

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
 Data File : VD067246.D
 Acq On : 13 Oct 2020 11:49
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 13 12:27:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	344594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	516094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234352	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	170740	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	177611	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.34	98	650277	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	220664	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	140733	41.610	ug/l	100
3) Chloromethane	2.20	50	98440	43.401	ug/l	100
4) Vinyl Chloride	2.35	62	111915	44.639	ug/l	100
5) Bromomethane	2.77	94	83107	42.296	ug/l	100
6) Chloroethane	2.92	64	67740	43.171	ug/l	100
7) Trichlorofluoromethane	3.27	101	278877	44.264	ug/l	100
8) Diethyl Ether	3.70	74	62888	44.794	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	147285	44.017	ug/l	100
10) Methyl Iodide	4.30	142	149829	54.195	ug/l	100
11) Tert butyl alcohol	5.23	59	41621	140.369	ug/l	100
12) 1,1-Dichloroethene	4.07	96	135594	46.078	ug/l	100
13) Acrolein	3.92	56	51869	325.569	ug/l	100
14) Allyl chloride	4.71	41	157576	47.995	ug/l	100
15) Acrylonitrile	5.41	53	106241	229.413	ug/l	100
16) Acetone	4.16	43	109443	219.756	ug/l	100
17) Carbon Disulfide	4.41	76	379953	45.215	ug/l	100
18) Methyl Acetate	4.72	43	47073	41.162	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	272155	47.992	ug/l	100
20) Methylene Chloride	4.96	84	154158	38.459	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	153957	45.735	ug/l	100
22) Diisopropyl ether	6.36	45	290848	48.049	ug/l	100
23) Vinyl Acetate	6.31	43	857844	261.179	ug/l	100
24) 1,1-Dichloroethane	6.27	63	240683	45.638	ug/l	100
25) 2-Butanone	7.21	43	126995	226.980	ug/l	100
26) 2,2-Dichloropropane	7.21	77	246379	44.751	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	171529	46.413	ug/l	100
28) Bromochloromethane	7.55	49	89940	51.119	ug/l	100
29) Tetrahydrofuran	7.57	42	73765	239.228	ug/l	100
30) Chloroform	7.71	83	290421	45.919	ug/l	100
31) Cyclohexane	7.98	56	179362	42.347	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	283880	45.730	ug/l	100
36) 1,1-Dichloropropene	8.11	75	208805	46.248	ug/l	100
37) Ethyl Acetate	7.30	43	61719	47.153	ug/l	100
38) Carbon Tetrachloride	8.10	117	270644	46.759	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
 Data File : VD067246.D
 Acq On : 13 Oct 2020 11:49
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 13 12:27:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	225579	48.730	ug/l	100
40) Benzene	8.35	78	575176	46.235	ug/l	100
41) Methacrylonitrile	7.53	41	28577	51.168	ug/l	100
42) 1,2-Dichloroethane	8.43	62	180088	46.333	ug/l	100
43) Isopropyl Acetate	8.46	43	119180	46.466	ug/l	100
44) Trichloroethene	9.11	130	185452	46.652	ug/l	100
45) 1,2-Dichloropropane	9.39	63	132246	46.292	ug/l	100
46) Dibromomethane	9.48	93	79445	44.169	ug/l	100
47) Bromodichloromethane	9.67	83	219875	46.159	ug/l	100
48) Methyl methacrylate	9.46	41	57235	45.806	ug/l	100
49) 1,4-Dioxane	9.46	88	16049	841.221	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	302051	232.078	ug/l	100
52) Toluene	10.41	92	398371	47.305	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	197753	47.729	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	229152	47.208	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	110014	44.546	ug/l	100
56) Ethyl methacrylate	10.67	69	119395	49.479	ug/l	100
57) 1,3-Dichloropropane	10.95	76	176835	45.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	312189	251.174	ug/l	100
59) 2-Hexanone	10.99	43	211866	241.740	ug/l	100
60) Dibromochloromethane	11.14	129	161398	45.249	ug/l	100
61) 1,2-Dibromoethane	11.25	107	108760	45.234	ug/l	100
64) Tetrachloroethene	10.88	164	160557	44.689	ug/l	100
65) Chlorobenzene	11.67	112	432711	46.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	174543	46.872	ug/l	100
67) Ethyl Benzene	11.75	91	765824	48.537	ug/l	100
68) m/p-Xylenes	11.86	106	587782	95.886	ug/l	100
69) o-Xylene	12.18	106	266173	46.960	ug/l	100
70) Styrene	12.20	104	471374	48.399	ug/l	100
71) Bromoform	12.37	173	89082	44.731	ug/l #	100
73) Isopropylbenzene	12.48	105	761262	50.798	ug/l	100
74) N-amyl acetate	12.30	43	108909	48.795	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	109456	46.720	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	148024	88.317	ug/l #	100
77) Bromobenzene	12.77	156	182344	47.803	ug/l	100
78) n-propylbenzene	12.83	91	883549	50.131	ug/l	100
79) 2-Chlorotoluene	12.91	91	496130	48.288	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	659241	49.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33345	46.206	ug/l	100
82) 4-Chlorotoluene	13.01	91	523098	47.707	ug/l	100
83) tert-Butylbenzene	13.23	119	564405	51.266	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	657565	50.677	ug/l	100
85) sec-Butylbenzene	13.41	105	760491	49.810	ug/l	100
86) p-Isopropyltoluene	13.53	119	717330	49.710	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	339682	45.481	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	336712	45.971	ug/l	100
89) n-Butylbenzene	13.85	91	631215	50.133	ug/l	100
90) Hexachloroethane	14.12	117	120509	48.135	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	295086	45.671	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18471	43.771	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
Data File : VD067246.D
Acq On : 13 Oct 2020 11:49
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Quant Time: Oct 13 12:27:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 13 12:22:10 2020
Response via : Initial Calibration

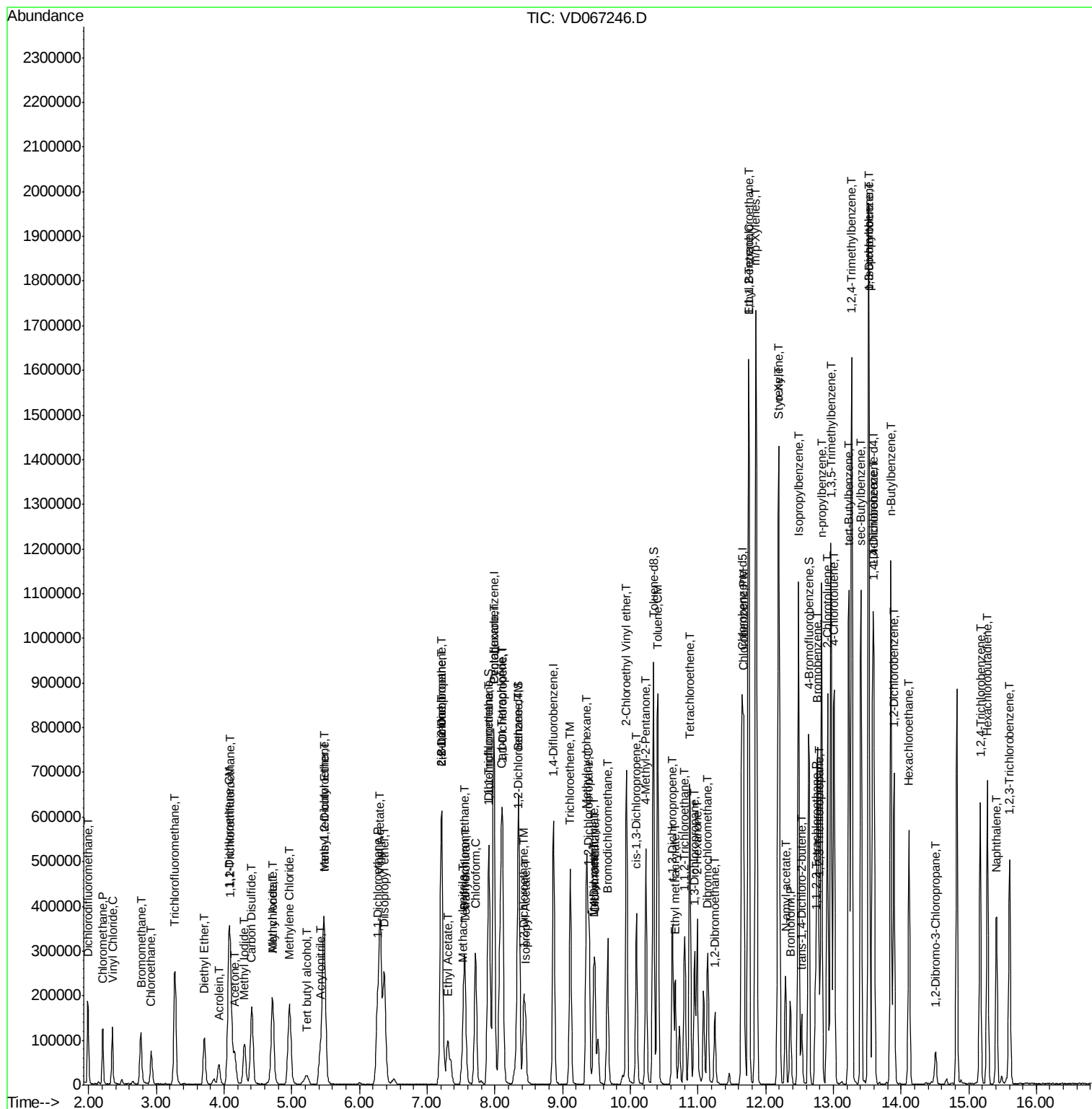
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	208287	49.545	ug/l	100
94) Hexachlorobutadiene	15.28	225	131125	49.693	ug/l	100
95) Naphthalene	15.41	128	349244	52.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	178915	49.561	ug/l	100

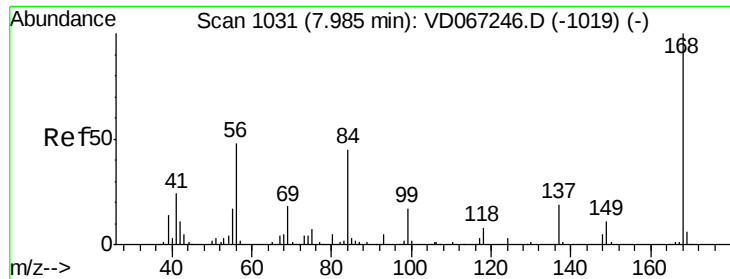
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
 Data File : VD067246.D
 Acq On : 13 Oct 2020 11:49
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 13 12:27:16 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 13 12:22:10 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

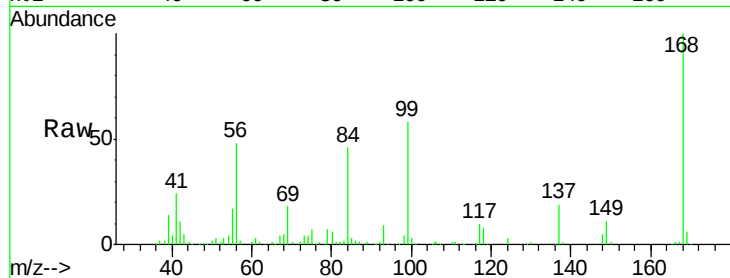
VSTDICCC050

Tgt Ion:168 Resp: 344594

Ion Ratio Lower Upper

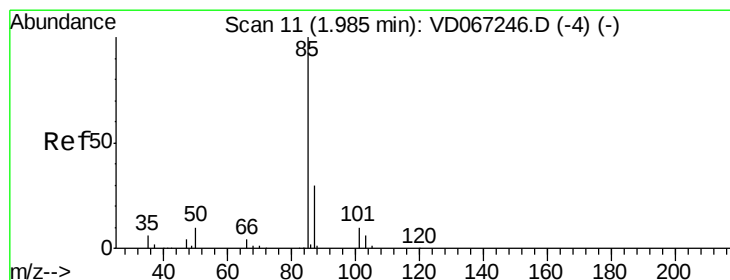
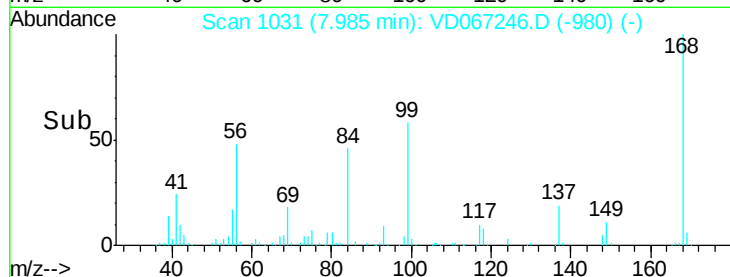
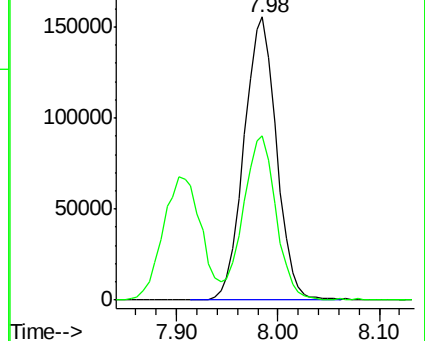
168 100

99 57.4 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: 41.610 ug/l

RT: 1.98 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067246.D

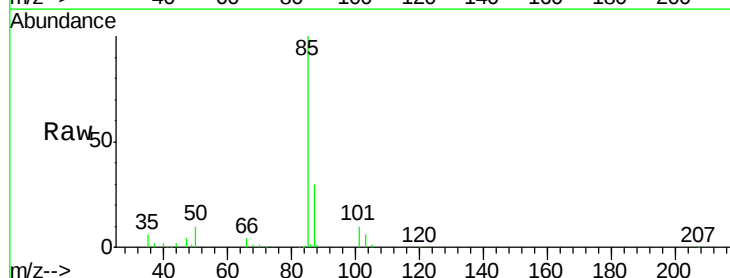
Acq: 13 Oct 2020 11:49

Tgt Ion: 85 Resp: 140733

Ion Ratio Lower Upper

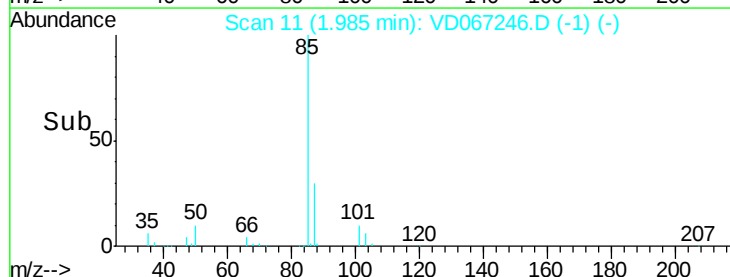
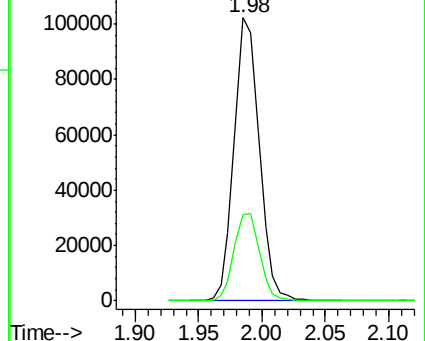
85 100

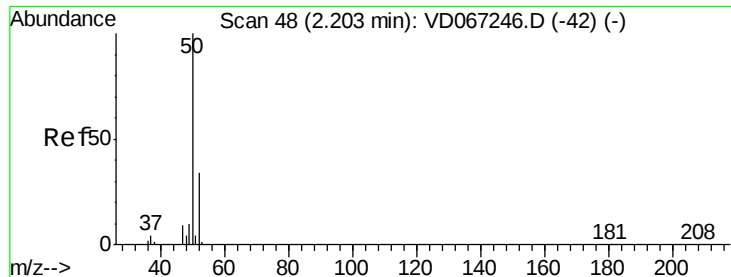
87 30.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.401 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

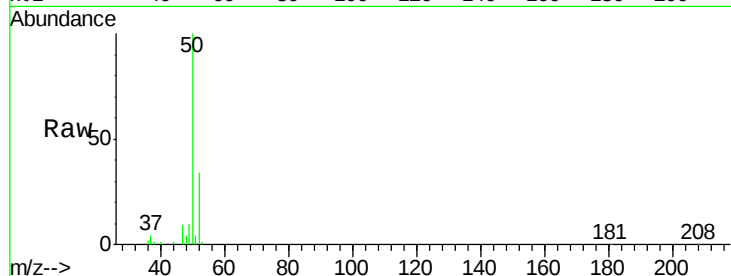
VSTDICCC050

Tgt Ion: 50 Resp: 98440

Ion Ratio Lower Upper

50 100

52 33.9 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

80000

60000

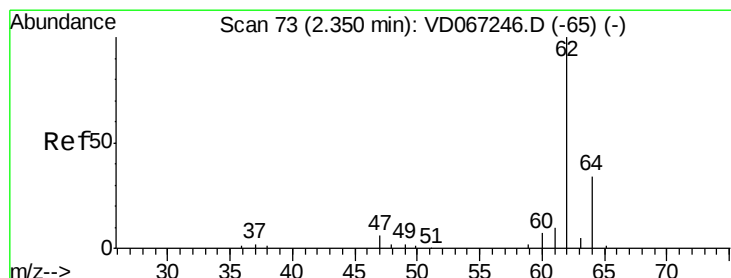
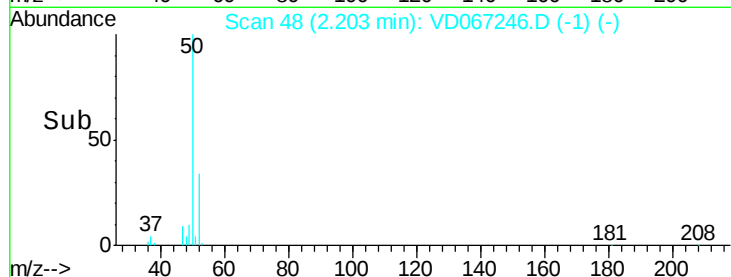
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 44.639 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067246.D

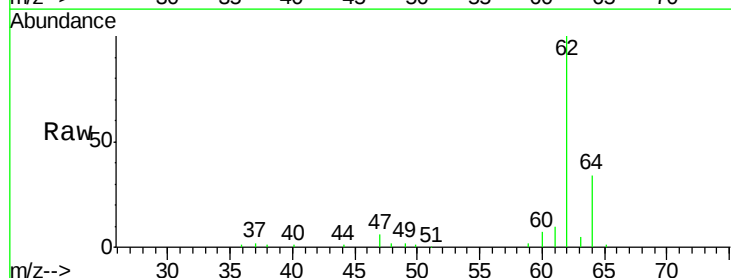
Acq: 13 Oct 2020 11:49

Tgt Ion: 62 Resp: 111915

Ion Ratio Lower Upper

62 100

64 34.2 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

60000

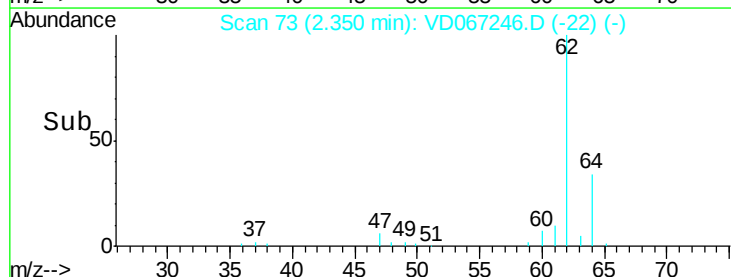
40000

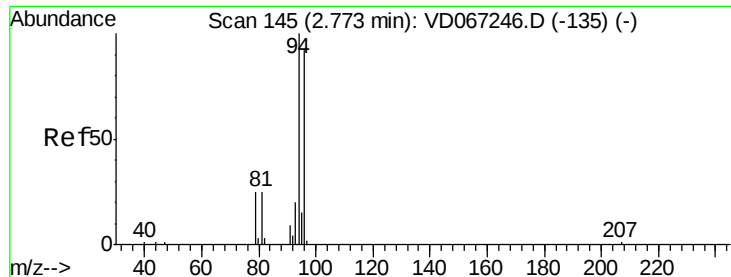
20000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 42.296 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

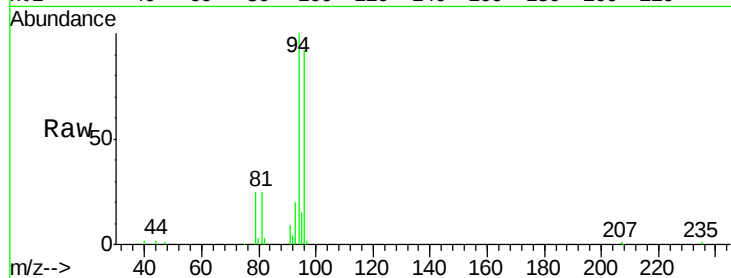
VSTDICCC050

Tgt Ion: 94 Resp: 83107

Ion Ratio Lower Upper

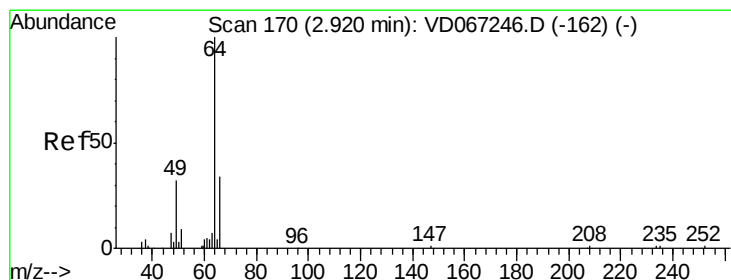
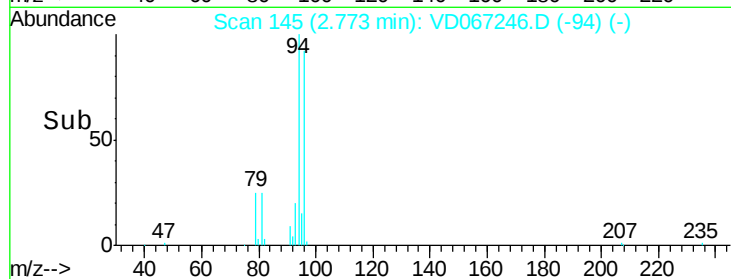
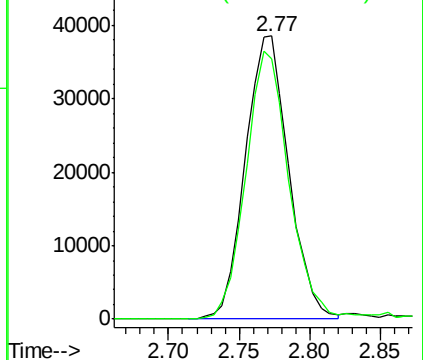
94 100

96 92.2 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: 43.171 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067246.D

