

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

Quant Time: Oct 31 07:27:37 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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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	122700	99.304	ug/l #	100
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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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

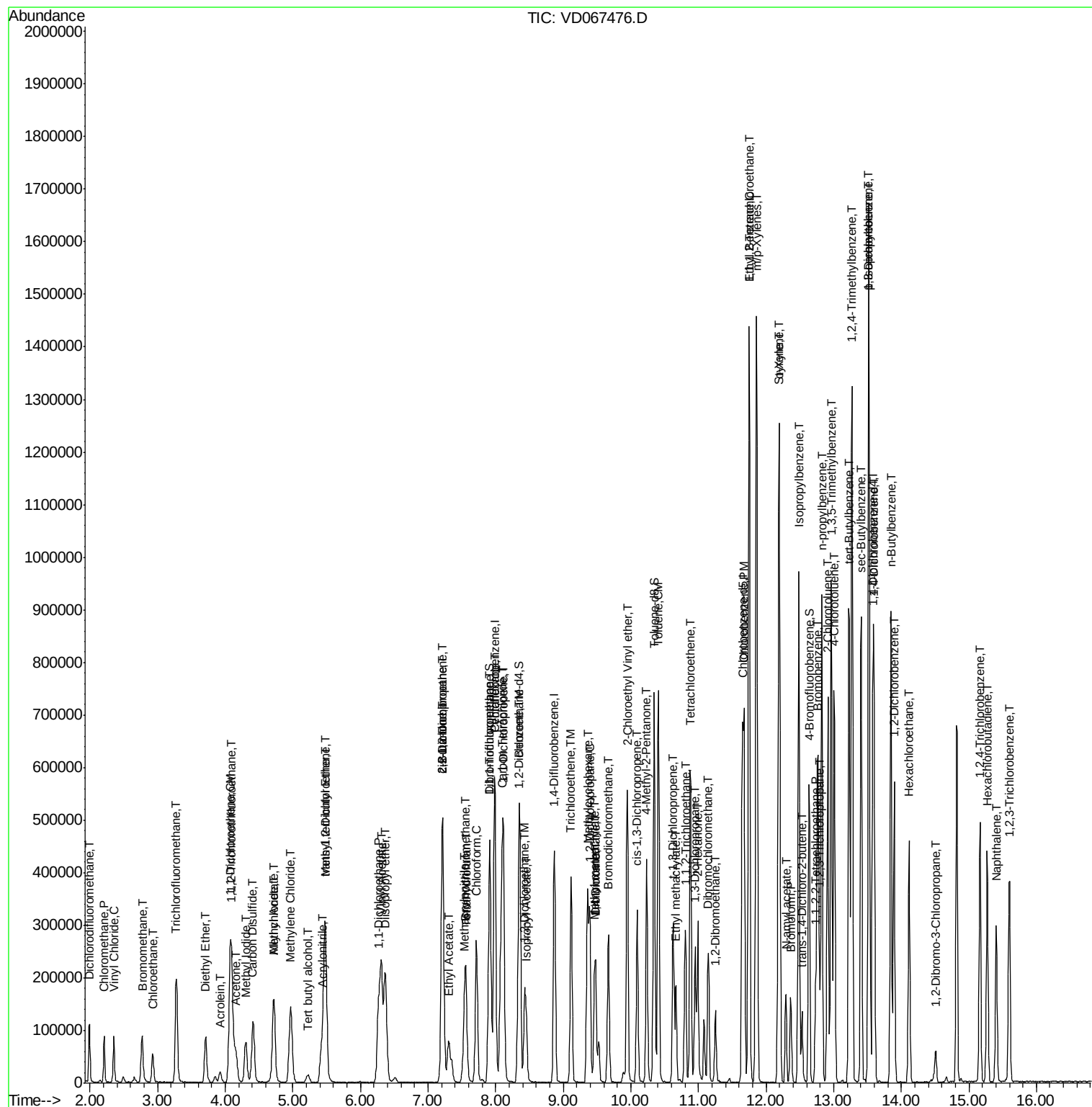
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	161778	50.589	ug/l	99
94) Hexachlorobutadiene	15.27	225	87691	44.158	ug/l	98
95) Naphthalene	15.41	128	275615	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	140467	50.845	ug/l	99

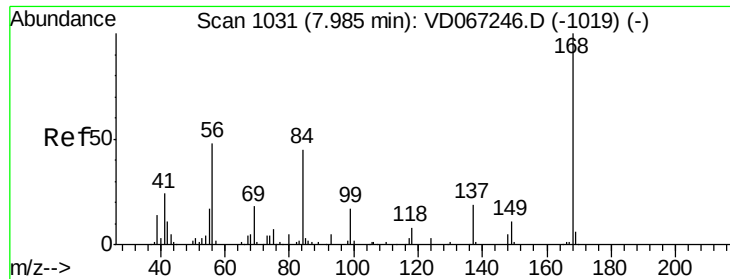
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

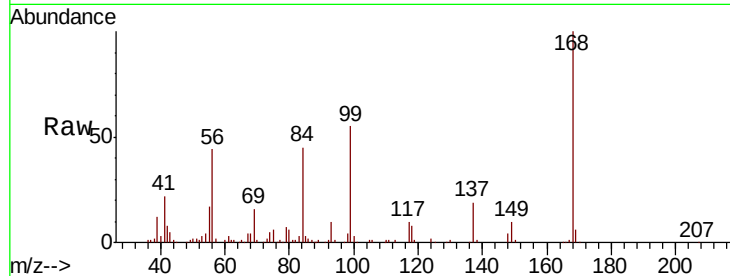
B308-B309-LOC2-SO-0003MSD

Tot Ion:168 Resp: 264502

Ion Ratio Lower Upper

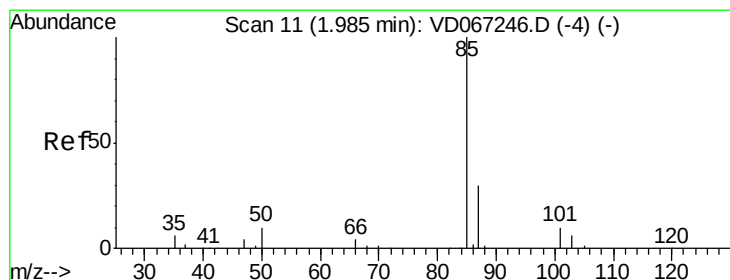
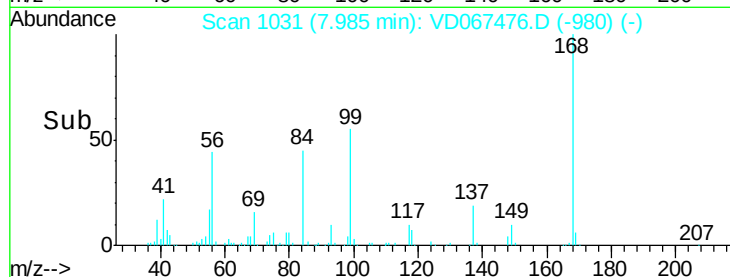
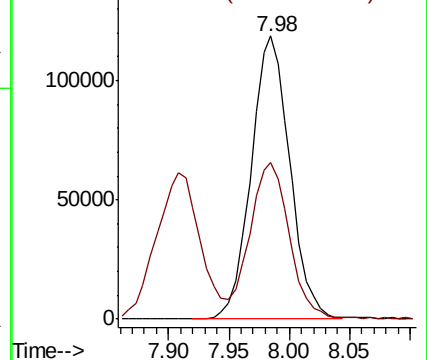
168 100

99 54.8 45.9 68.9



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

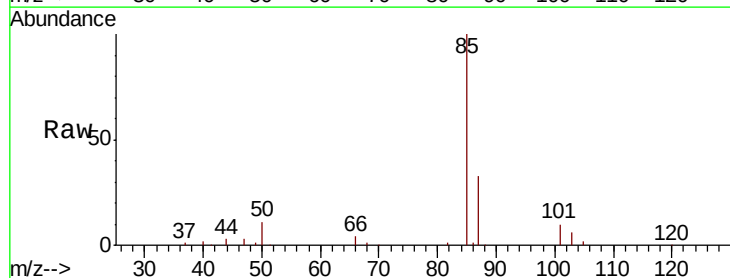
Acq: 30 Oct 2020 17:04

Tgt Ion: 85 Resp: 85285

Ion Ratio Lower Upper

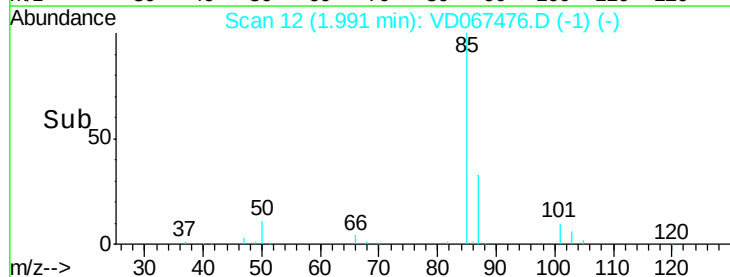
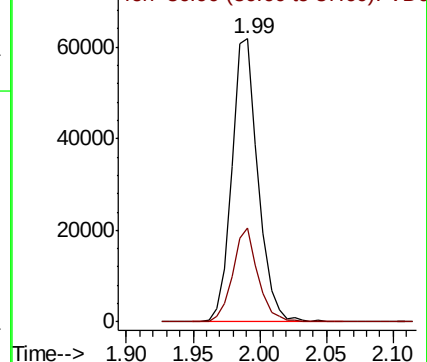
85 100

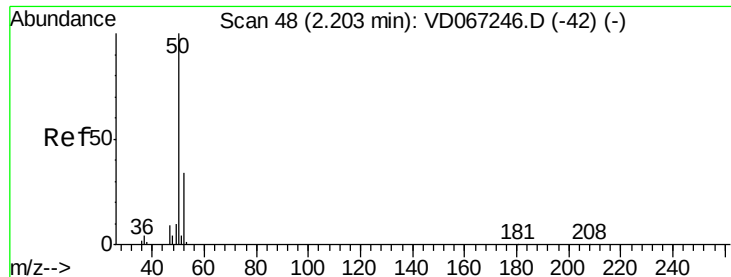
87 33.2 15.2 45.6



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 :

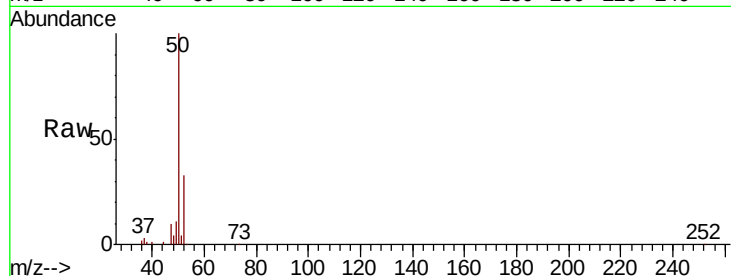
B308-B309-LOC2-SO-0003MSD

Tot Ion: 50 Resp: 66538

Ion Ratio Lower Upper

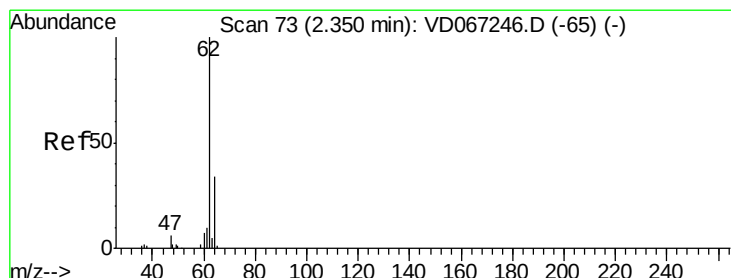
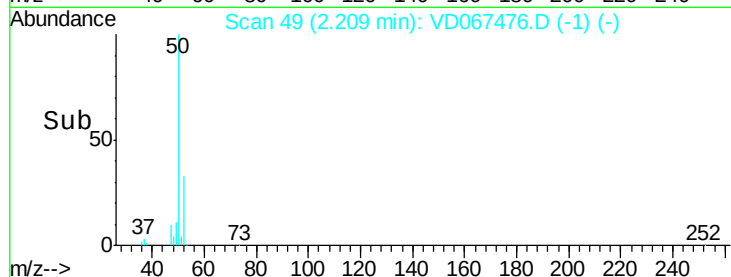
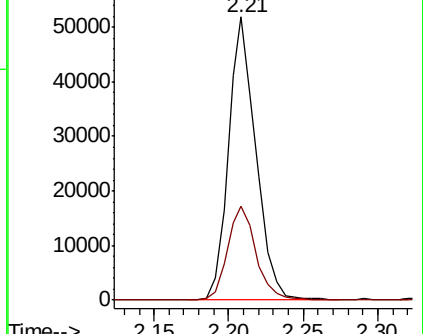
50 100

52 33.2 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.868 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067476.D

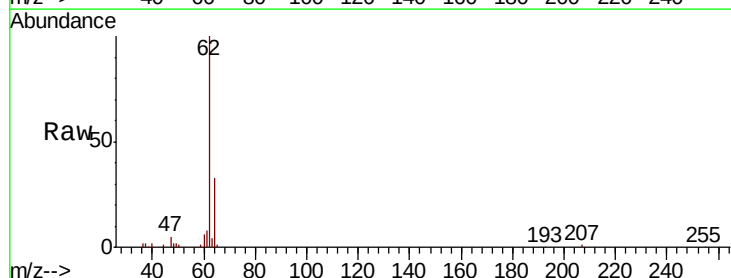
Acq: 30 Oct 2020 17:04

Tgt Ion: 62 Resp: 76471

Ion Ratio Lower Upper

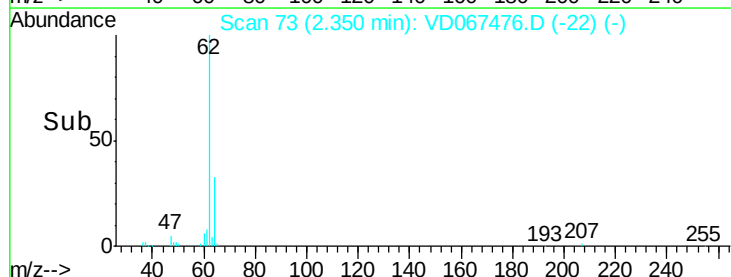
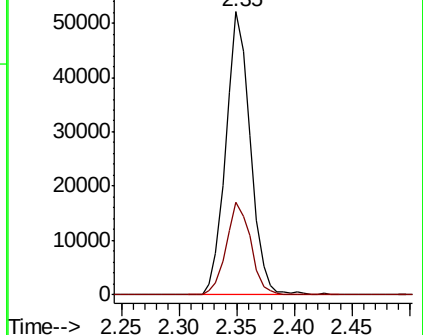
62 100

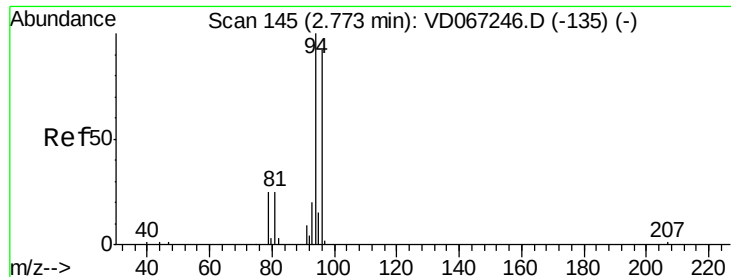
64 32.6 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#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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ClientSampleId :

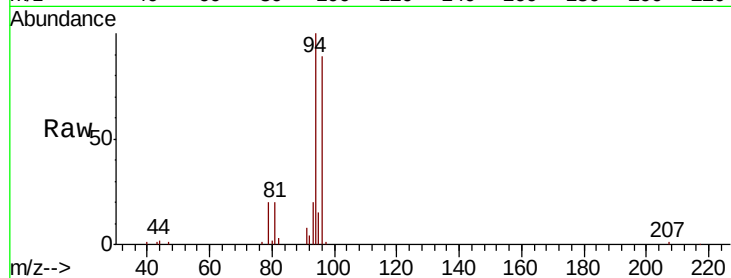
B308-B309-LOC2-SO-0003MSD

Tot Ion: 94 Resp: 65858

Ion Ratio Lower Upper

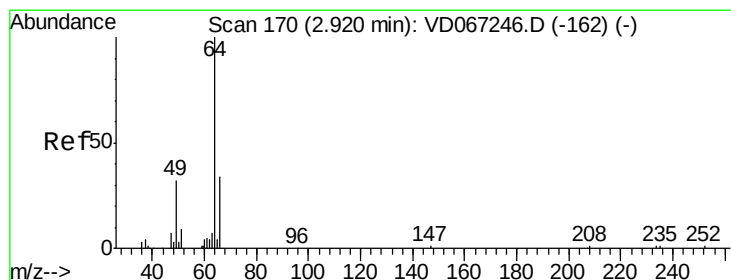
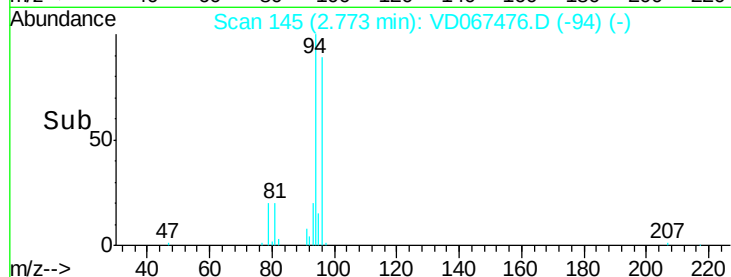
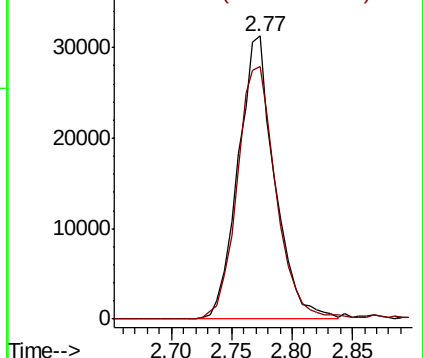
94 100

96 89.4 73.8 110.6



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

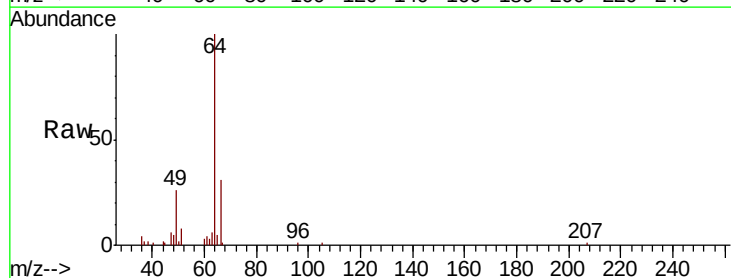
Acq: 30 Oct 2020 17:04

Tgt Ion: 64 Resp: 51718

Ion Ratio Lower Upper

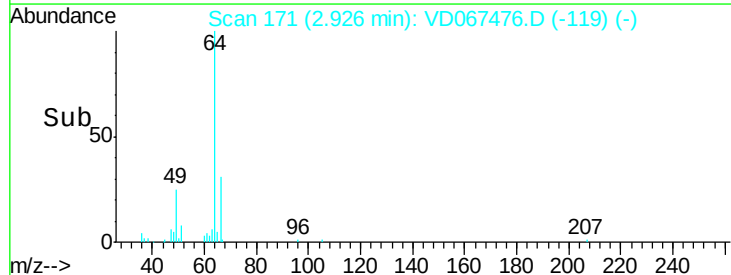
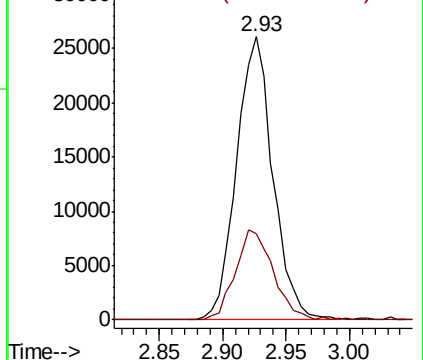
64 100

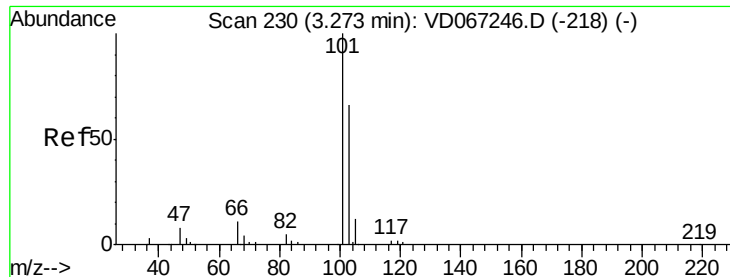
66 30.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



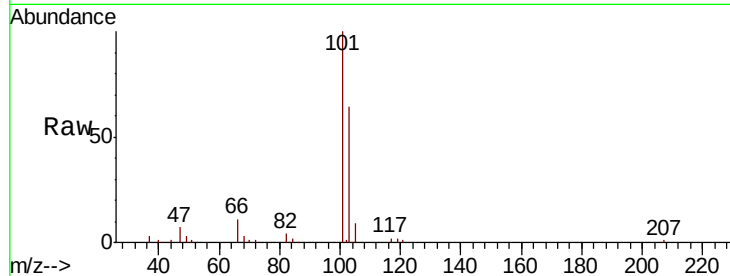


#7

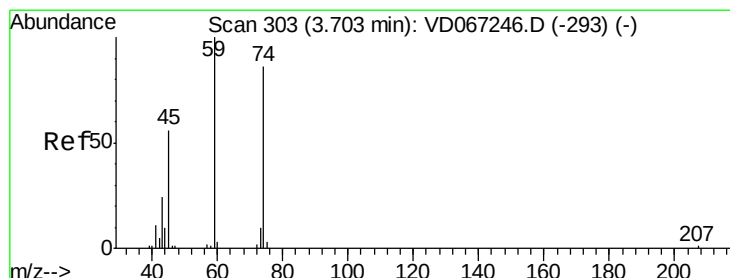
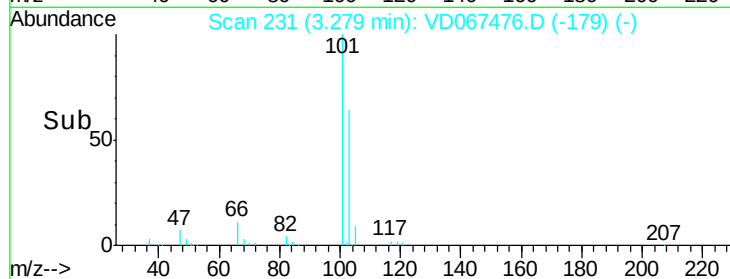
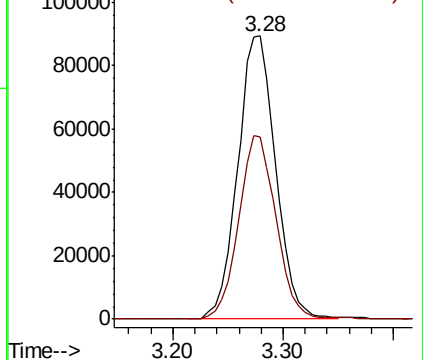
Trichlorofluoromethane
 Concen: 46.803 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067476.D
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Tot Ion: 101 Resp: 215255
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.1 79.7



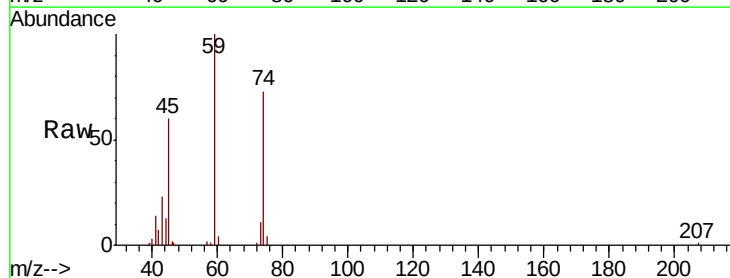
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



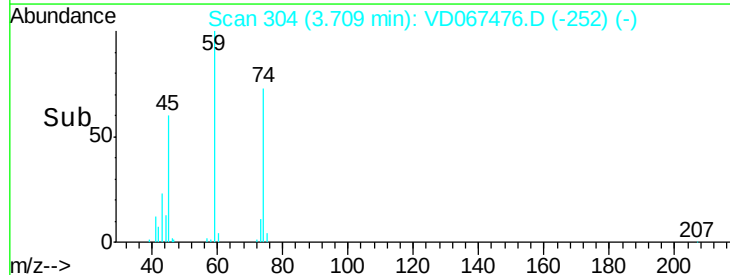
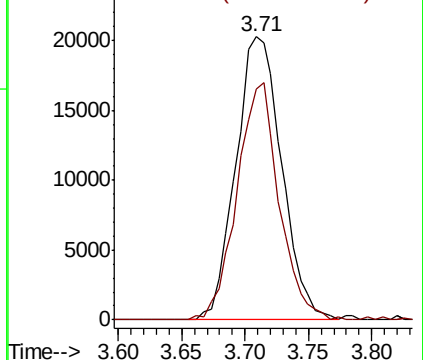
#8

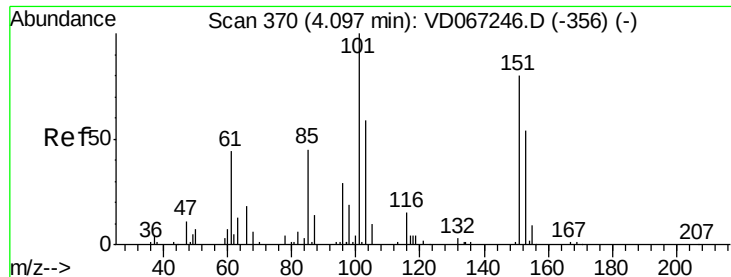
Diethyl Ether
 Concen: 48.425 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067476.D
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Tgt Ion: 74 Resp: 50963
 Ion Ratio Lower Upper
 74 100
 45 76.9 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#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

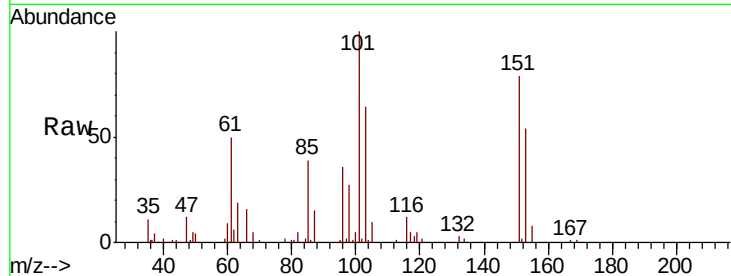
Tot Ion:101 Resp: 114439

Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.4

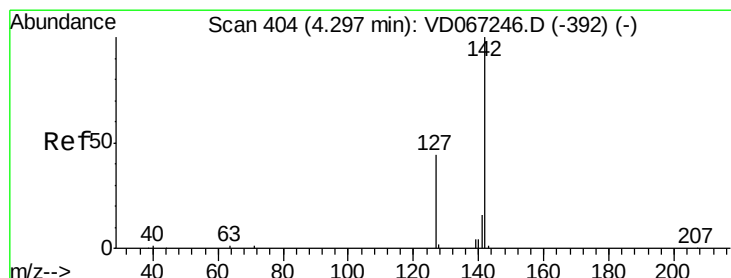
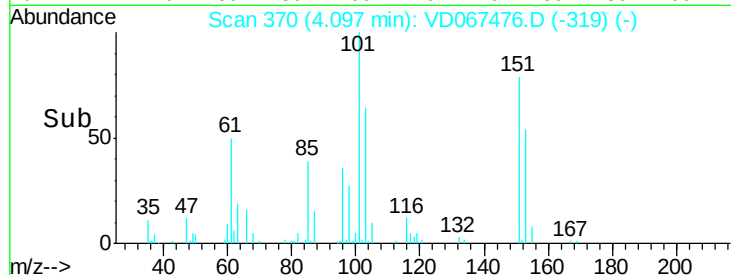
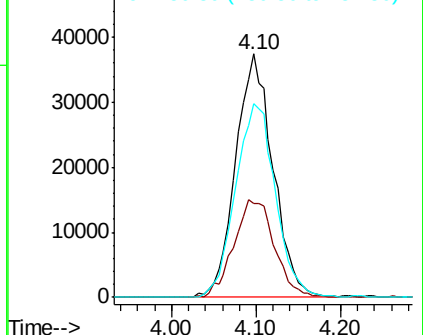
151 85.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 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

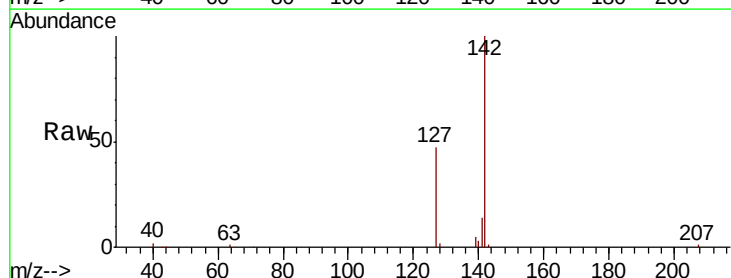
Tgt Ion:142 Resp: 130752

Ion Ratio Lower Upper

142 100

127 48.6 38.4 57.6

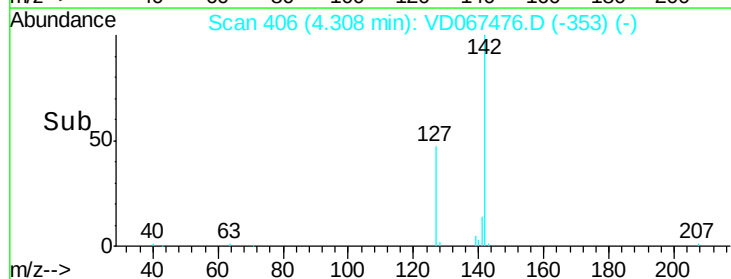
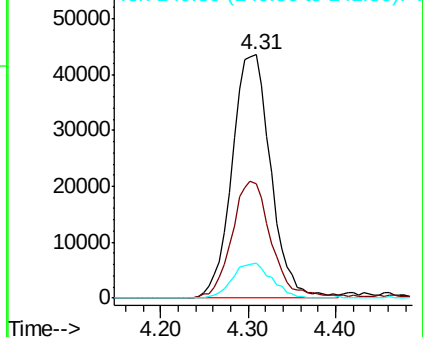
141 14.5 11.6 17.4

