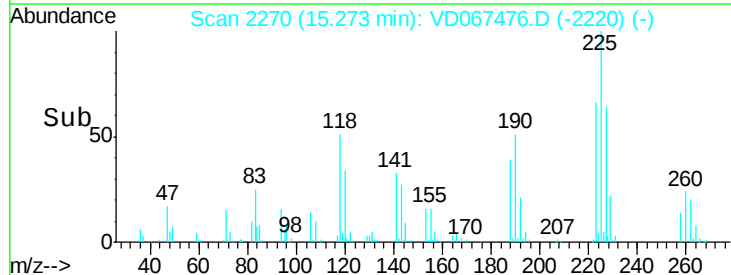
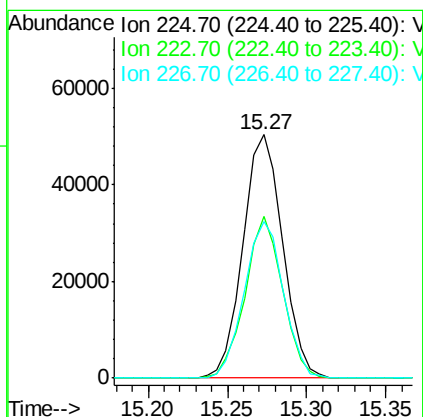
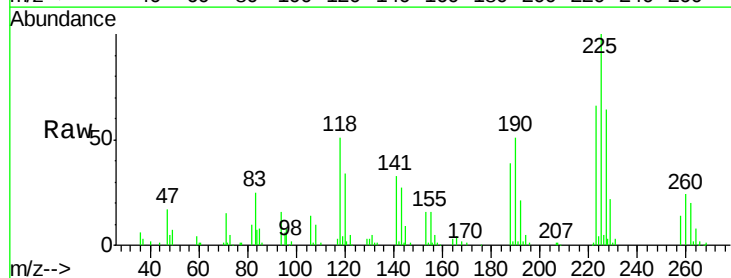
Manual Integrations
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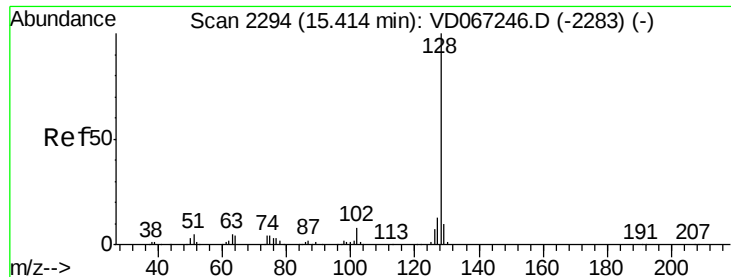
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#94
 Hexachlorobutadiene
 Concen: 44.158 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87691		
223	62.5	31.9	95.7	
227	63.7	31.2	93.6	





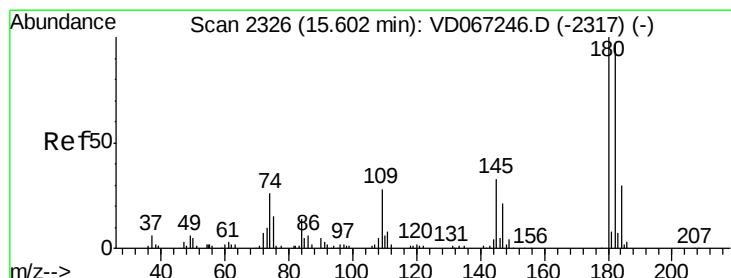
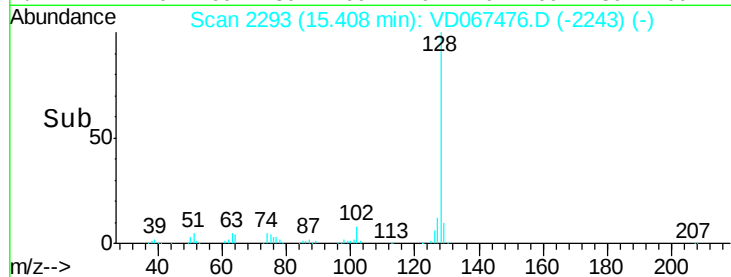
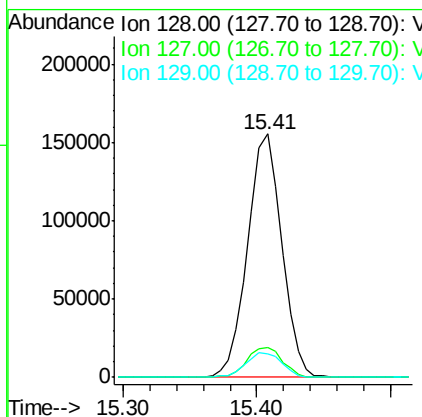
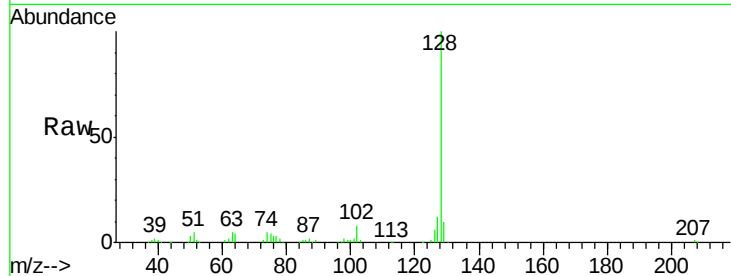
#95
Naphthalene
Concen: 52.495 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	275615		
127	12.9		10.4	15.6
129	10.7		8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.845 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140467		
182	95.7		48.1	144.3
145	34.1		17.3	51.9