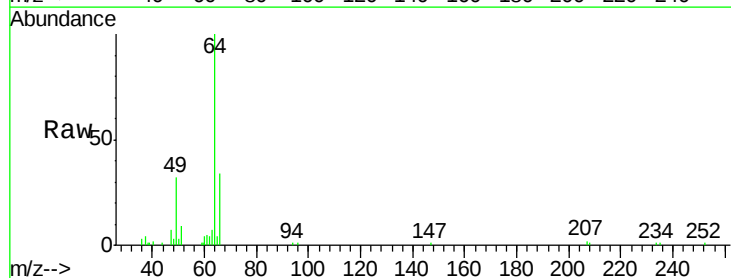
Acq: 13 Oct 2020 11:49

Tgt Ion: 64 Resp: 67740

Ion Ratio Lower Upper

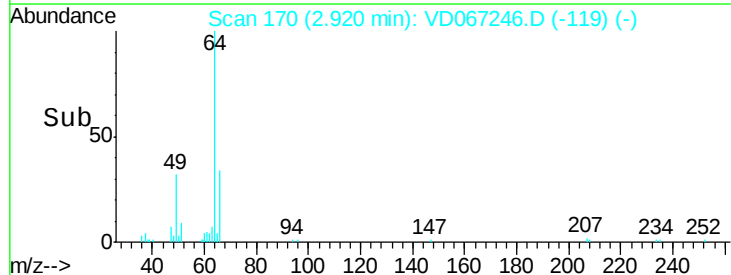
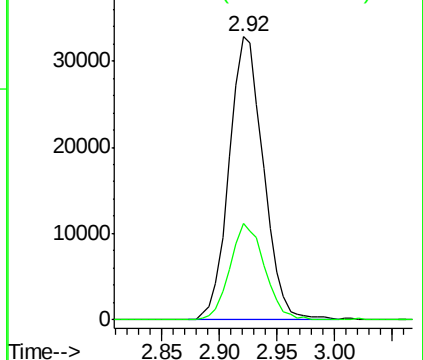
64 100

66 34.2 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



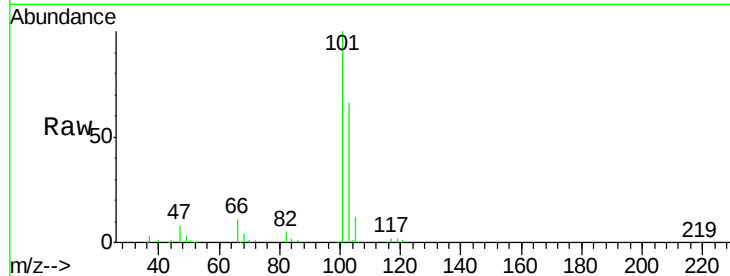


#7

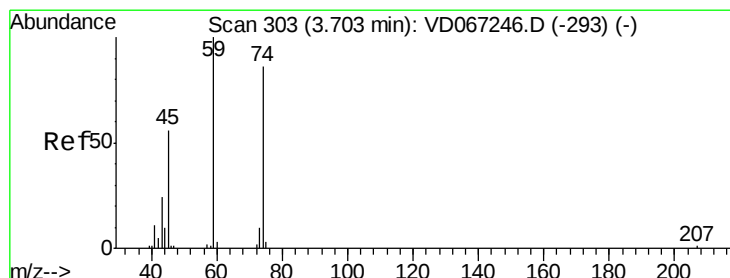
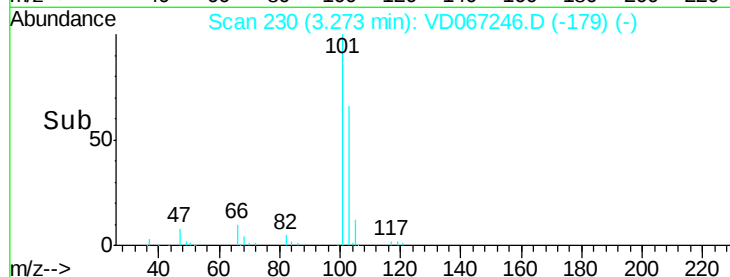
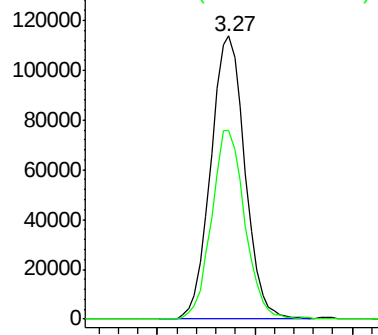
Trichlorofluoromethane
Concen: 44.264 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 101 Resp: 278877
Ion Ratio Lower Upper
101 100
103 66.4 53.1 79.7



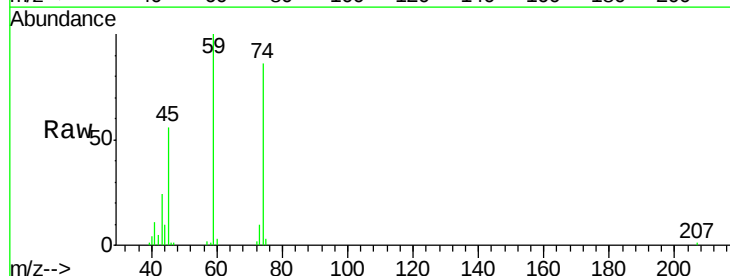
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



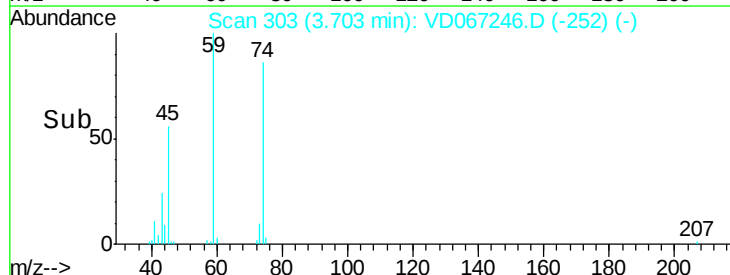
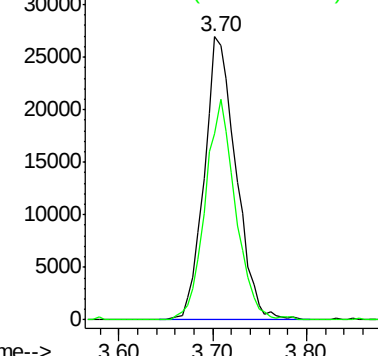
#8

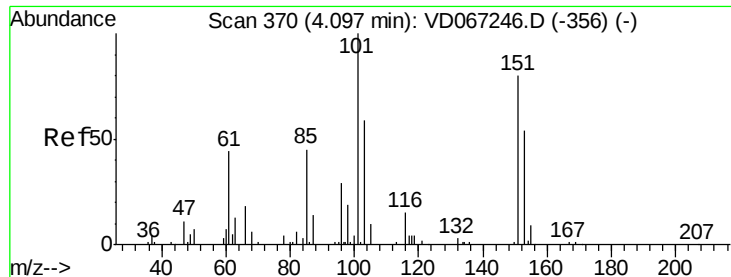
Diethyl Ether
Concen: 44.794 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 74 Resp: 62888
Ion Ratio Lower Upper
74 100
45 74.1 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: 44.017 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

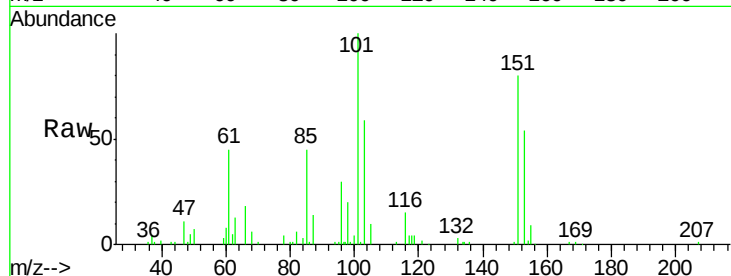
Tgt Ion:101 Resp: 147285

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

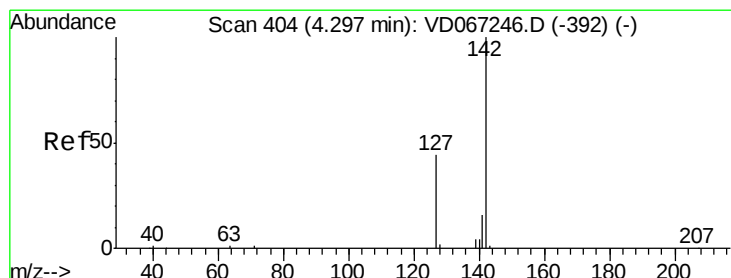
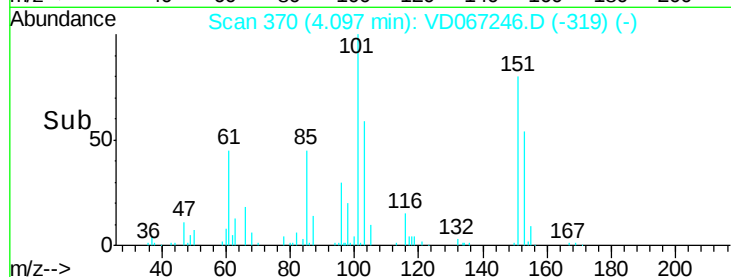
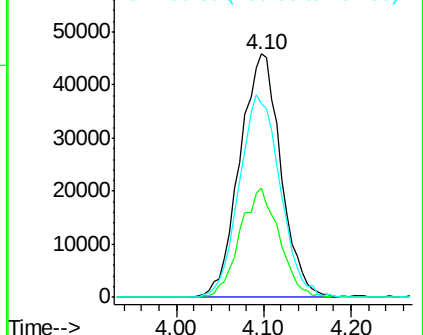
151 82.9 66.3 99.5



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: 54.195 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

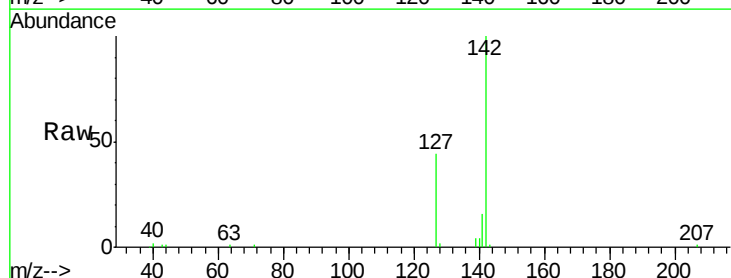
Tgt Ion:142 Resp: 149829

Ion Ratio Lower Upper

142 100

127 48.0 38.4 57.6

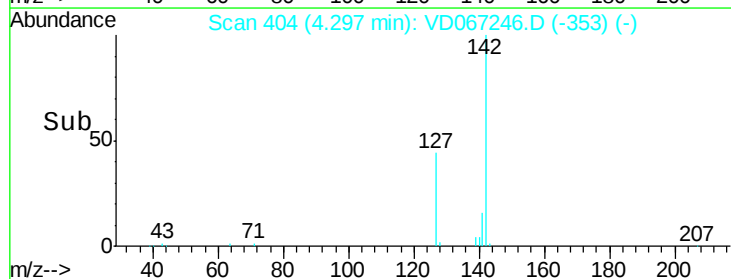
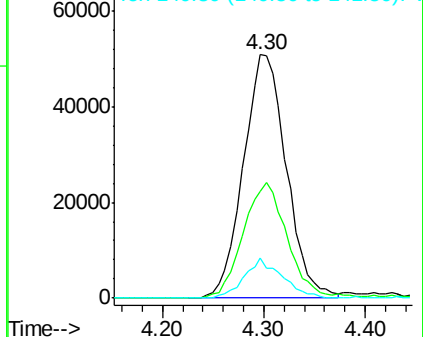
141 14.5 11.6 17.4

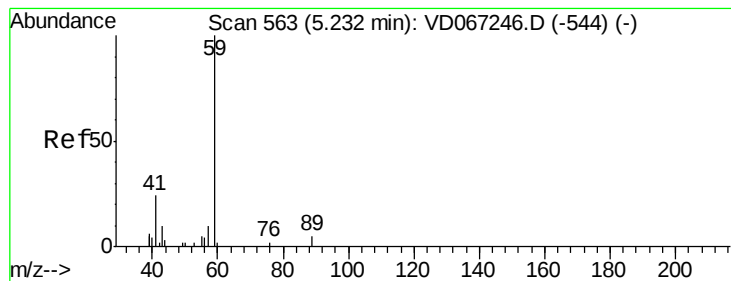


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 140.369 ug/l

RT: 5.23 min Scan# 563

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

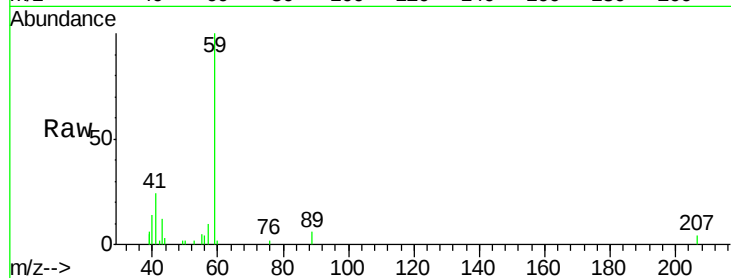
VSTDICCC050

Tgt Ion: 59 Resp: 41621

Ion Ratio Lower Upper

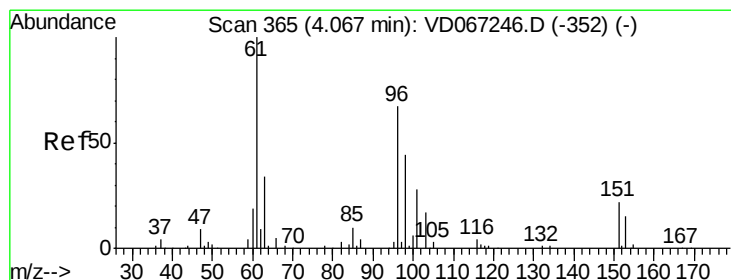
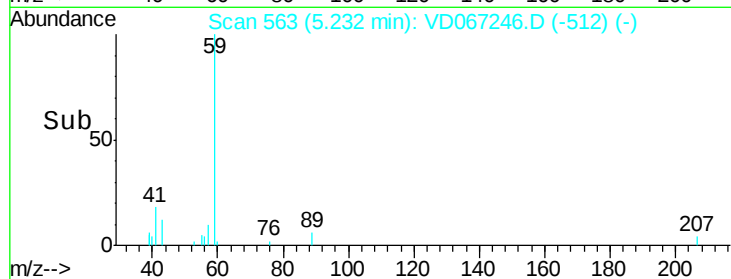
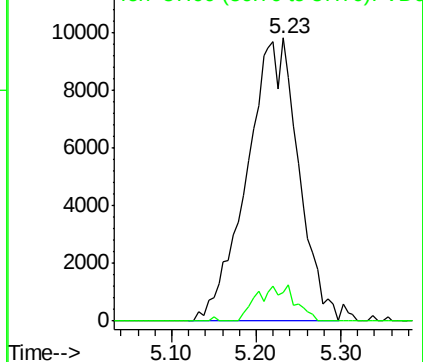
59 100

57 6.4 5.1 7.7



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.078 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

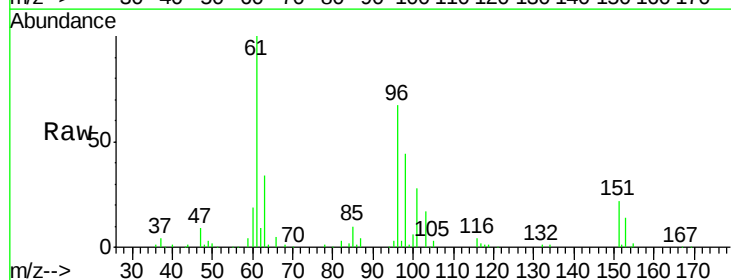
Tgt Ion: 96 Resp: 135594

Ion Ratio Lower Upper

96 100

61 148.2 118.6 177.8

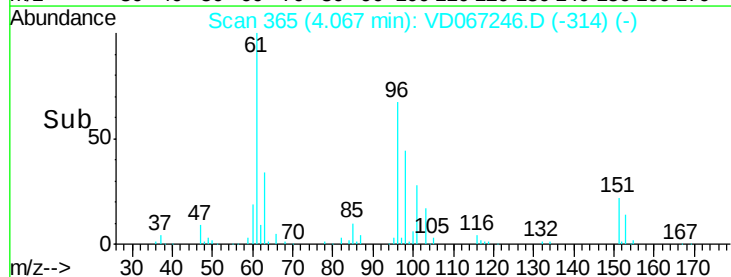
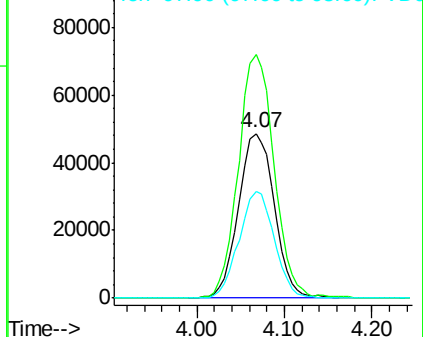
98 64.7 51.8 77.6

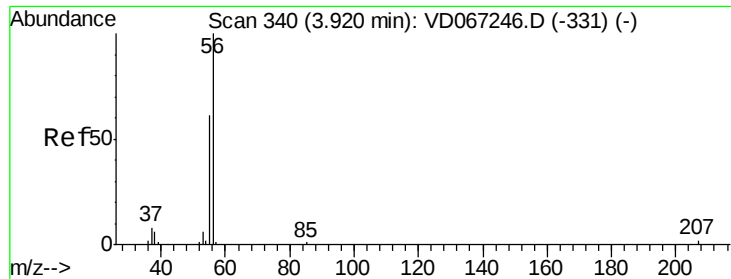


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 325.569 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

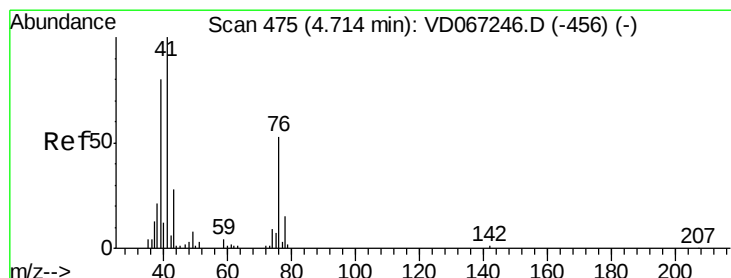
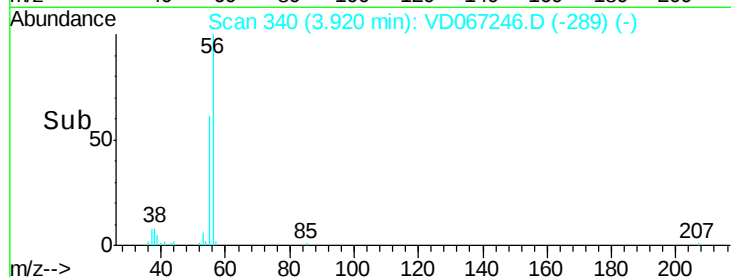
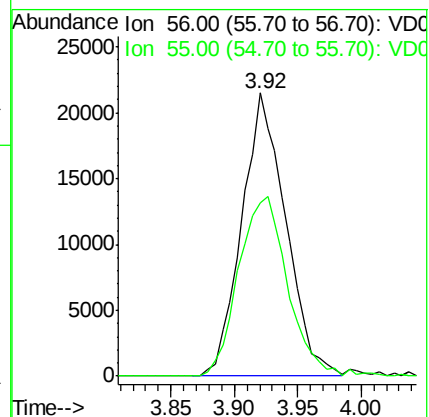
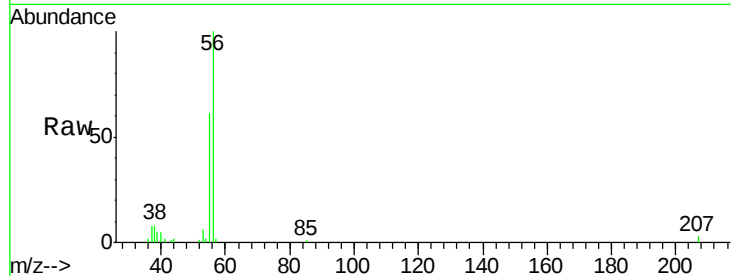
VSTDICCC050

Tgt Ion: 56 Resp: 51869

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Allyl chloride

Concen: 47.995 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

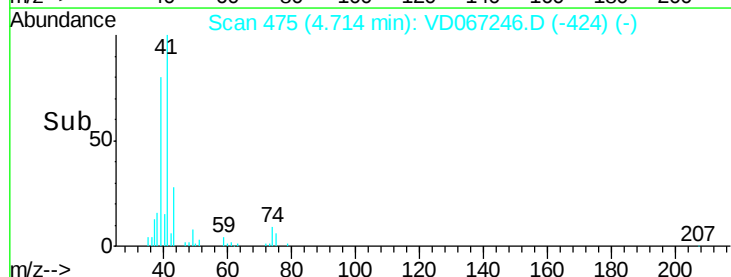
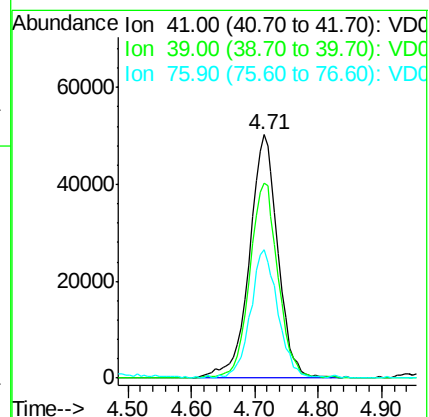
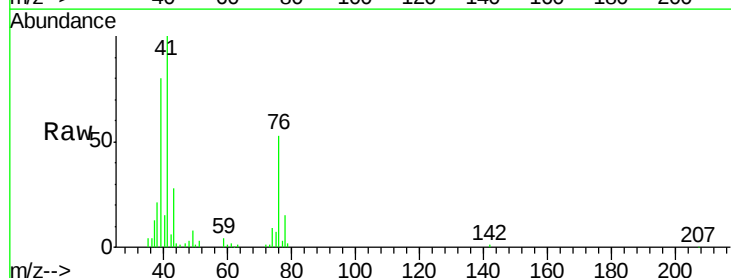
Tgt Ion: 41 Resp: 157576