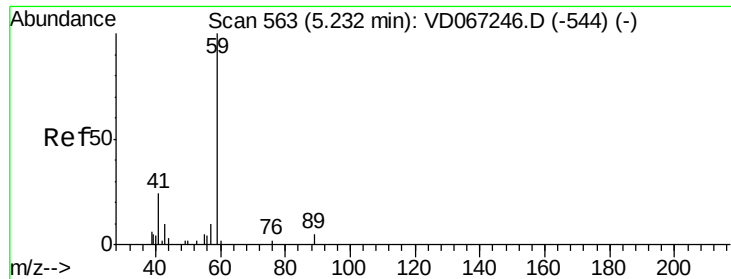


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

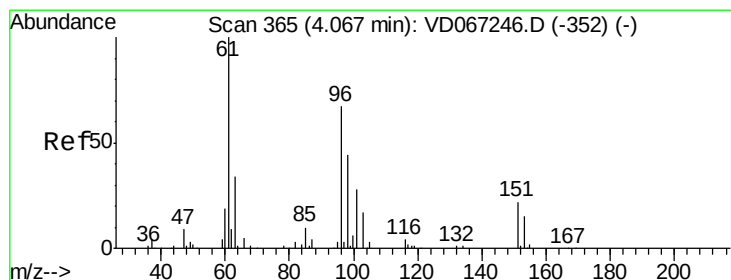
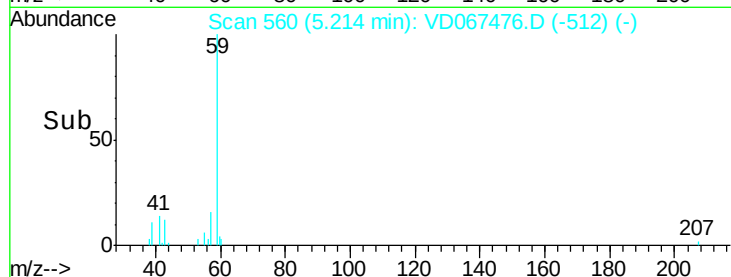
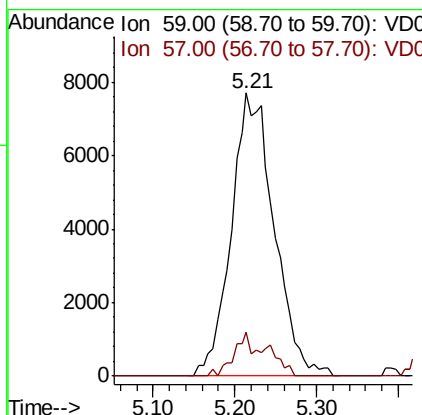
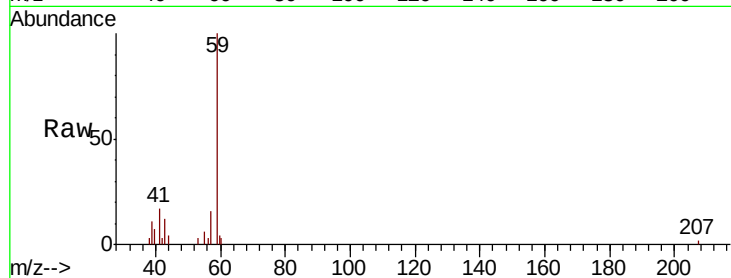




#11
Tert butyl alcohol
Concen: 193.106 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

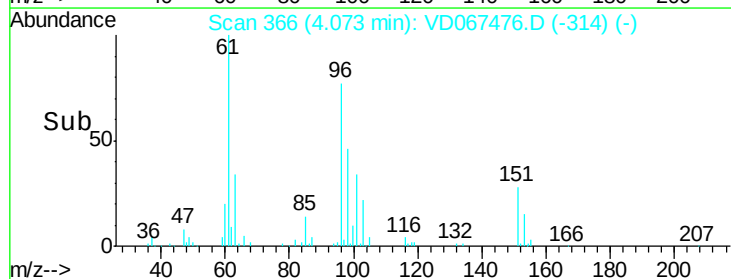
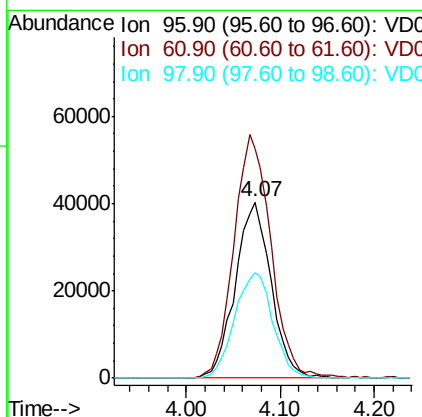
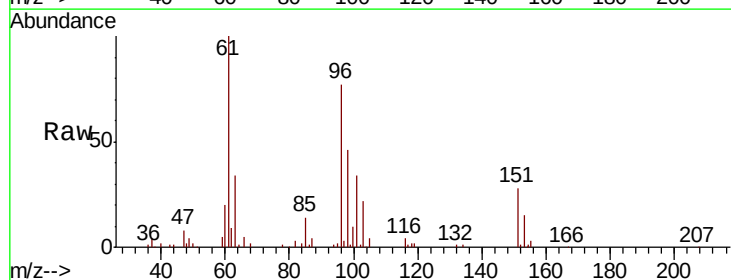
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

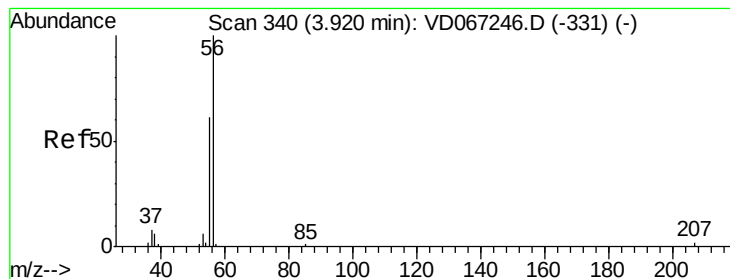
Tot Ion: 59 Resp: 28034
Ion Ratio Lower Upper
59 100
57 7.7 5.1 7.7#



#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 :

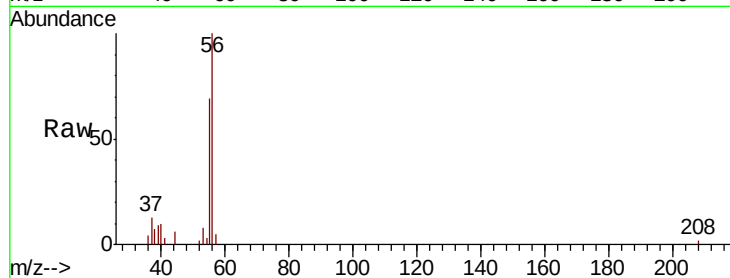
B308-B309-LOC2-SO-0003MSD

Tot Ion: 56 Resp: 24203

Ion Ratio Lower Upper

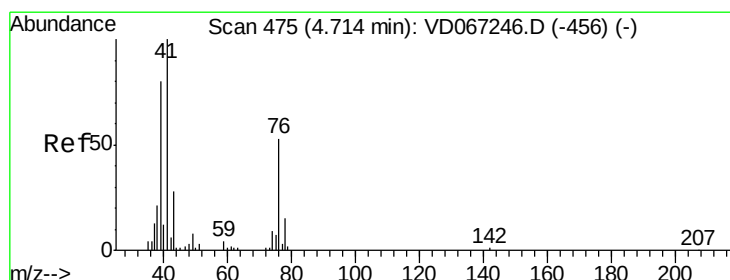
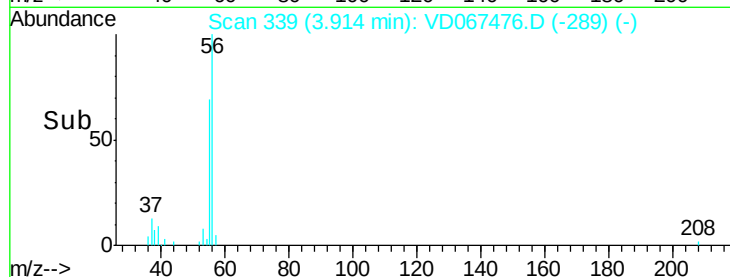
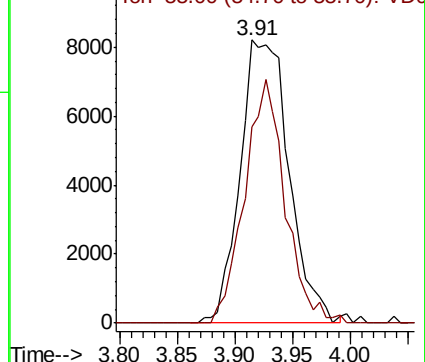
56 100

55 71.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#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

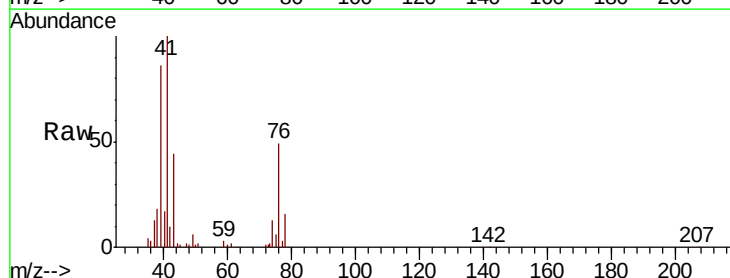
Tgt Ion: 41 Resp: 124412

Ion Ratio Lower Upper

41 100

39 82.9 63.8 95.6

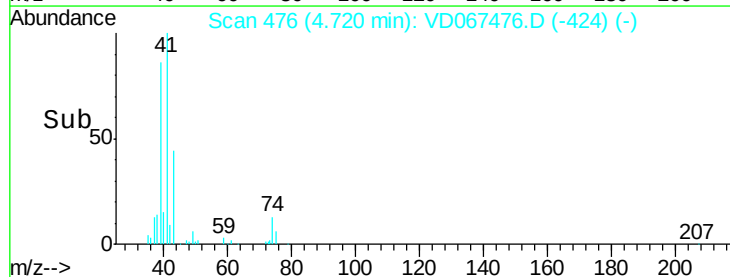
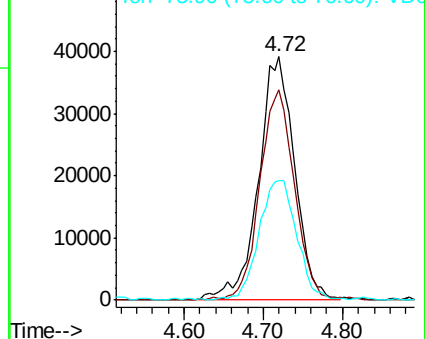
76 51.1 40.4 60.6

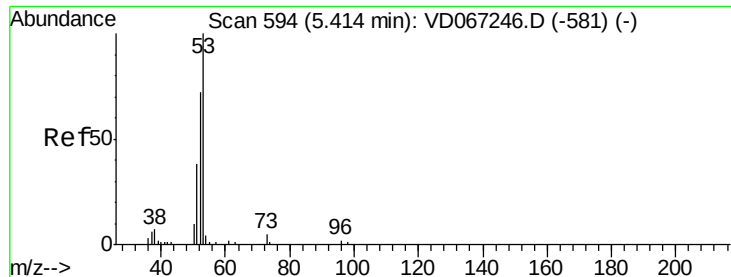


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#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

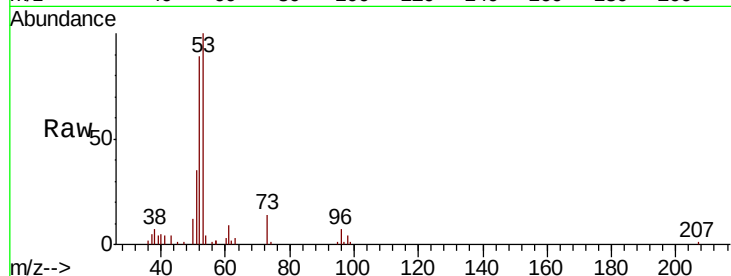
Tot Ion: 53 Resp: 90042

Ion Ratio Lower Upper

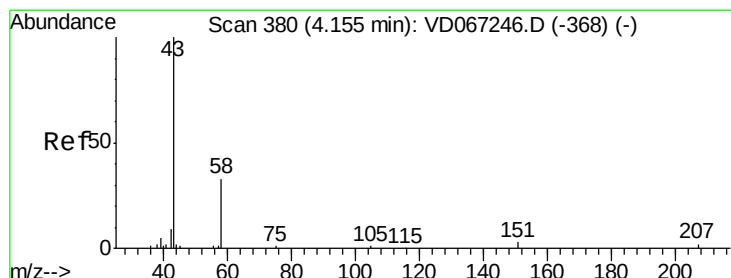
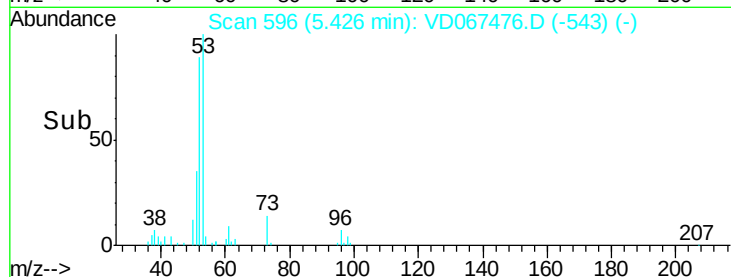
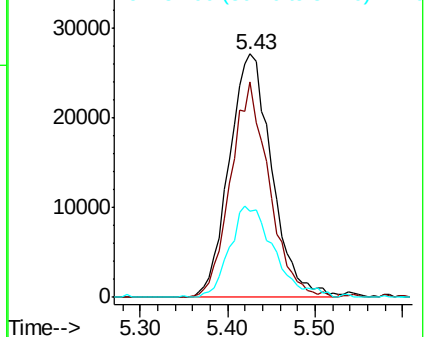
53 100

52 79.3 65.6 98.4

51 38.9 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 268.304 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067476.D

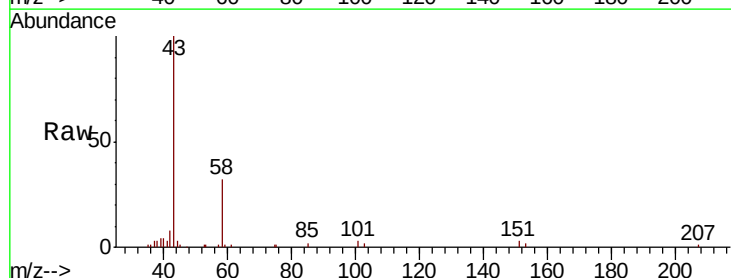
Acq: 30 Oct 2020 17:04

Tgt Ion: 43 Resp: 99573

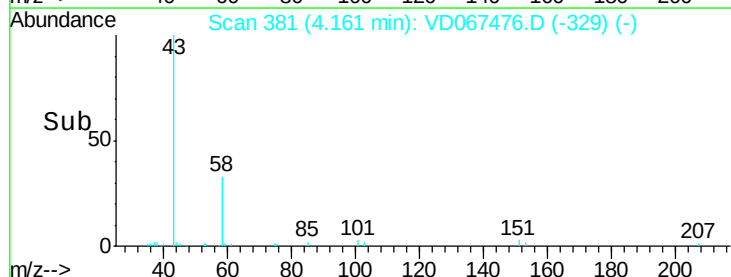
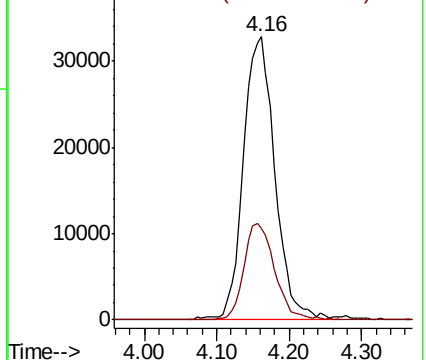
Ion Ratio Lower Upper

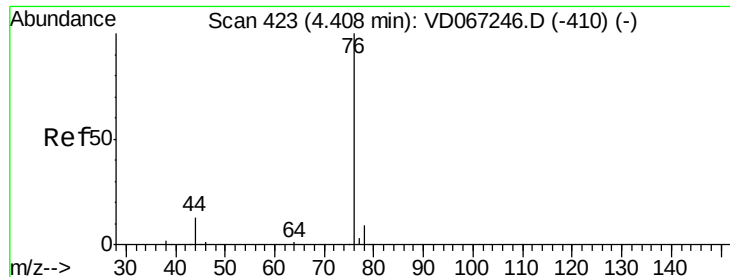
43 100

58 32.4 26.1 39.1



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





#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 :

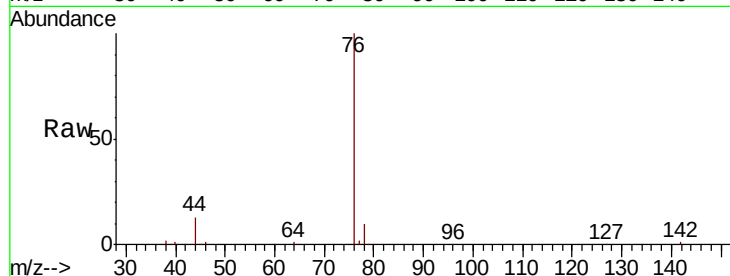
B308-B309-LOC2-SO-0003MSD

Tot Ion: 76 Resp: 256580

Ion Ratio Lower Upper

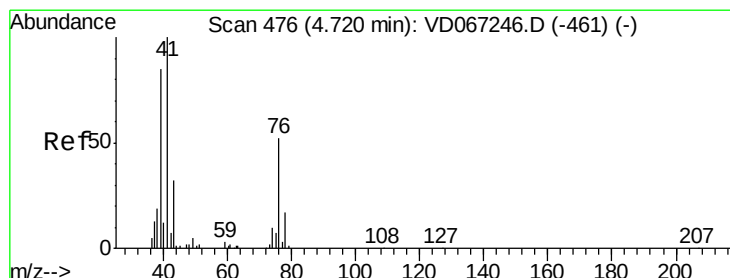
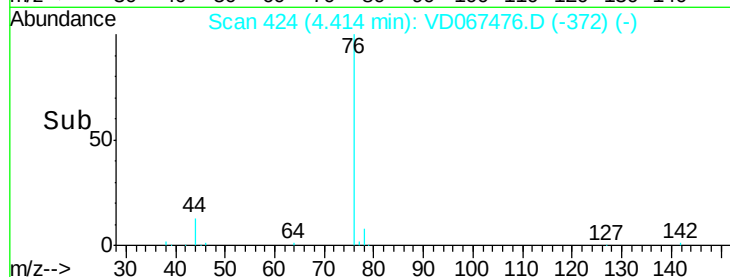
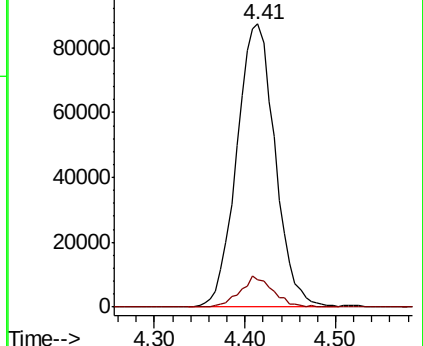
76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 63.576 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067476.D

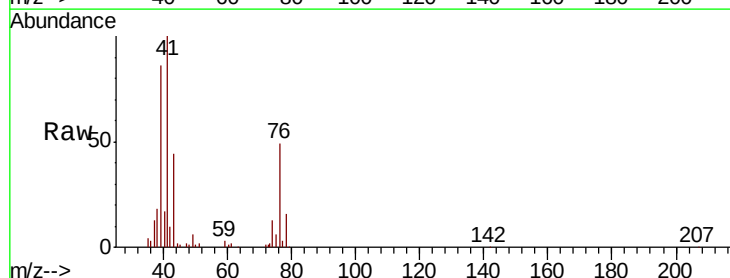
Acq: 30 Oct 2020 17:04

Tgt Ion: 43 Resp: 53816

Ion Ratio Lower Upper

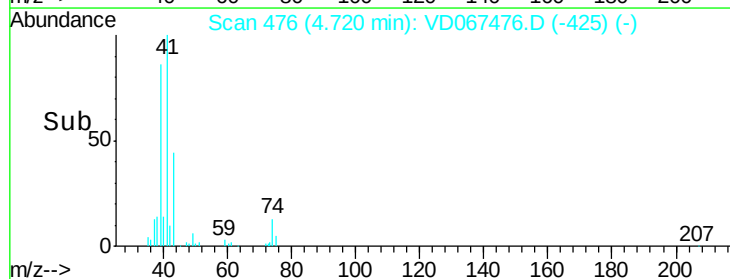
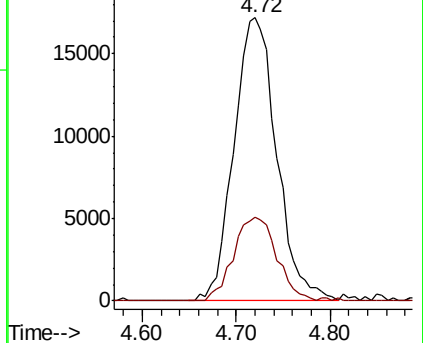
43 100

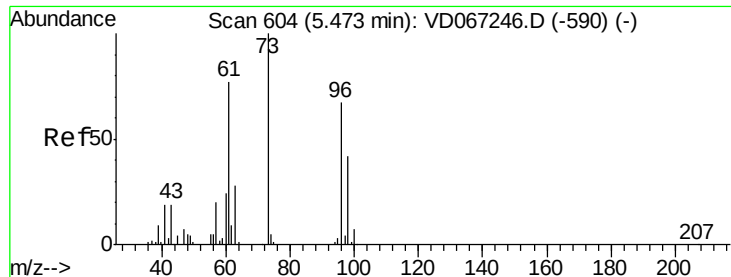
74 30.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

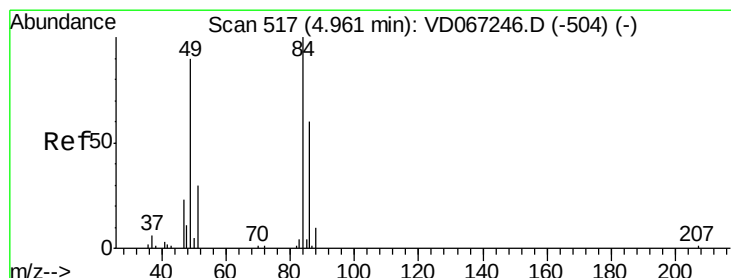
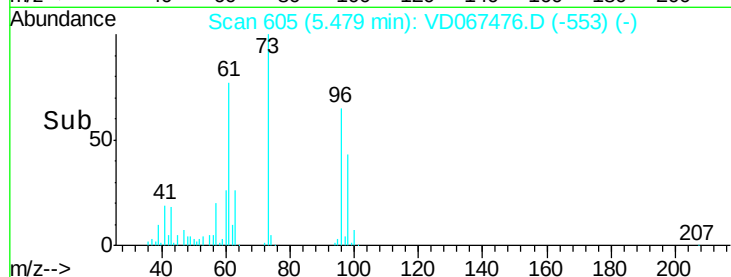
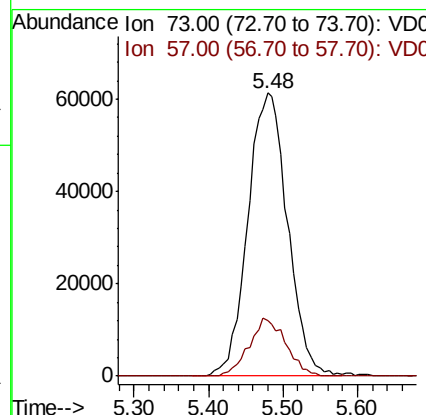
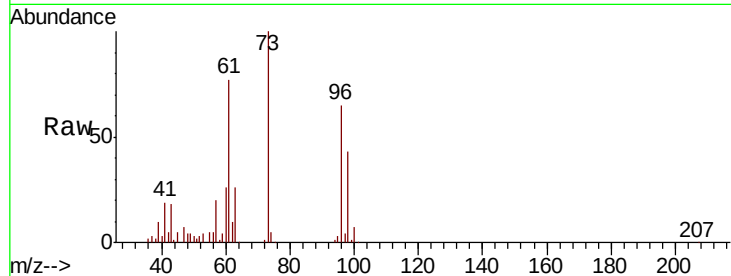




#19
Methyl tert-butyl Ether
Concen: 52.051 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

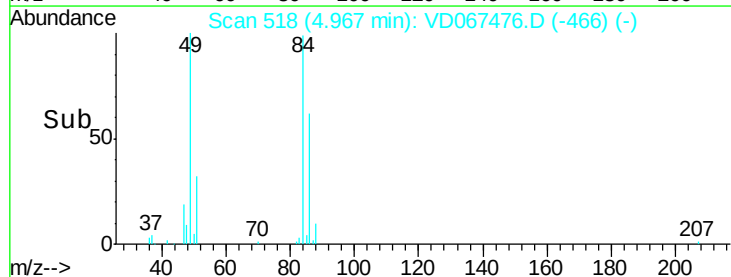
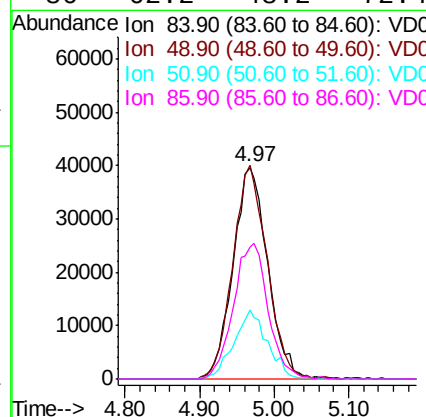
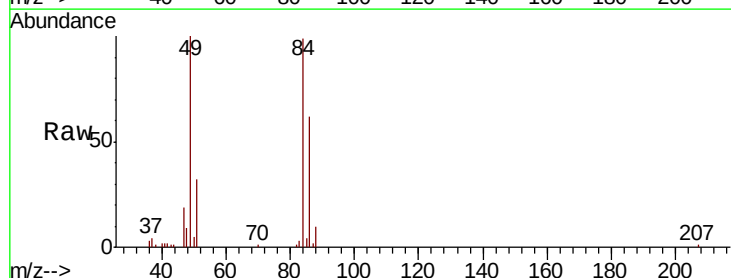
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

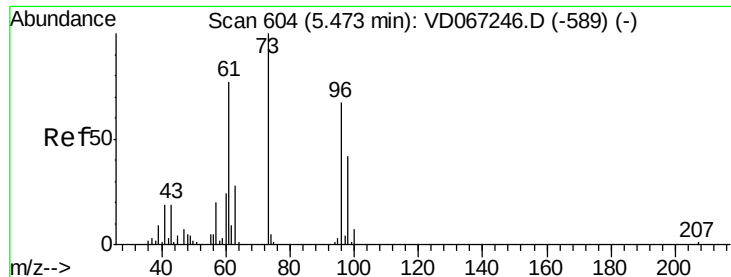
Tot Ion: 73 Resp: 225935
Ion Ratio Lower Upper
73 100
57 19.8 15.7 23.5



#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

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC2-SO-0003MSD

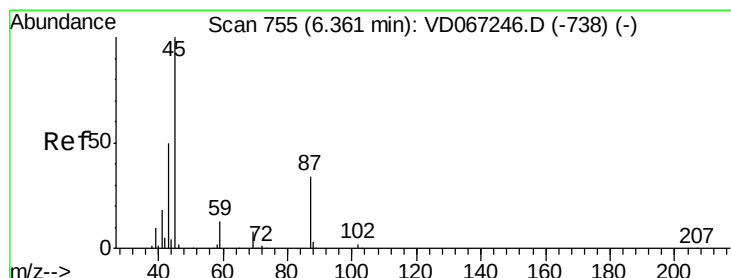
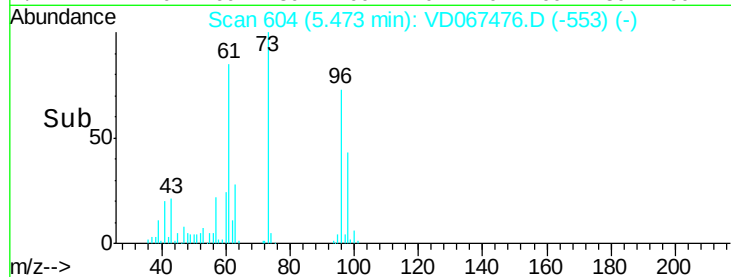
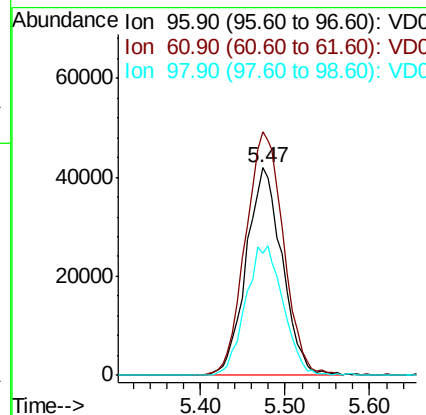
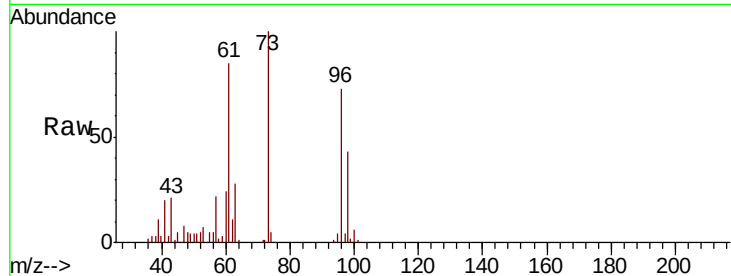
Tot Ion: 96 Resp: 124315

Ion Ratio Lower Upper

96 100

61 117.3 92.0 138.0

98 58.7 49.8 74.8



#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: 45 Resp: 249363

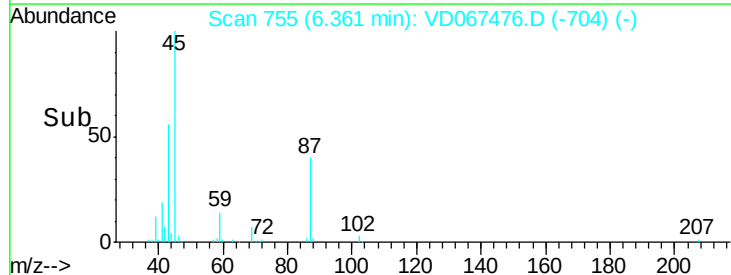
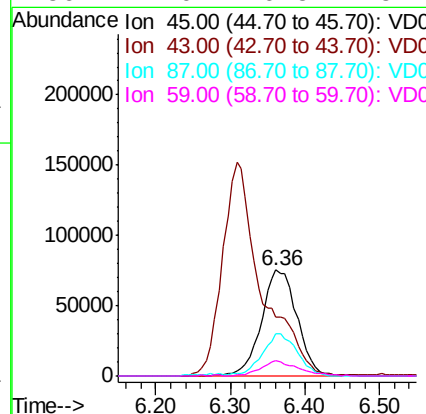
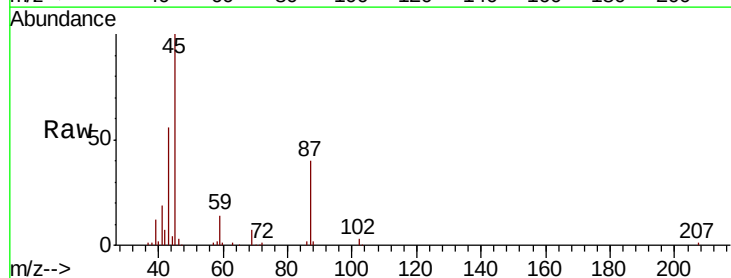
Ion Ratio Lower Upper

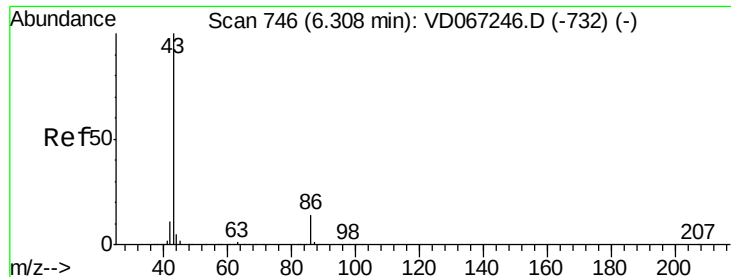
45 100

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 :

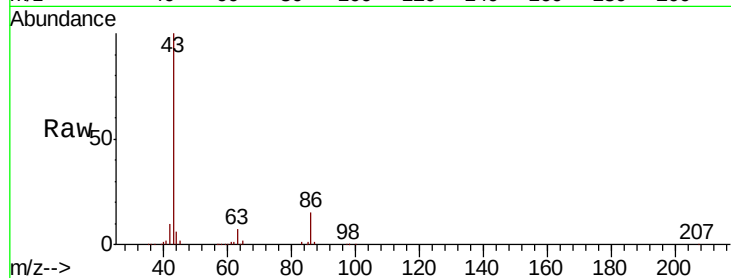
B308-B309-LOC2-SO-0003MSD

Tot Ion: 43 Resp: 552357

Ion Ratio Lower Upper

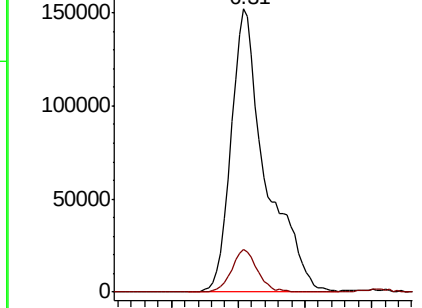
43 100

86 15.2 11.0 16.6

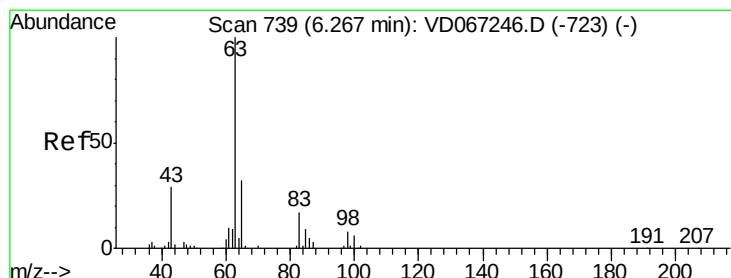
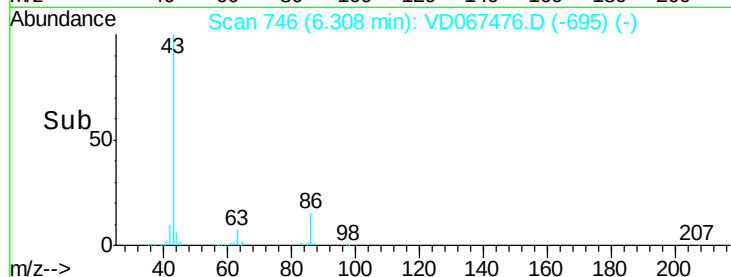


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#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

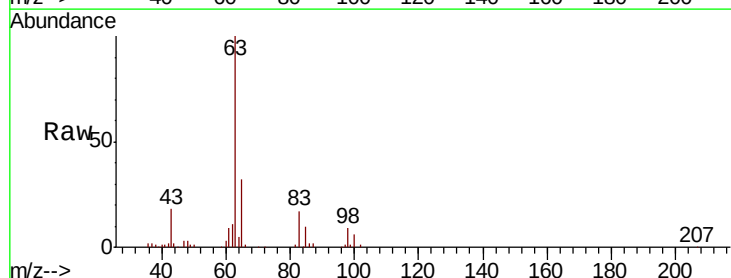
Tgt Ion: 63 Resp: 205376

Ion Ratio Lower Upper

63 100

98 9.2 4.0 12.2

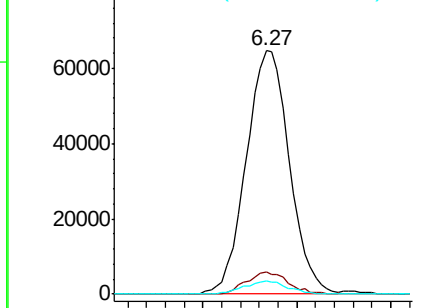
100 5.6 2.8 8.4



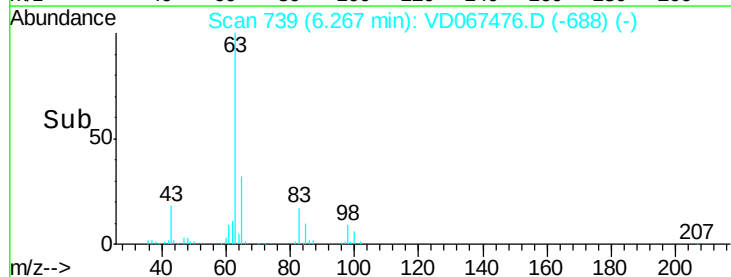
Abundance Ion 62.90 (62.60 to 63.60): VDC

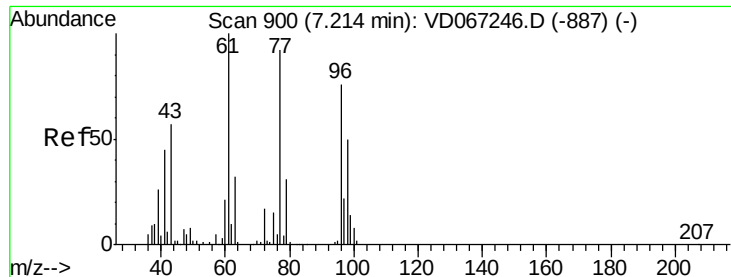
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#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 :

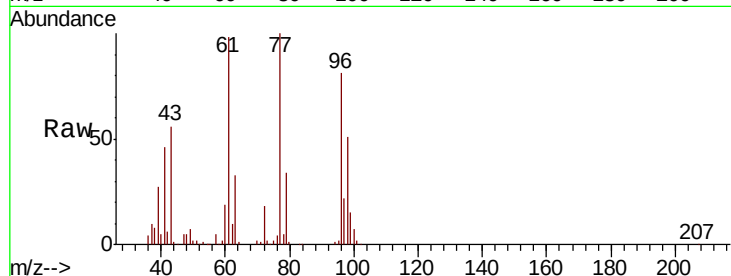
B308-B309-LOC2-SO-0003MSD

Tot Ion: 43 Resp: 103708

Ion Ratio Lower Upper

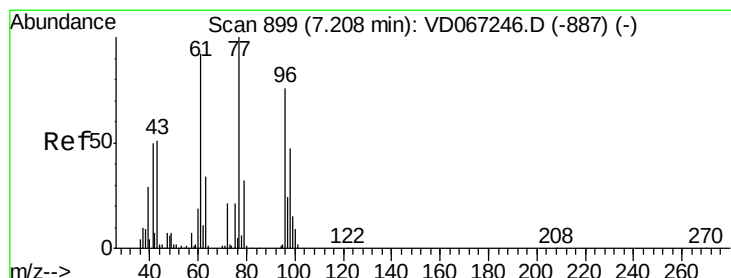
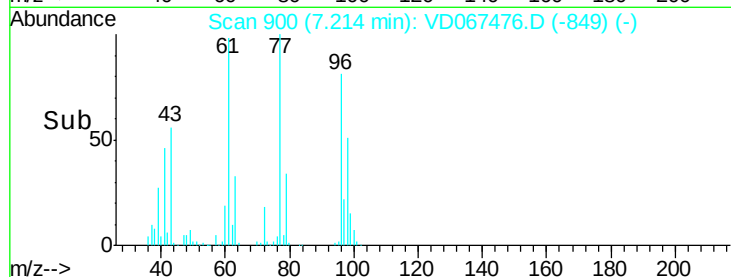
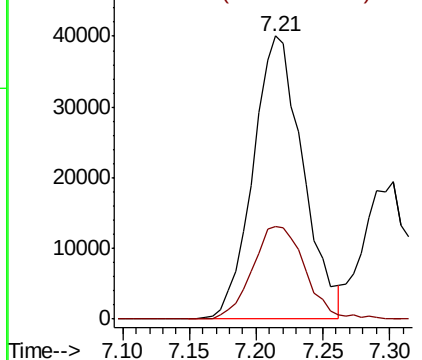
43 100

72 32.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#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

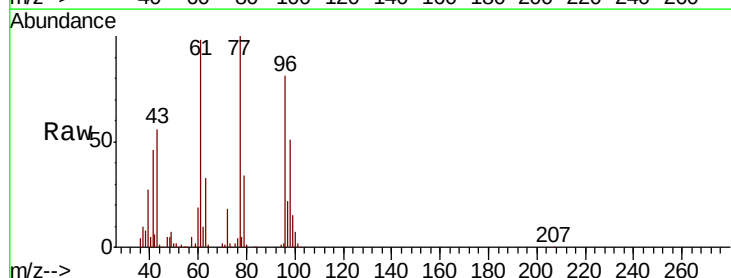
Acq: 30 Oct 2020 17:04

Tgt Ion: 77 Resp: 205381

Ion Ratio Lower Upper

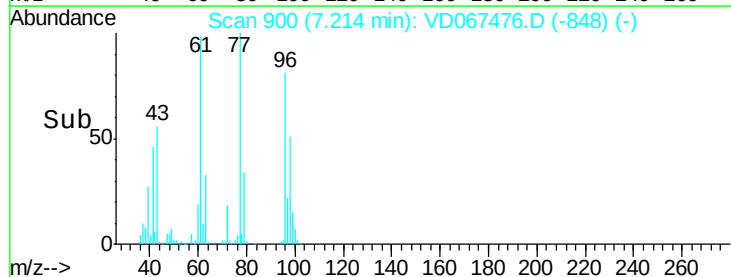
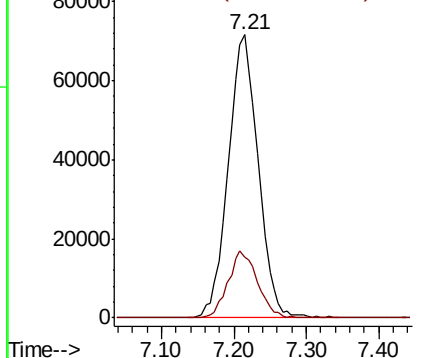
77 100

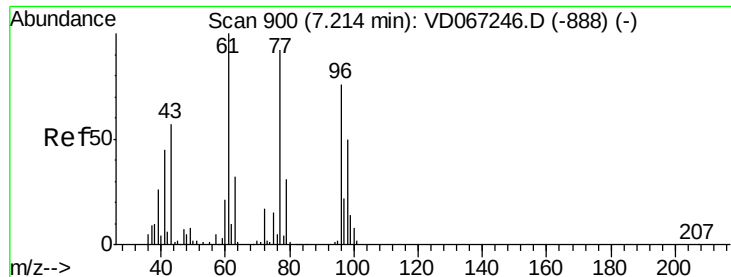
97 23.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#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

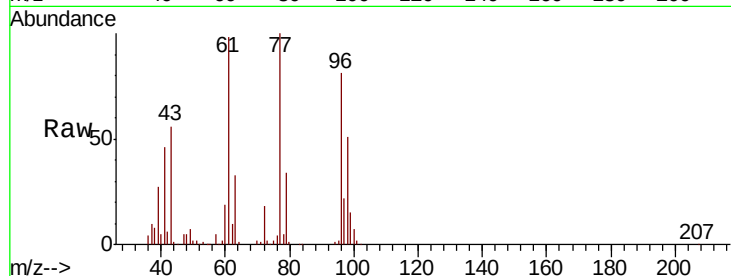
Tot Ion: 96 Resp: 150908

Ion Ratio Lower Upper

96 100

61 126.7 0.0 255.4

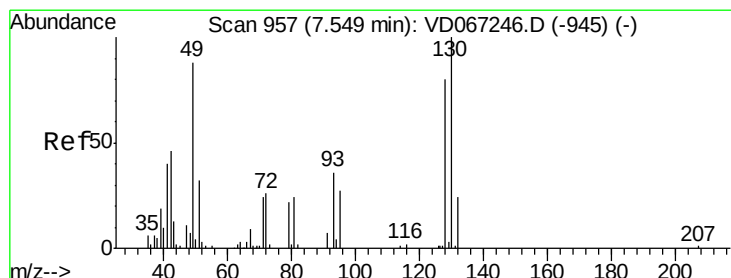
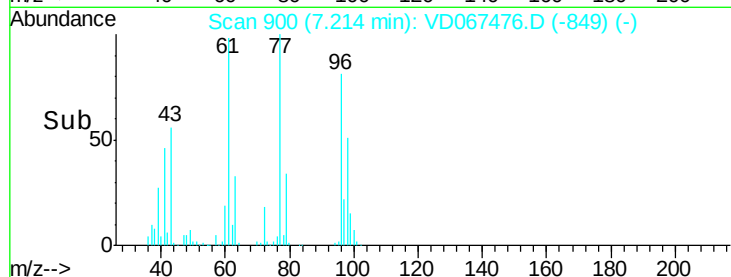
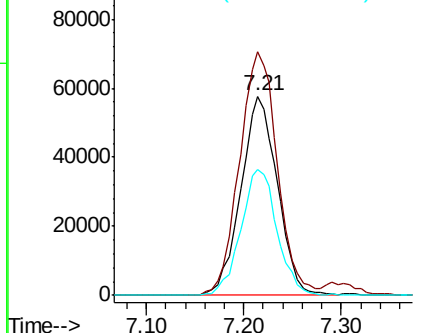
98 62.9 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#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

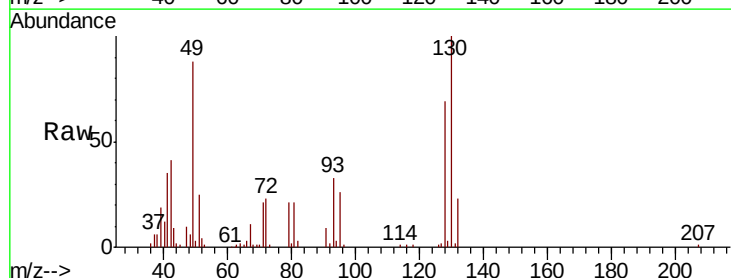
Tgt Ion: 49 Resp: 69694

Ion Ratio Lower Upper

49 100

129 2.4 0.0 1.6#

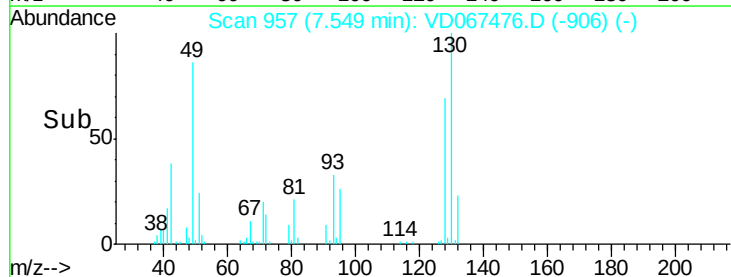
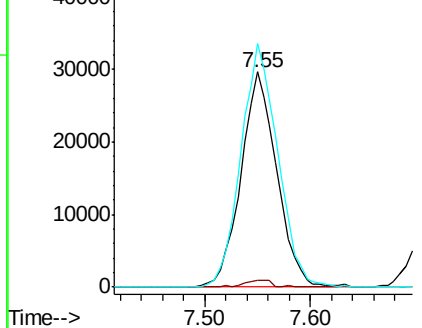
130 116.3 91.0 136.6

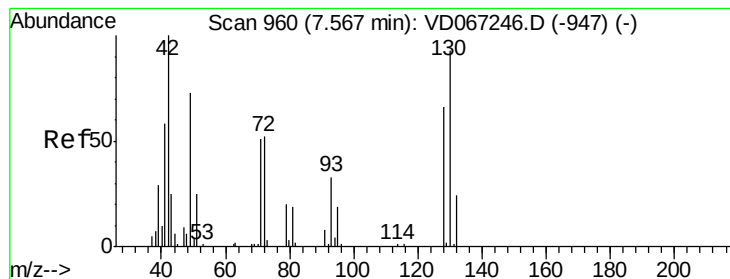


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#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

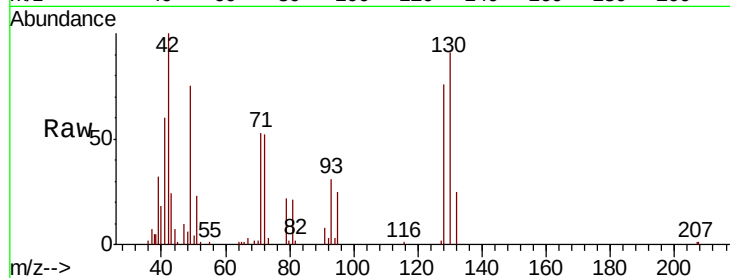
Tot Ion: 42 Resp: 57843

Ion Ratio Lower Upper

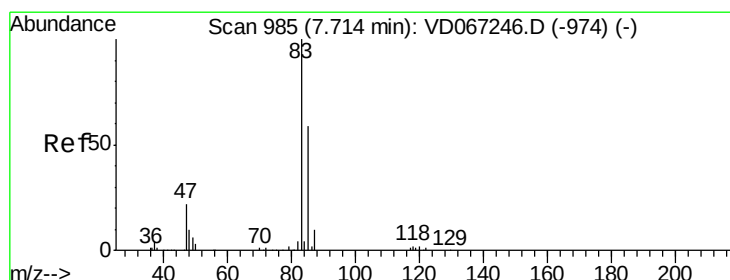
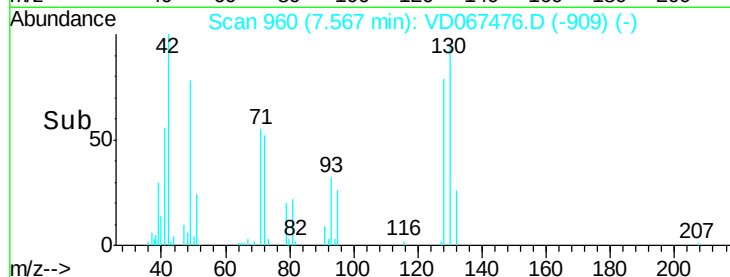
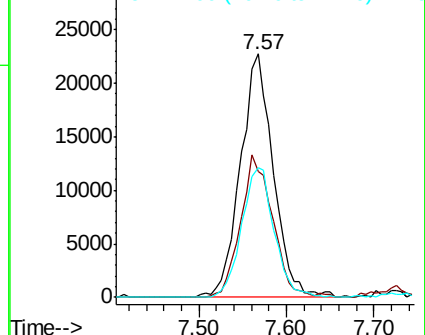
42 100

72 56.6 43.2 64.8

71 53.0 39.4 59.0



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



#30

Chloroform

Concen: 54.490 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067476.D

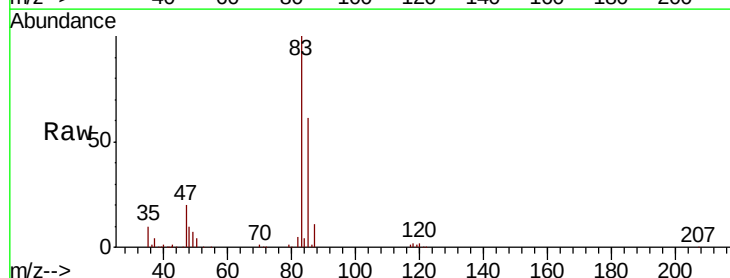
Acq: 30 Oct 2020 17:04

Tgt Ion: 83 Resp: 254466

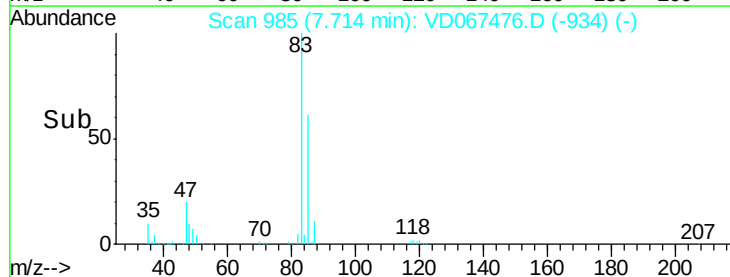
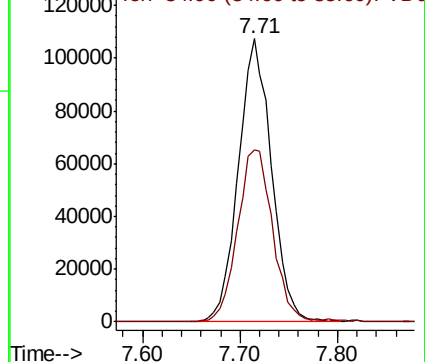
Ion Ratio Lower Upper

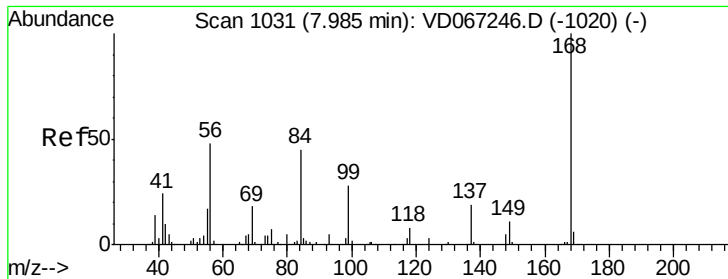
83 100

85 60.8 47.3 70.9



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

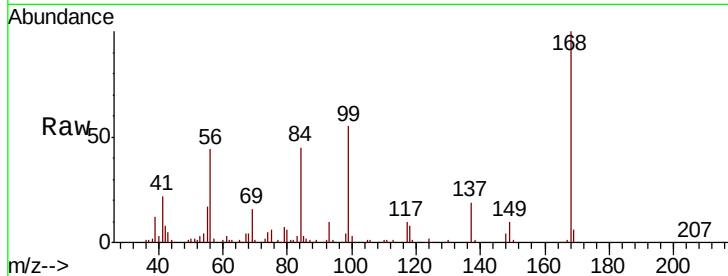




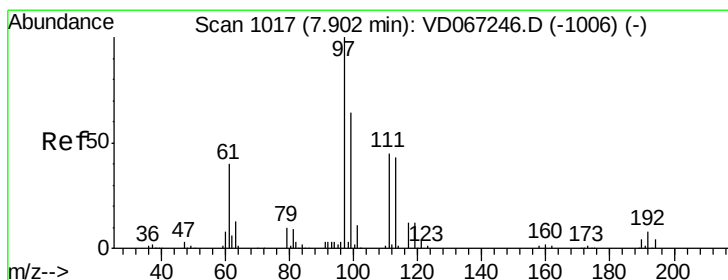
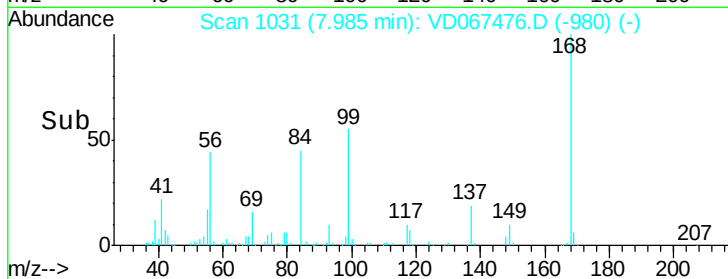
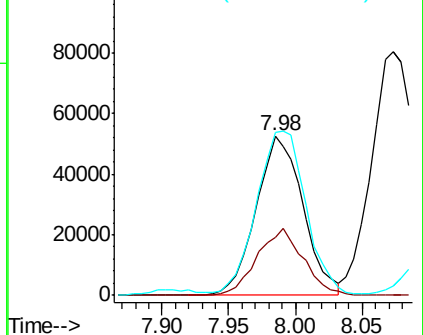
#31
Cyclohexane
Concen: 42.107 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

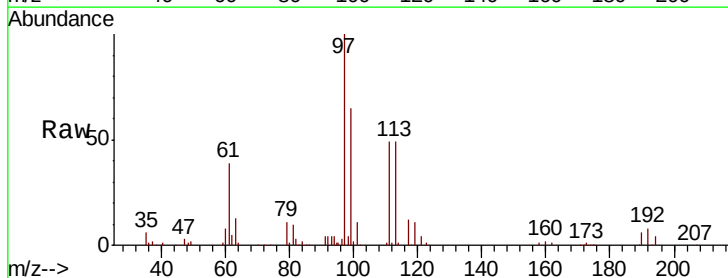


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

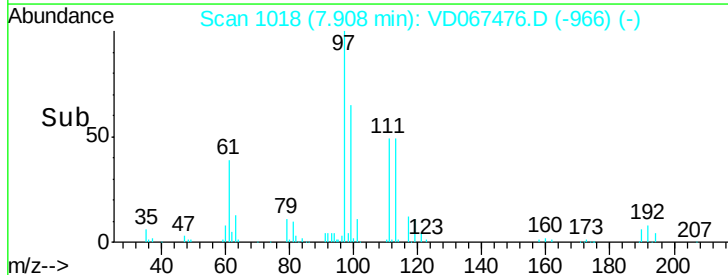
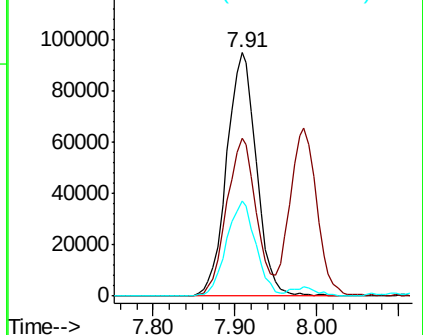


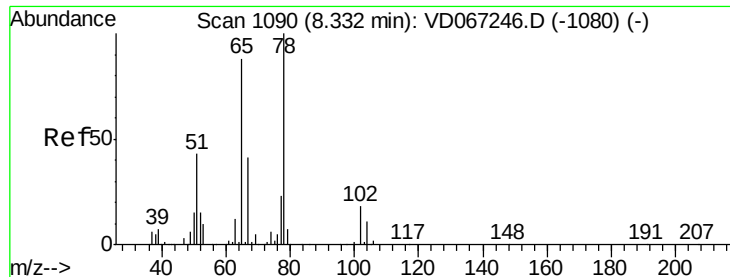
#32
1,1,1-Trichloroethane
Concen: 52.405 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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



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





#33

1,2-Dichloroethane-d4

Concen: 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 :

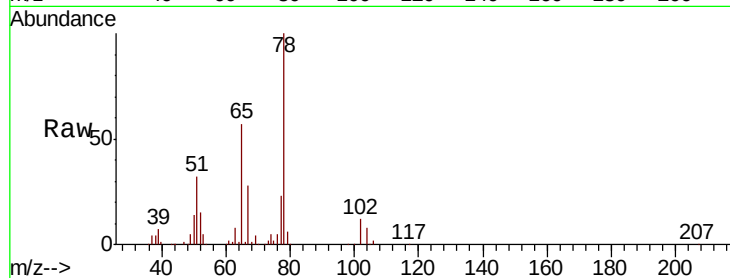
B308-B309-LOC2-SO-0003MSD

Tot Ion: 65 Resp: 138270

Ion Ratio Lower Upper

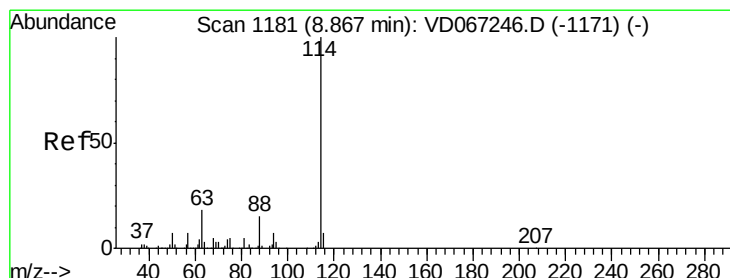
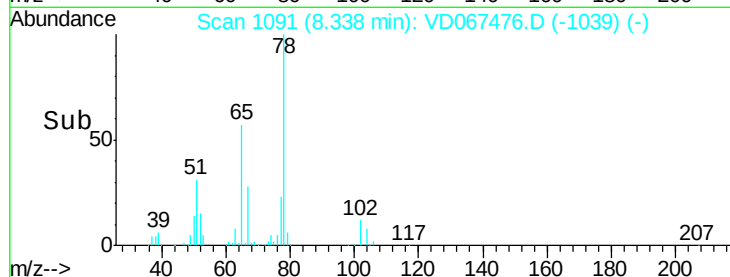
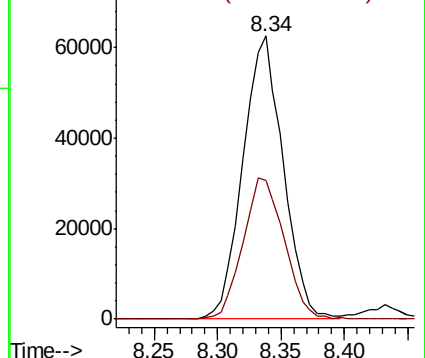
65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#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

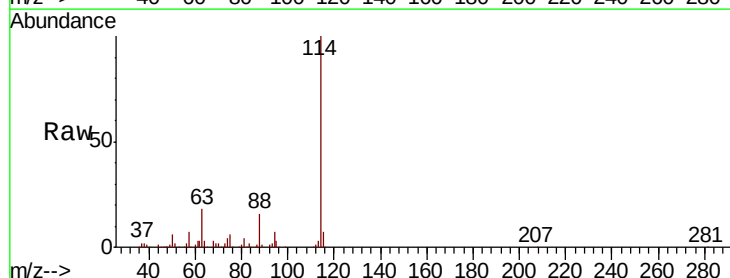
Tgt Ion: 114 Resp: 405714

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

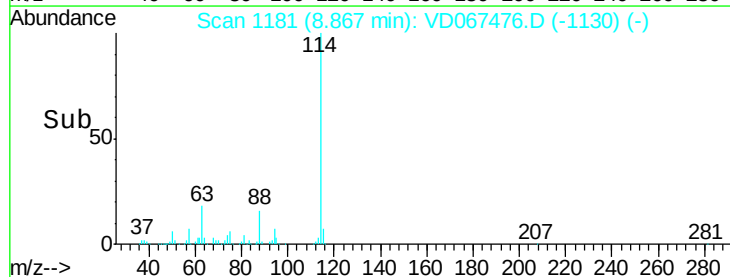
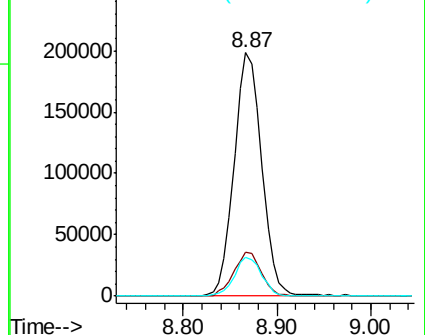
88 16.2 0.0 30.6

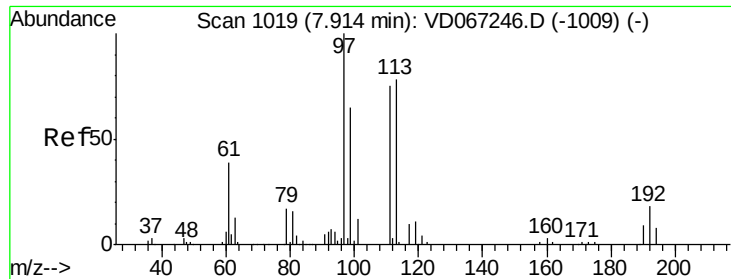


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

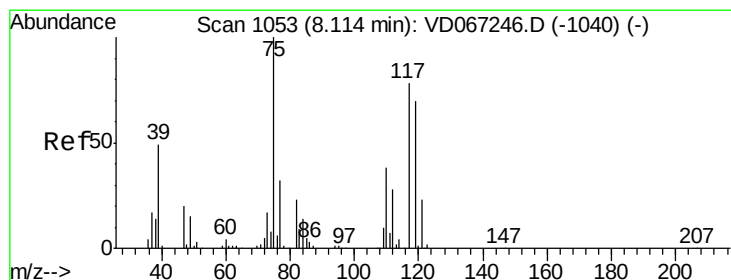
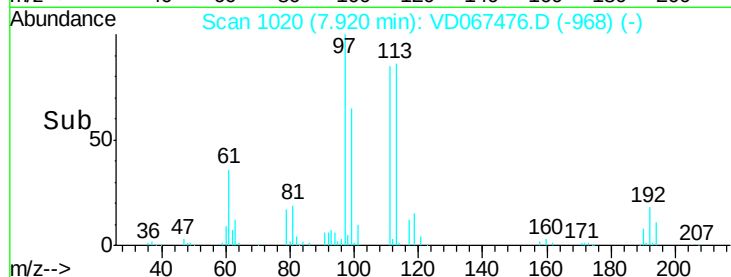
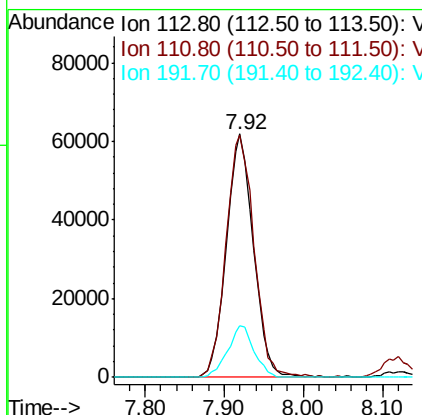
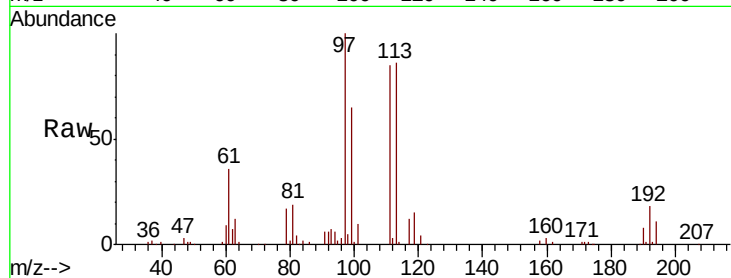