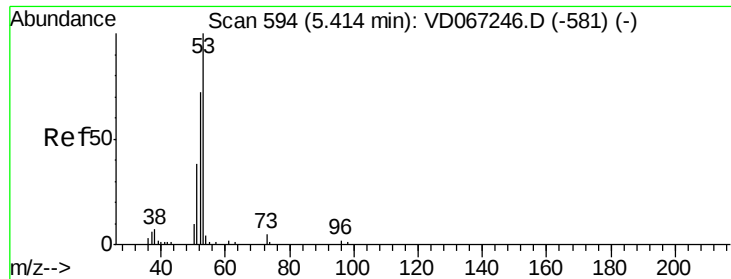
Ion Ratio Lower Upper

41 100

39 79.7 63.8 95.6

76 50.5 40.4 60.6





#15

Acrylonitrile

Concen: 229.413 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

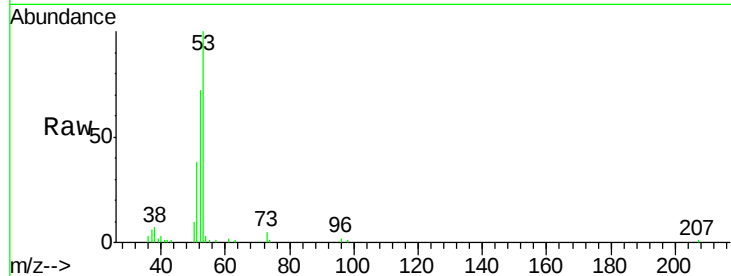
Tgt Ion: 53 Resp: 106241

Ion Ratio Lower Upper

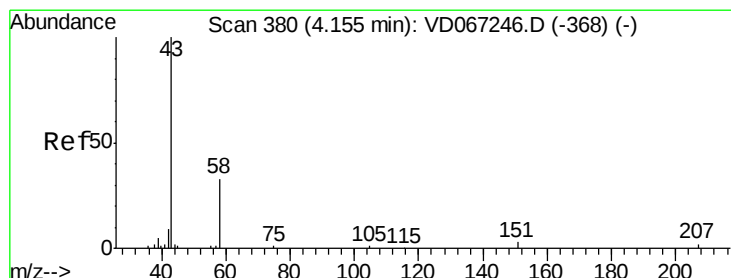
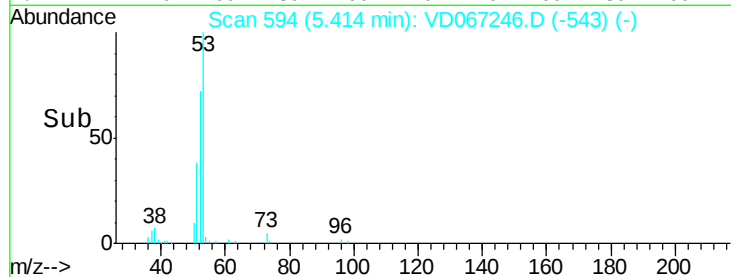
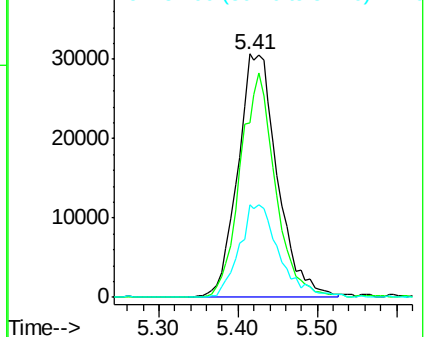
53 100

52 82.0 65.6 98.4

51 38.5 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: 219.756 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067246.D

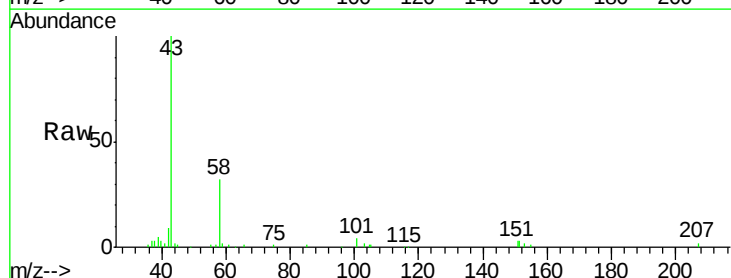
Acq: 13 Oct 2020 11:49

Tgt Ion: 43 Resp: 109443

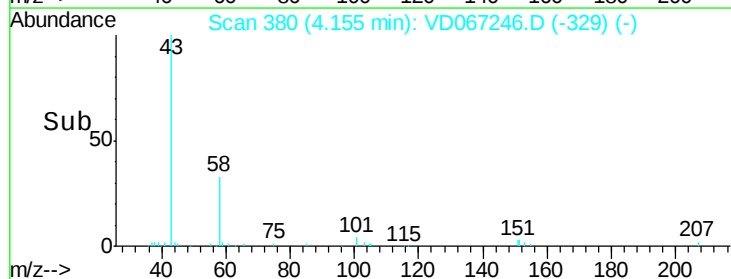
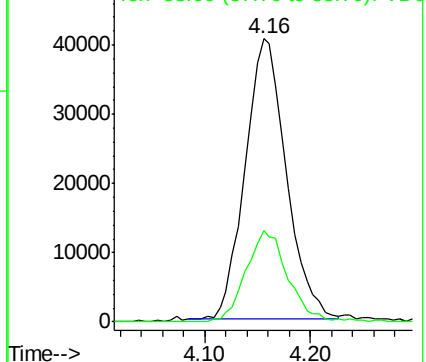
Ion Ratio Lower Upper

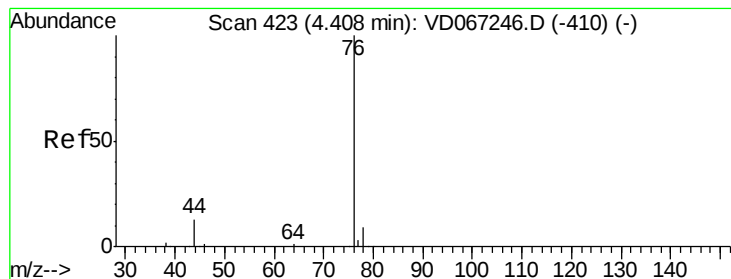
43 100

58 32.6 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: 45.215 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

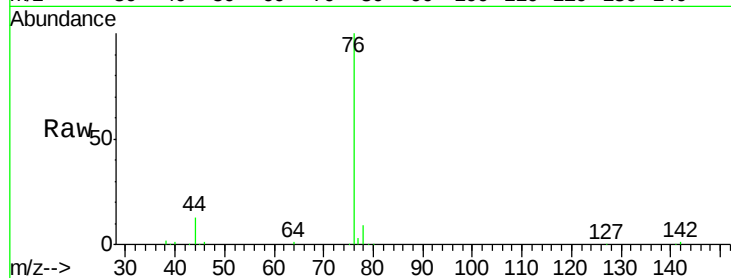
VSTDICCC050

Tgt Ion: 76 Resp: 379953

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

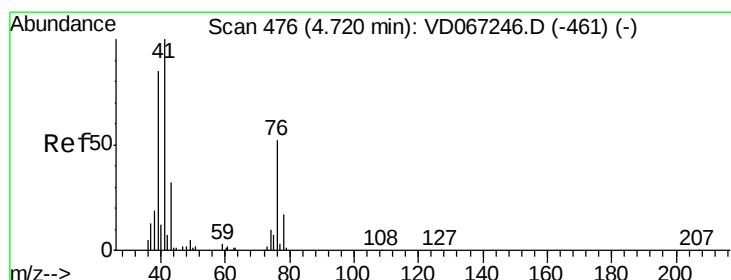
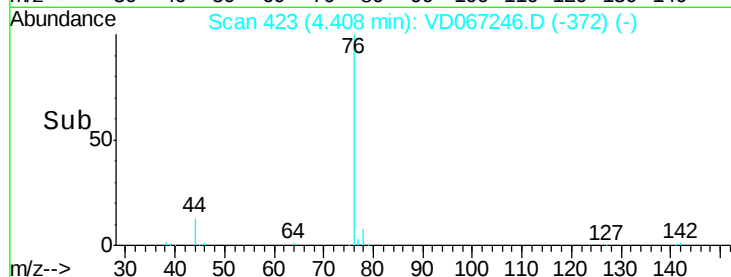
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 41.162 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067246.D

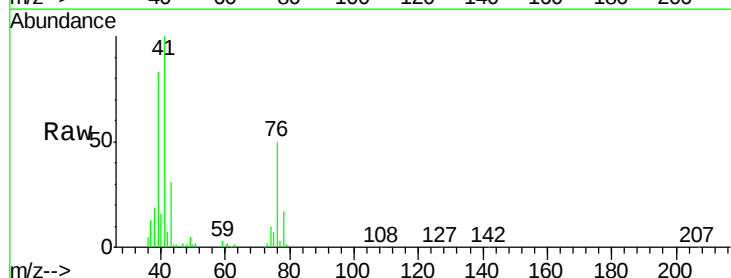
Acq: 13 Oct 2020 11:49

Tgt Ion: 43 Resp: 47073

Ion Ratio Lower Upper

43 100

74 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

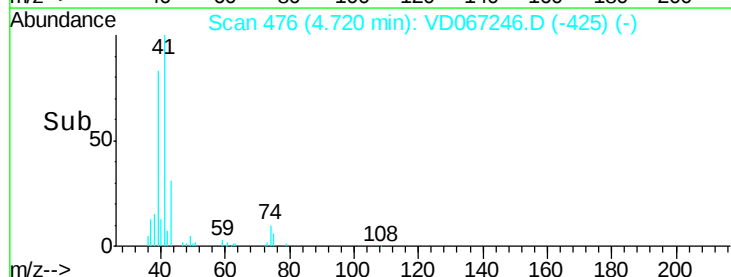
15000

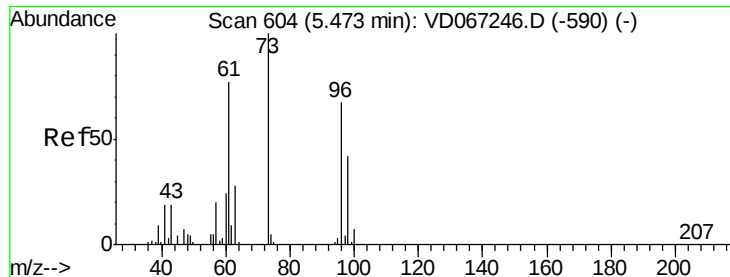
10000

5000

0

Time-->

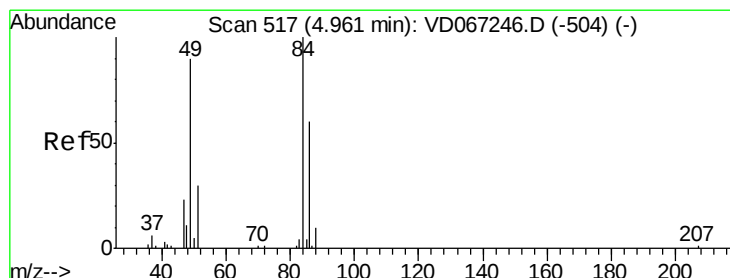
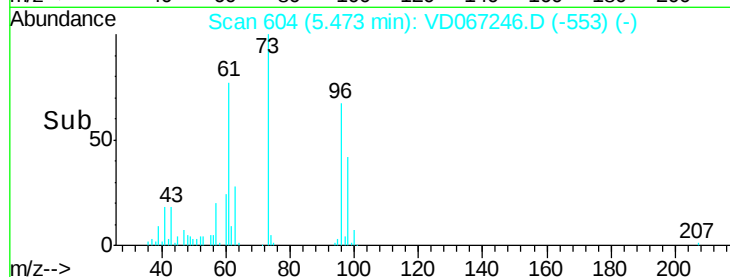
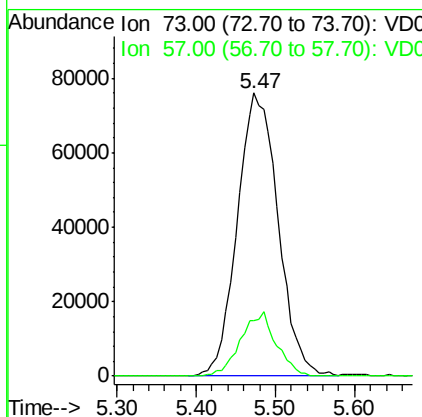
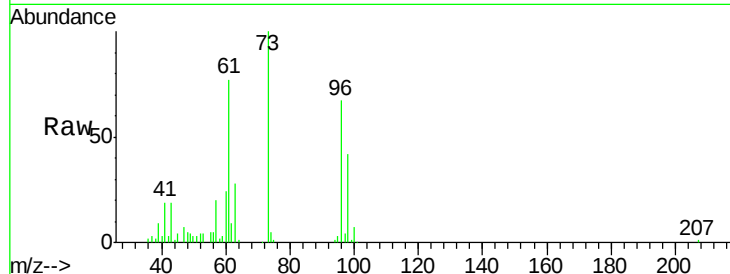




#19
Methyl tert-butyl Ether
Concen: 47.992 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

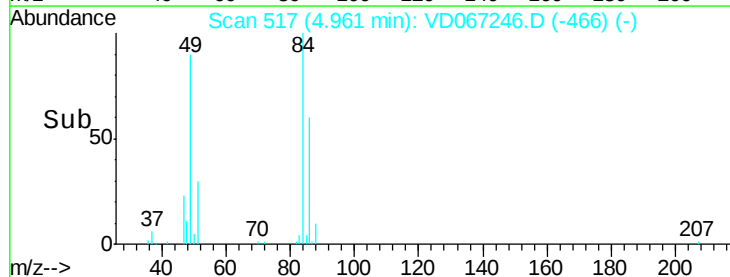
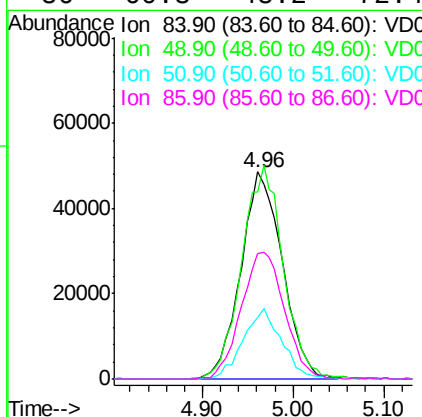
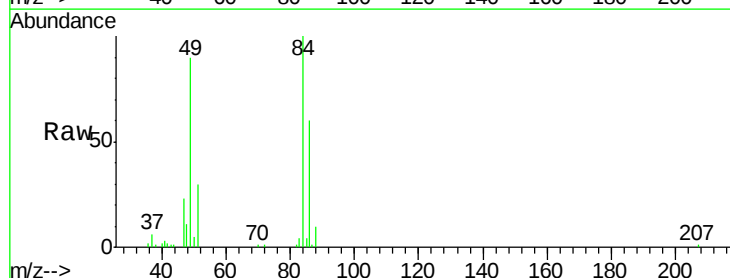
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

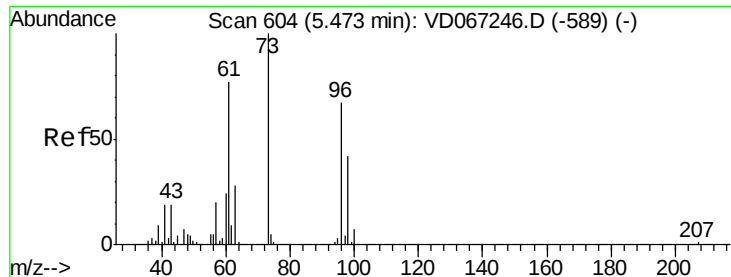
Tgt Ion: 73 Resp: 272155
Ion Ratio Lower Upper
73 100
57 19.6 15.7 23.5



#20
Methylene Chloride
Concen: 38.459 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 84 Resp: 154158
Ion Ratio Lower Upper
84 100
49 90.2 72.2 108.2
51 29.8 23.8 35.8
86 60.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 45.735 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

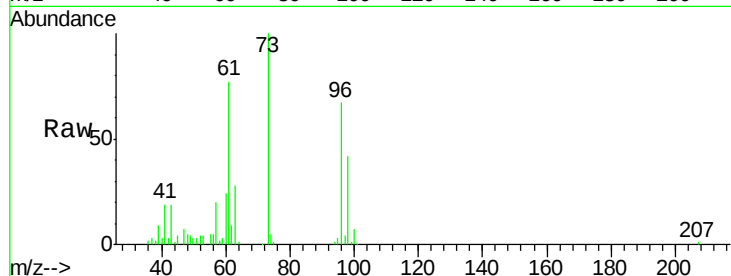
Tgt Ion: 96 Resp: 153957

Ion Ratio Lower Upper

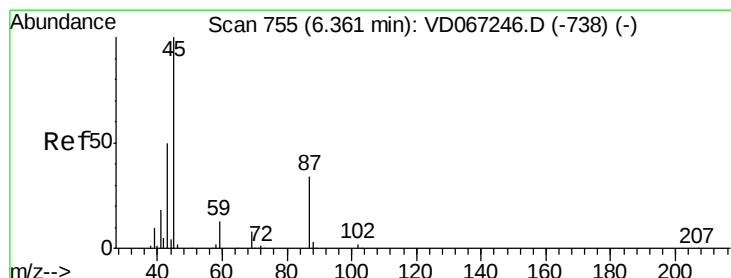
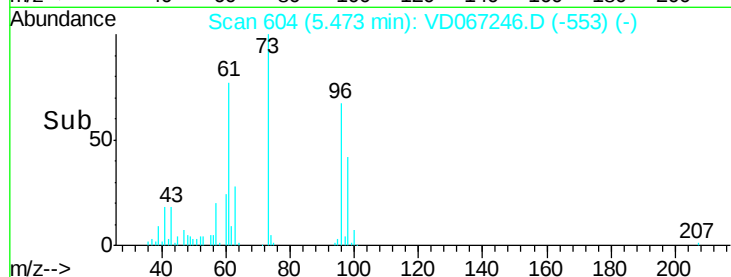
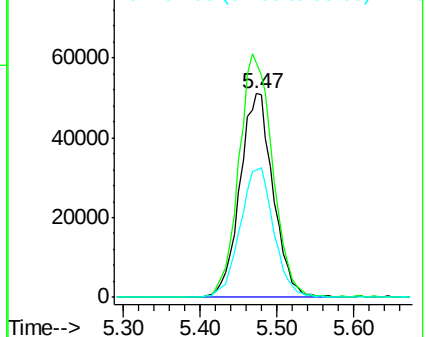
96 100

61 115.0 92.0 138.0

98 62.3 49.8 74.8



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



#22

Diisopropyl ether

Concen: 48.049 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion: 45 Resp: 290848

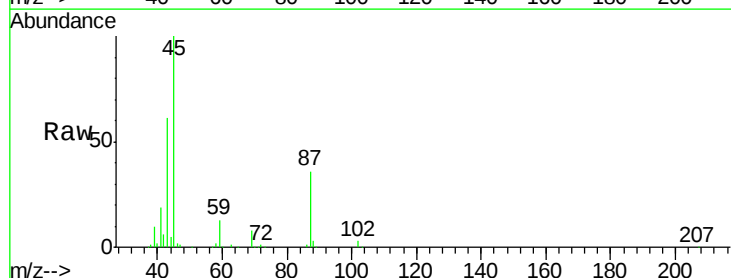
Ion Ratio Lower Upper

45 100

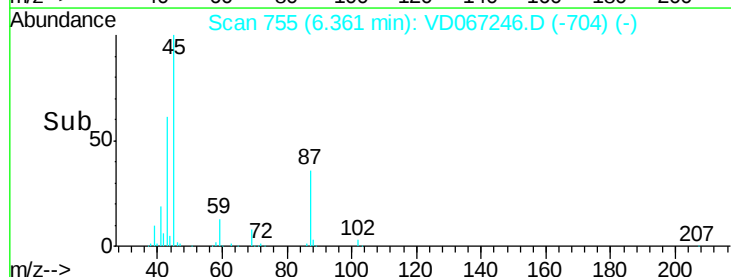
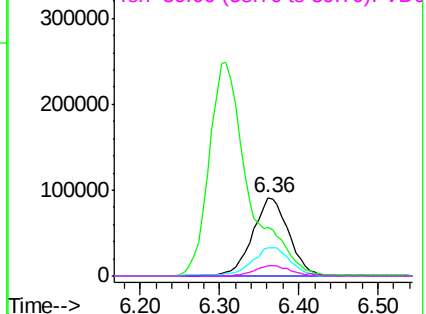
43 60.0 48.0 72.0

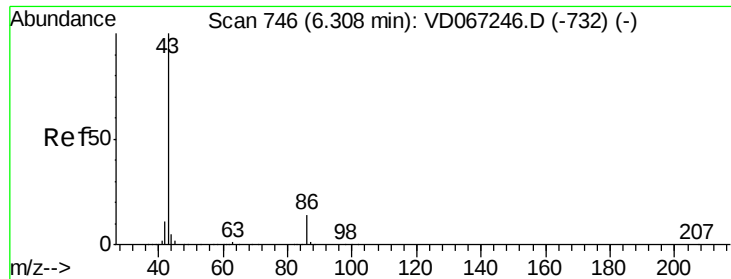
87 35.6 28.5 42.7

59 13.1 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 261.179 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

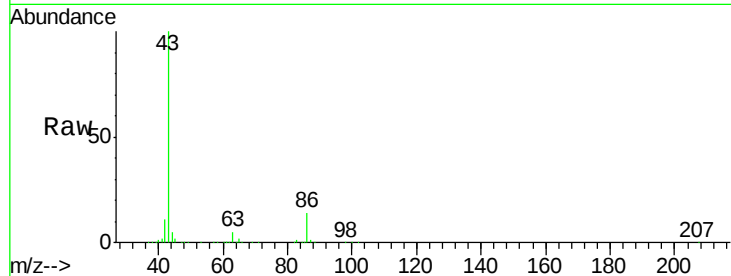
VSTDICCC050

Tgt Ion: 43 Resp: 857844

Ion Ratio Lower Upper

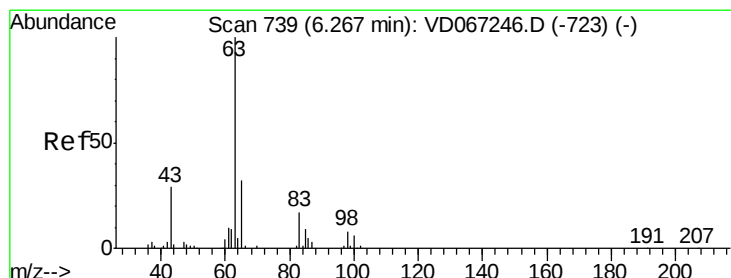
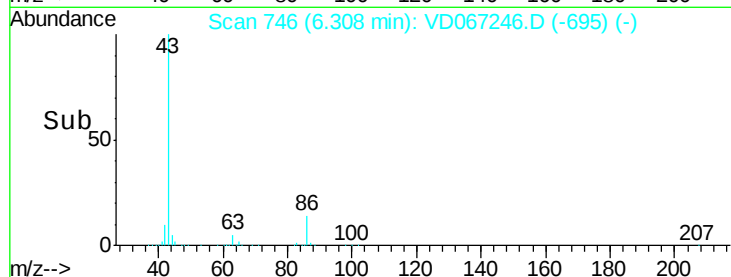
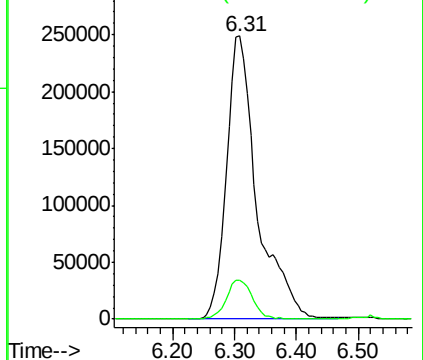
43 100

86 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 45.638 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

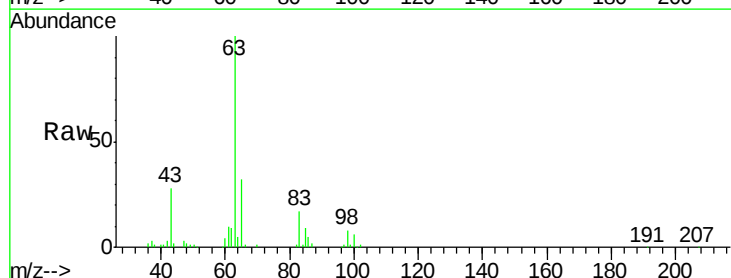
Tgt Ion: 63 Resp: 240683

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

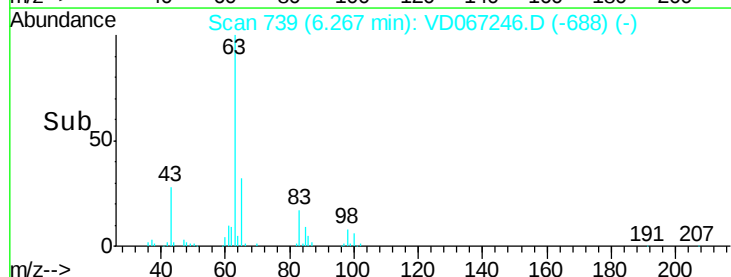
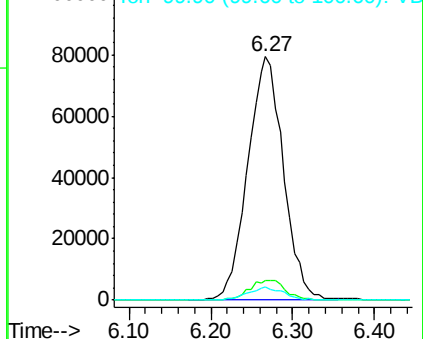
100 5.6 2.8 8.4