#35
Dibromofluoromethane
Concen: 53.948 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

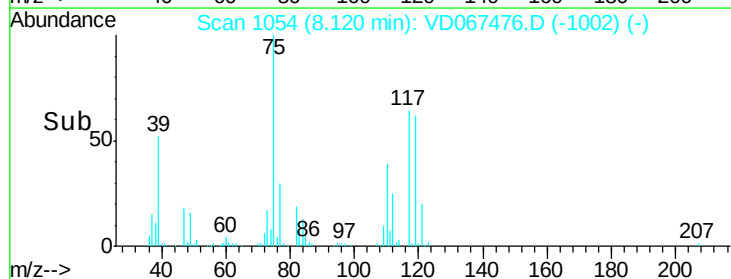
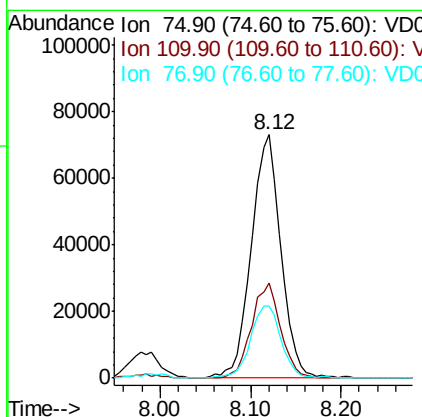
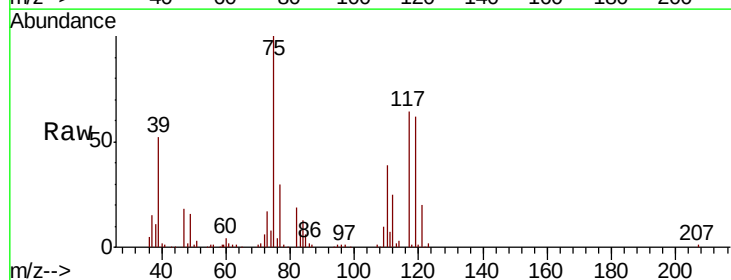
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

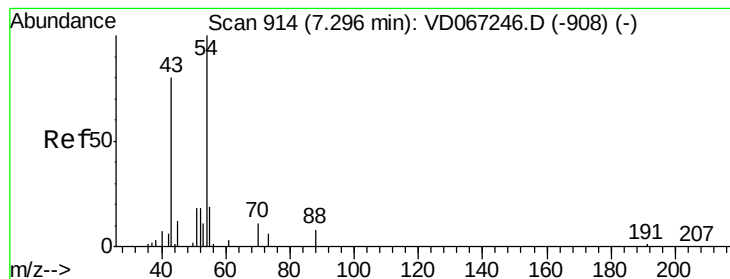
Tot Ion:113 Resp: 145660
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 20.8 17.0 25.4



#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

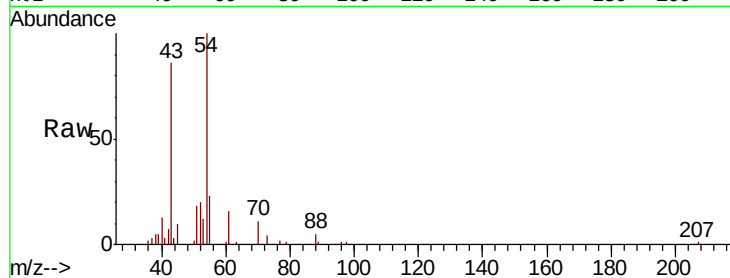
Tot Ion: 43 Resp: 42096

Ion Ratio Lower Upper

43 100

61 20.9 15.6 23.4

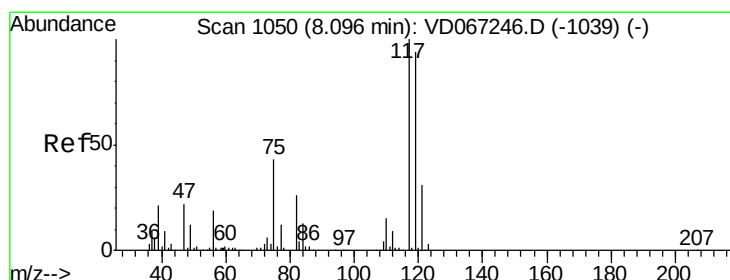
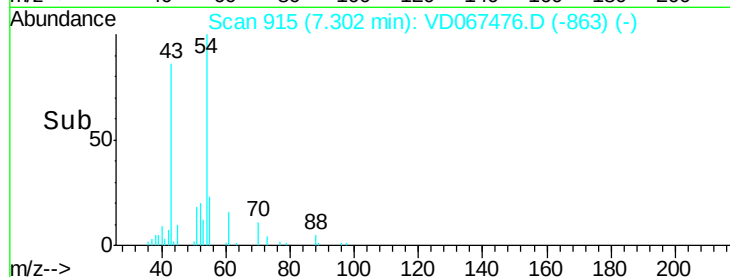
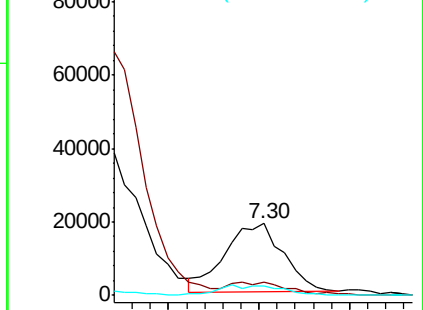
70 7.0 10.4 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 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

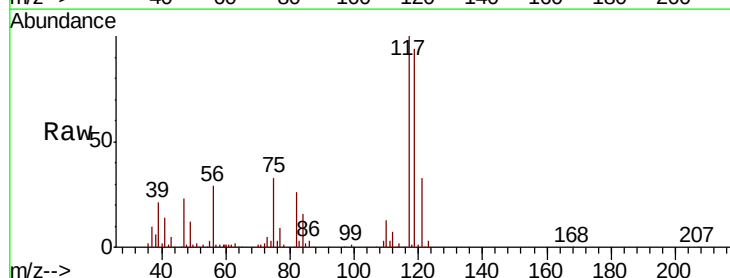
Tgt Ion: 117 Resp: 221739

Ion Ratio Lower Upper

117 100

119 93.5 75.0 112.4

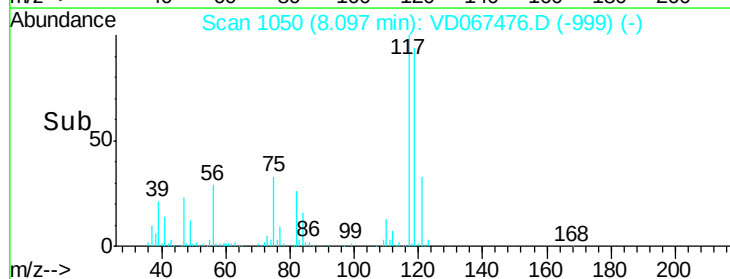
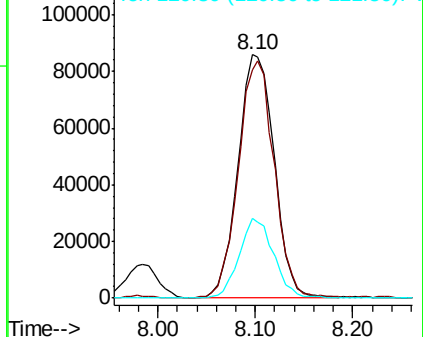
121 32.7 24.9 37.3

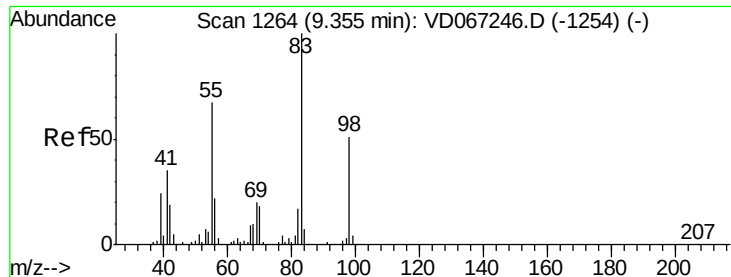


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

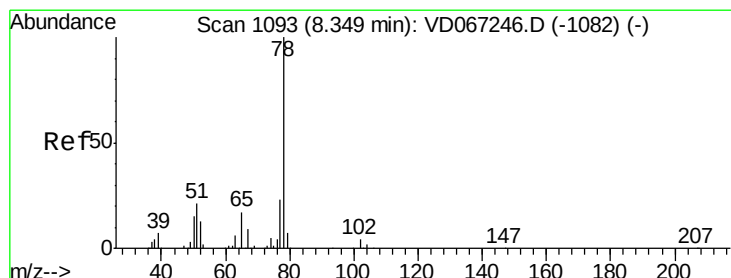
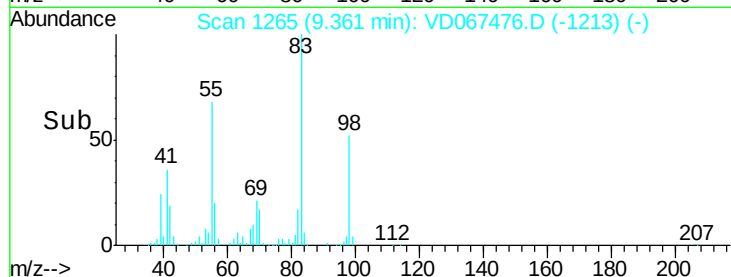
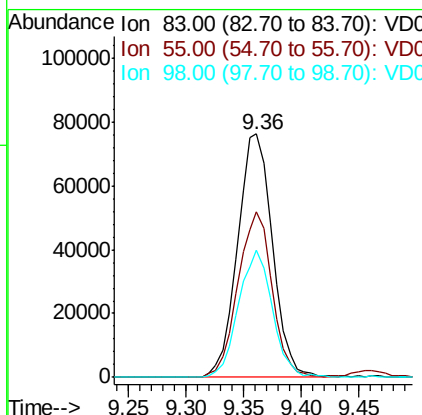
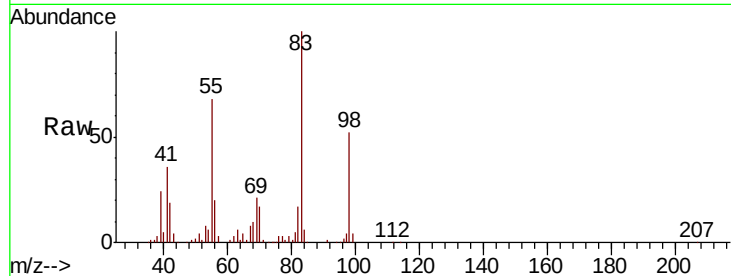




#39
Methylvlcyclohexane
Concen: 44.696 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

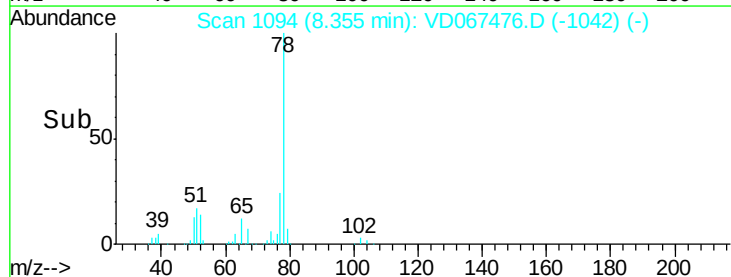
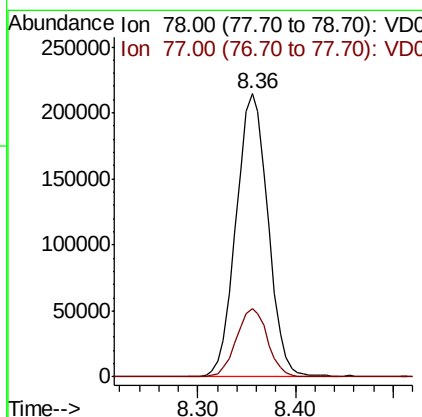
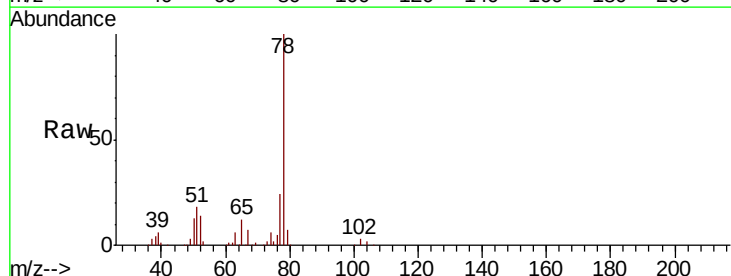
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

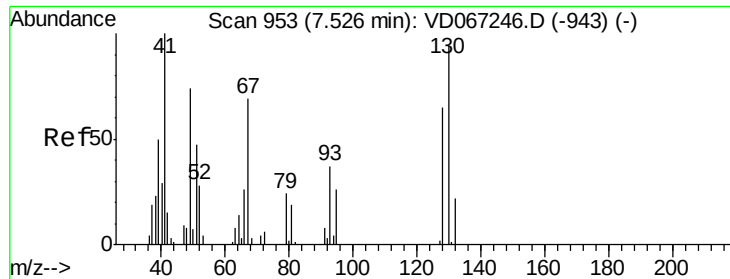
Tot Ion	83.00	Resp	160676
Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.3	79.9
98	52.4	41.0	61.4



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

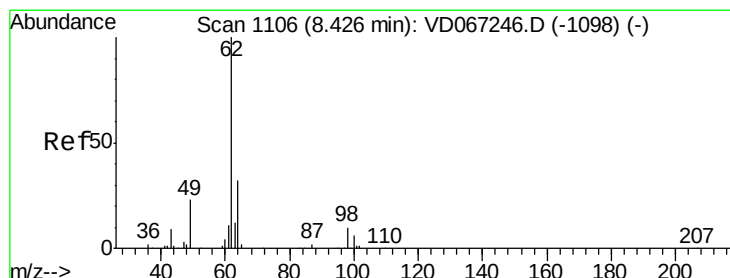
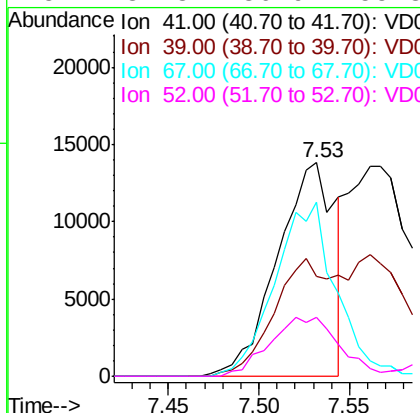
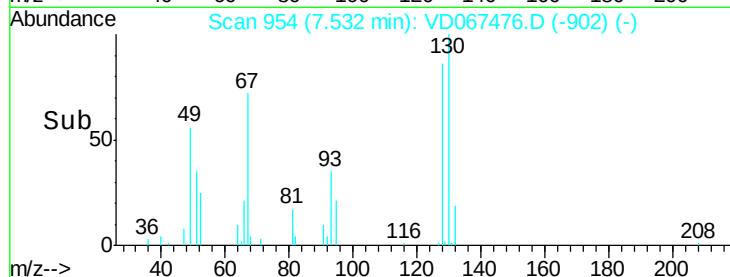
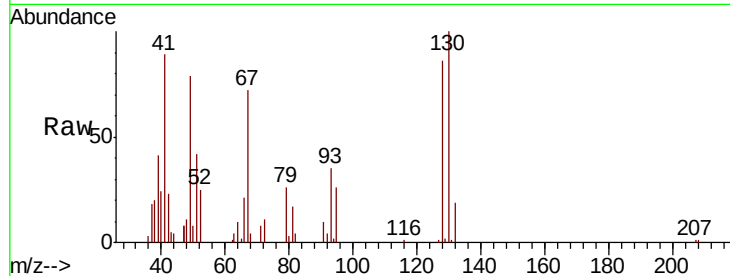




#41
Methacrylonitrile
Concen: 56.306 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

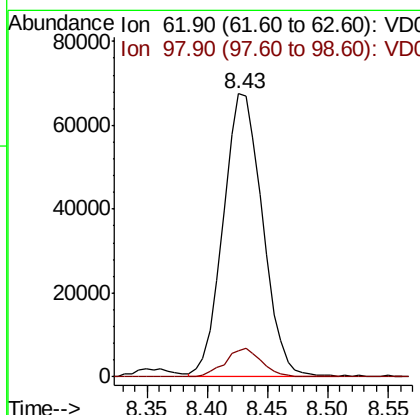
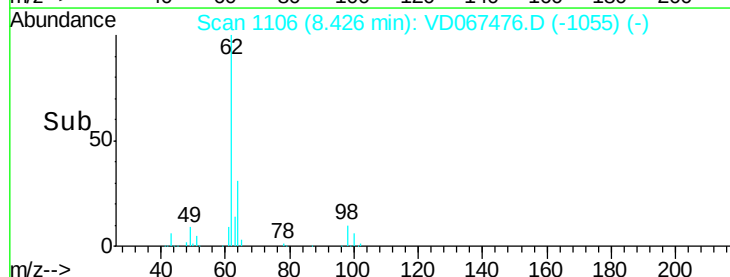
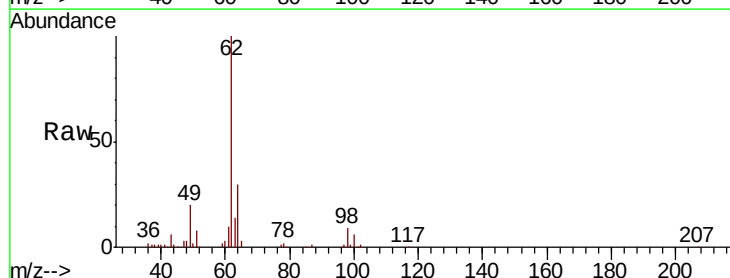
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

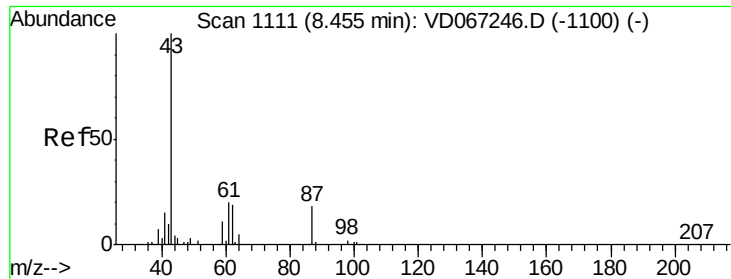
Tot Ion: 41 Resp: 30784
Ion Ratio Lower Upper
41 100
39 49.4 60.0 90.0#
67 85.9 88.9 133.3#
52 32.8 36.9 55.3#



#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: 62 Resp: 152286
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

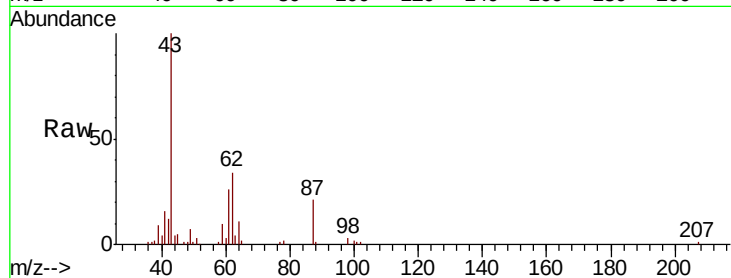
Tot Ion: 43 Resp: 96726

Ion Ratio Lower Upper

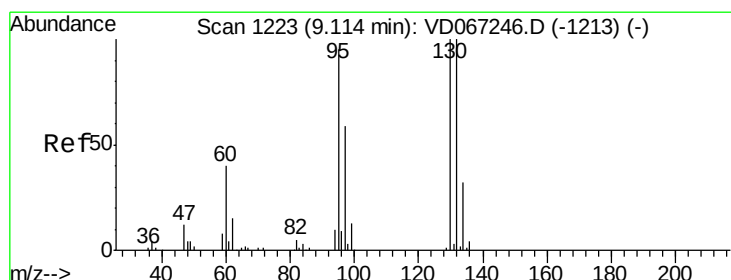
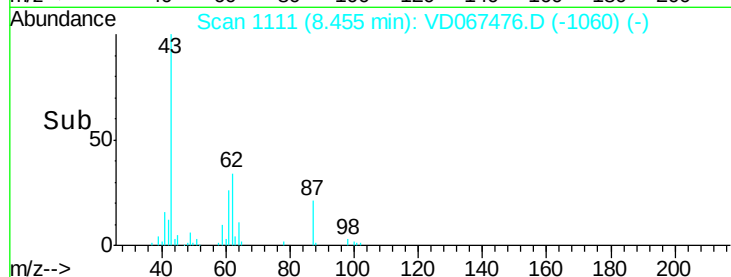
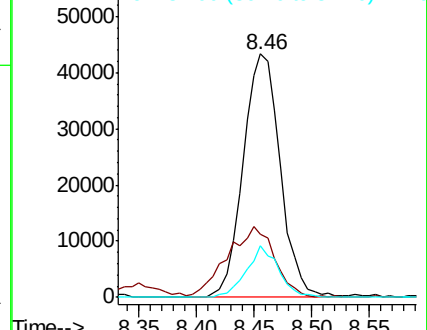
43 100

61 37.2 29.5 44.3

87 18.3 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.164 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067476.D

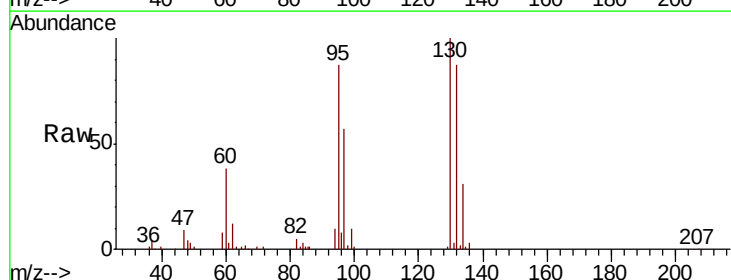
Acq: 30 Oct 2020 17:04

Tgt Ion:130 Resp: 154538

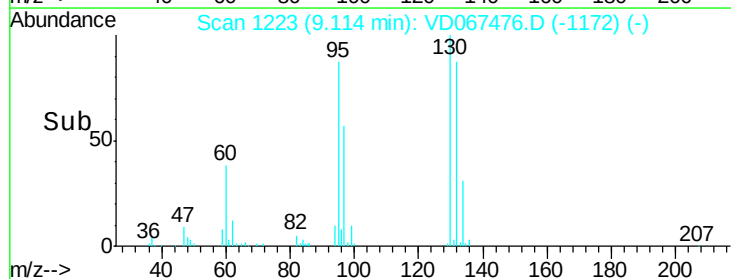
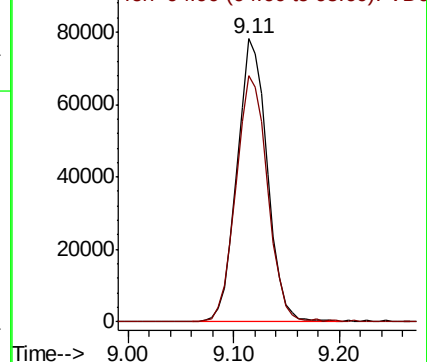
Ion Ratio Lower Upper

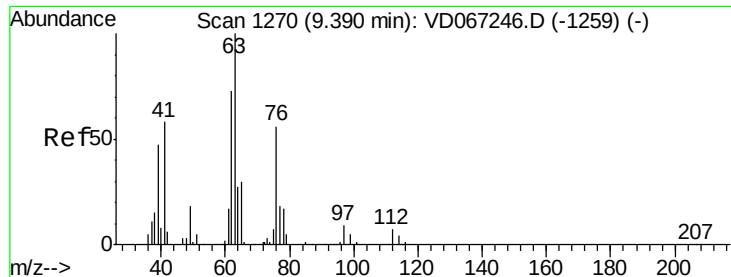
130 100

95 87.2 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#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 :

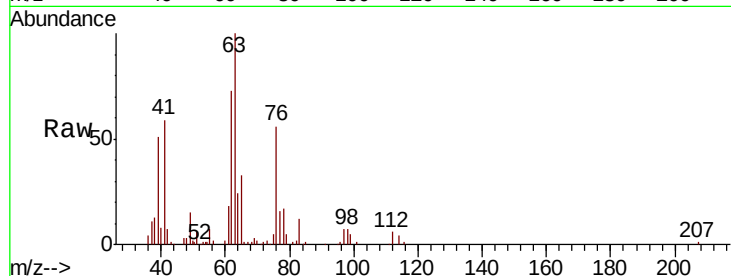
B308-B309-LOC2-SO-0003MSD

Tot Ion: 63 Resp: 113676

Ion Ratio Lower Upper

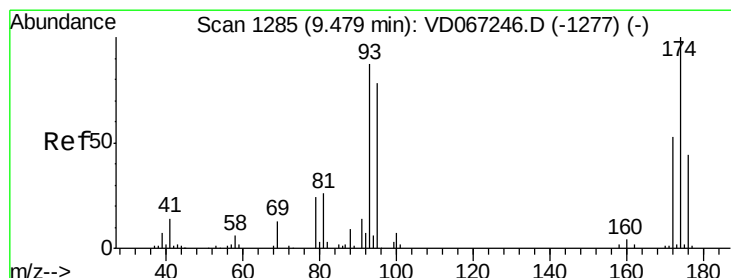
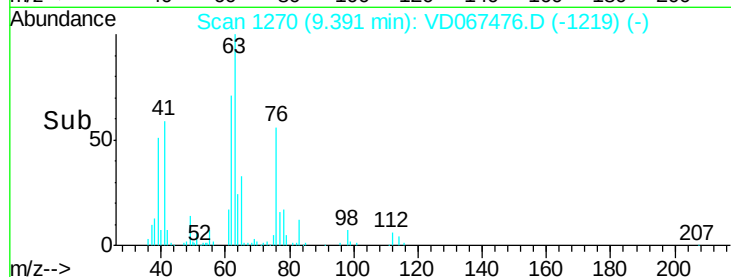
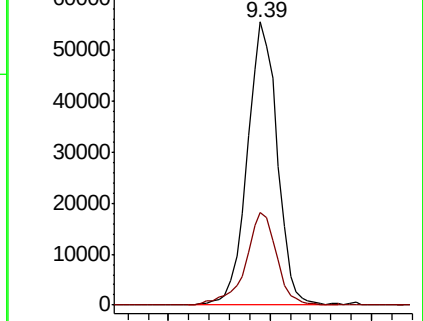
63 100

65 32.6 24.6 36.8



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

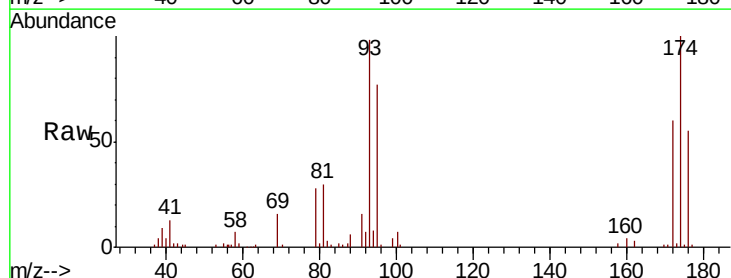
Tgt Ion: 93 Resp: 67407

Ion Ratio Lower Upper

93 100

95 81.6 68.0 102.0

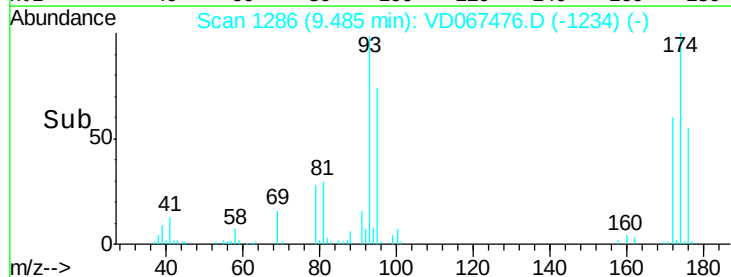
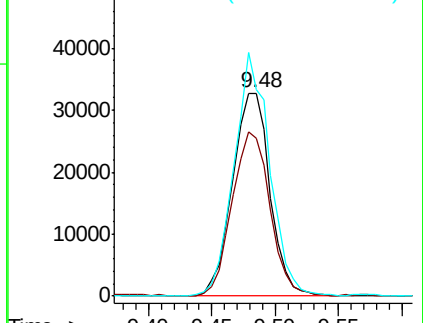
174 113.3 91.8 137.6

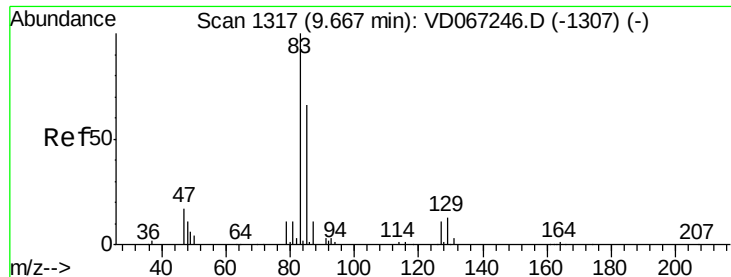


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

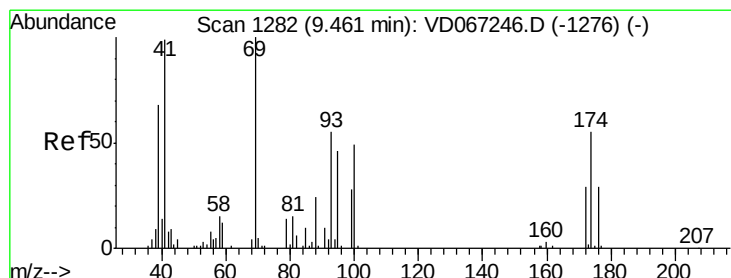
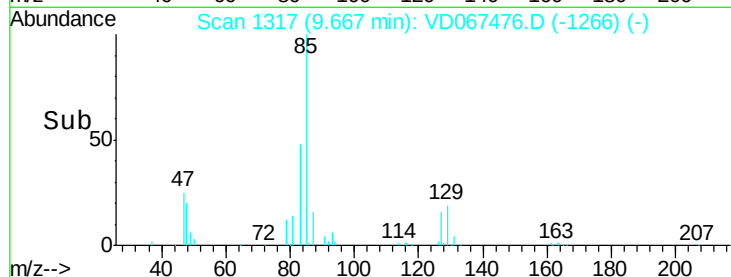
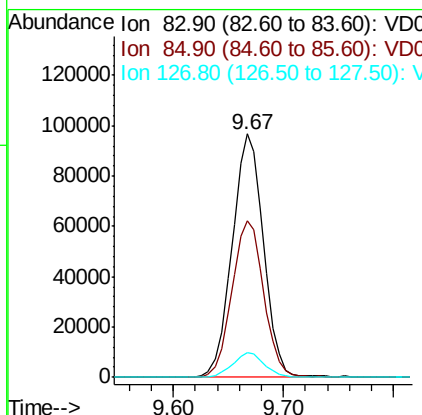
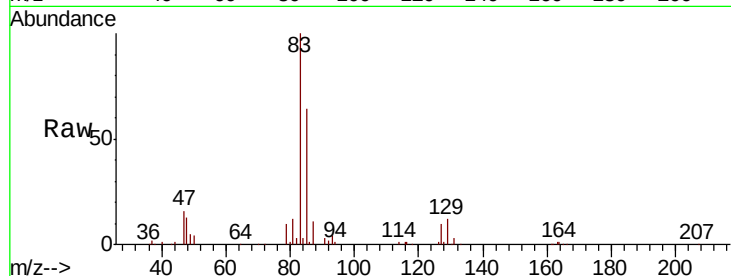