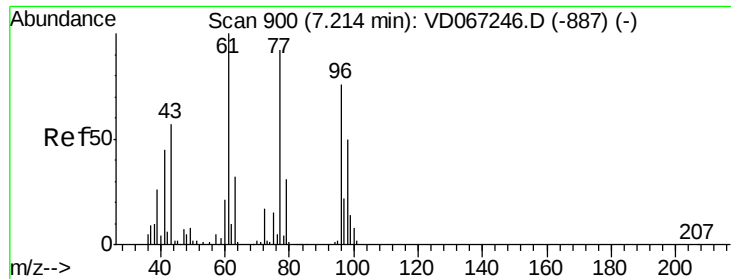


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

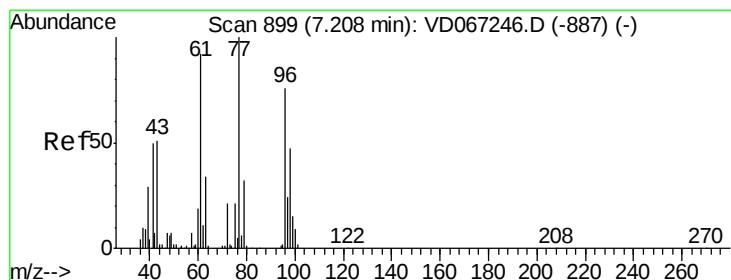
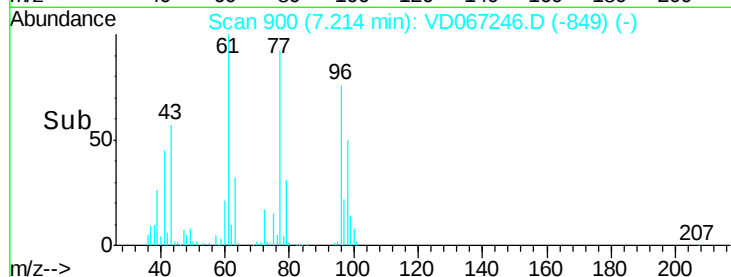
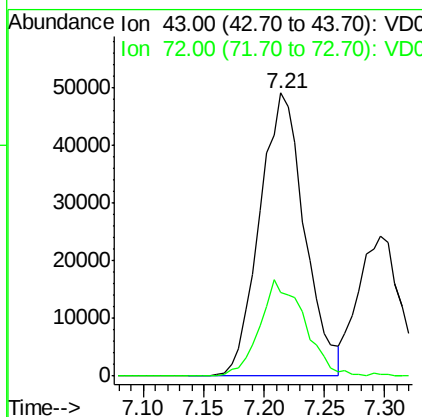
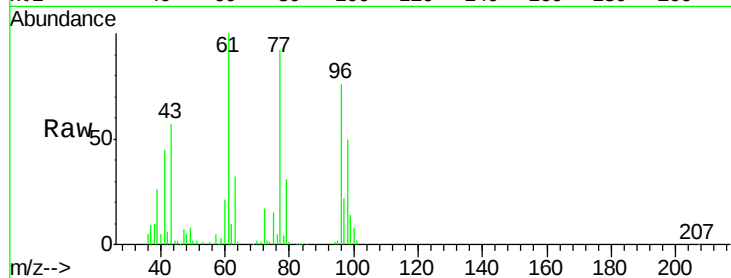




#25
2-Butanone
Concen: 226.980 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

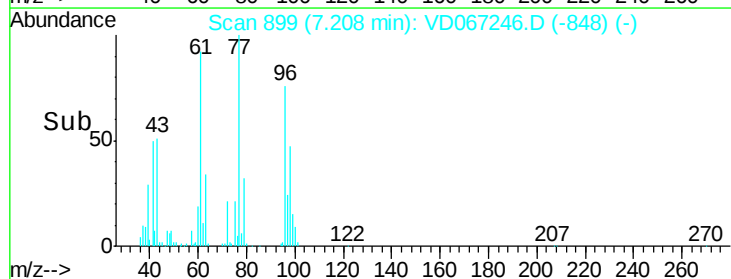
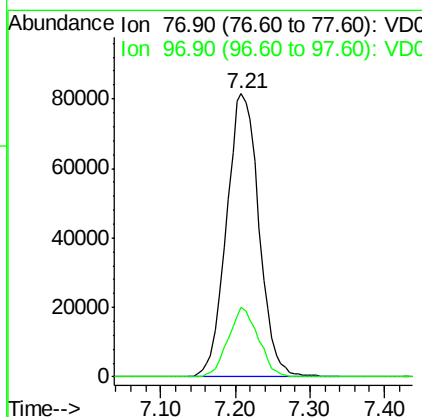
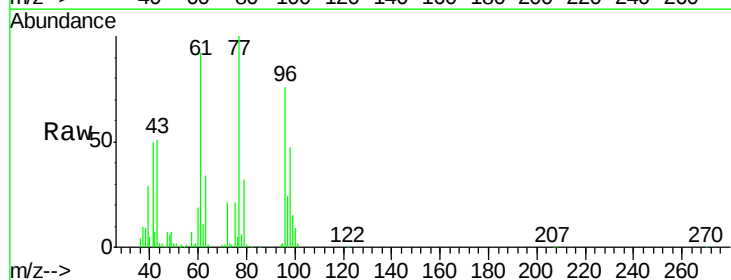
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

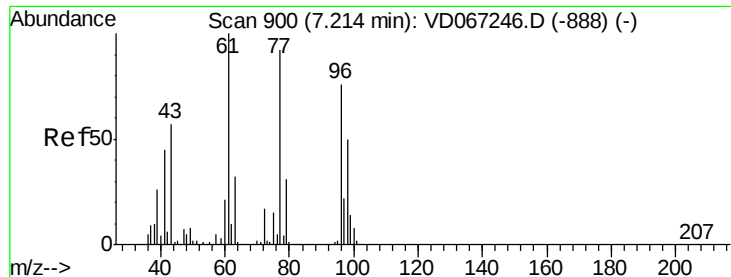
Tgt Ion: 43 Resp: 126995
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5



#26
2,2-Dichloropropane
Concen: 44.751 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 77 Resp: 246379
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.413 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

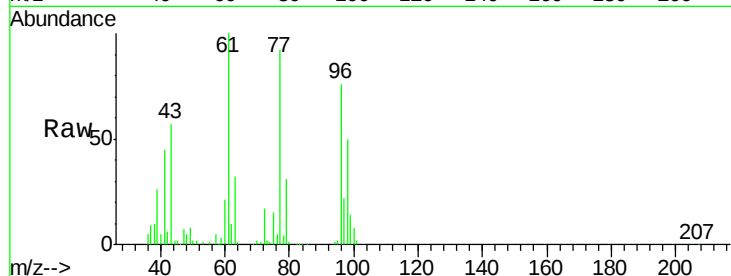
Tgt Ion: 96 Resp: 171529

Ion Ratio Lower Upper

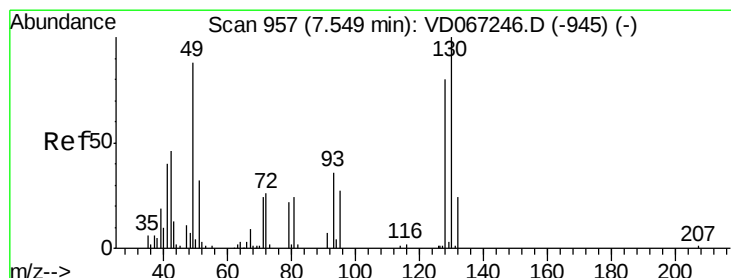
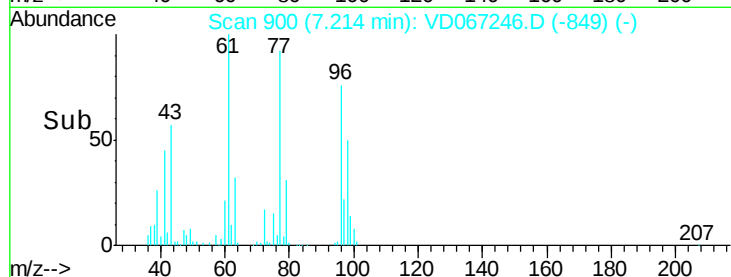
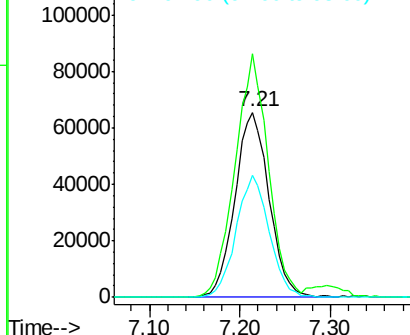
96 100

61 127.7 0.0 255.4

98 64.0 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: 51.119 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

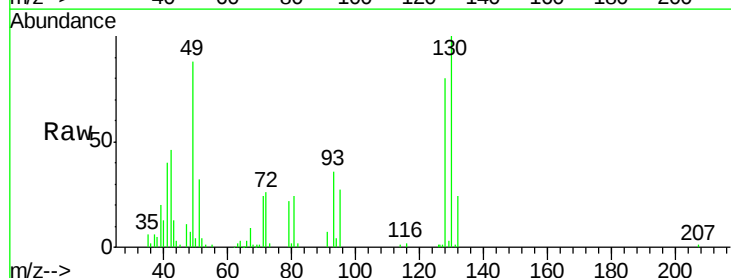
Tgt Ion: 49 Resp: 89940

Ion Ratio Lower Upper

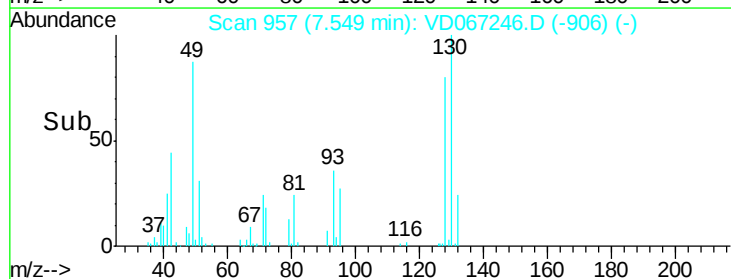
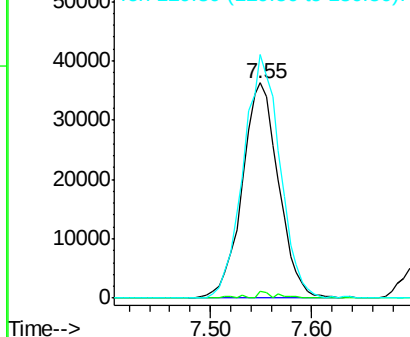
49 100

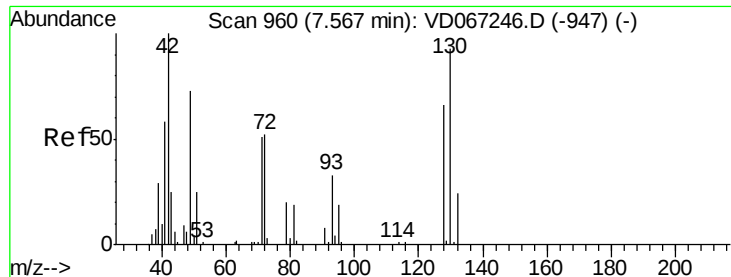
129 0.8 0.0 1.6

130 113.8 91.0 136.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

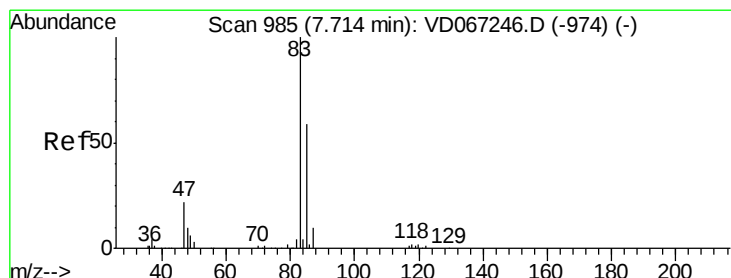
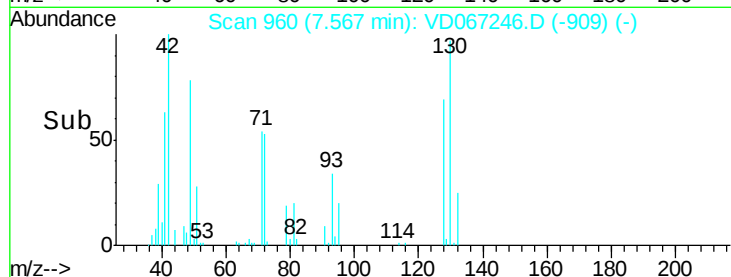
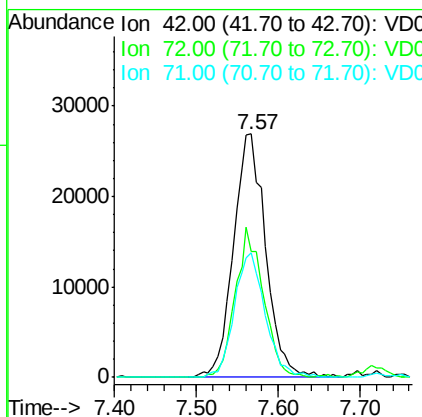
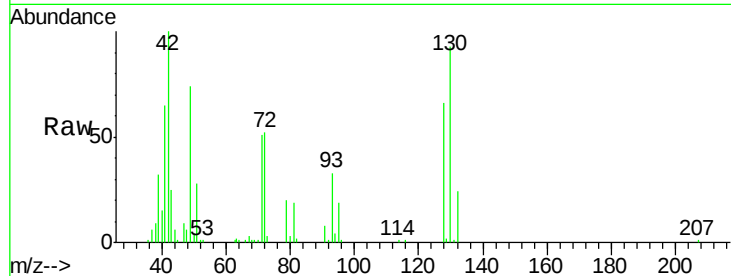




#29
Tetrahydrofuran
Concen: 239.228 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

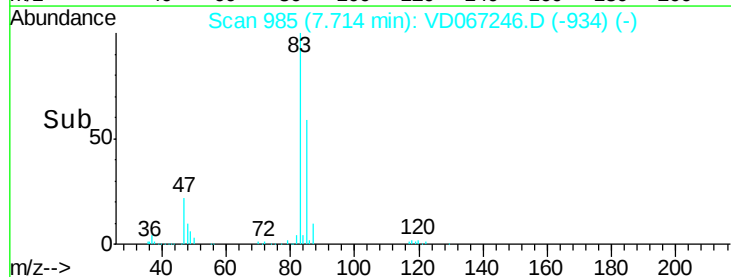
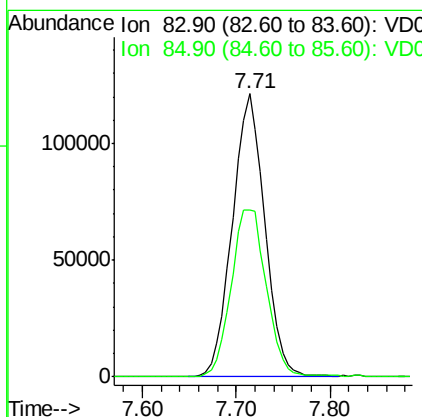
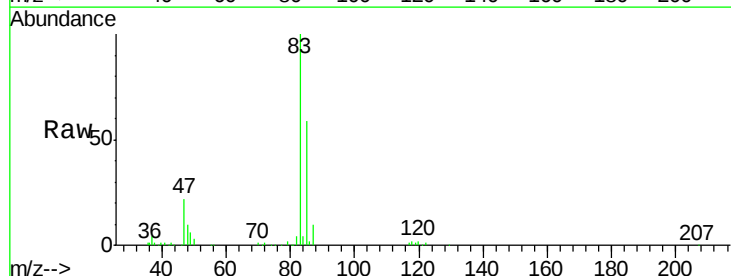
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

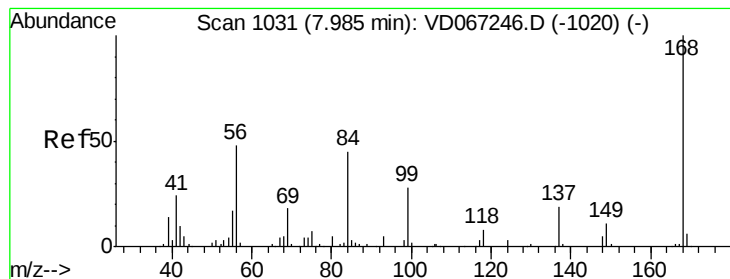
Tgt Ion: 42 Resp: 73765
Ion Ratio Lower Upper
42 100
72 54.0 43.2 64.8
71 49.2 39.4 59.0



#30
Chloroform
Concen: 45.919 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 83 Resp: 290421
Ion Ratio Lower Upper
83 100
85 59.1 47.3 70.9





#31

Cyclohexane

Concen: 42.347 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

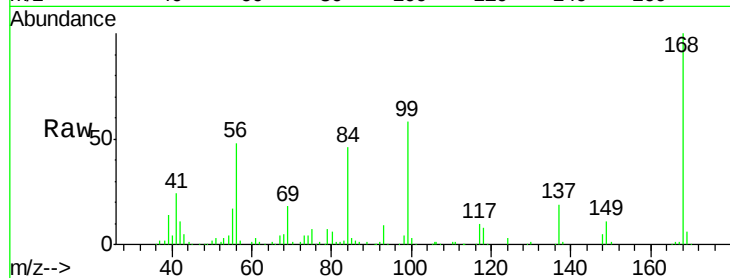
Tgt Ion: 56 Resp: 179362

Ion Ratio Lower Upper

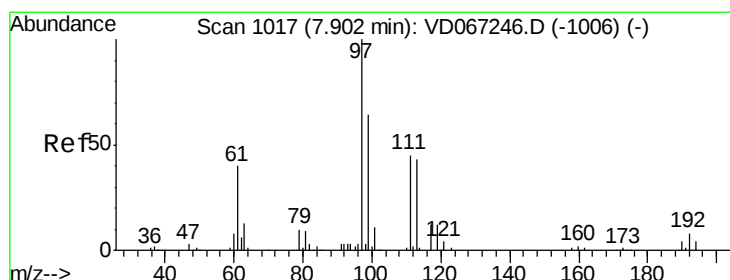
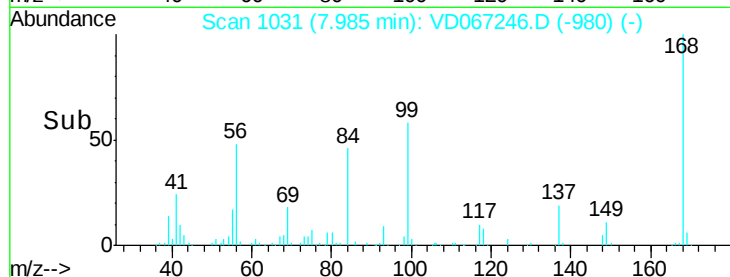
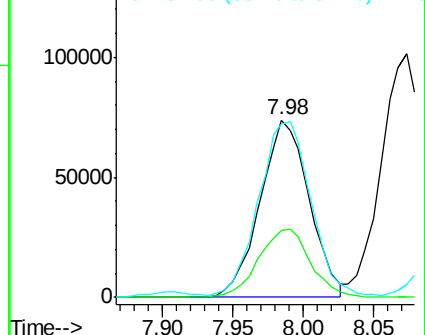
56 100

69 37.2 29.8 44.6

84 95.7 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: 45.730 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

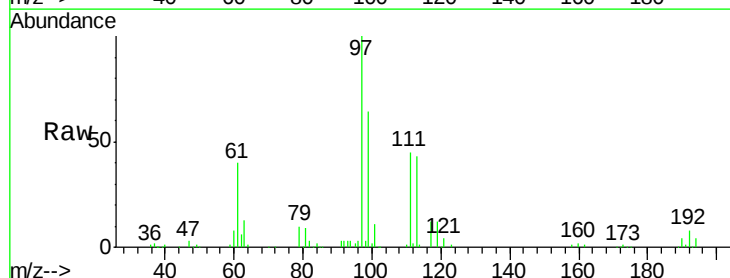
Tgt Ion: 97 Resp: 283880

Ion Ratio Lower Upper

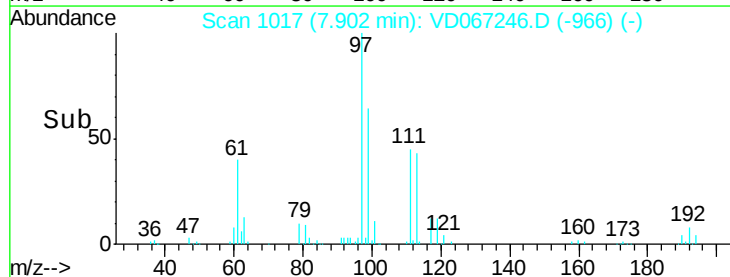
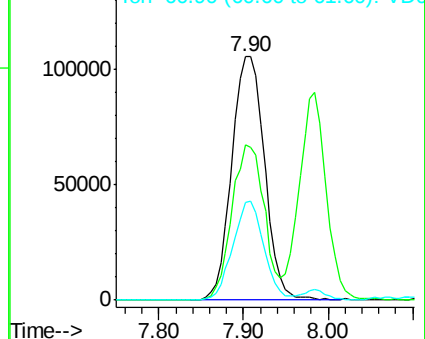
97 100