#47
Bromodichloromethane
Concen: 52.739 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

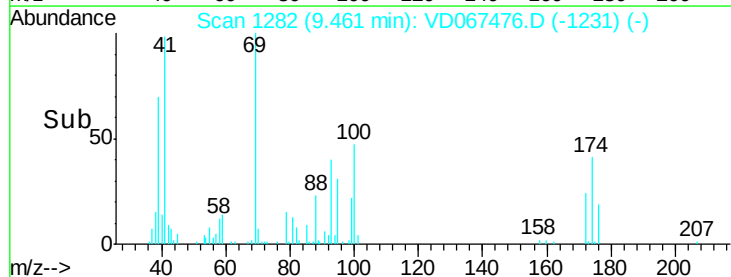
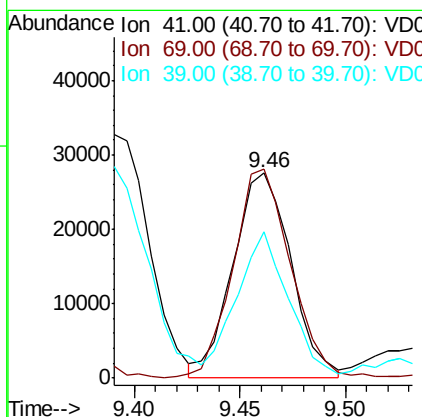
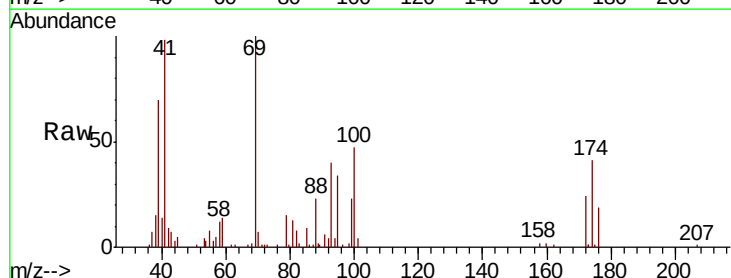
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

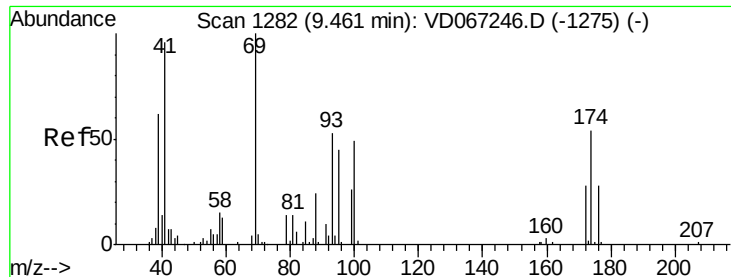
Tot Ion: 83 Resp: 192479
Ion Ratio Lower Upper
83 100
85 64.5 53.1 79.7
127 10.4 8.6 13.0



#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

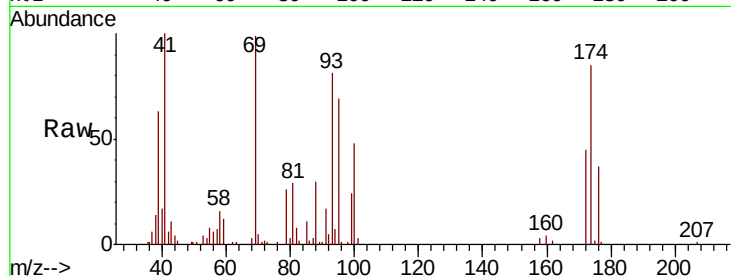




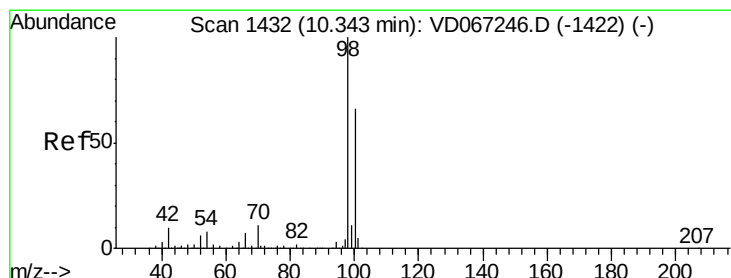
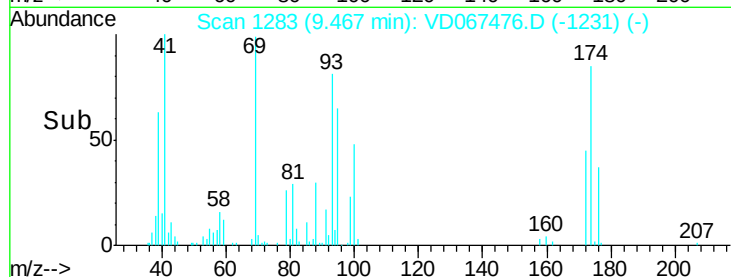
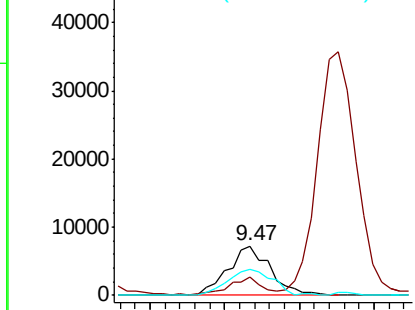
#49
1,4-Dioxane
Concen: 1077.970 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

Tot Ion: 88 Resp: 14179
Ion Ratio Lower Upper
88 100
43 29.3 23.9 35.9
58 56.3 51.0 76.6

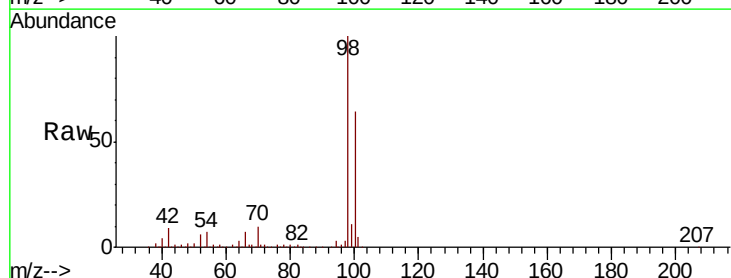


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

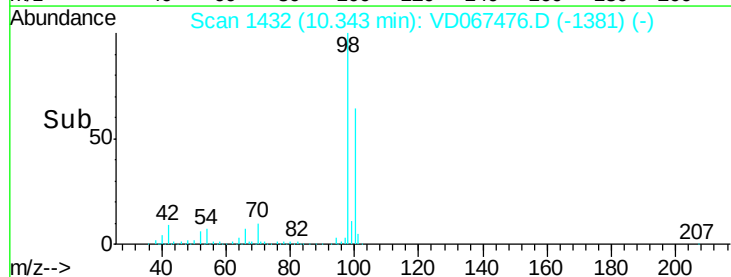
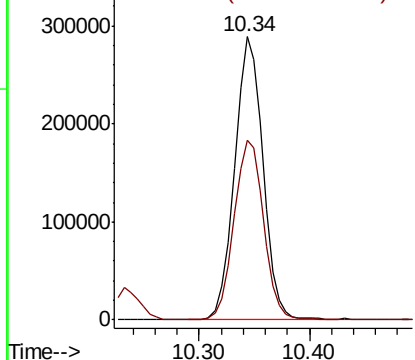


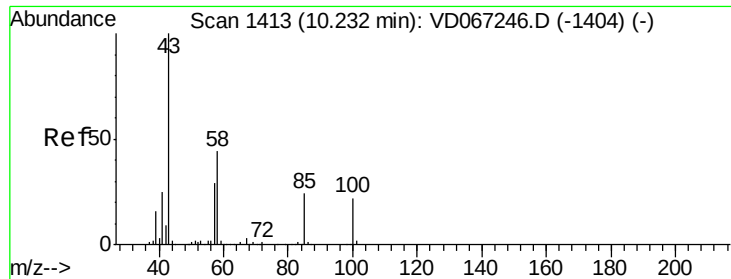
#50
Toluene-d8
Concen: 53.364 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

Tgt Ion: 98 Resp: 521431
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 :

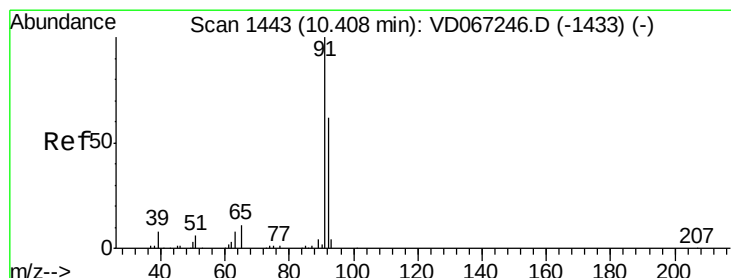
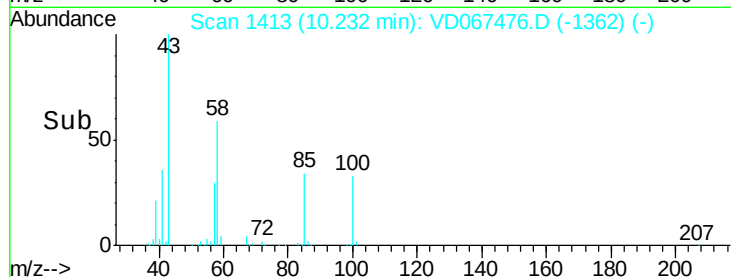
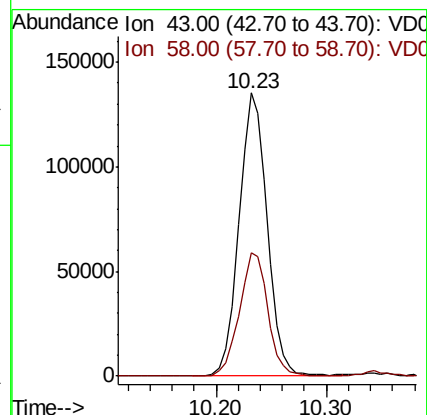
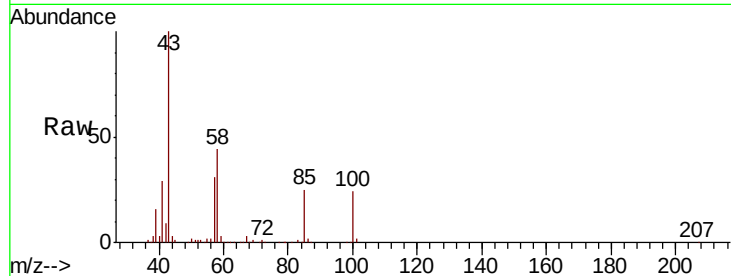
B308-B309-LOC2-SO-0003MSD

Tot Ion: 43 Resp: 241905

Ion Ratio Lower Upper

43 100

58 44.3 35.7 53.5



#52

Toluene

Concen: 51.910 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067476.D

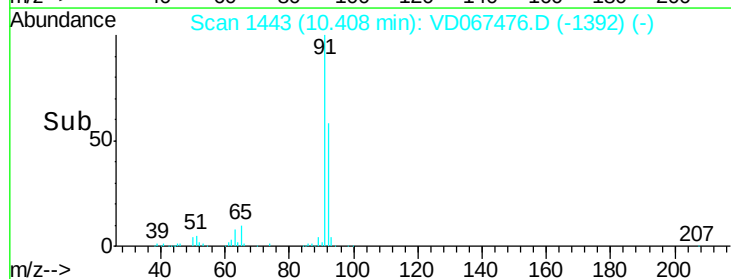
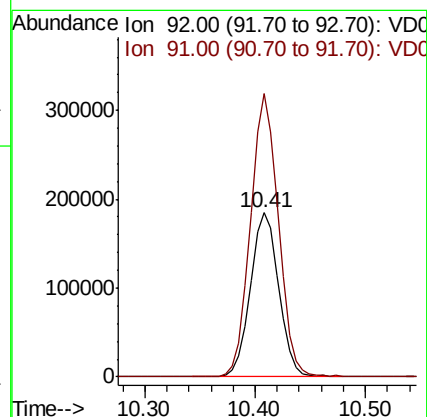
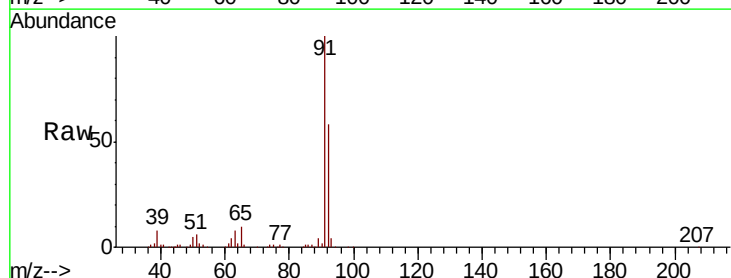
Acq: 30 Oct 2020 17:04

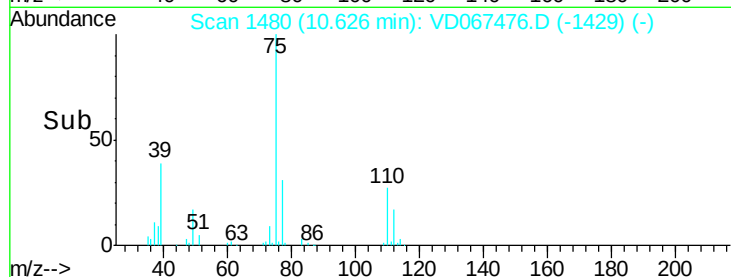
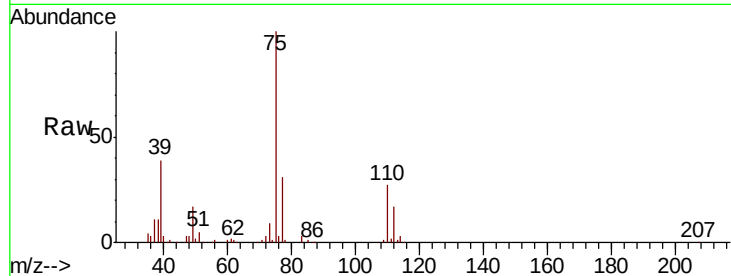
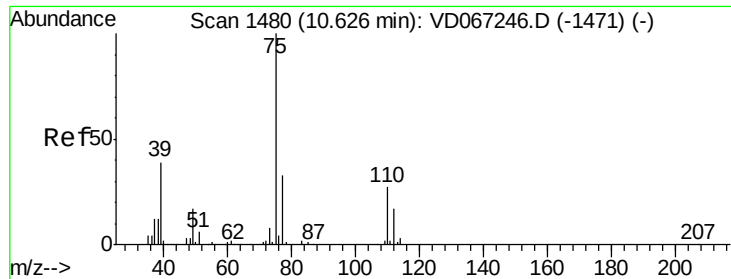
Tgt Ion: 92 Resp: 333535

Ion Ratio Lower Upper

92 100

91 170.5 133.8 200.8

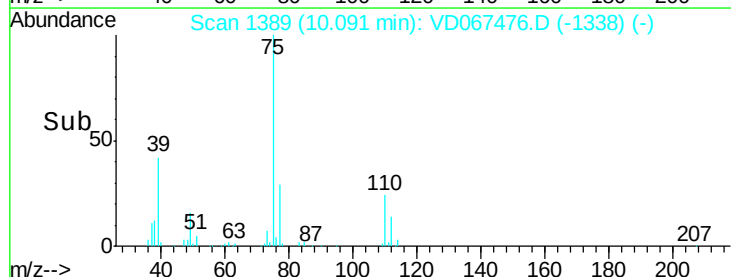
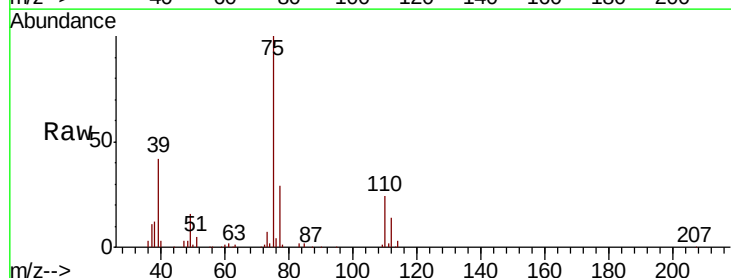
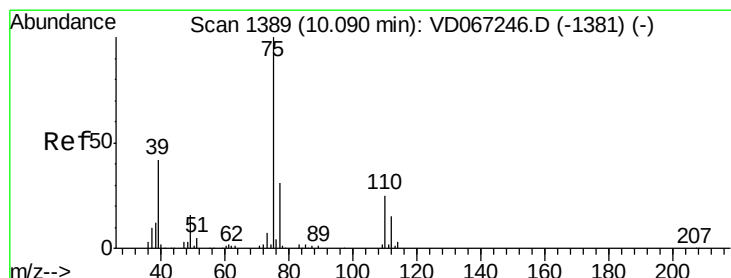
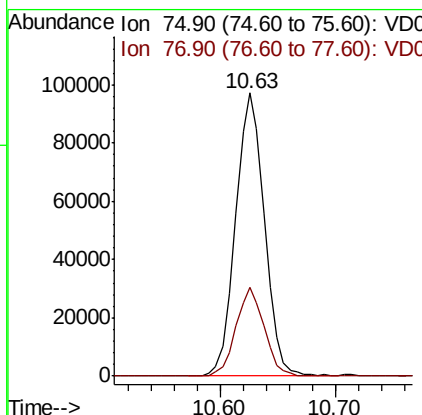




#53
t-1,3-Dichloropropene
Concen: 52.258 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

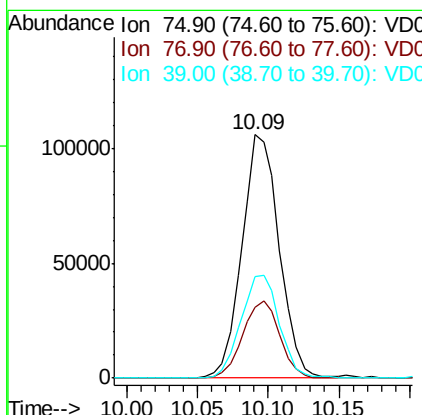
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

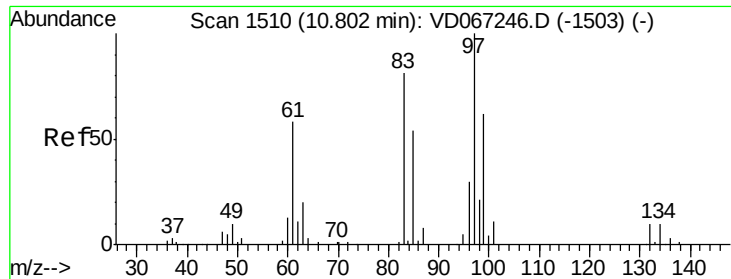
Tot Ion: 75 Resp: 167539
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7



#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

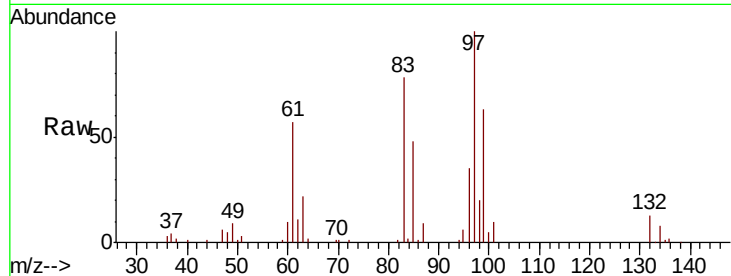




#55
 1,1,2-Trichloroethane
 Concen: 51.669 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

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

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



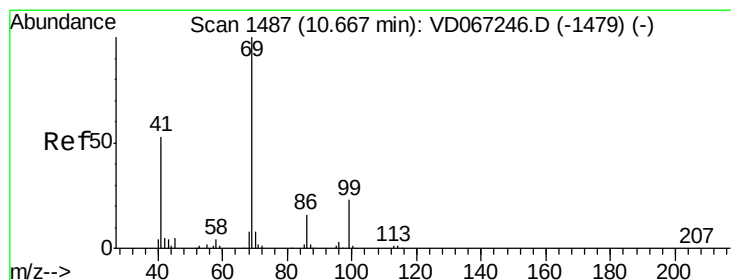
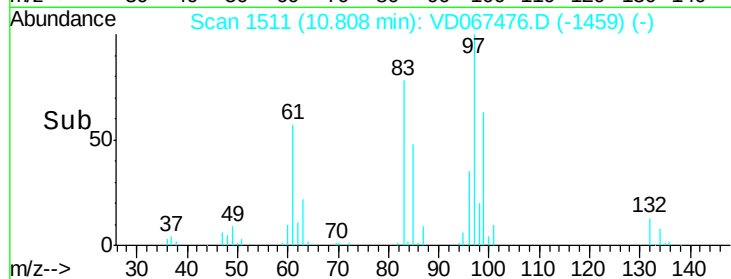
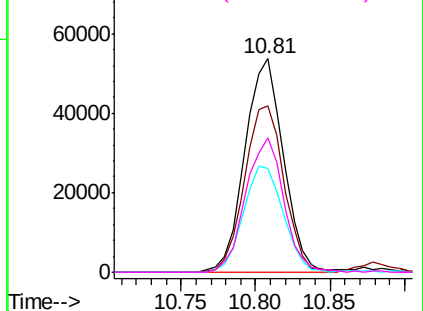
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

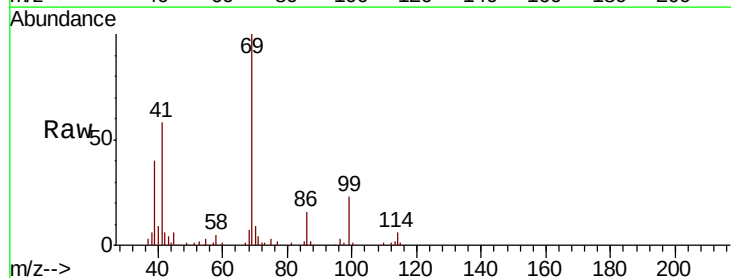
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



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

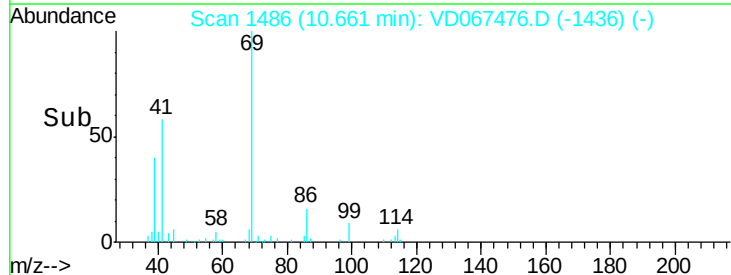
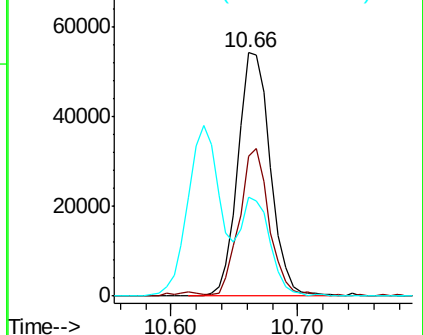


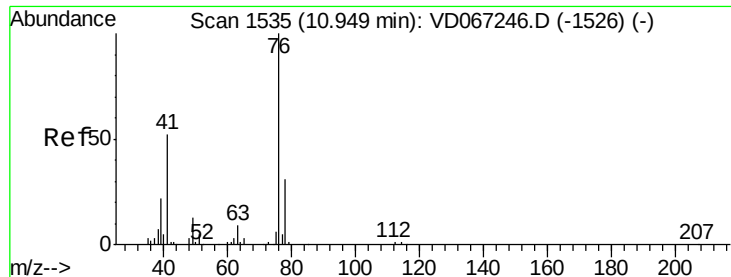
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#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 :

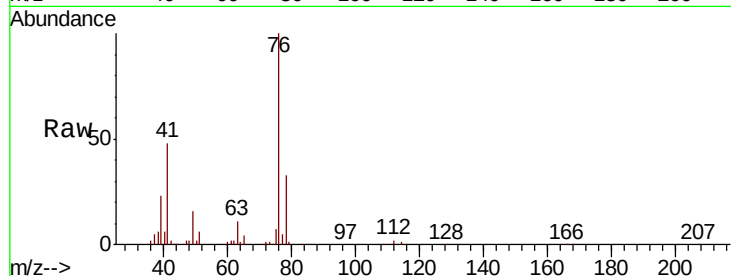
B308-B309-LOC2-SO-0003MSD

Tot Ion: 76 Resp: 153566

Ion Ratio Lower Upper

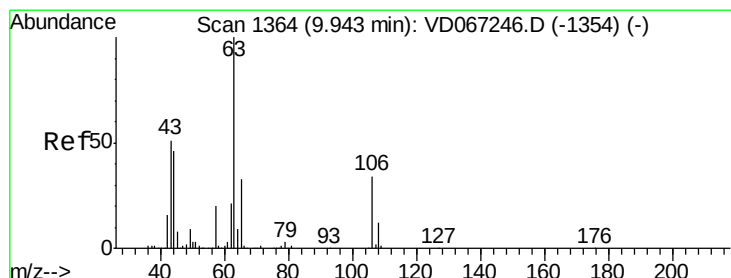
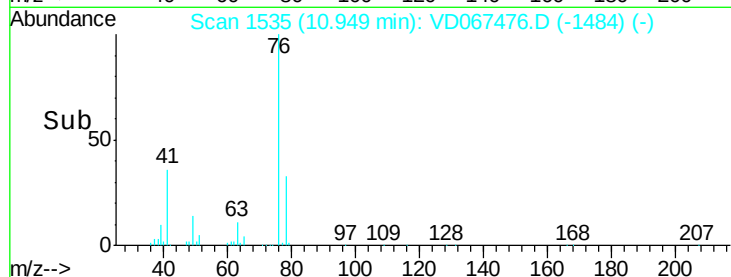
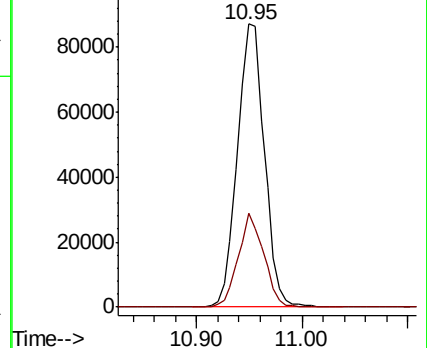
76 100

78 31.2 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#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

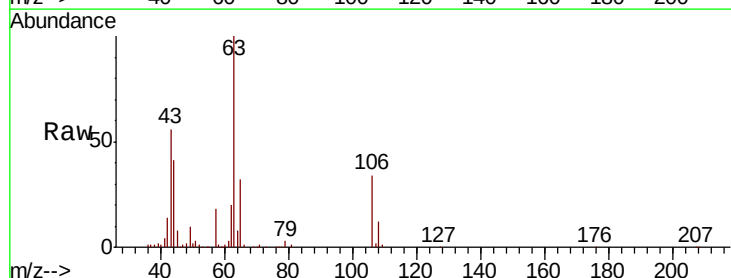
Acq: 30 Oct 2020 17:04

Tgt Ion: 63 Resp: 255771

Ion Ratio Lower Upper

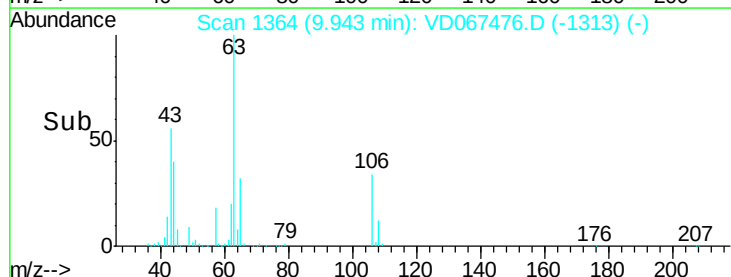
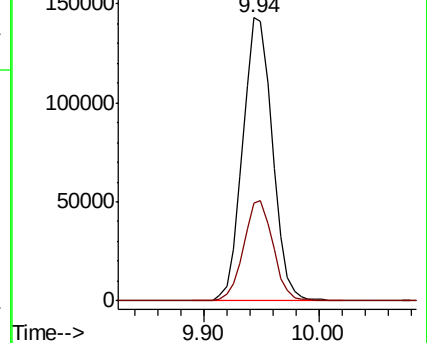
63 100

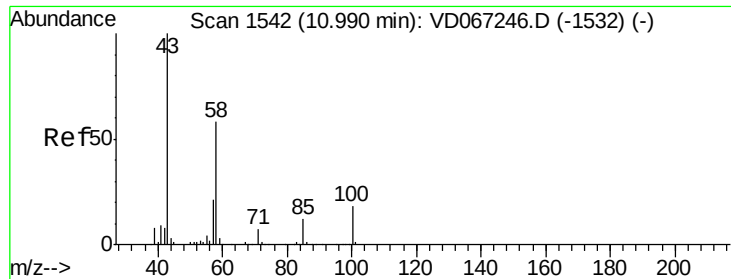
106 35.1 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

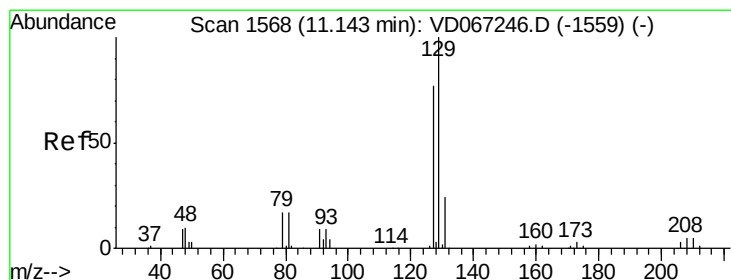
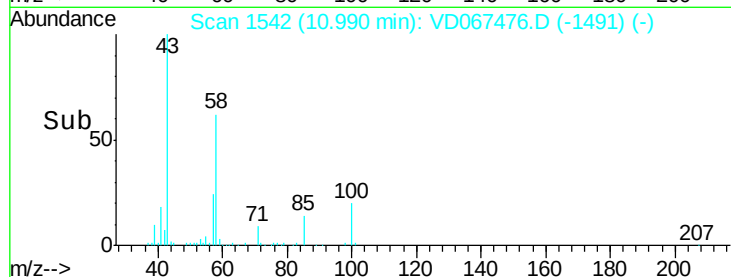
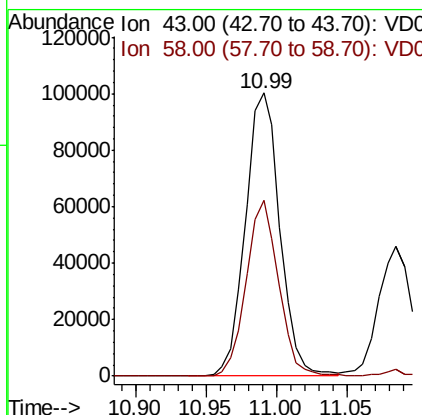
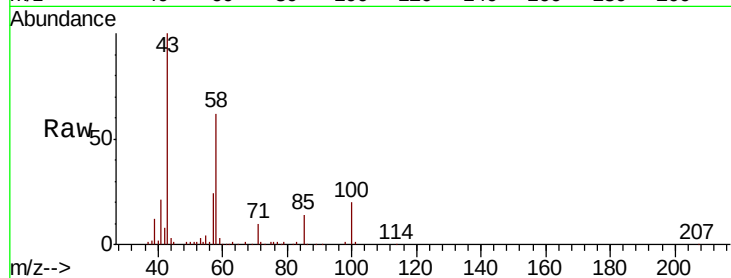




#59
2-Hexanone
Concen: 251.136 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

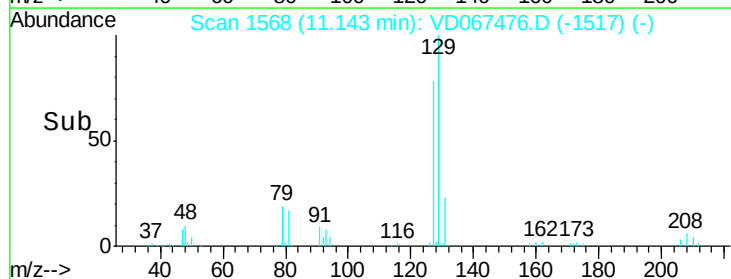
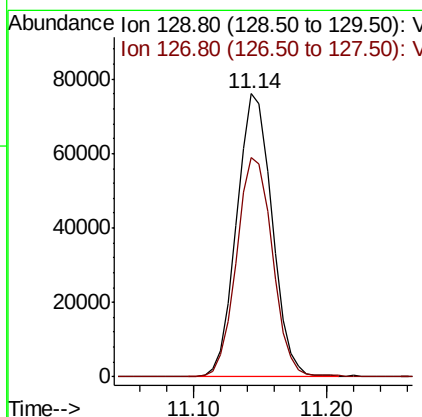
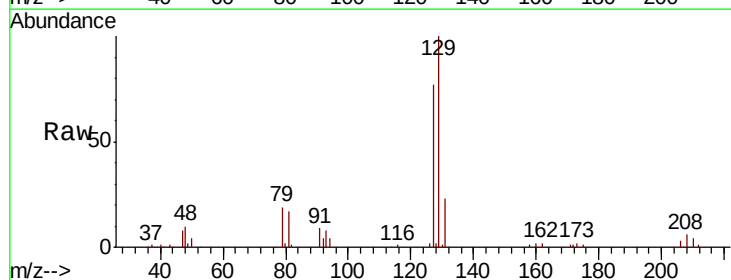
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

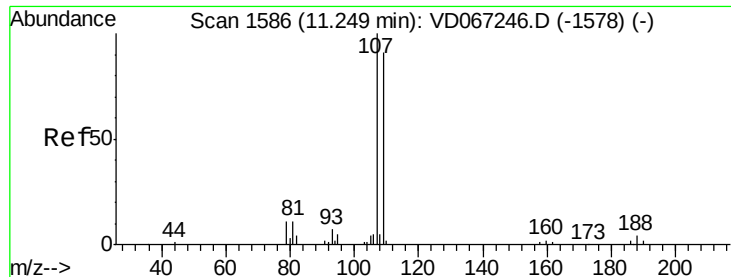
Tot Ion: 43 Resp: 171831
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#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: 129 Resp: 139820
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 :

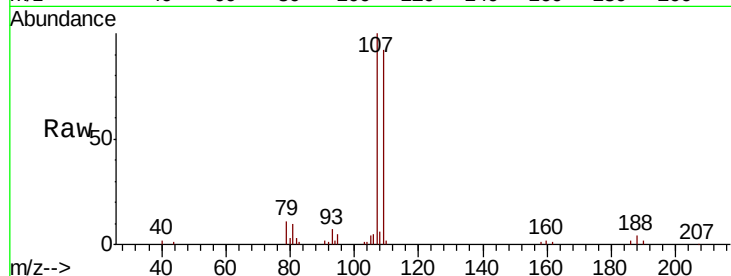
B308-B309-LOC2-SO-0003MSD

Tot Ion:107 Resp: 90996

Ion Ratio Lower Upper

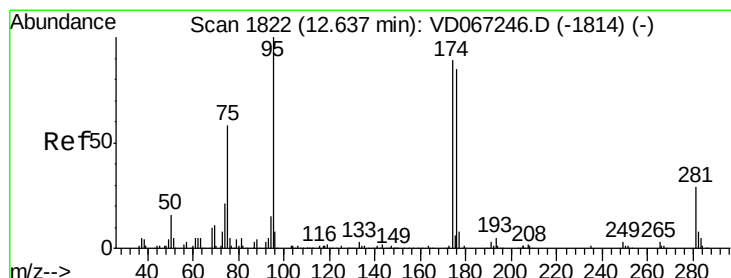
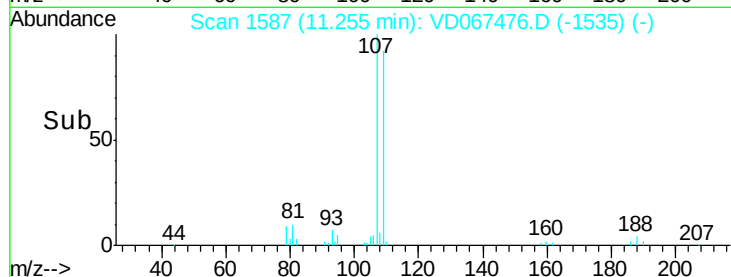
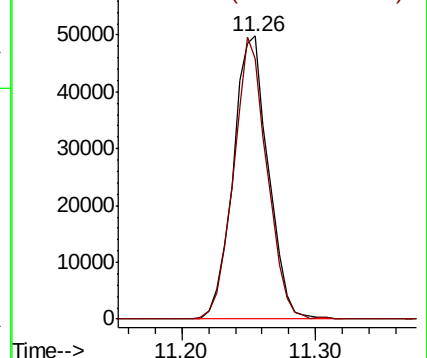
107 100

109 94.5 74.6 112.0



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

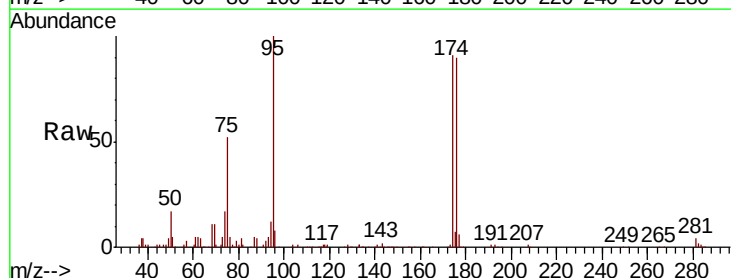
Tgt Ion: 95 Resp: 180148

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.2

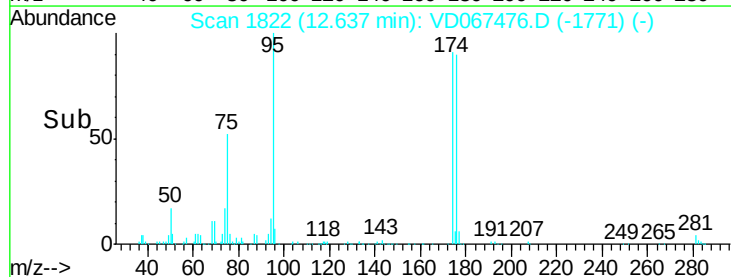
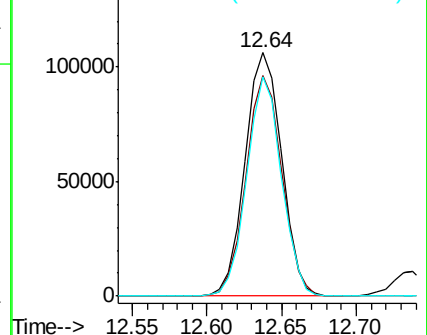
176 85.0 0.0 168.6

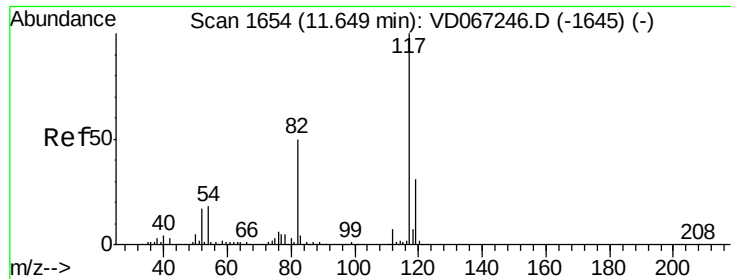


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

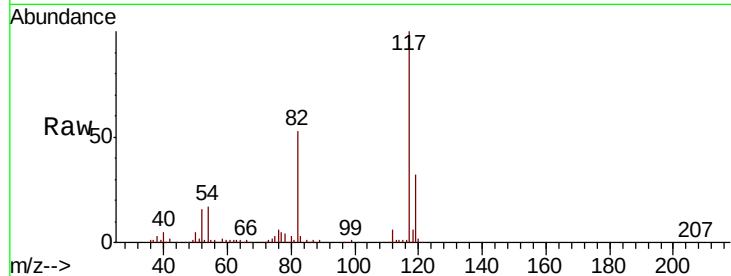




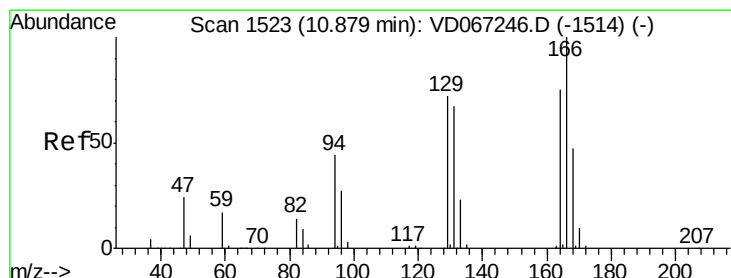
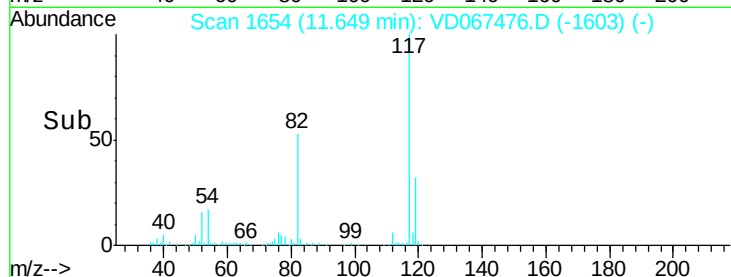
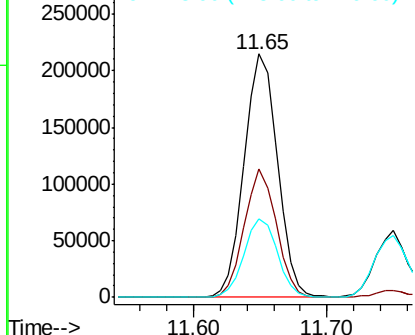
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

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

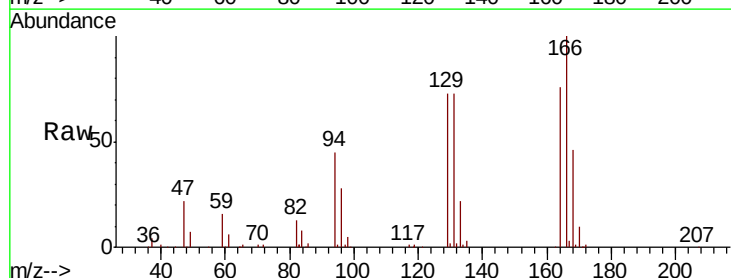


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

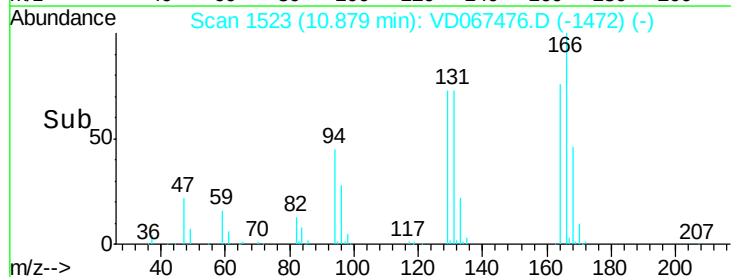
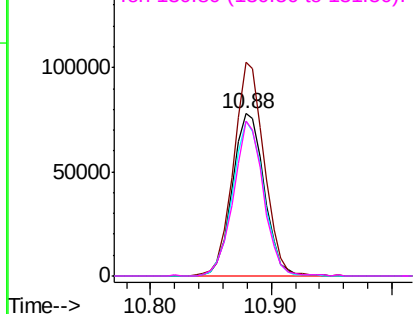


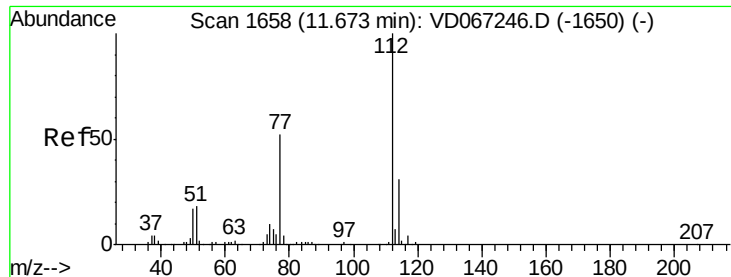
#64
Tetrachloroethene
Concen: 53.058 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

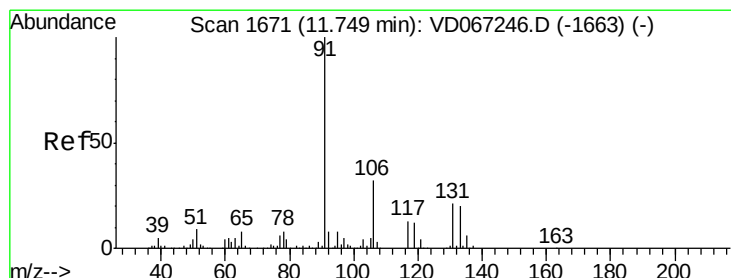
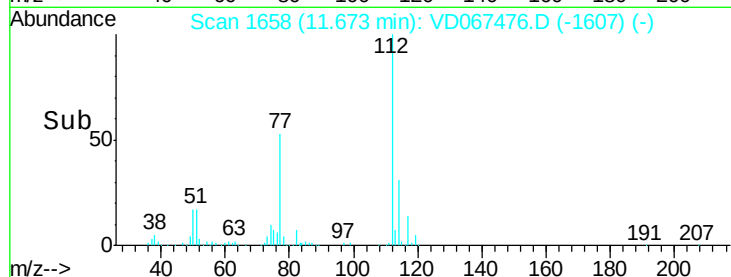
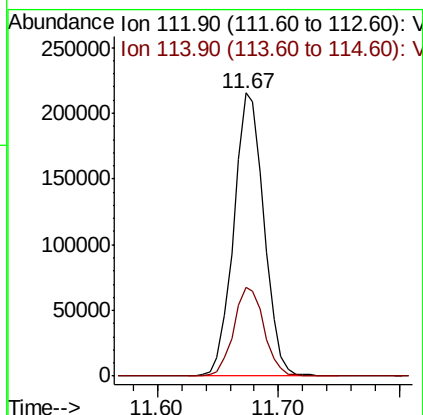
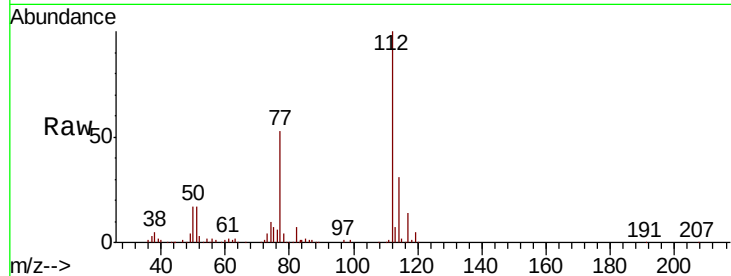




#65
Chlorobenzene
Concen: 52.879 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

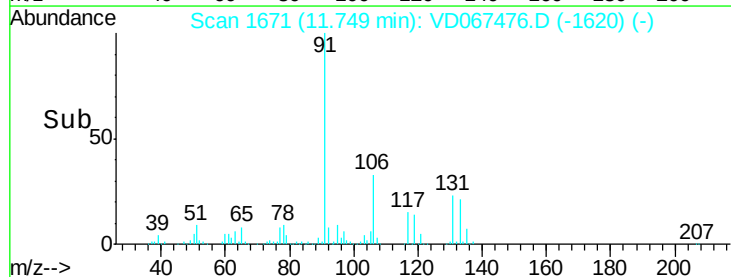
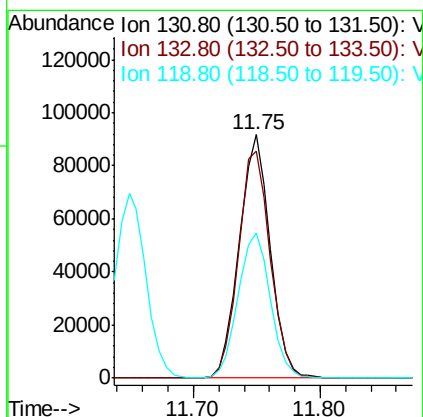
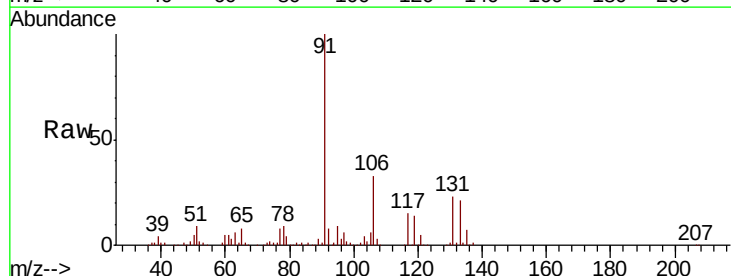
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

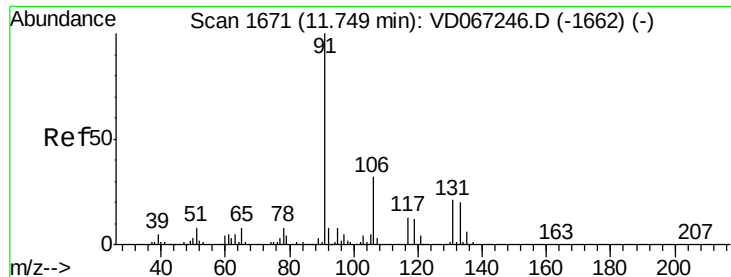
Tot Ion:112 Resp: 375684
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#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 :

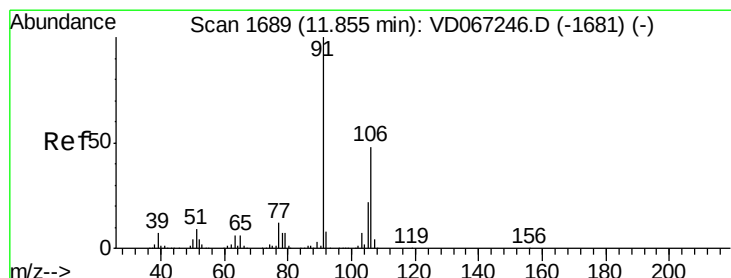
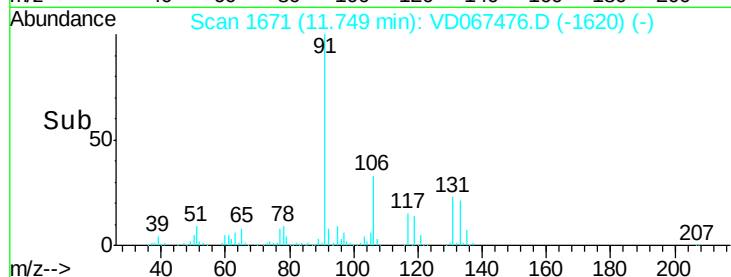
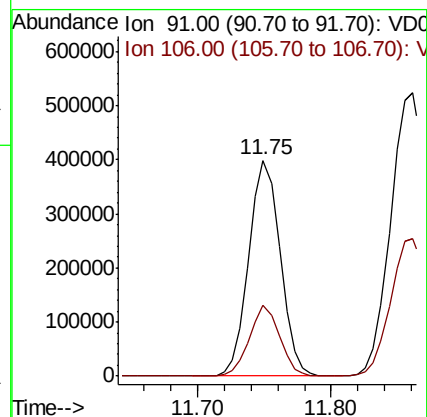
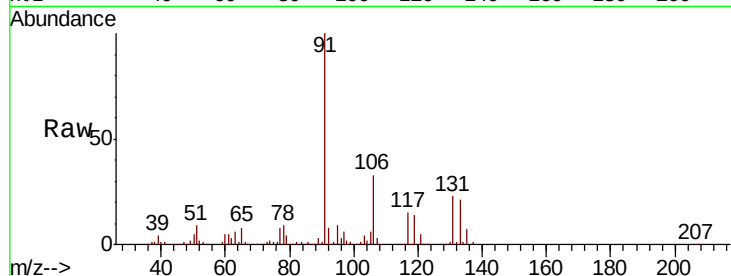
B308-B309-LOC2-SO-0003MSD

Tot Ion: 91 Resp: 650382

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.0



#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

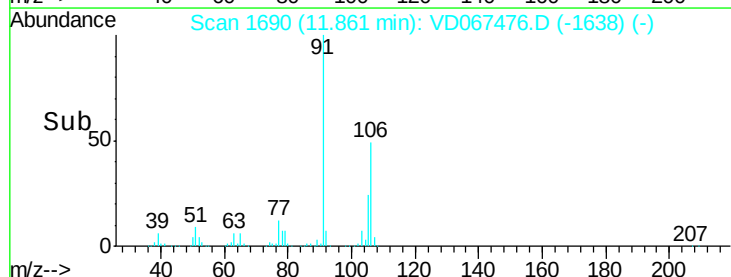
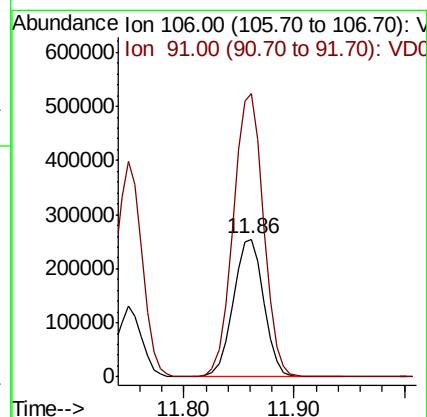
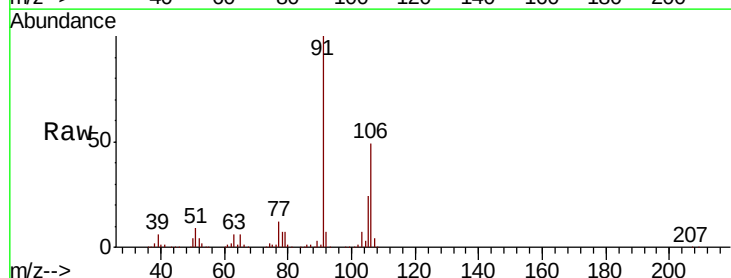
Acq: 30 Oct 2020 17:04

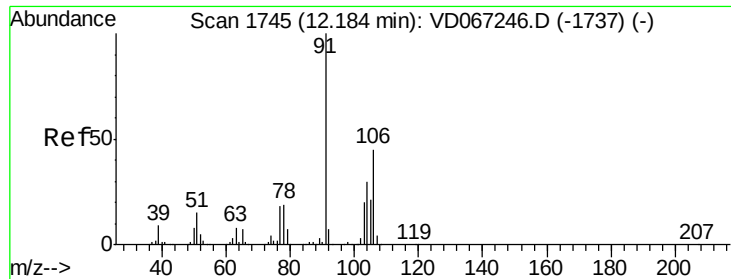
Tgt Ion: 106 Resp: 494275

Ion Ratio Lower Upper

106 100

91 203.9 163.8 245.8

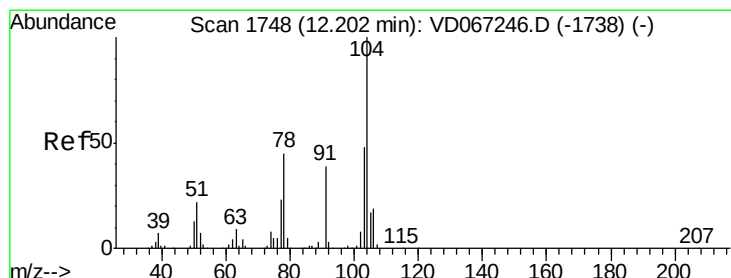
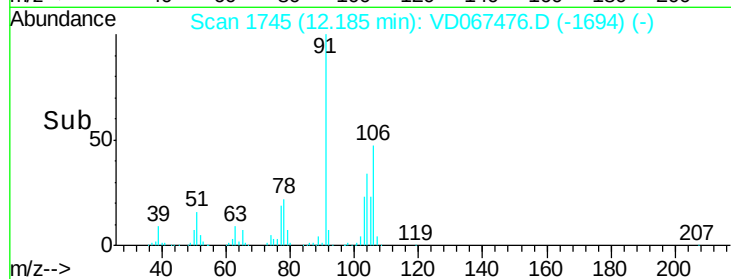
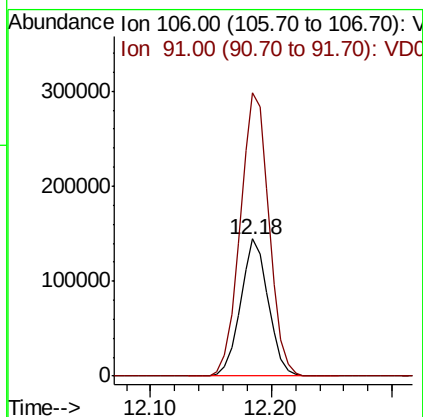
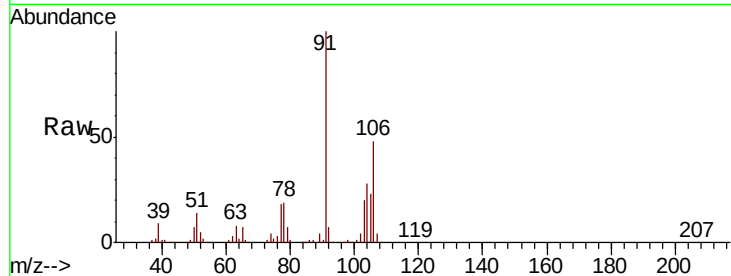




#69
o-Xylene
Concen: 53.242 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

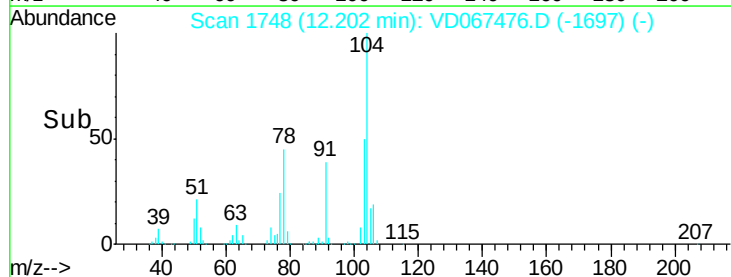
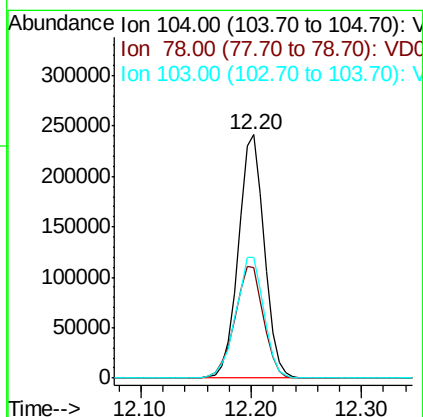
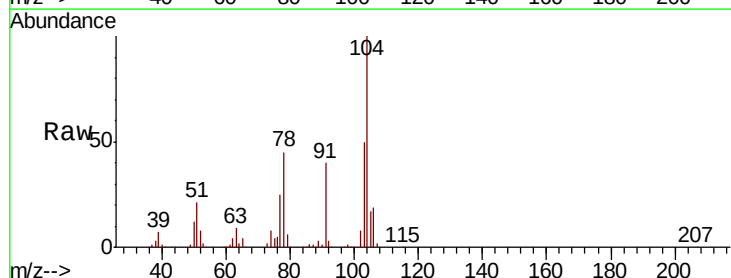
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

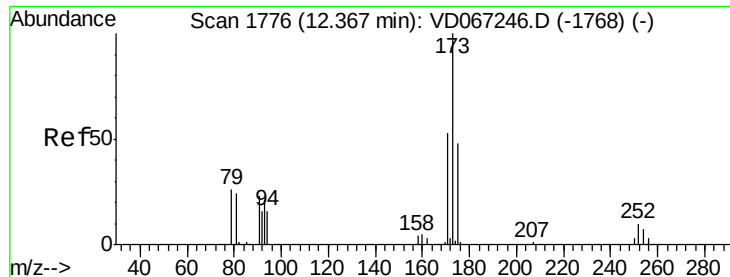
Tot Ion:106 Resp: 231220
Ion Ratio Lower Upper
106 100
91 214.2 109.1 327.3



#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:104 Resp: 398876
Ion Ratio Lower Upper
104 100
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

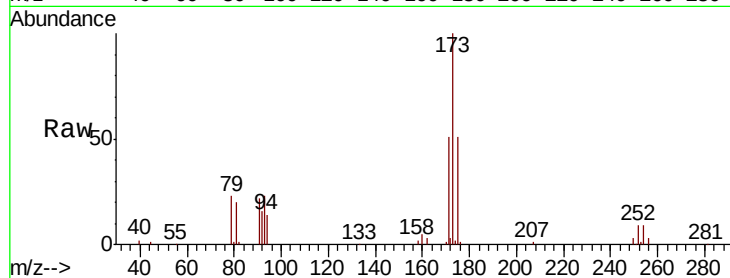
Tot Ion:173 Resp: 78666

Ion Ratio Lower Upper

173 100

175 51.1 24.2 72.6

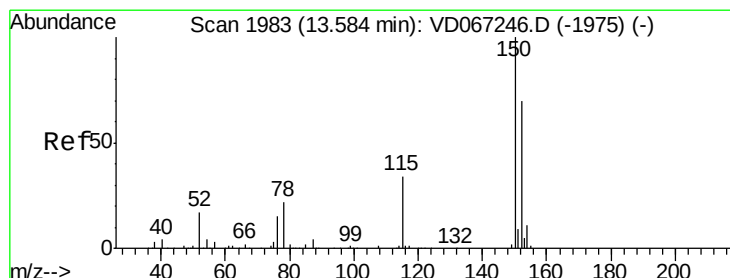
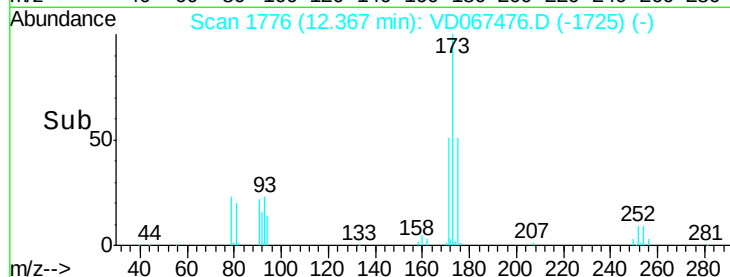
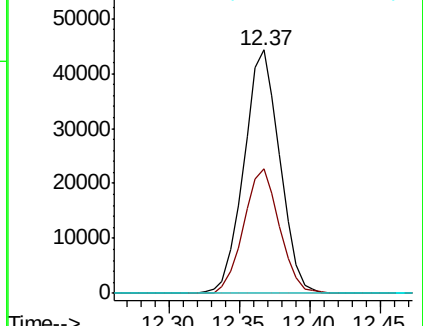
254 0.0 0.1 0.1#