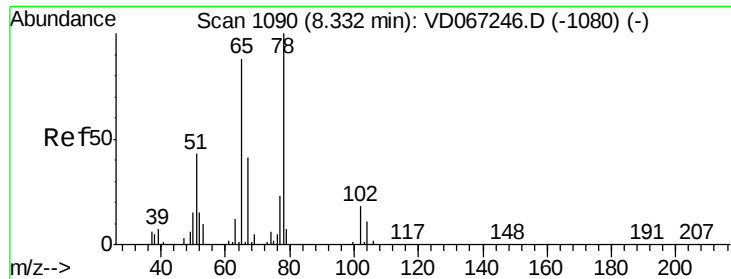
99 62.8 50.2 75.4

61 38.1 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

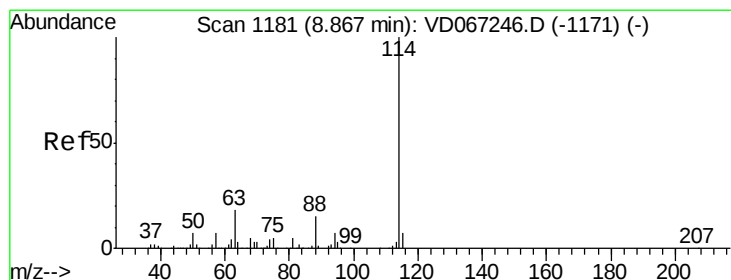
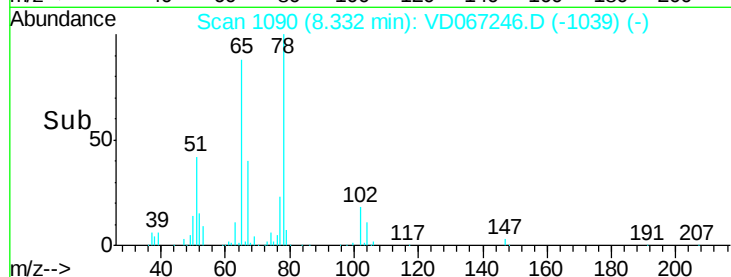
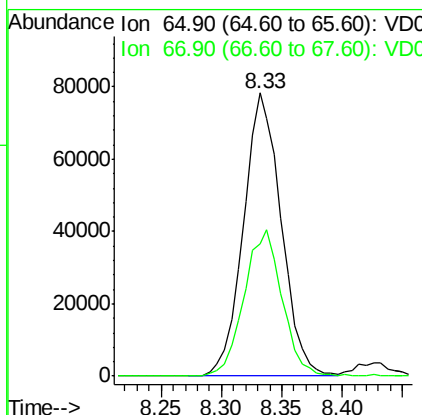
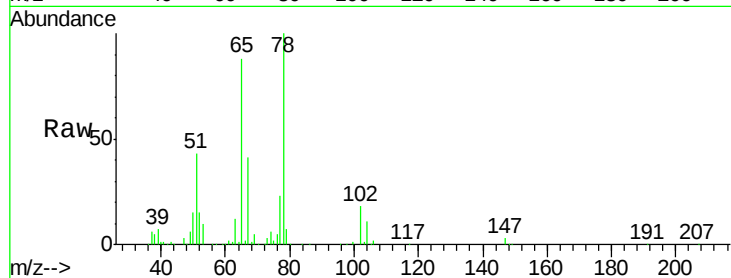




#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

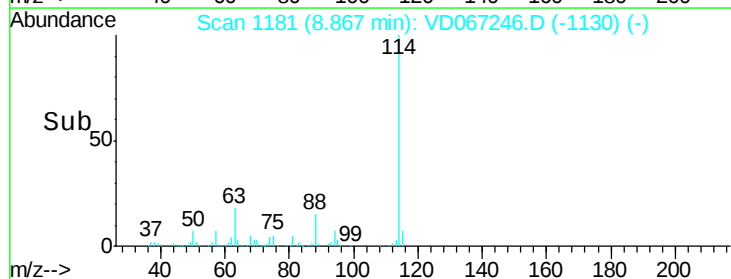
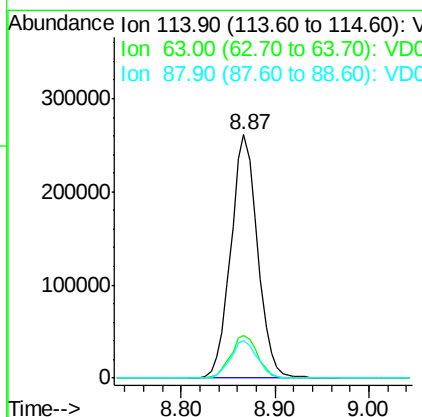
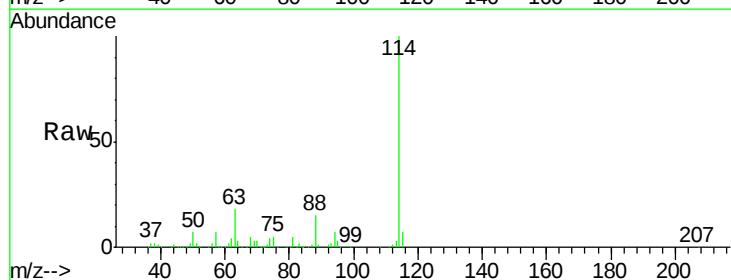
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

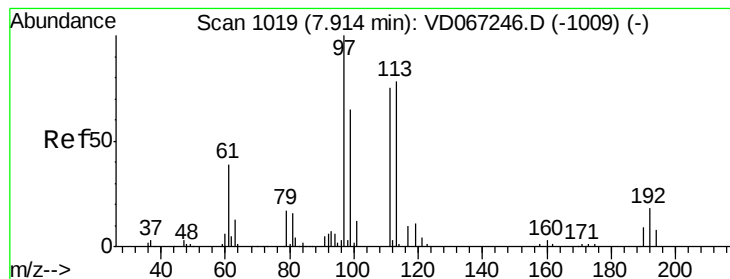
Tgt Ion: 65 Resp: 170740
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 114 Resp: 516094
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.683 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

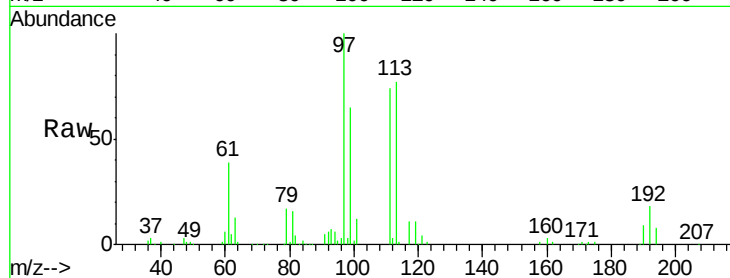
Tgt Ion: 113 Resp: 177611

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

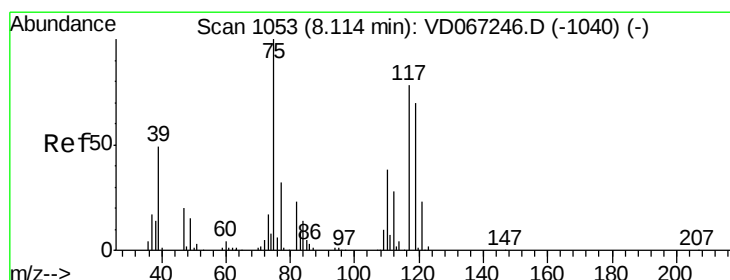
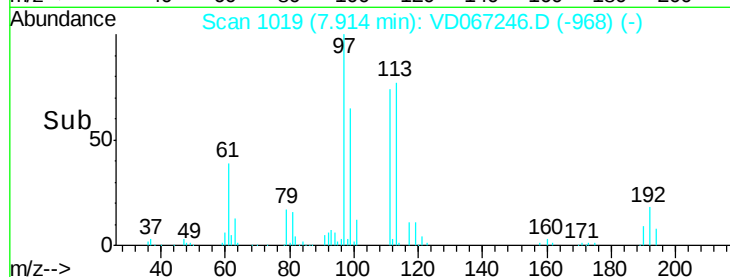
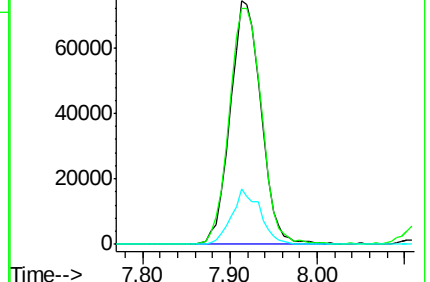
192 21.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.248 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

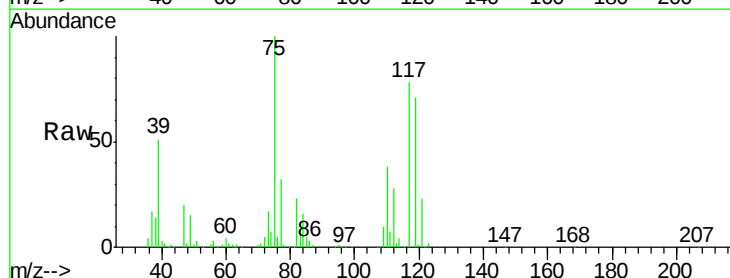
Tgt Ion: 75 Resp: 208805

Ion Ratio Lower Upper

75 100

110 39.1 19.6 58.7

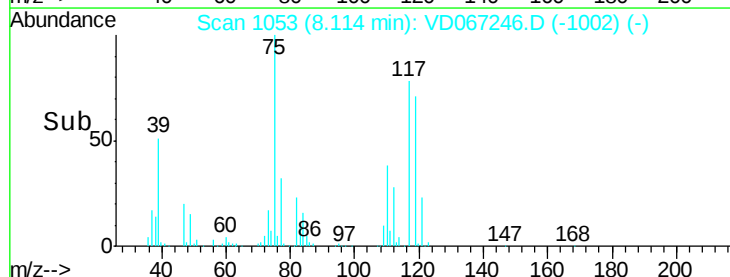
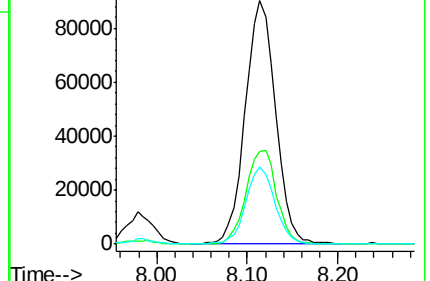
77 30.8 24.6 37.0

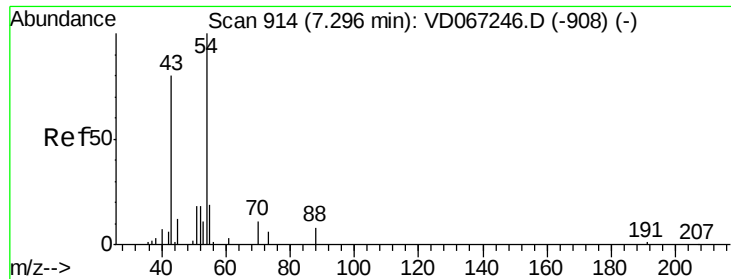


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

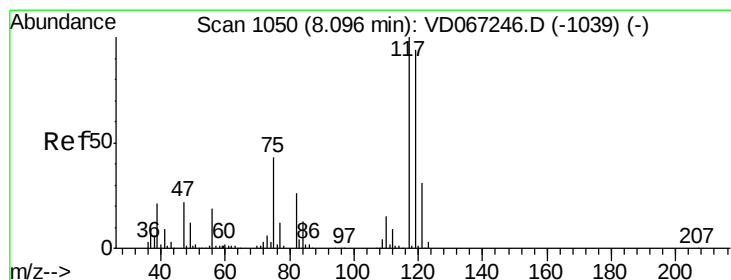
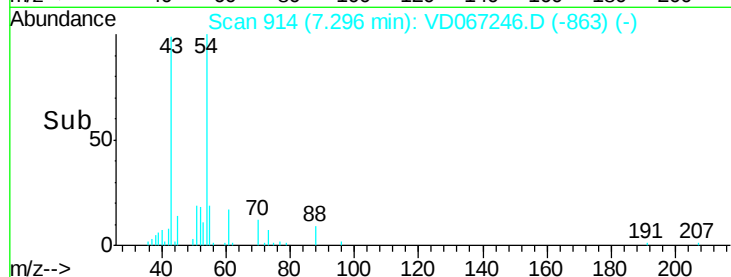
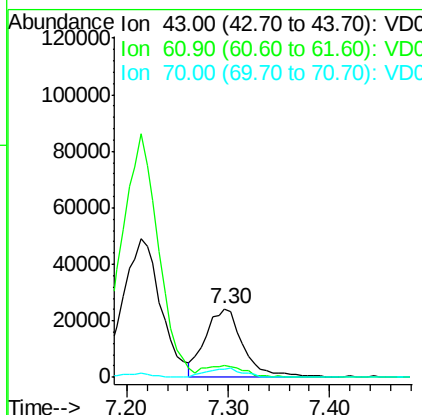
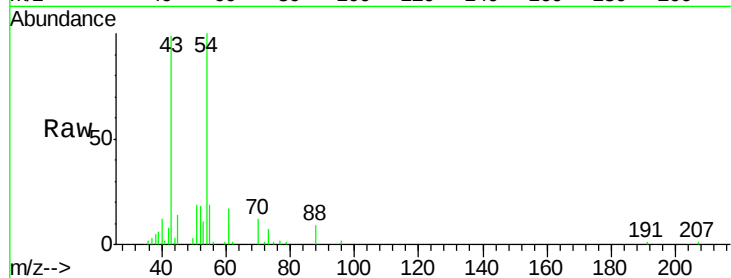




#37
Ethyl Acetate
Concen: 47.153 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

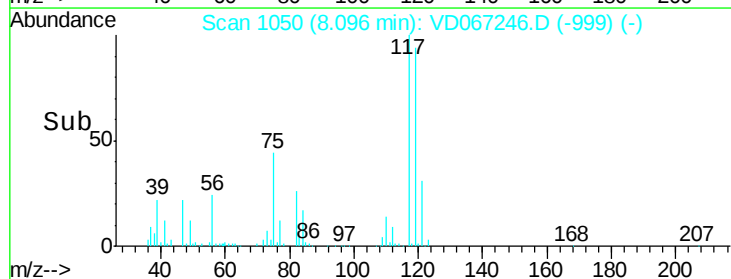
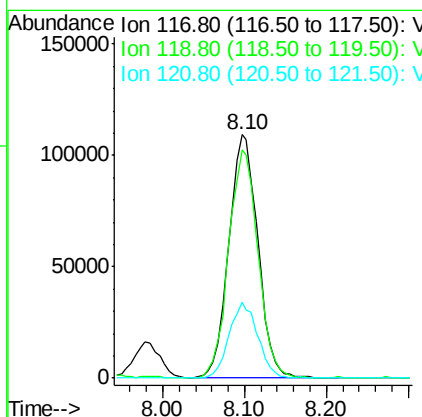
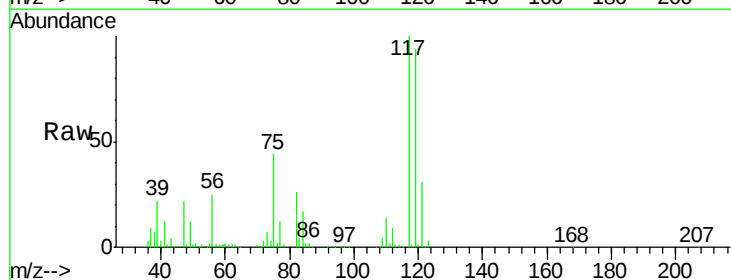
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

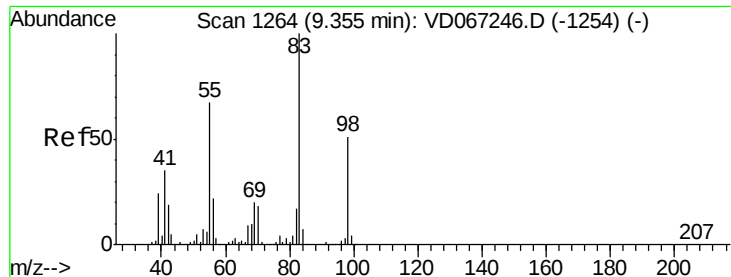
Tgt Ion: 43 Resp: 61719
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4
70 13.0 10.4 15.6



#38
Carbon Tetrachloride
Concen: 46.759 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 117 Resp: 270644
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.4
121 31.1 24.9 37.3

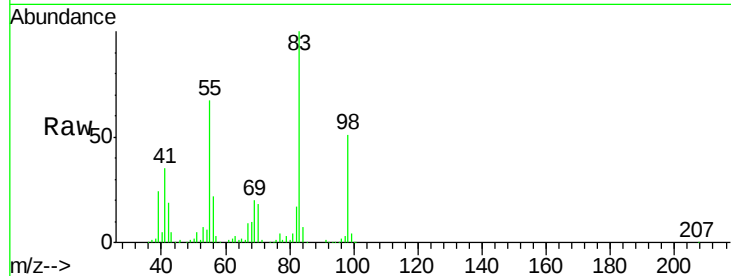




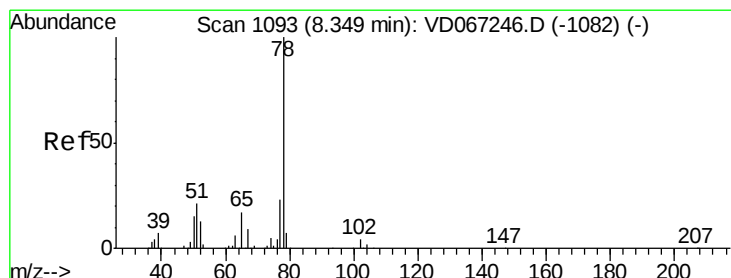
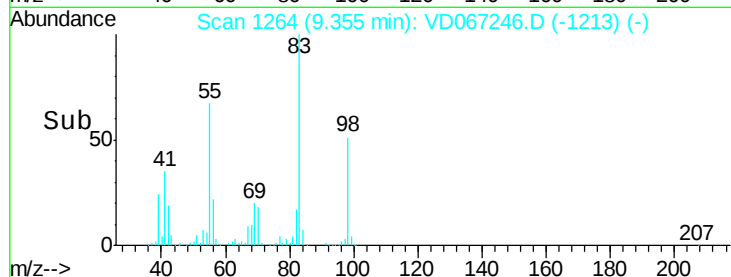
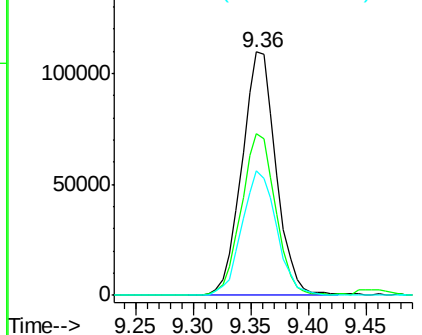
#39
Methylcyclohexane
Concen: 48.730 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 225579
Ion Ratio Lower Upper
83 100
55 66.6 53.3 79.9
98 51.2 41.0 61.4

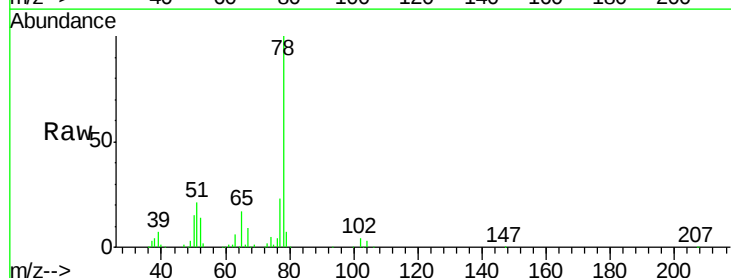


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

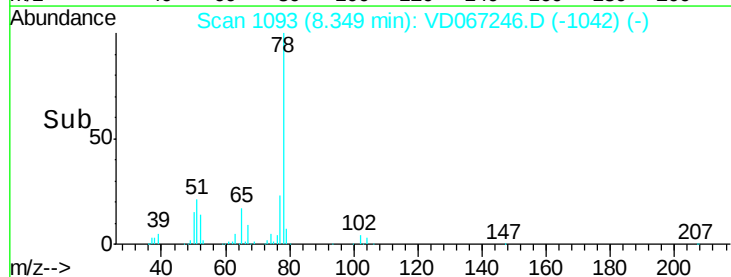
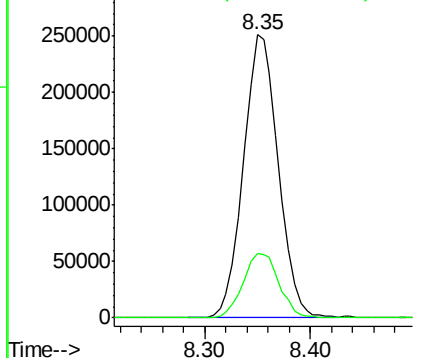


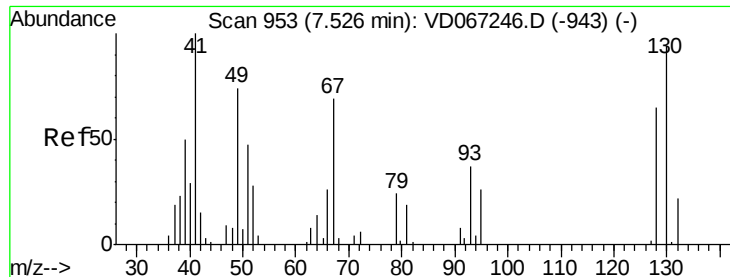
#40
Benzene
Concen: 46.235 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 78 Resp: 575176
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 51.168 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 28577

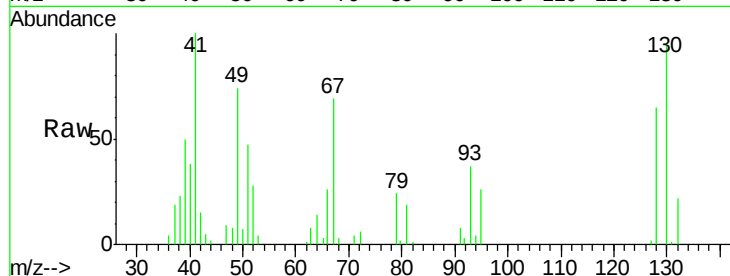
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

67 111.1 88.9 133.3

52 46.1 36.9 55.3

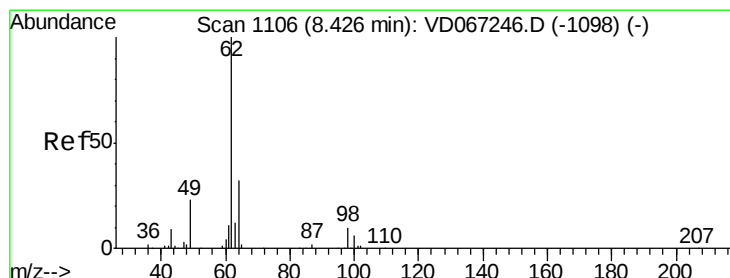
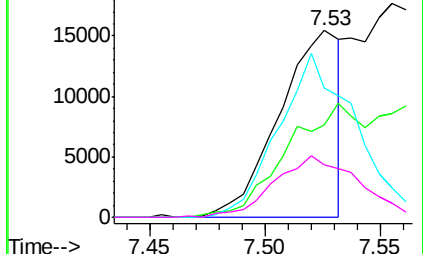
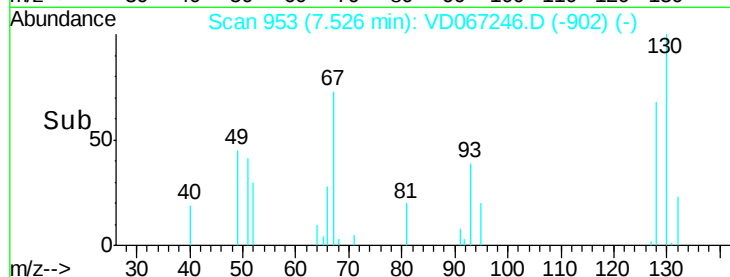


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 46.333 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067246.D

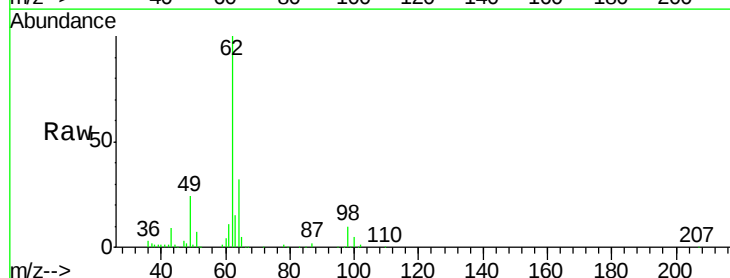
Acq: 13 Oct 2020 11:49

Tgt Ion: 62 Resp: 180088

Ion Ratio Lower Upper

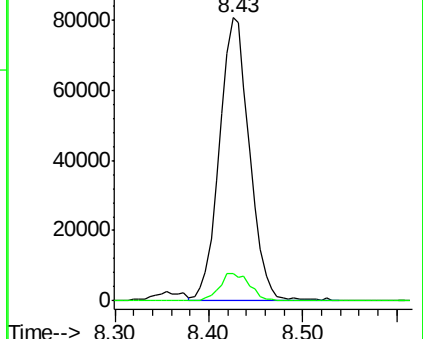
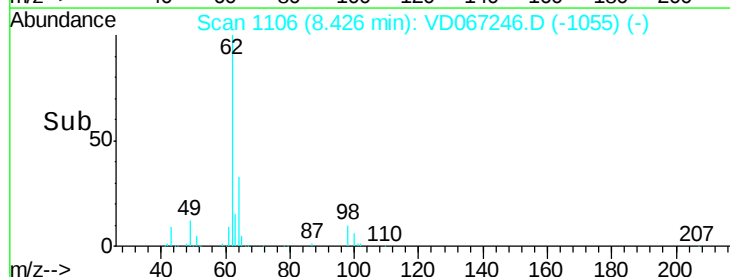
62 100

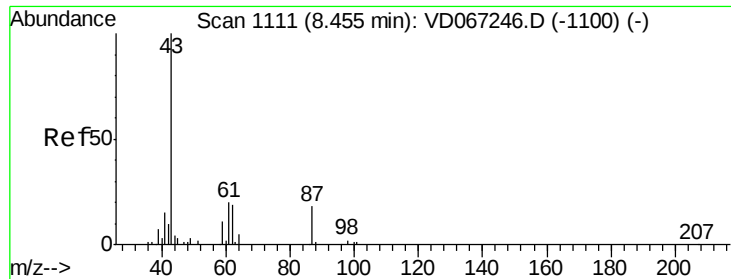
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.466 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

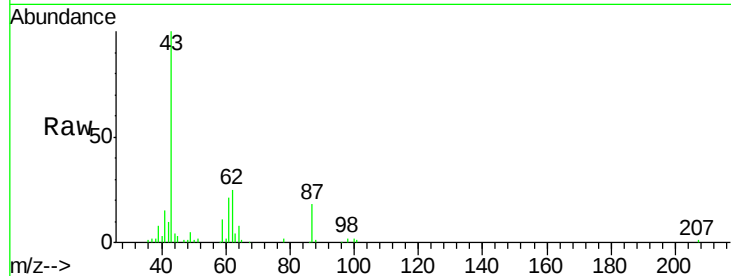
Tgt Ion: 43 Resp: 119180

Ion Ratio Lower Upper

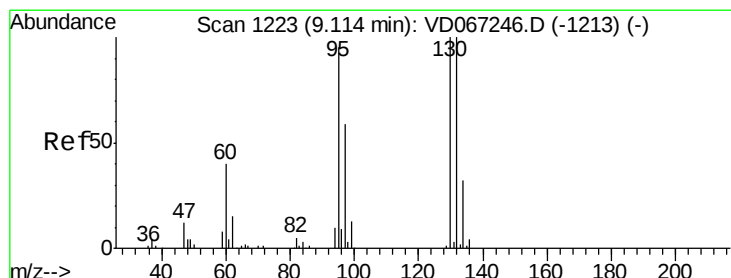
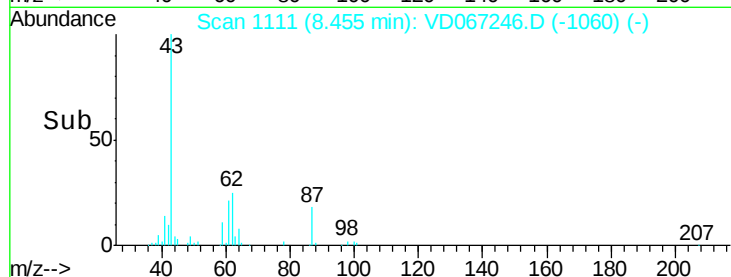
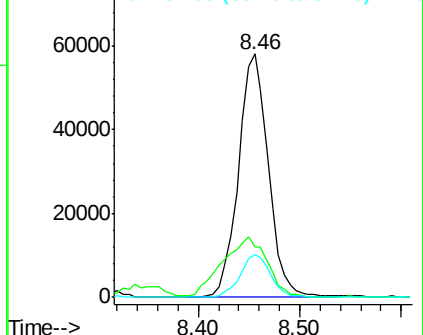
43 100

61 36.9 29.5 44.3

87 17.8 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: 46.652 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067246.D

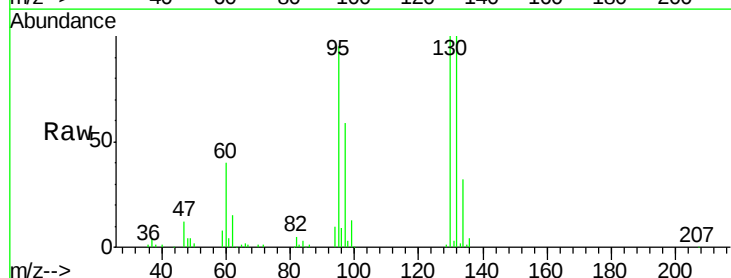
Acq: 13 Oct 2020 11:49

Tgt Ion: 130 Resp: 185452

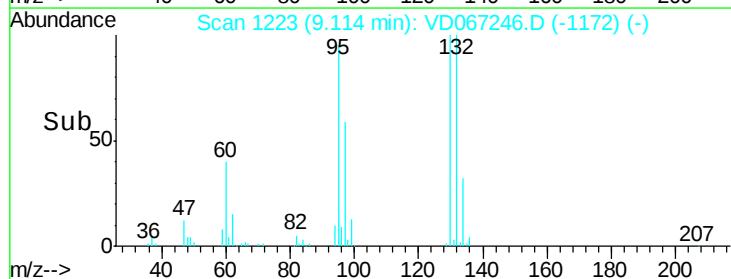
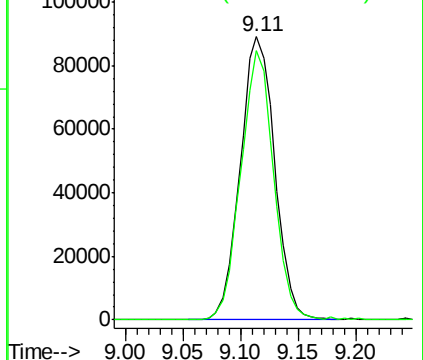
Ion Ratio Lower Upper

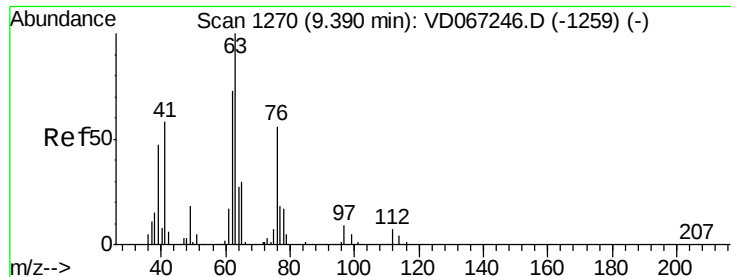
130 100

95 95.3 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: 46.292 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

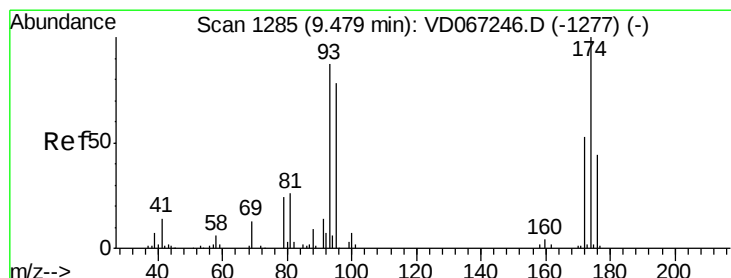
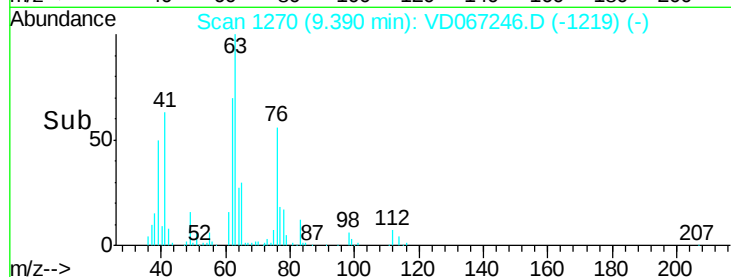
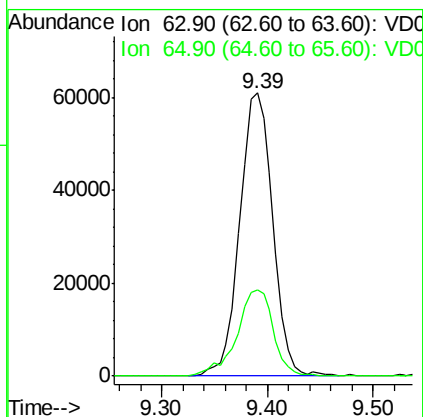
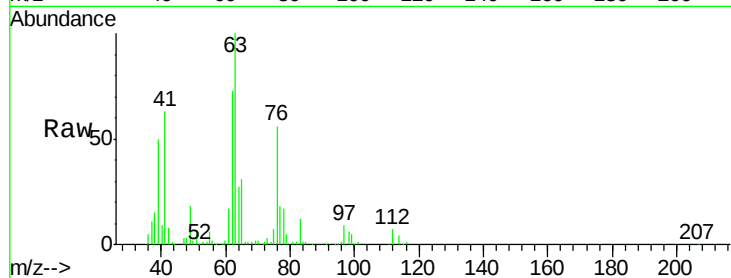
VSTDICCC050

Tgt Ion: 63 Resp: 132246

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 44.169 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

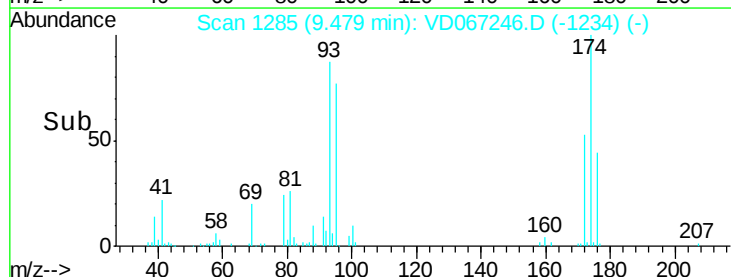
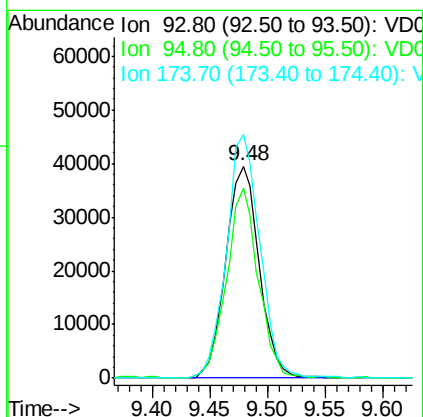
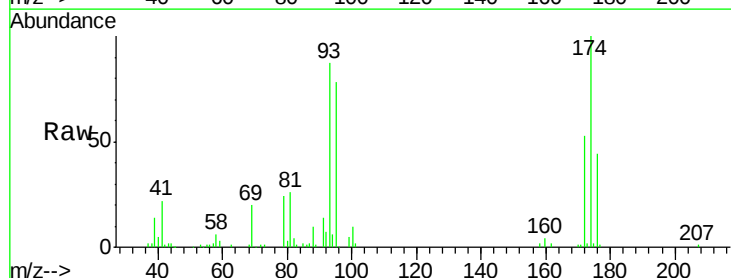
Tgt Ion: 93 Resp: 79445

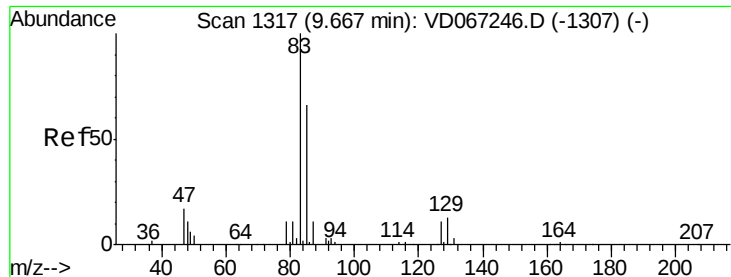
Ion Ratio Lower Upper

93 100

95 85.0 68.0 102.0

174 114.7 91.8 137.6





#47

Bromodichloromethane

Concen: 46.159 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

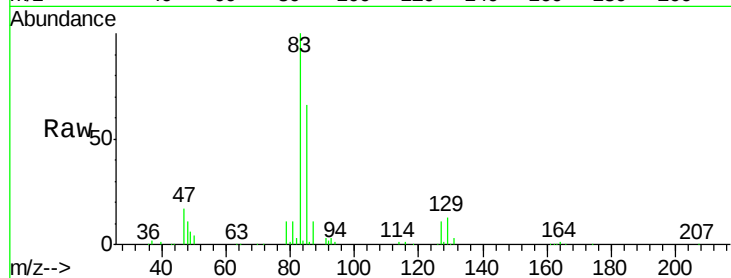
Tgt Ion: 83 Resp: 219875

Ion Ratio Lower Upper

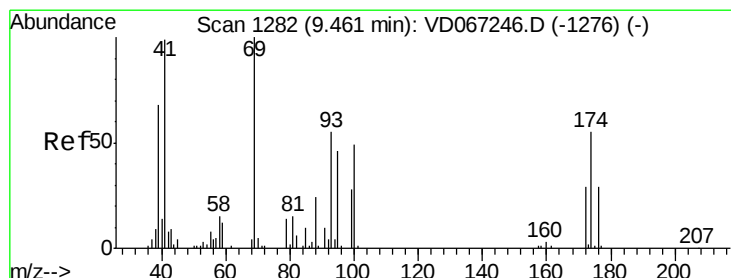
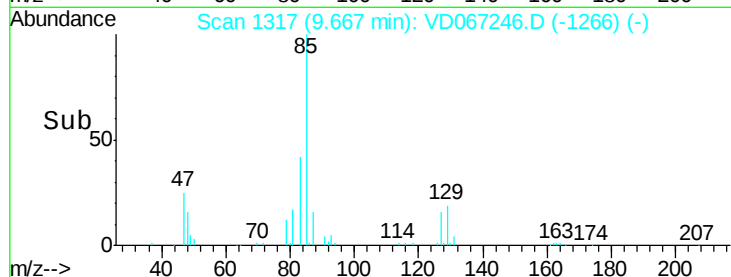
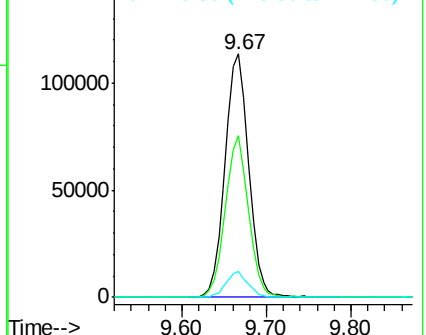
83 100

85 66.4 53.1 79.7

127 10.8 8.6 13.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 45.806 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

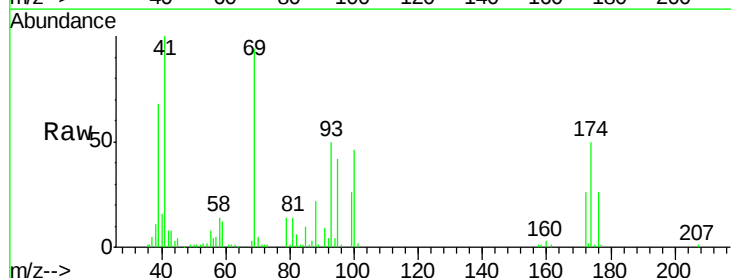
Tgt Ion: 41 Resp: 57235

Ion Ratio Lower Upper

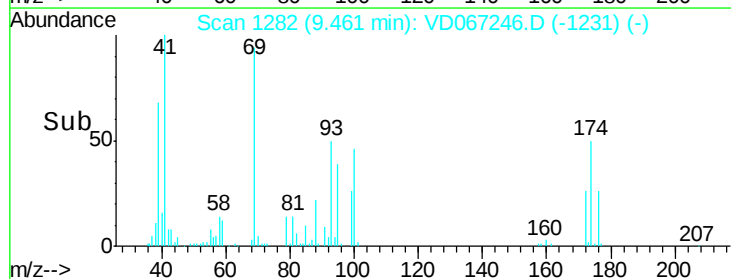
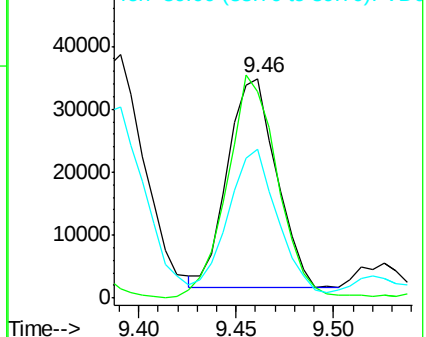
41 100

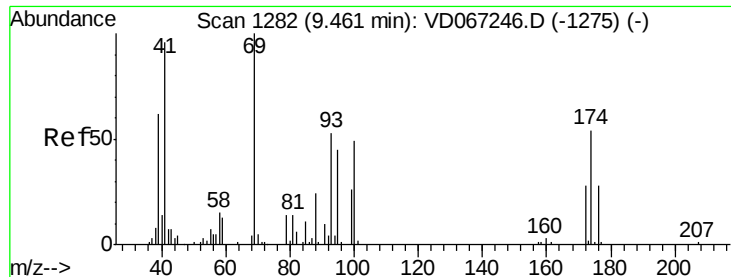
69 111.3 89.0 133.6

39 75.2 60.2 90.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

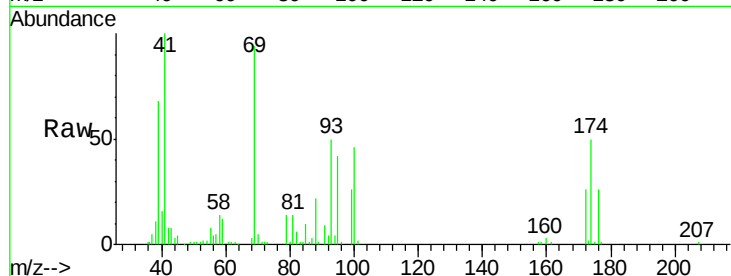




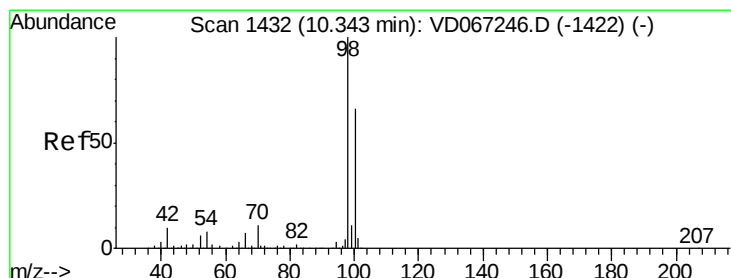
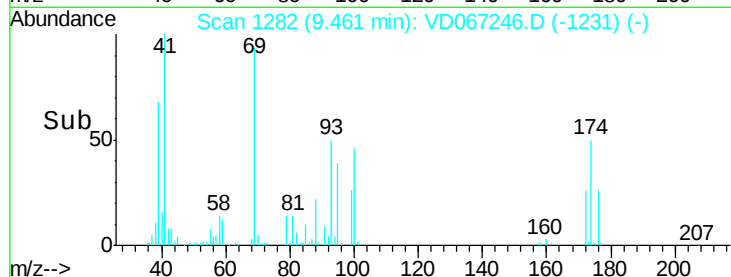
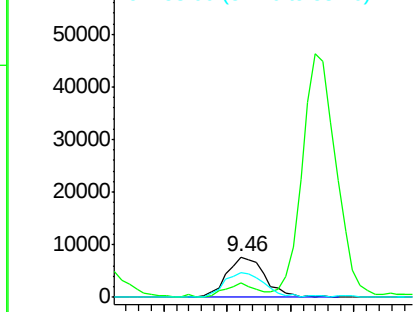
#49
1,4-Dioxane
Concen: 841.221 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 16049
Ion Ratio Lower Upper
88 100
43 29.9 23.9 35.9
58 63.8 51.0 76.6

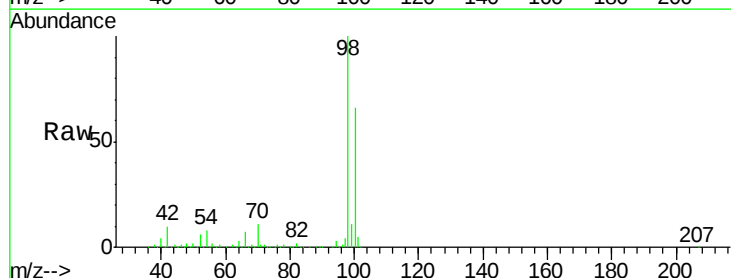


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

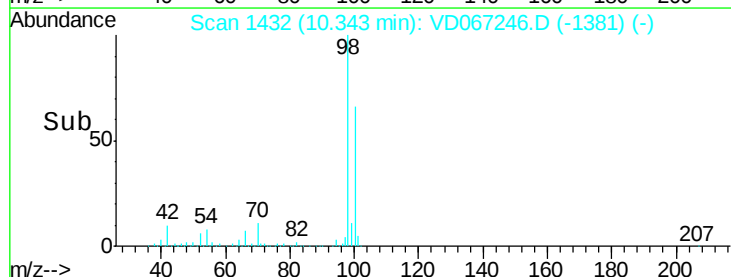
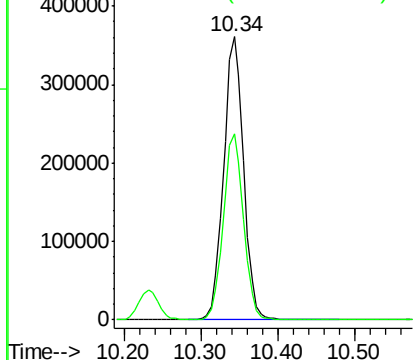


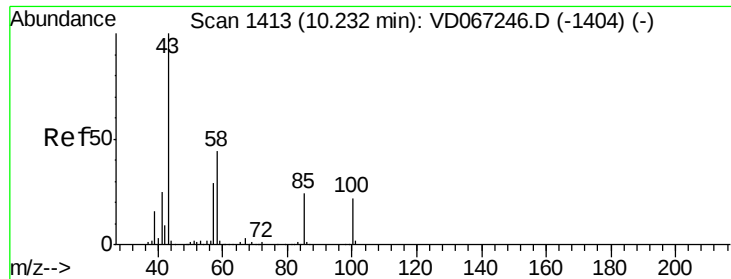
#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 98 Resp: 650277
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