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

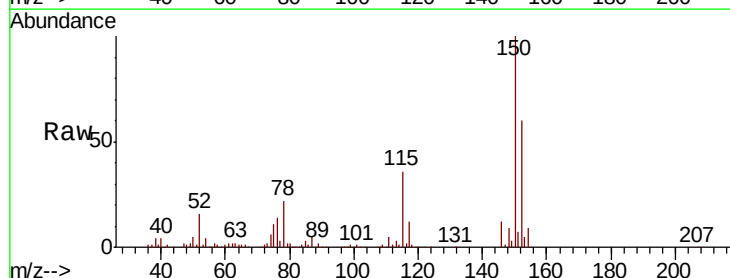
Tgt Ion:152 Resp: 178272

Ion Ratio Lower Upper

152 100

115 60.3 29.3 87.9

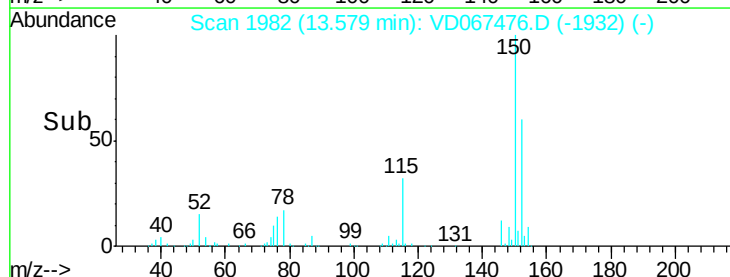
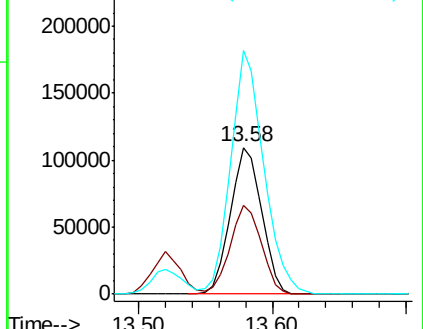
150 176.3 0.0 339.0

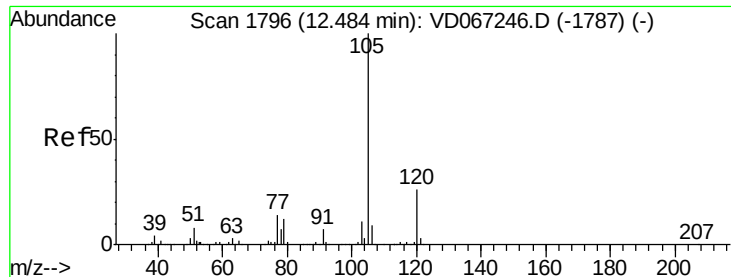


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

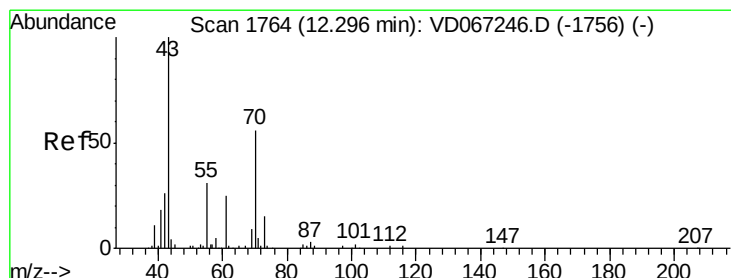
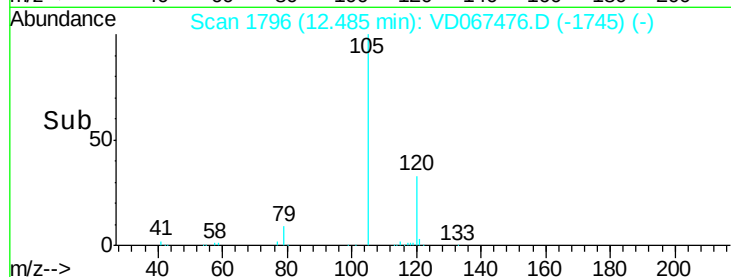
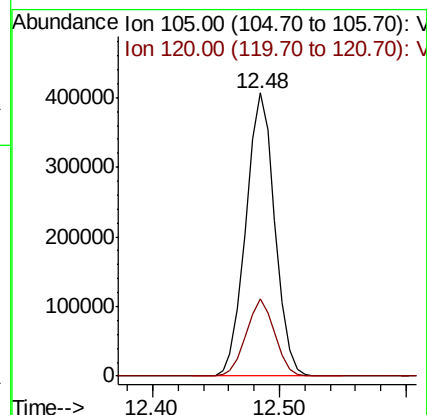
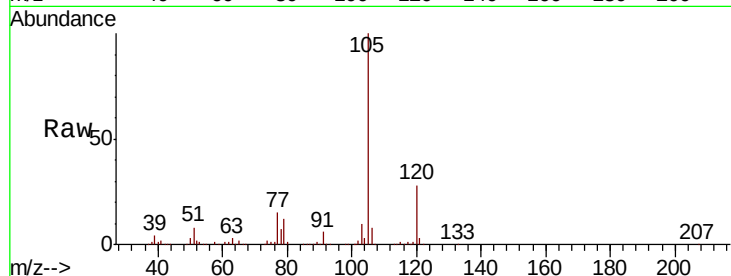
B308-B309-LOC2-SO-0003MSD

Tot Ion:105 Resp: 642311

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#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: 43 Resp: 77981

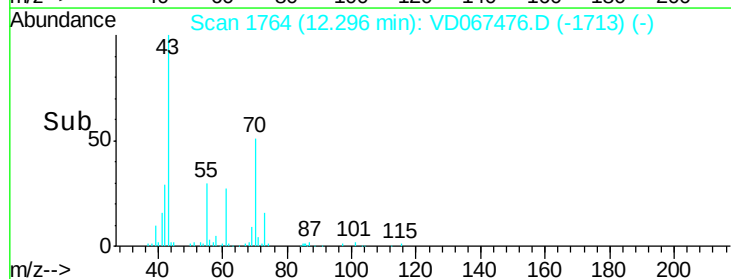
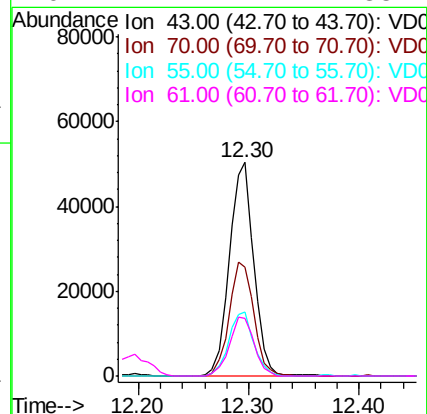
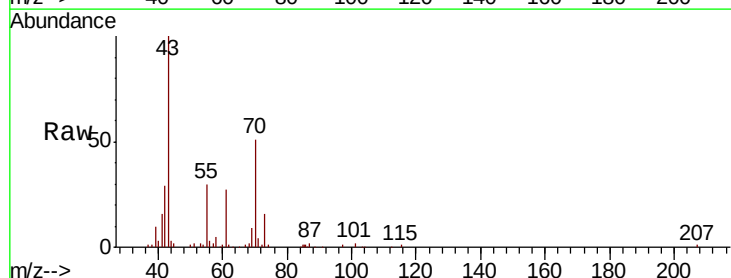
Ion Ratio Lower Upper

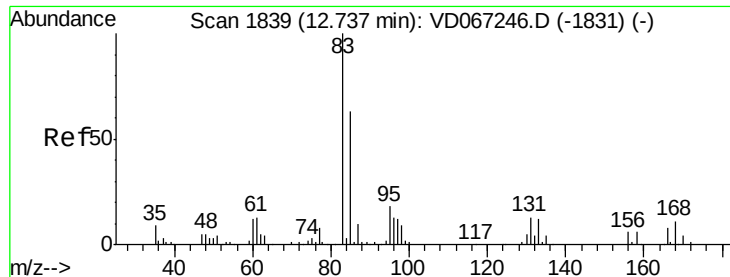
43 100

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

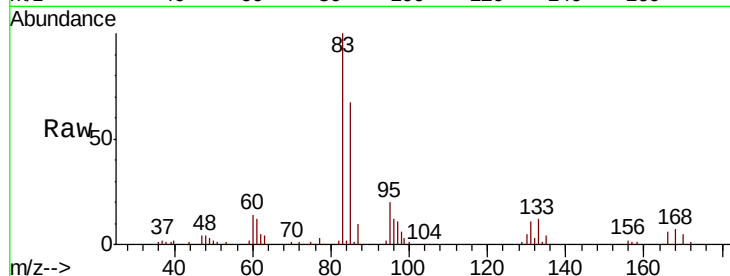
Tot Ion: 83 Resp: 90828

Ion Ratio Lower Upper

83 100

131 13.6 6.5 19.5

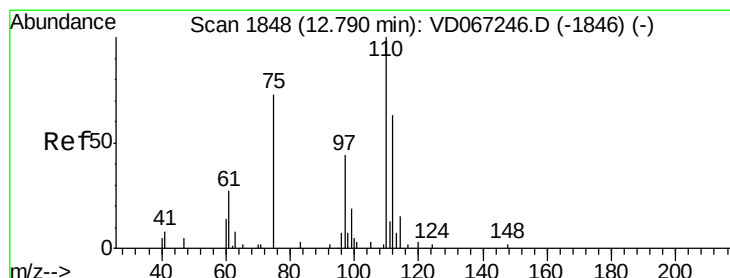
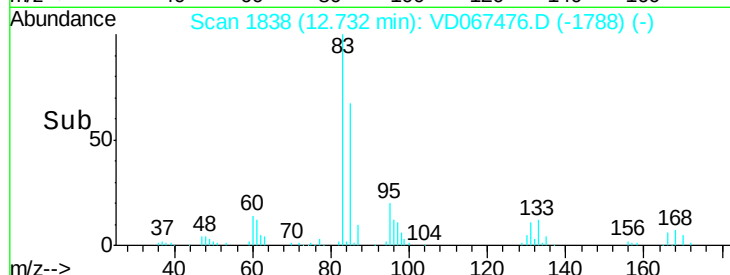
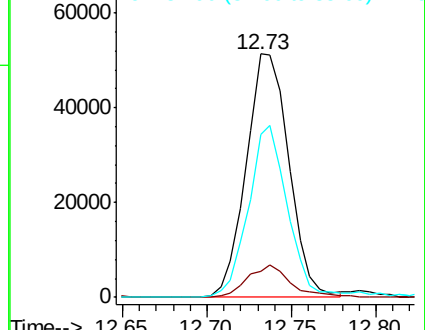
85 64.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 99.304 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067476.D

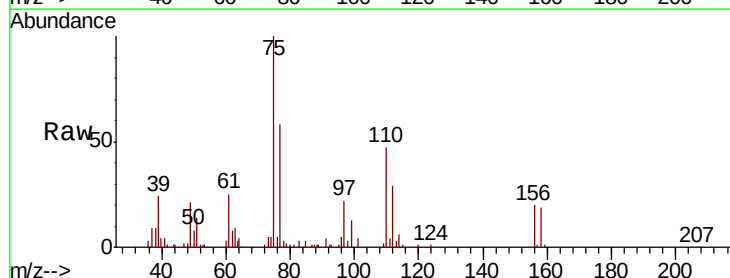
Acq: 30 Oct 2020 17:04

Tgt Ion: 75 Resp: 122700

Ion Ratio Lower Upper

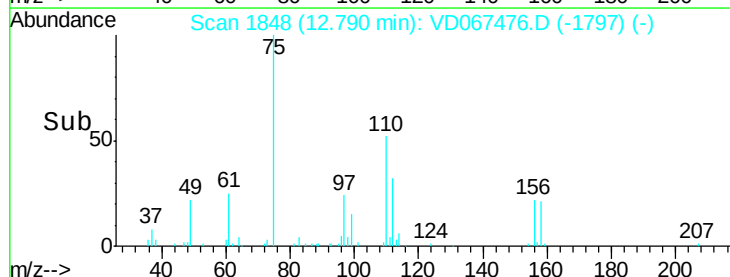
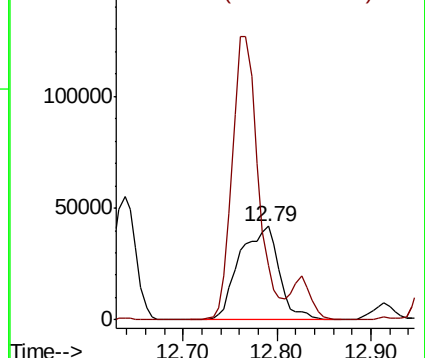
75 100

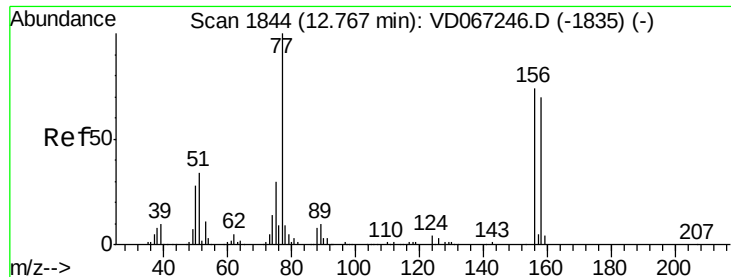
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#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

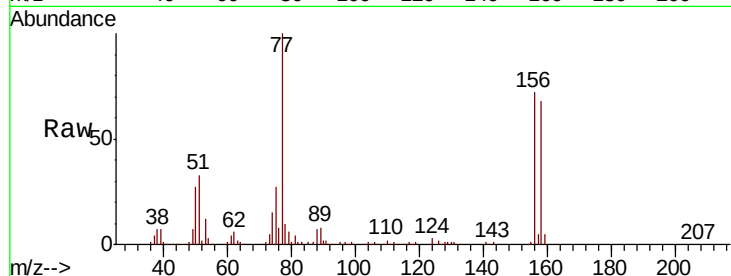
Tot Ion:156 Resp: 156990

Ion Ratio Lower Upper

156 100

77 156.4 78.0 233.8

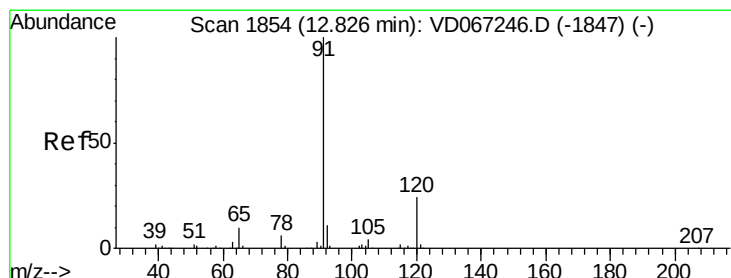
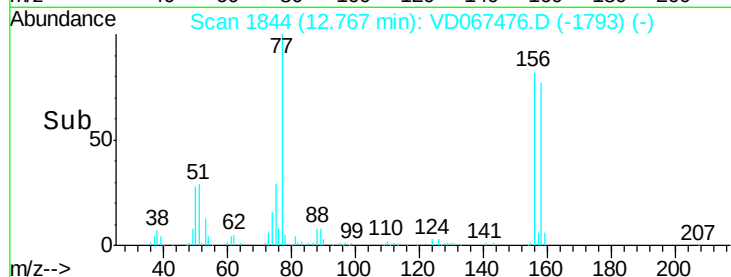
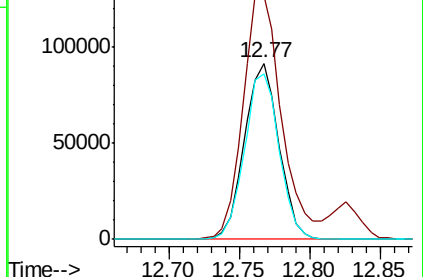
158 94.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.444 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067476.D

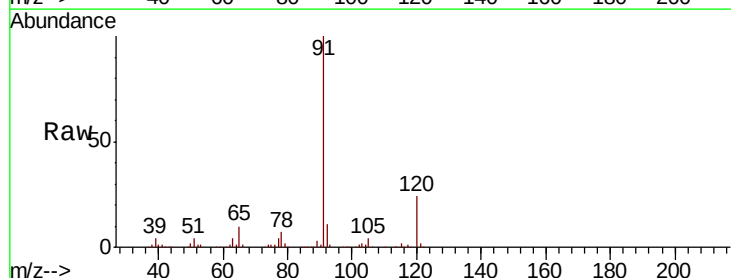
Acq: 30 Oct 2020 17:04

Tgt Ion: 91 Resp: 713705

Ion Ratio Lower Upper

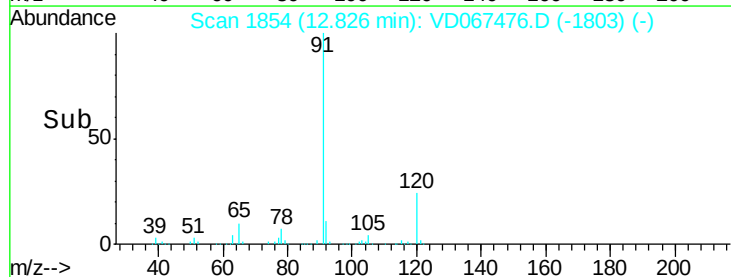
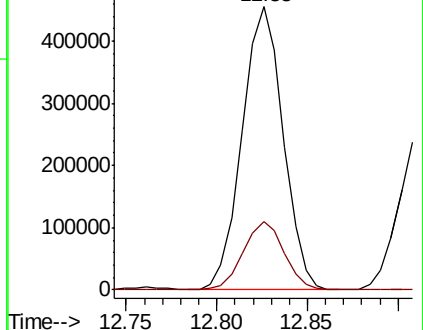
91 100

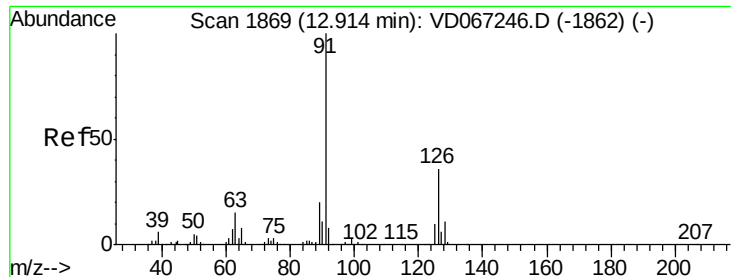
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 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 :

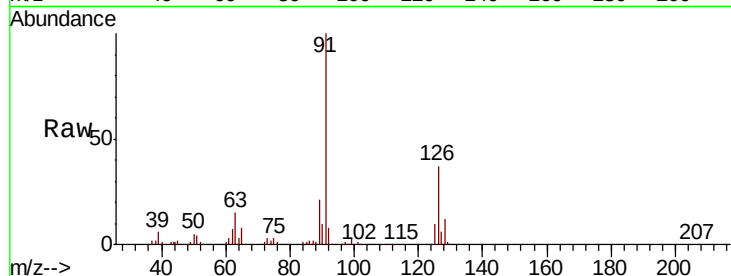
B308-B309-LOC2-SO-0003MSD

Tot Ion: 91 Resp: 426517

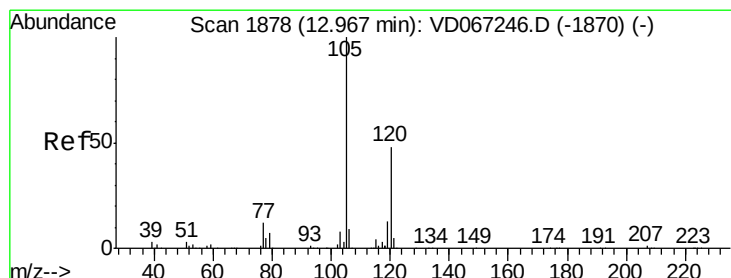
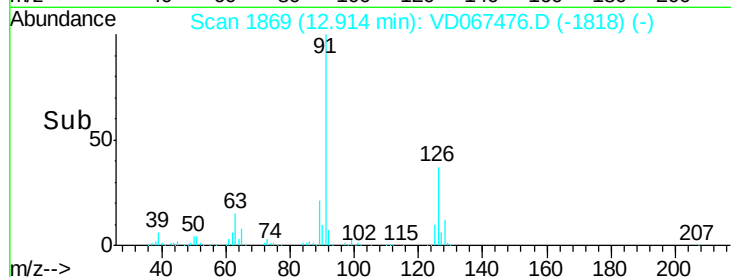
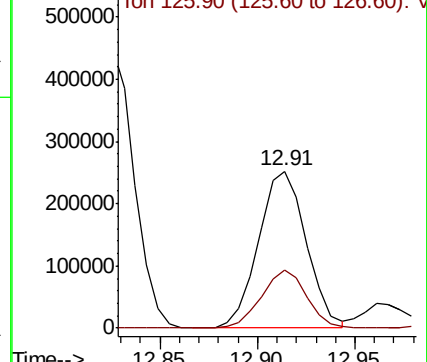
Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



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

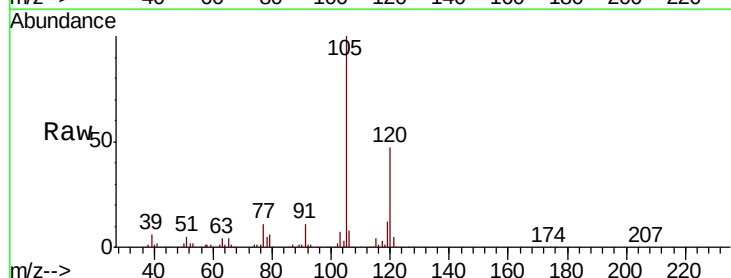
Acq: 30 Oct 2020 17:04

Tgt Ion: 105 Resp: 552193

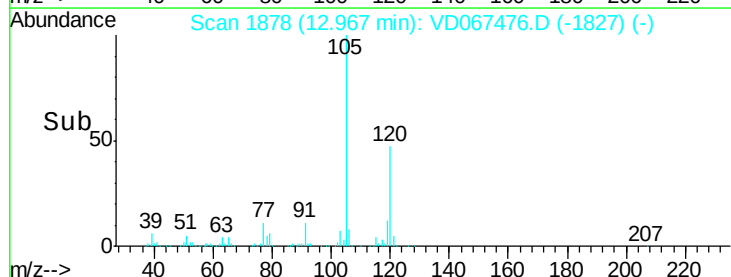
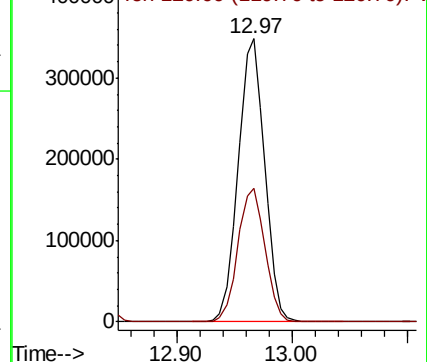
Ion Ratio Lower Upper

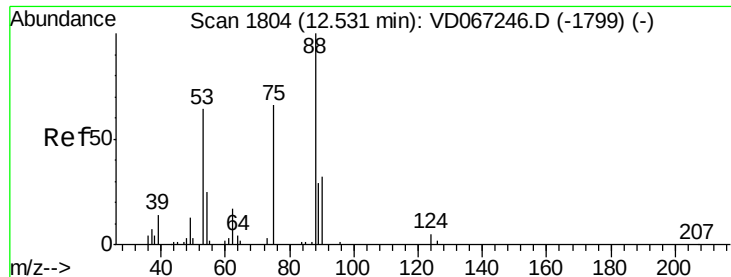
105 100

120 48.1 24.3 72.8



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

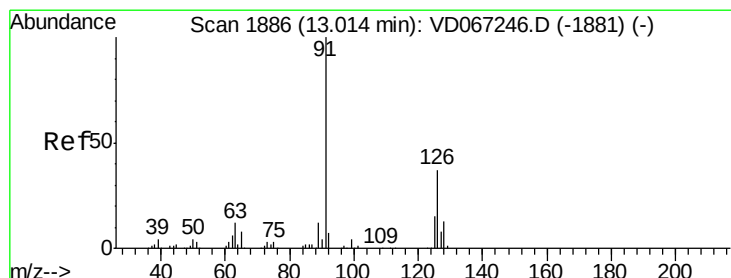
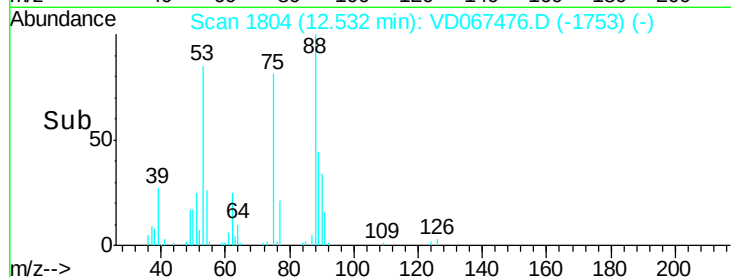
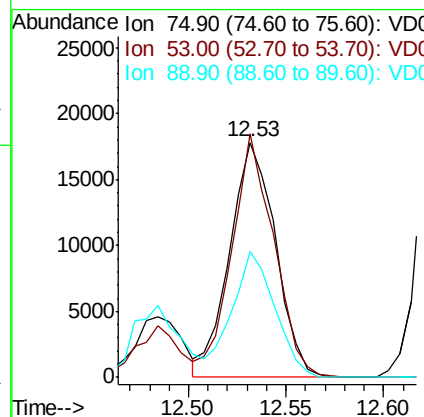
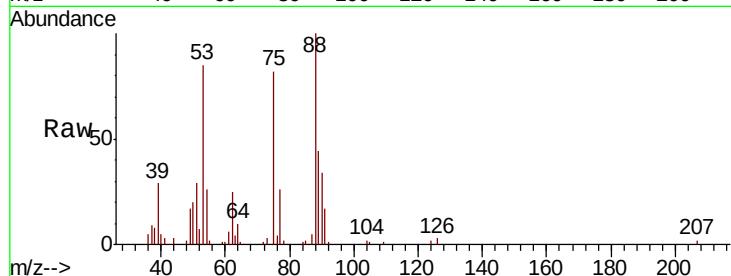




#81
trans-1,4-Dichloro-2-butene
Concen: 53.331 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

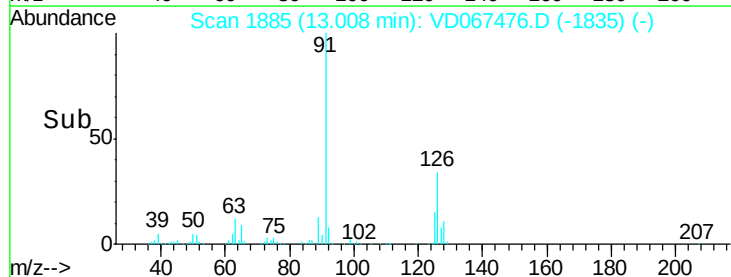
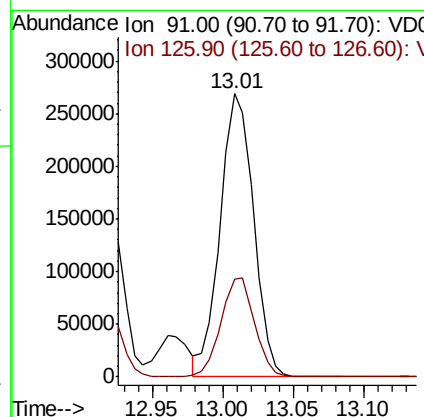
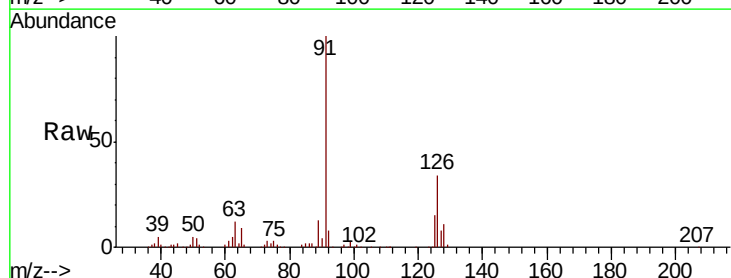
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

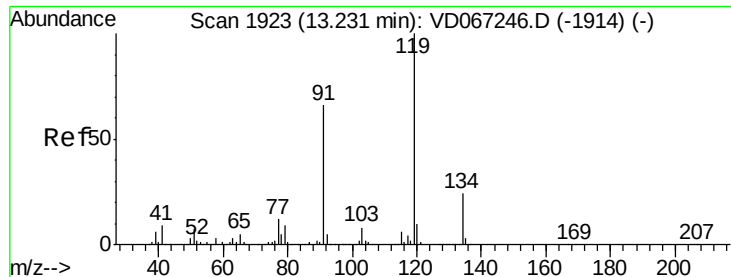
Tot Ion: 75 Resp: 29058
Ion Ratio Lower Upper
75 100
53 95.0 78.5 117.7
89 50.2 39.9 59.9



#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: 91 Resp: 442119
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.5

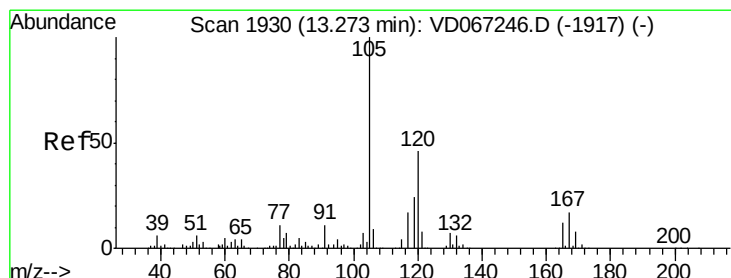
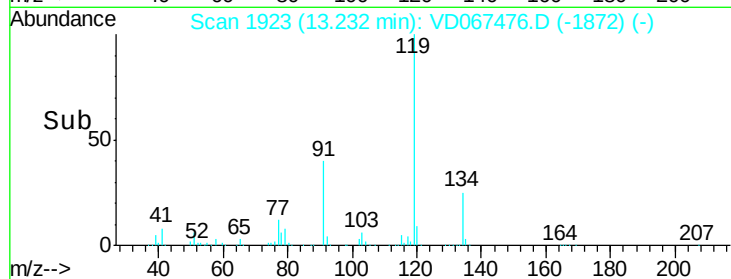
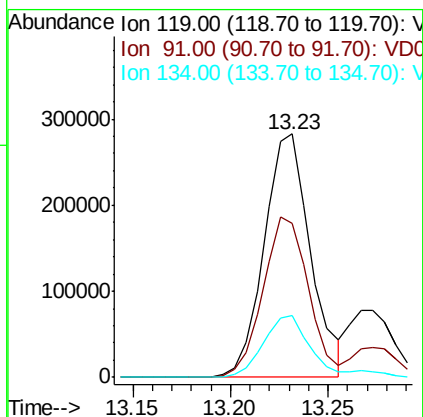
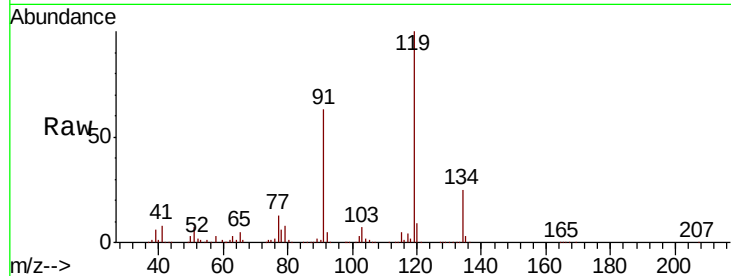




#83
 tert-Butylbenzene
 Concen: 56.068 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

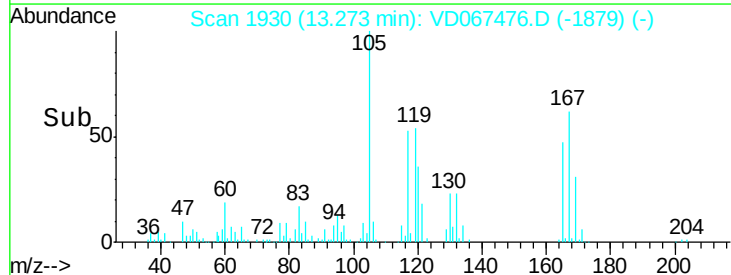
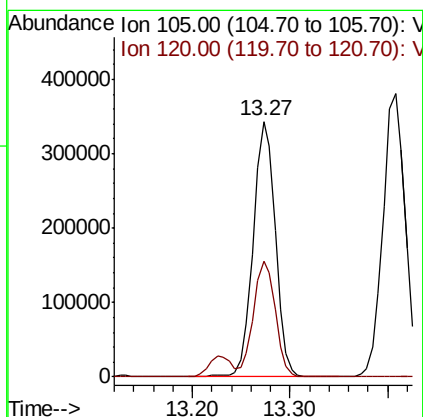
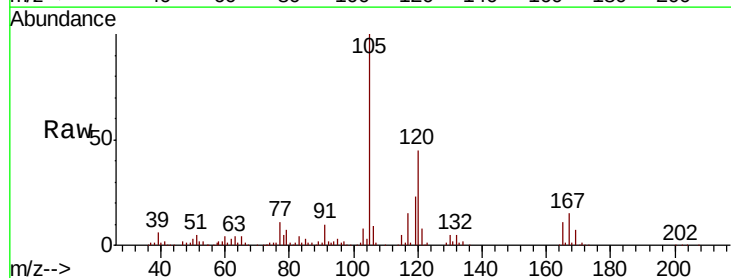
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

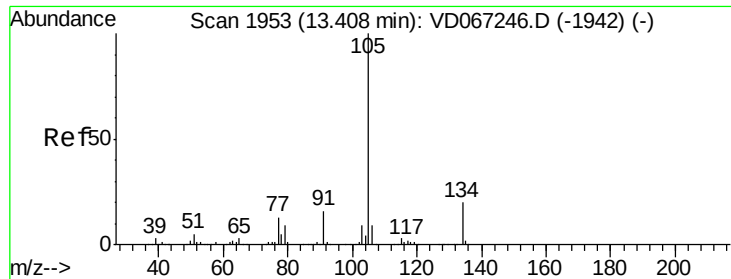
Tot Ion:119 Resp: 465662
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.1 99.2
 134 26.9 13.3 39.9



#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:105 Resp: 544007
 Ion Ratio Lower Upper
 105 100
 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 :

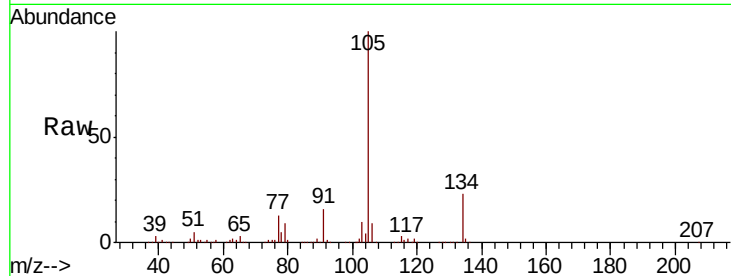
B308-B309-LOC2-SO-0003MSD

Tot Ion:105 Resp: 604676

Ion Ratio Lower Upper

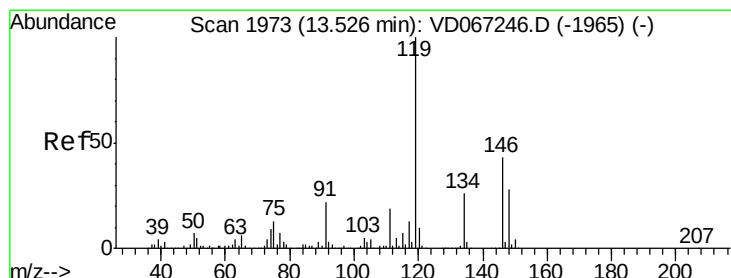
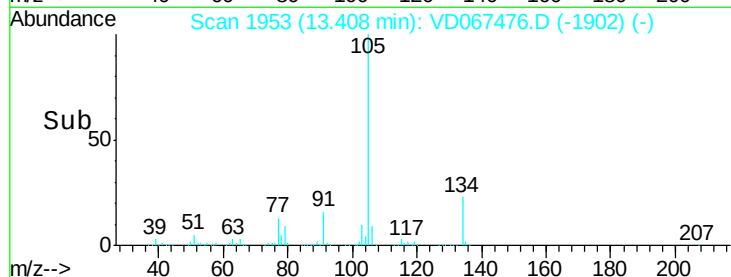
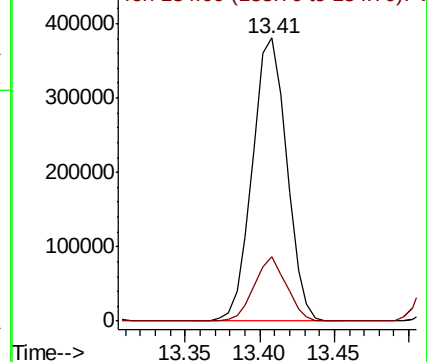
105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

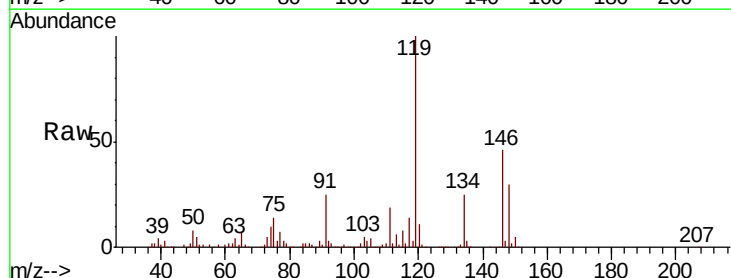
Tgt Ion:119 Resp: 579805

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

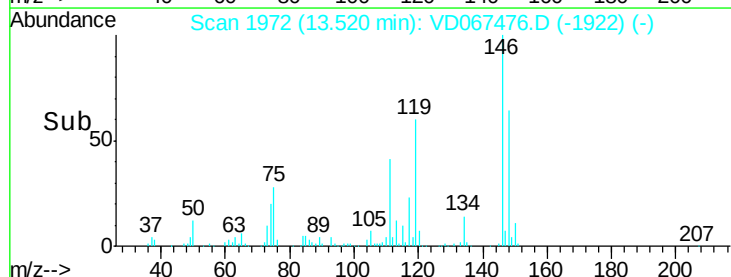
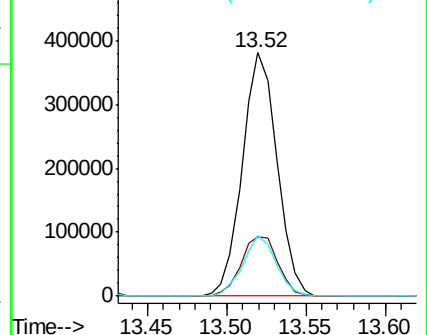
91 23.5 11.9 35.9

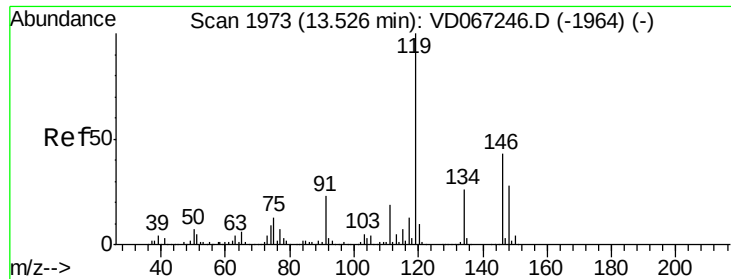


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

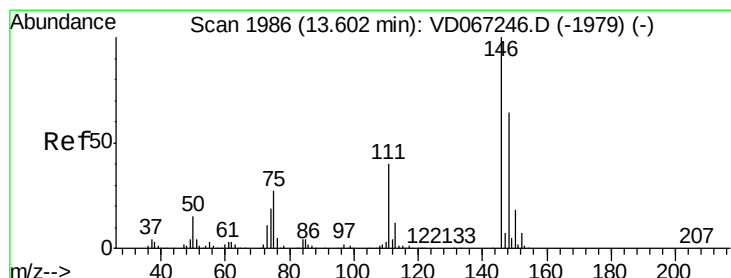
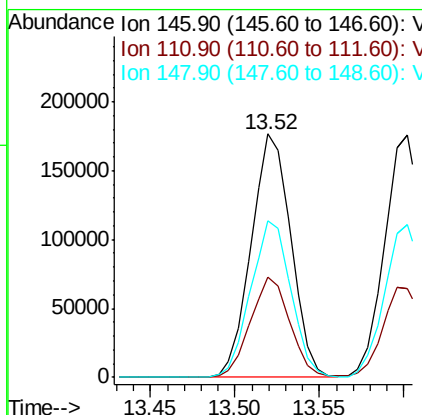
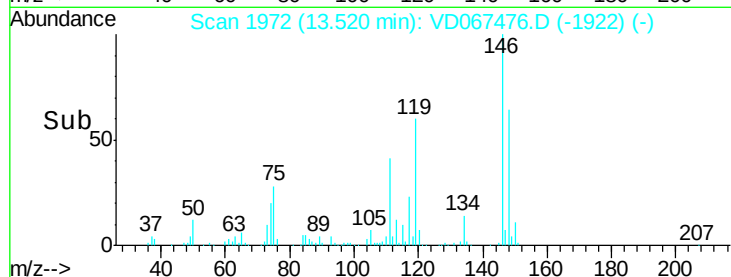
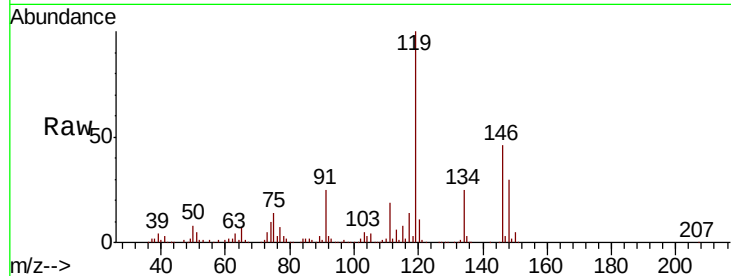




#87
 1,3-Dichlorobenzene
 Concen: 53.337 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

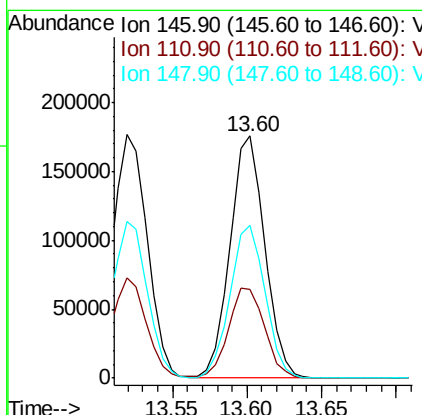
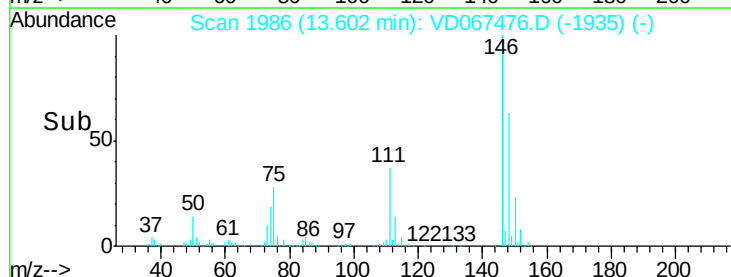
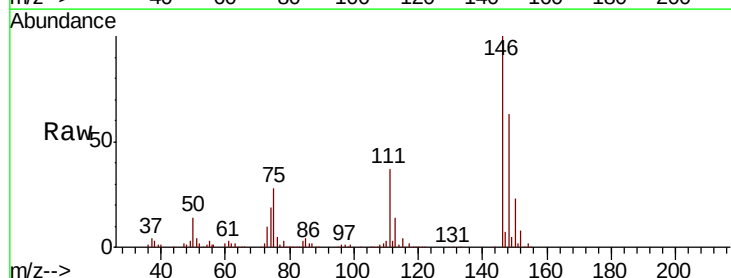
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

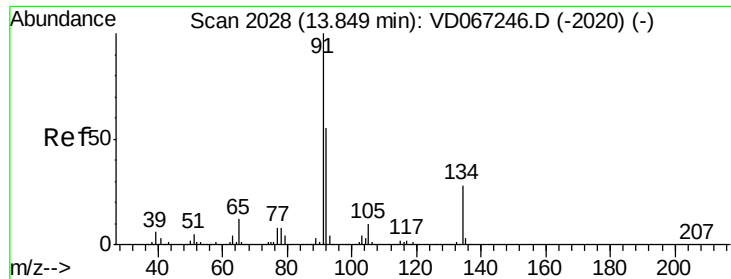
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.3
148	65.0	31.9	95.9



#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	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.7
148	63.8	31.9	95.9

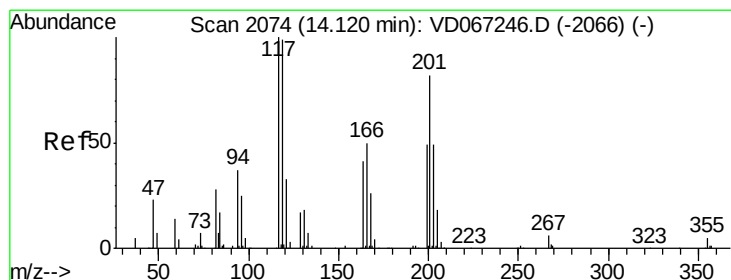
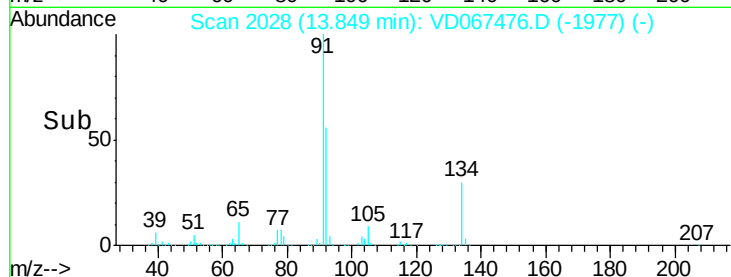
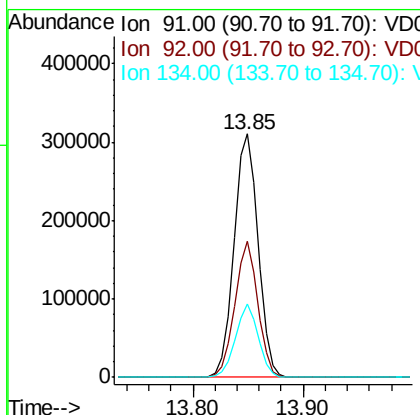
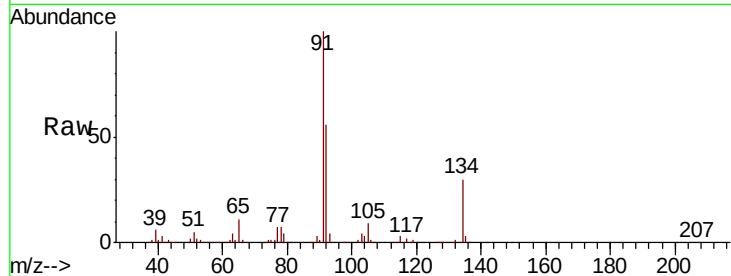




#89
n-Butylbenzene
Concen: 50.158 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

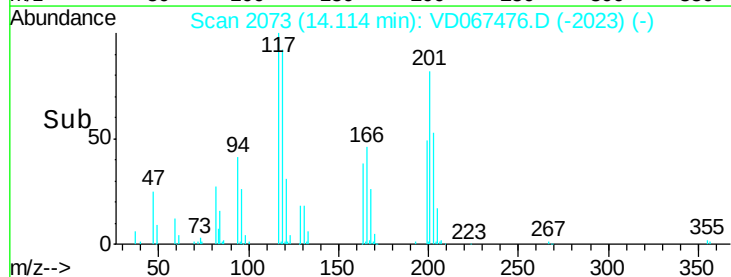
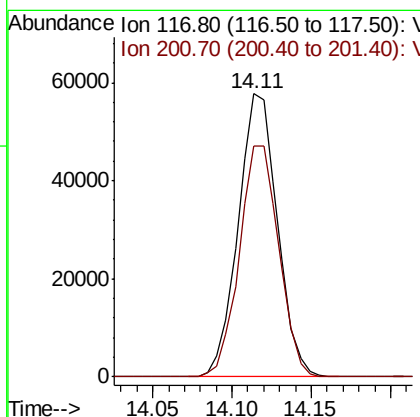
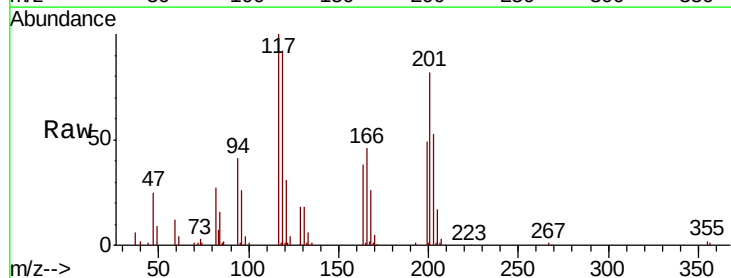
Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC2-SO-0003MSD

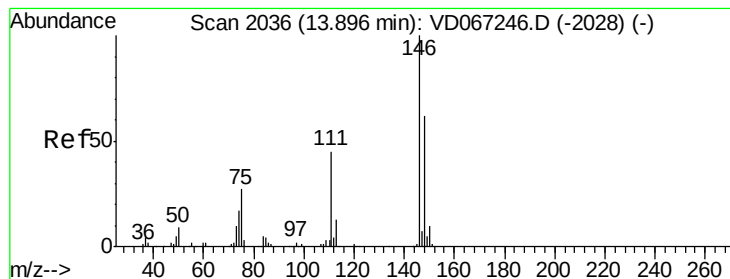
Tot Ion: 91 Resp: 474639
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 28.7 14.2 42.6



#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: 117 Resp: 98842
Ion Ratio 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

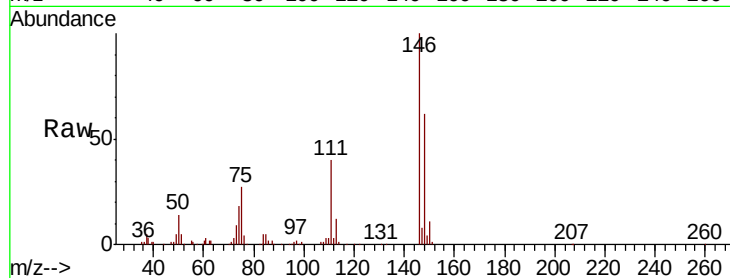
Tot Ion:146 Resp: 255334

Ion Ratio Lower Upper

146 100

111 40.7 22.0 66.0

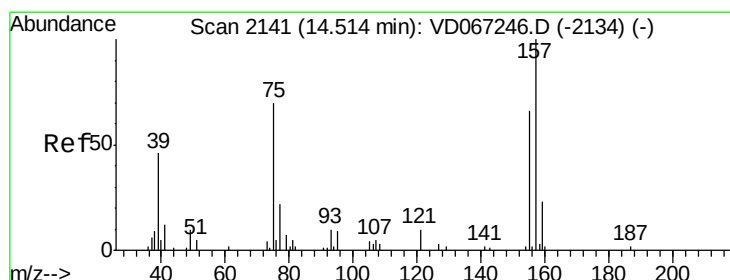
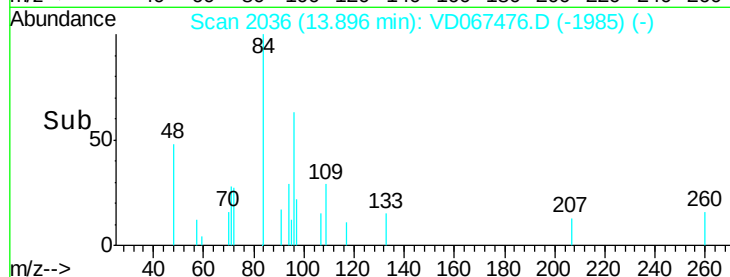
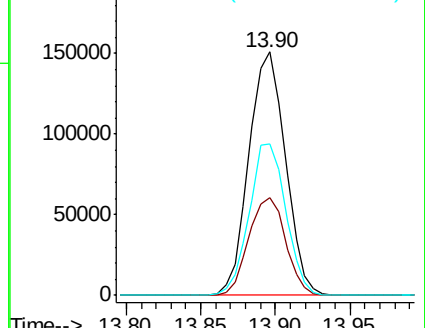
148 62.6 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

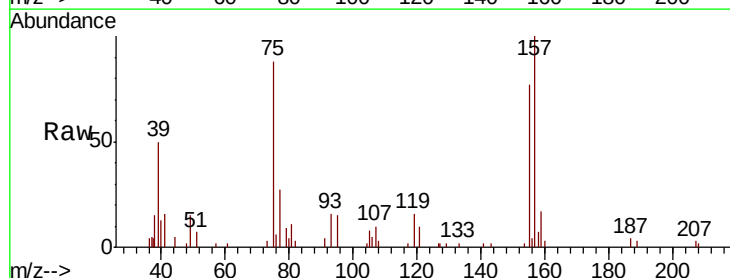
Tgt Ion: 75 Resp: 15798

Ion Ratio Lower Upper

75 100

155 86.7 44.8 134.4

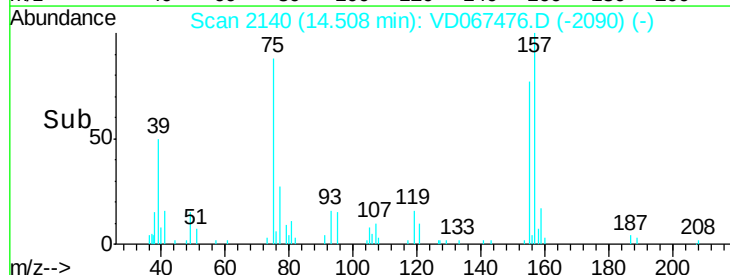
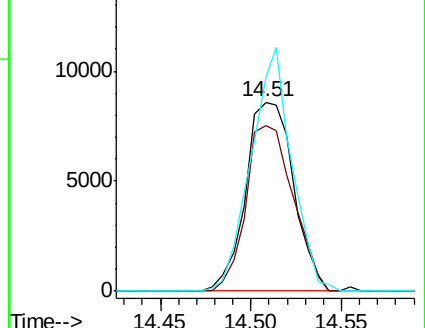
157 109.8 62.5 187.4

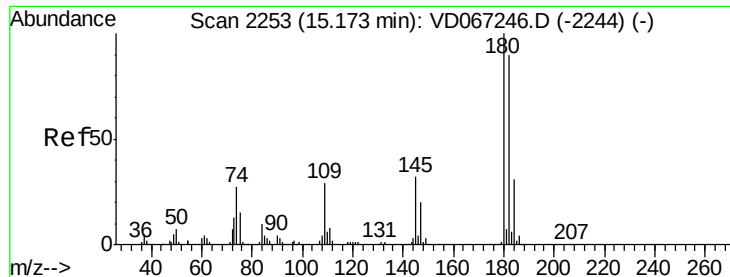


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

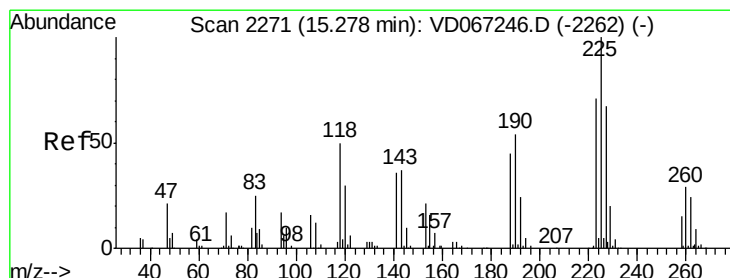
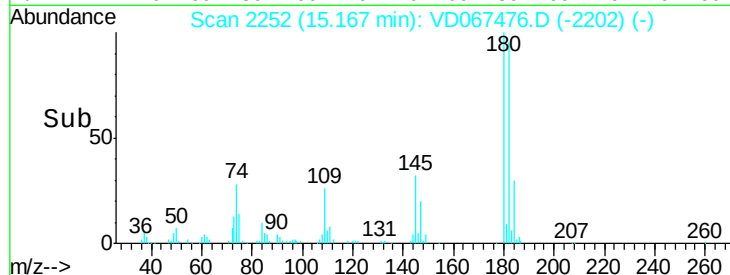
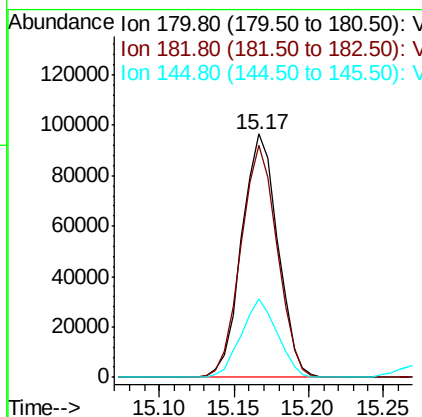
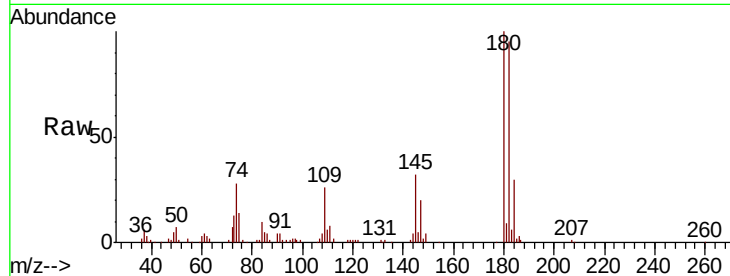




#93
 1,2,4-Trichlorobenzene
 Concen: 50.589 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067476.D
 Acq: 30 Oct 2020 17:04

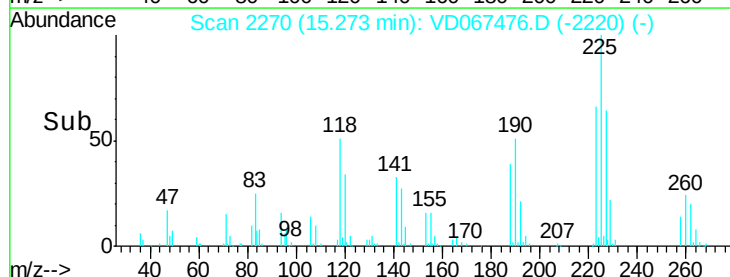
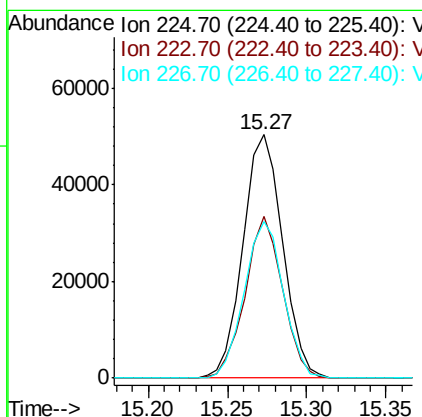
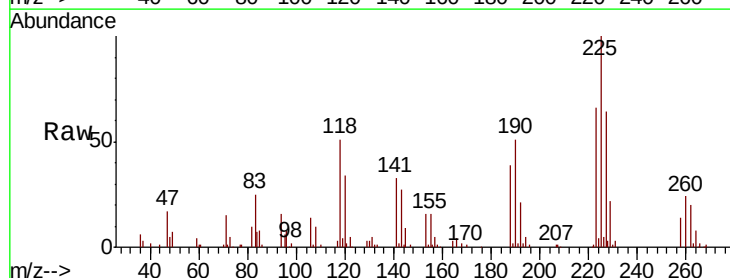
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC2-SO-0003MSD

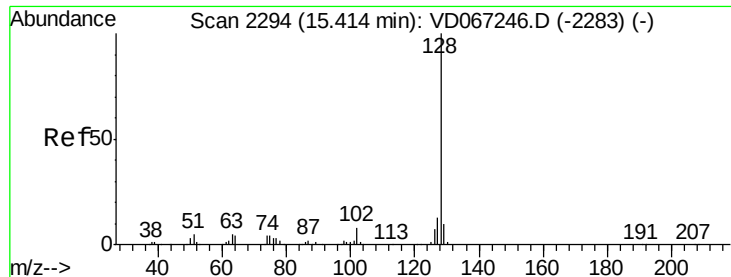
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	32.2	16.3	48.9



#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	Lower	Upper
225	100		
223	62.5	31.9	95.7
227	63.7	31.2	93.6

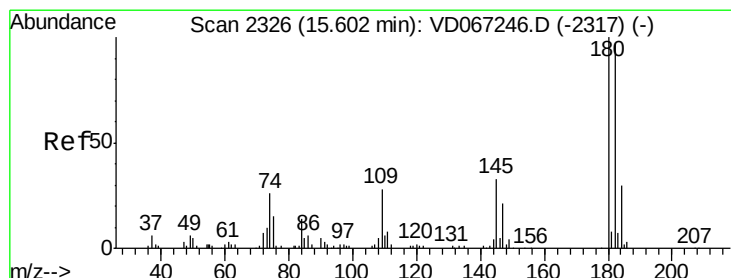
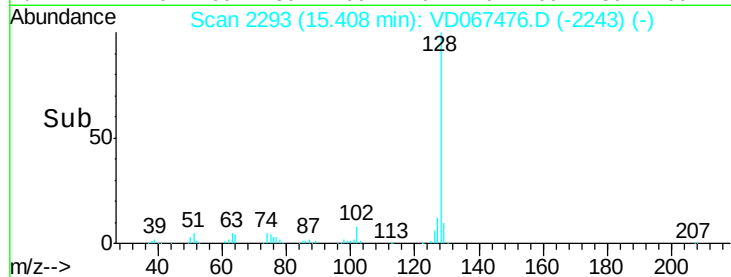
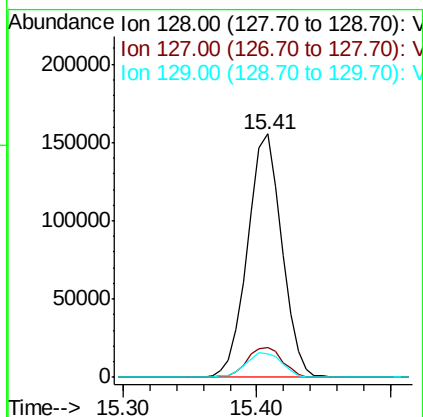
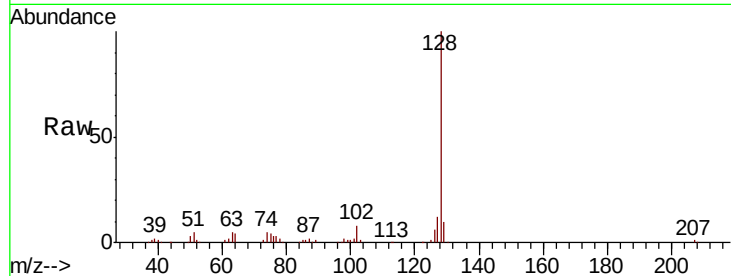




#95
Naphthalene
Concen: 52.495 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067476.D
Acq: 30 Oct 2020 17:04

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

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



#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	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	34.1	17.3	51.9