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

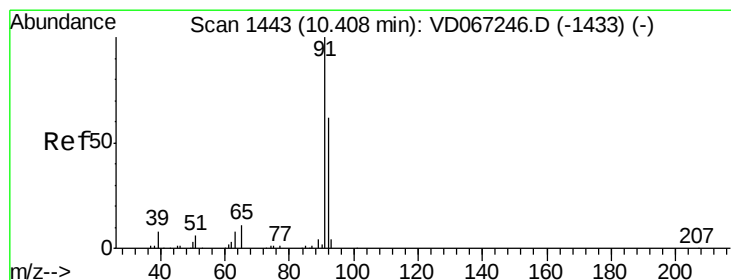
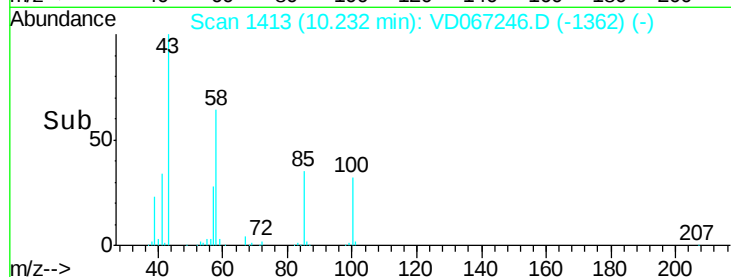
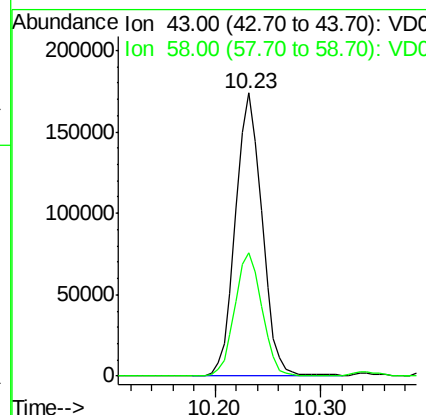
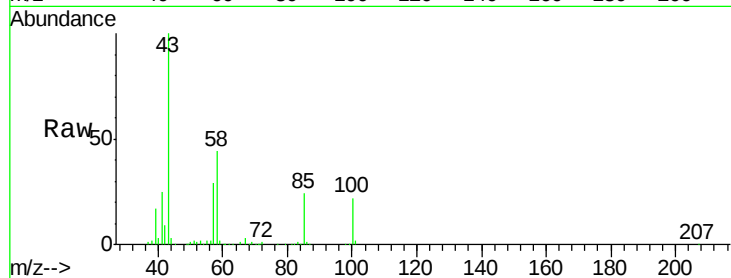




#51
 4-Methyl-2-Pentanone
 Concen: 232.078 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

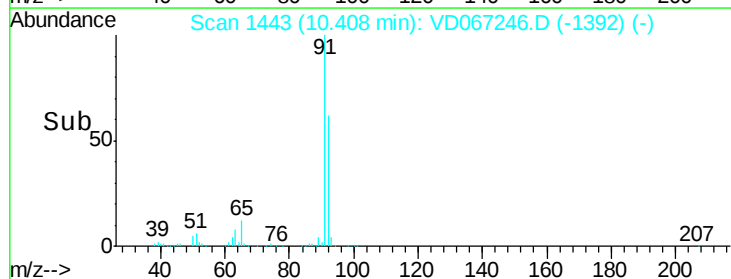
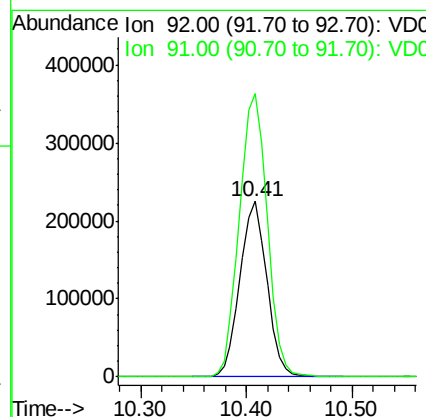
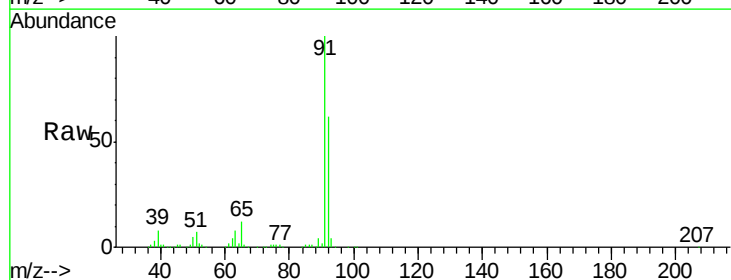
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 302051
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.7 53.5



#52
 Toluene
 Concen: 47.305 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 92 Resp: 398371
 Ion Ratio Lower Upper
 92 100
 91 167.3 133.8 200.8

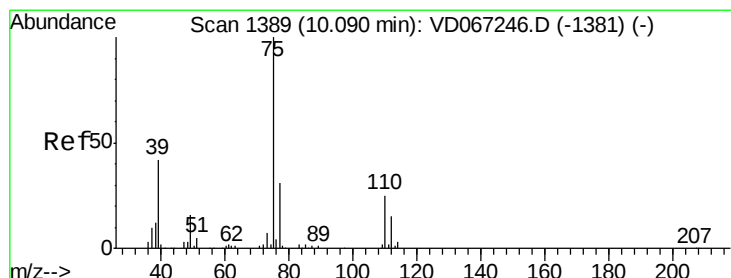
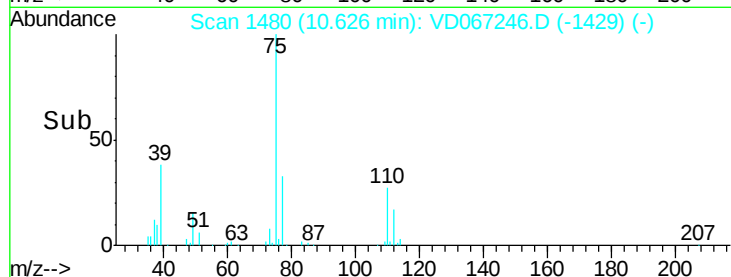
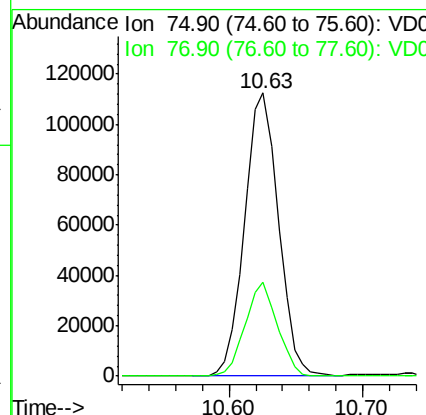
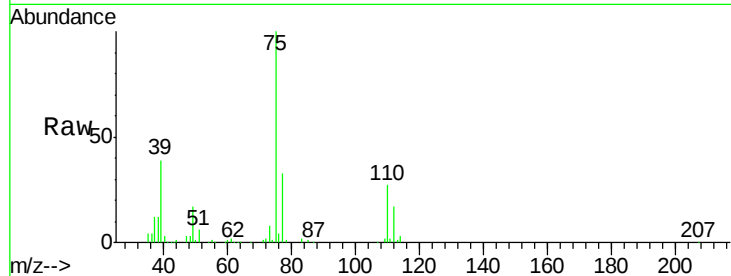




#53
t-1,3-Dichloropropene
Concen: 47.729 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

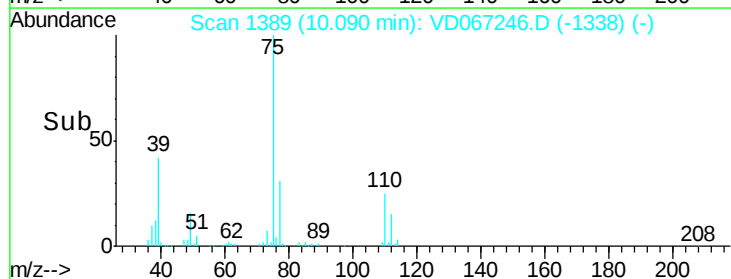
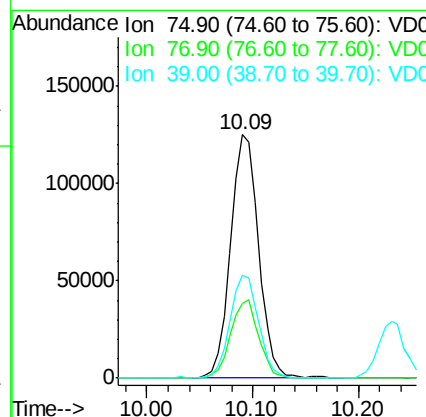
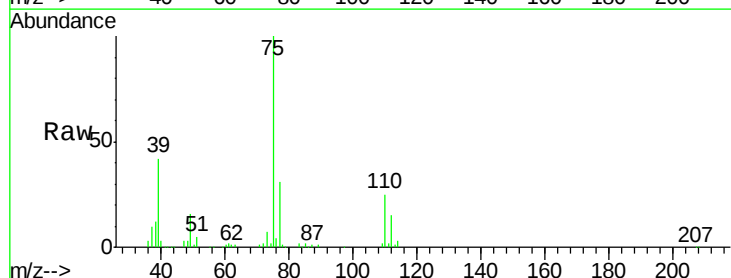
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

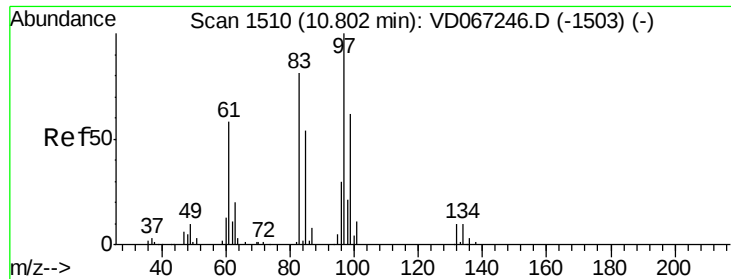
Tgt Ion: 75 Resp: 197753
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 47.208 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 75 Resp: 229152
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 42.1 33.7 50.5

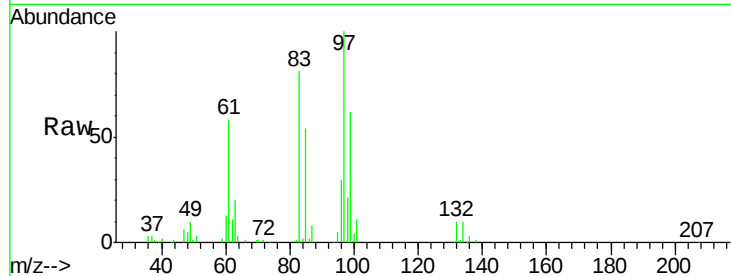




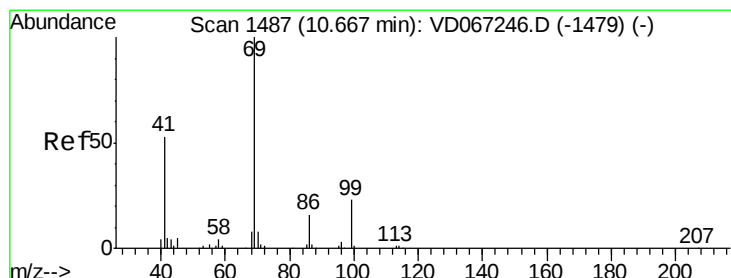
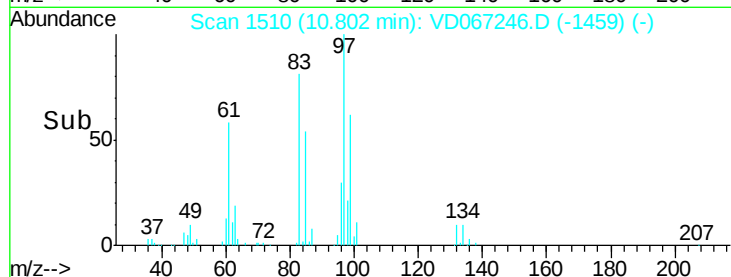
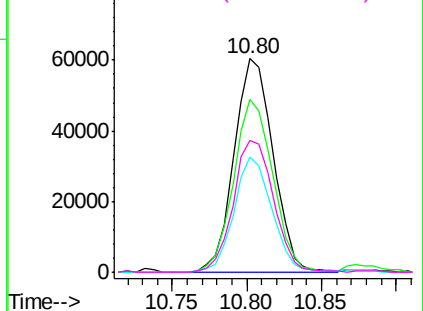
#55
 1,1,2-Trichloroethane
 Concen: 44.546 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	110014
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.9	97.3
85	54.1	43.3	64.9
99	61.4	49.1	73.7

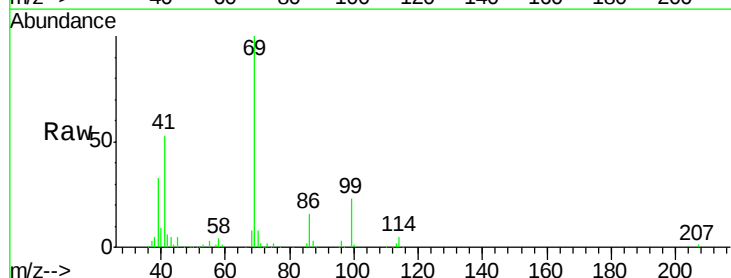


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

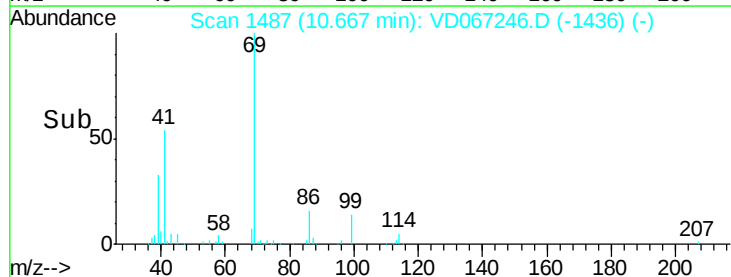
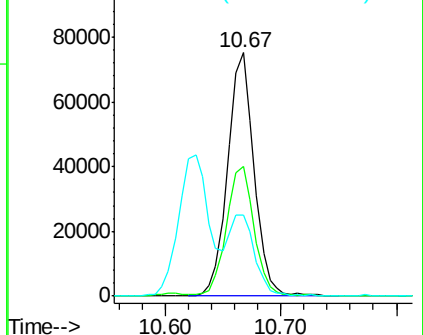


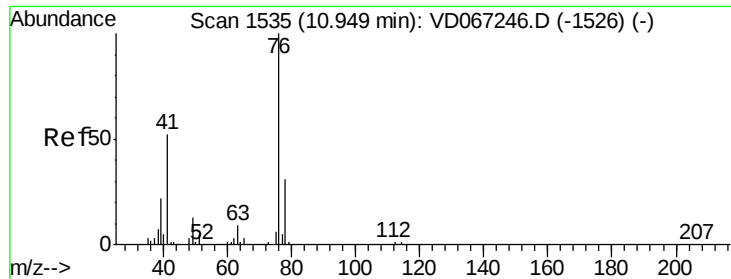
#56
 Ethyl methacrylate
 Concen: 49.479 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion:	69	Resp:	119395
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	32.7	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

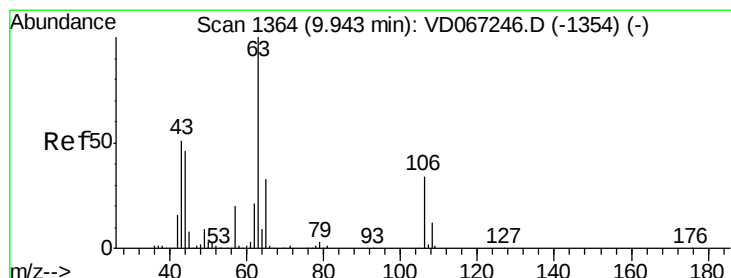
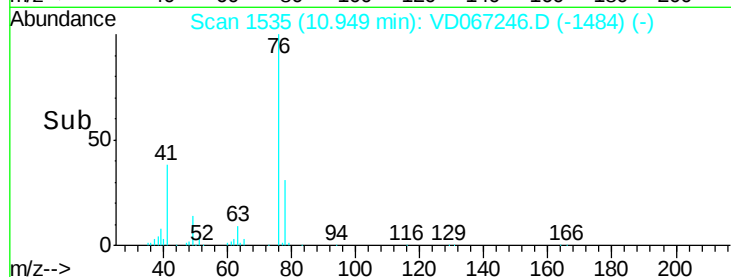
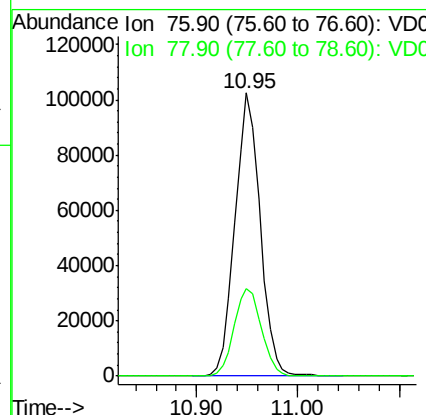
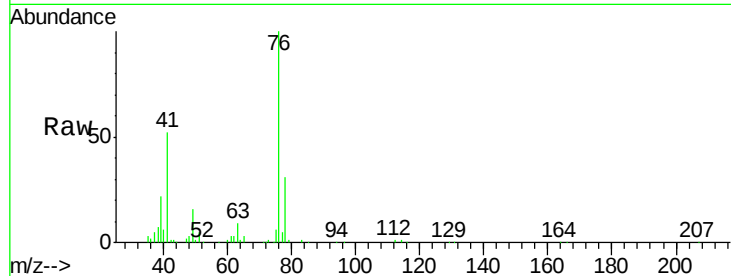




#57
 1,3-Dichloropropane
 Concen: 45.737 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

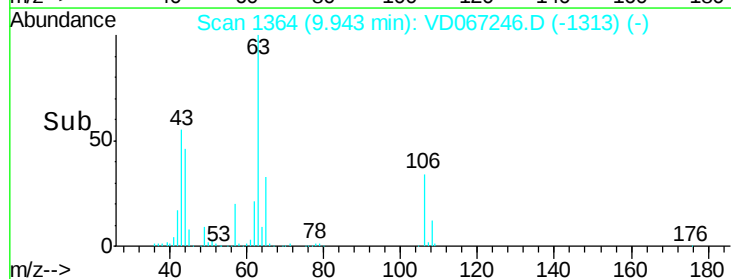
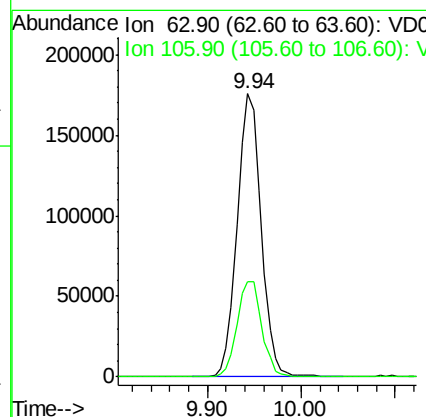
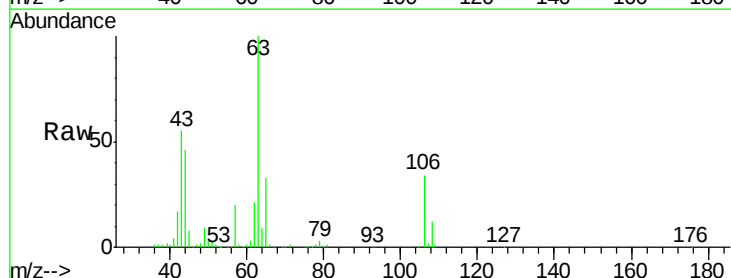
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

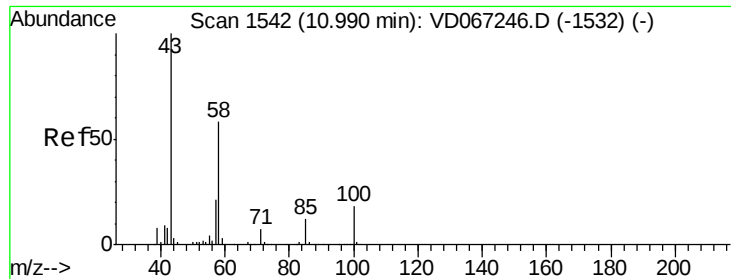
Tgt Ion: 76 Resp: 176835
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.174 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 63 Resp: 312189
 Ion Ratio Lower Upper
 63 100
 106 34.7 27.8 41.6

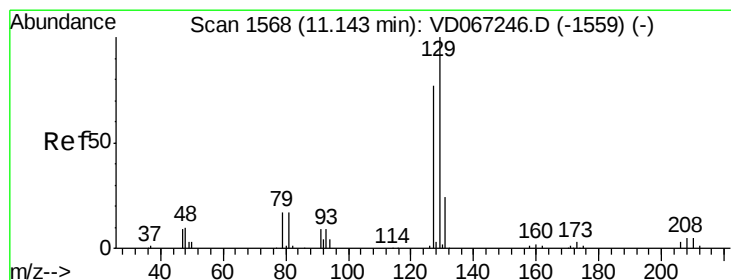
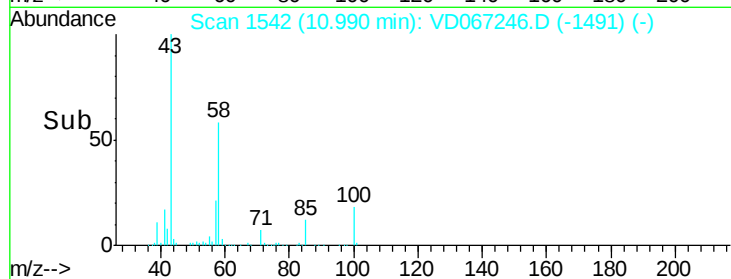
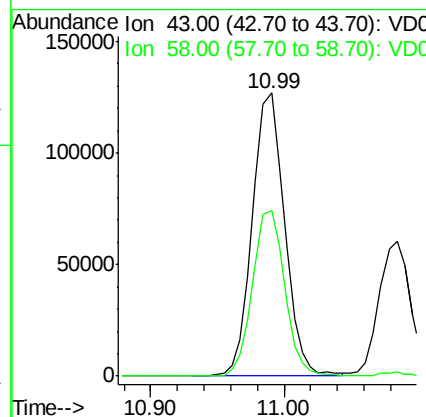
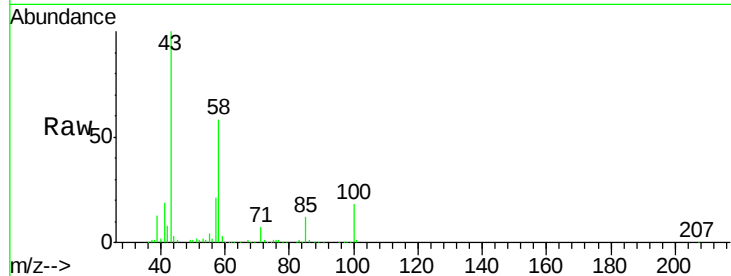




#59
2-Hexanone
Concen: 241.740 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

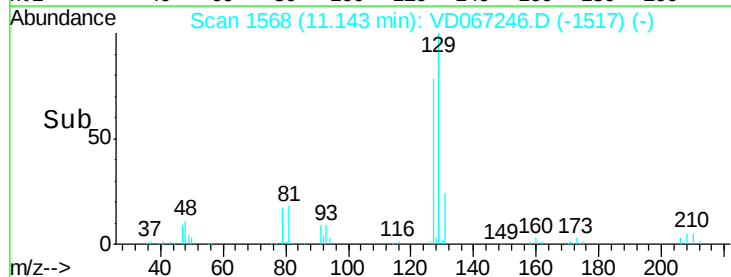
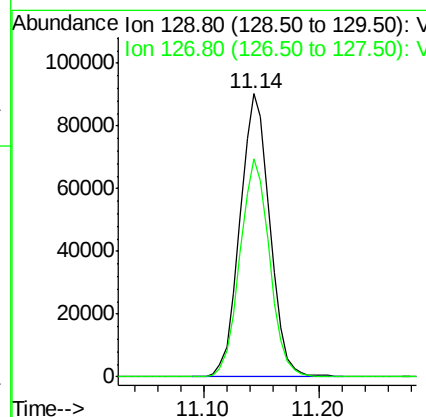
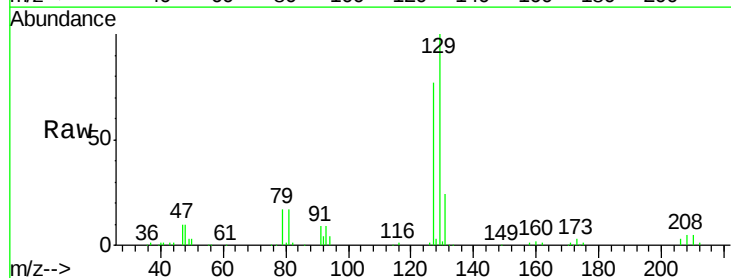
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

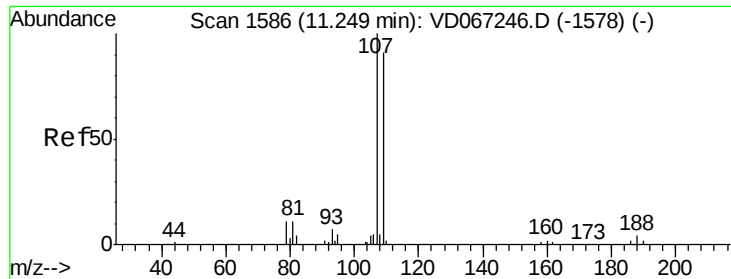
Tgt Ion: 43 Resp: 211866
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 45.249 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 129 Resp: 161398
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

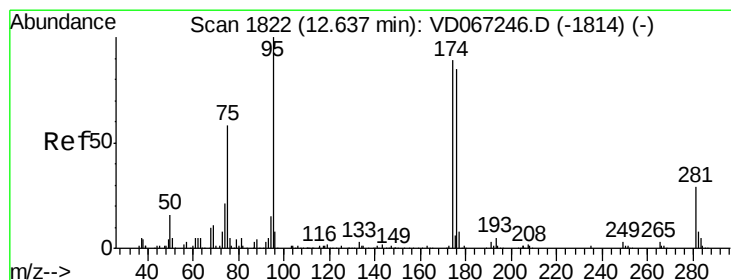
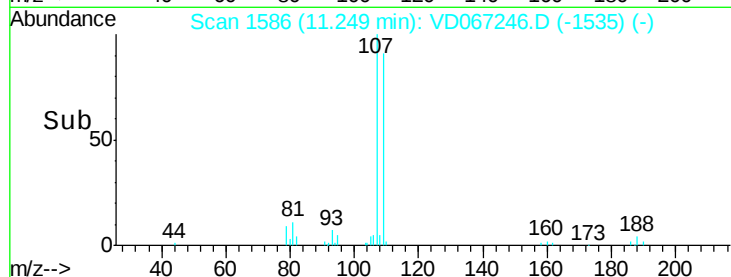
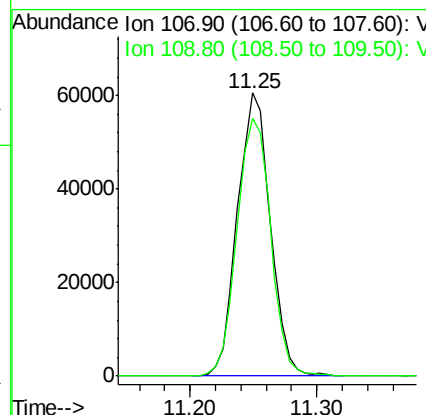
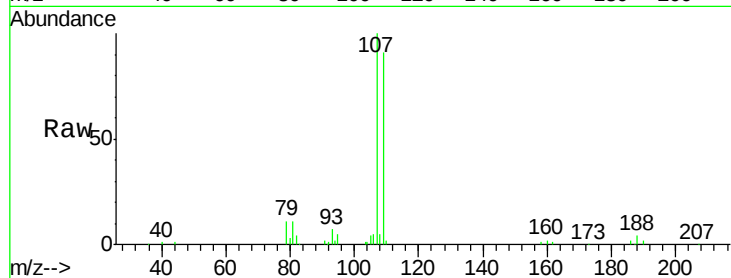




#61
 1,2-Dibromoethane
 Concen: 45.234 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

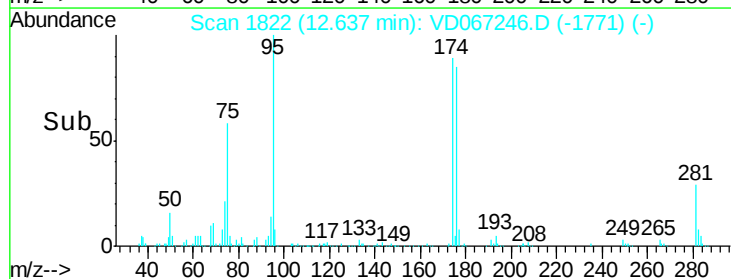
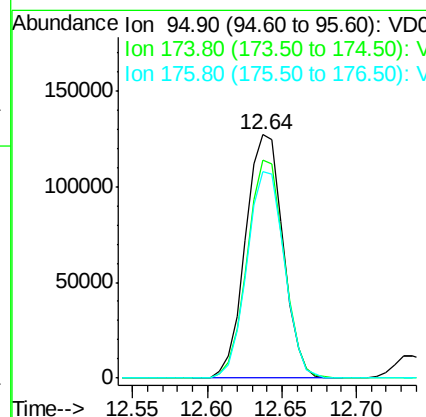
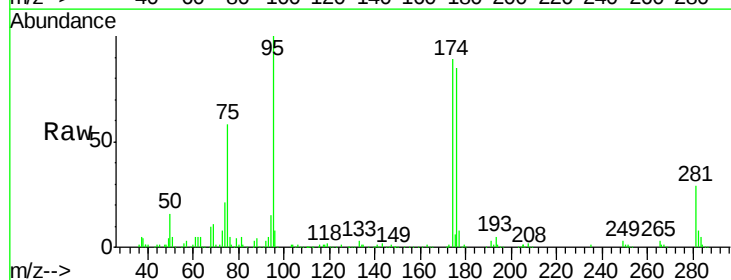
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 108760
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.612 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 95 Resp: 220664
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.2
 176 84.3 0.0 168.6

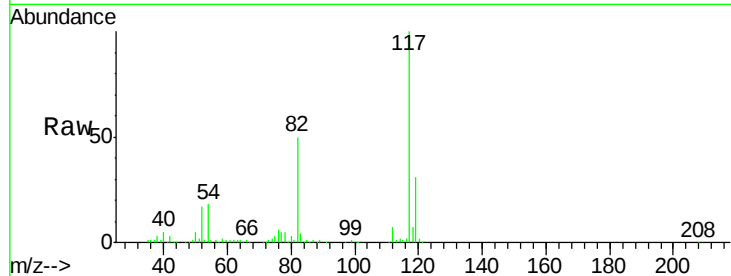




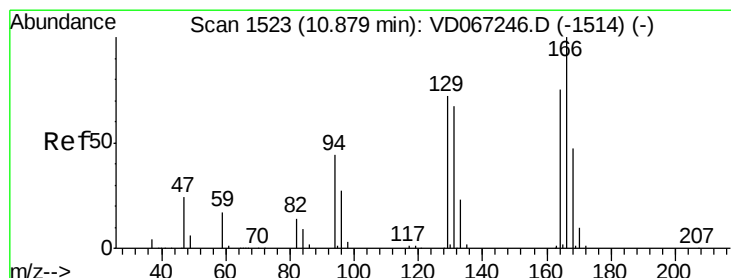
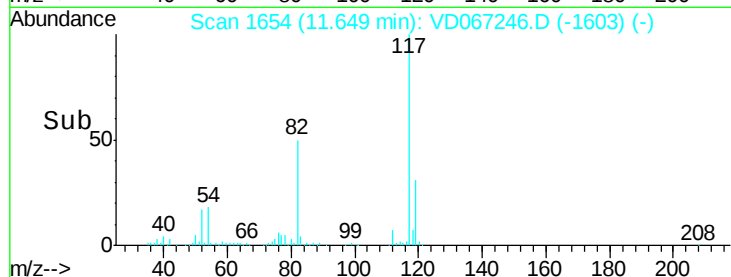
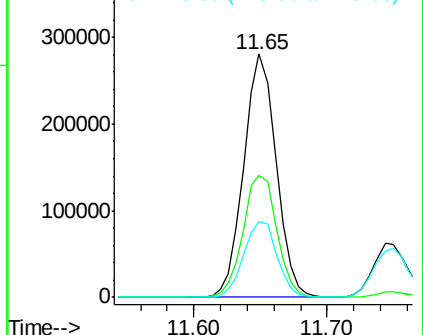
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 471458
Ion Ratio Lower Upper
117 100
82 49.9 39.9 59.9
119 31.1 24.9 37.3

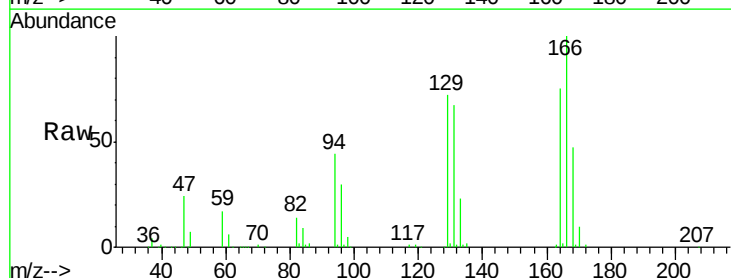


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

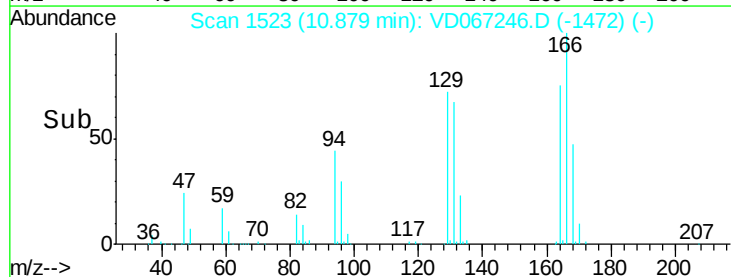
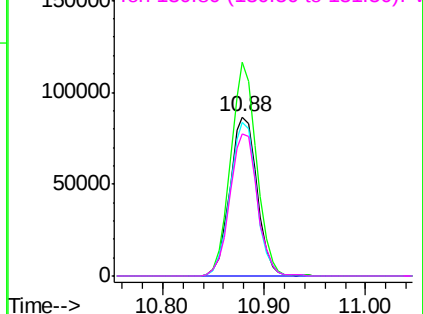


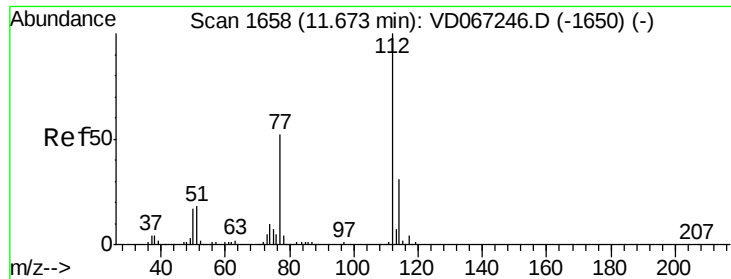
#64
Tetrachloroethene
Concen: 44.689 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:164 Resp: 160557
Ion Ratio Lower Upper
164 100
166 134.1 107.3 160.9
129 96.6 77.3 115.9
131 89.3 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

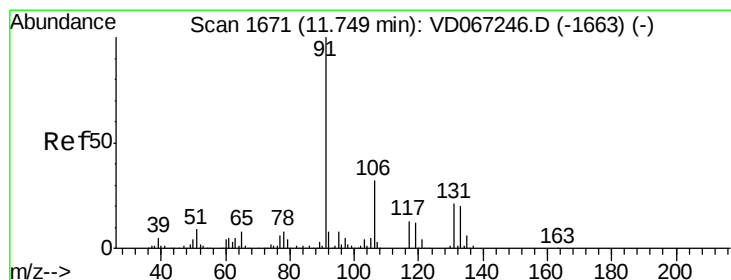
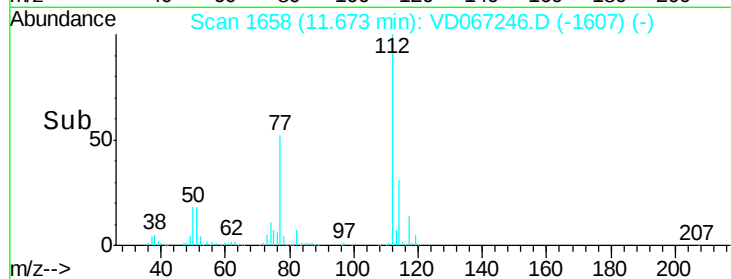
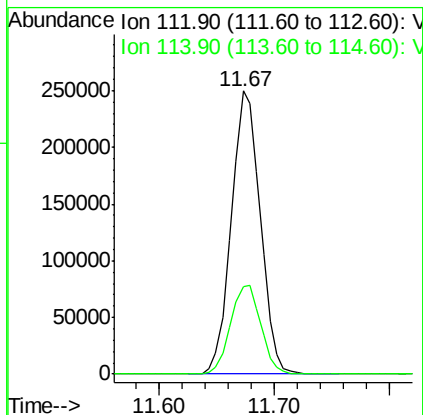
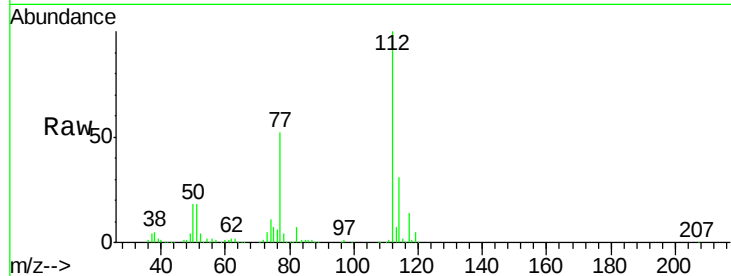




#65
Chlorobenzene
Concen: 46.142 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

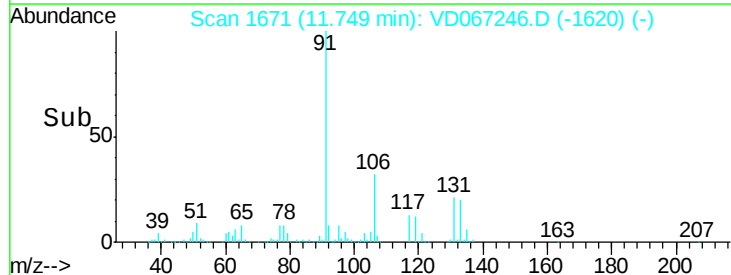
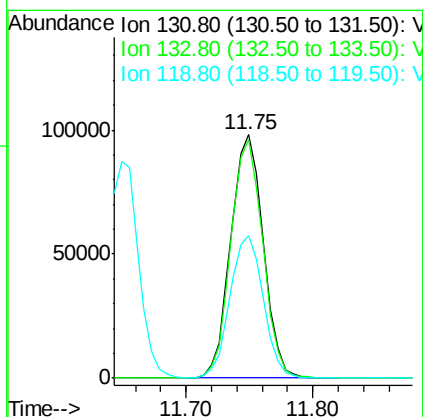
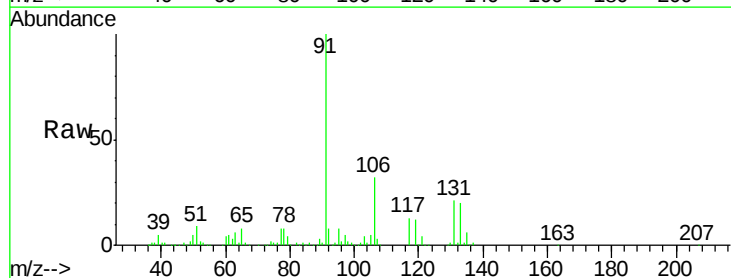
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

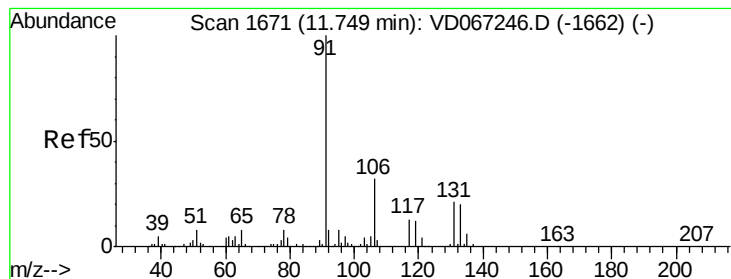
Tgt Ion:112 Resp: 432711
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.872 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:131 Resp: 174543
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 60.0 30.0 90.0





#67

Ethyl Benzene

Concen: 48.537 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

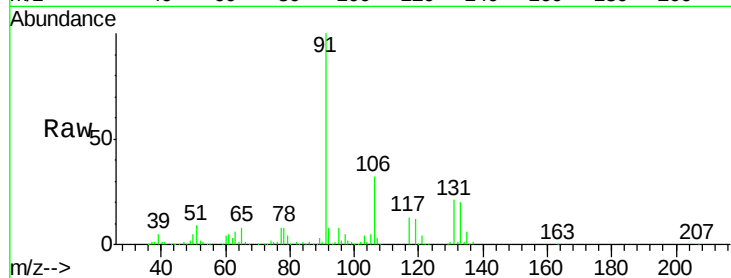
VSTDICCC050

Tgt Ion: 91 Resp: 765824

Ion Ratio Lower Upper

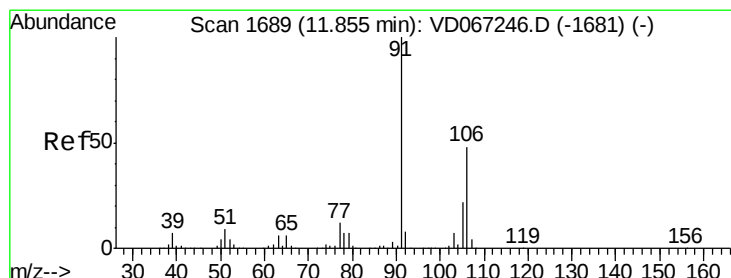
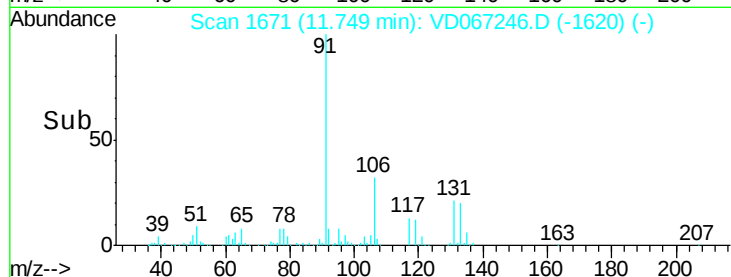
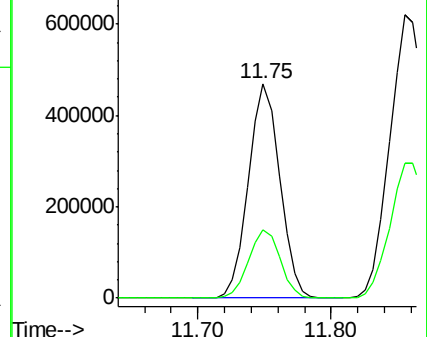
91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.886 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067246.D

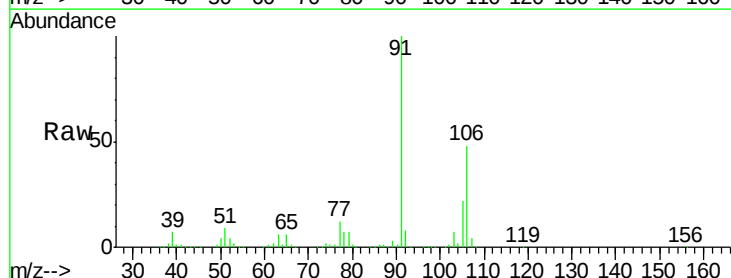
Acq: 13 Oct 2020 11:49

Tgt Ion: 106 Resp: 587782

Ion Ratio Lower Upper

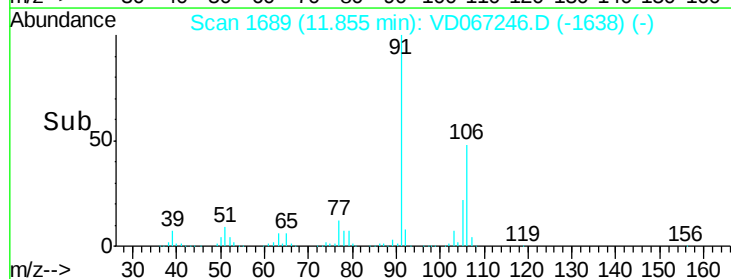
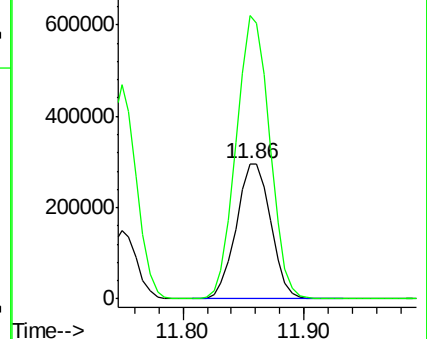
106 100

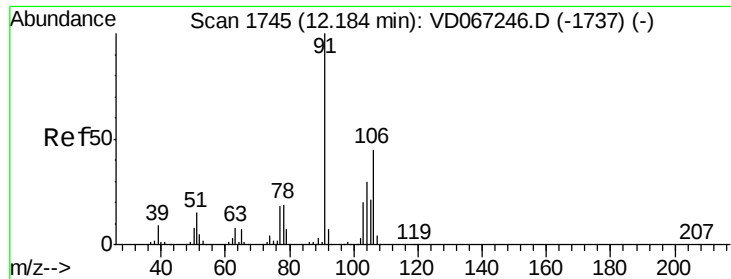
91 204.8 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

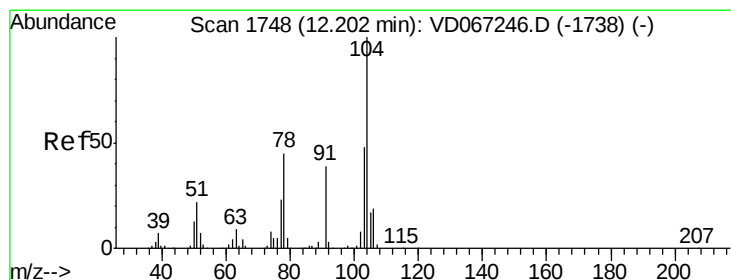
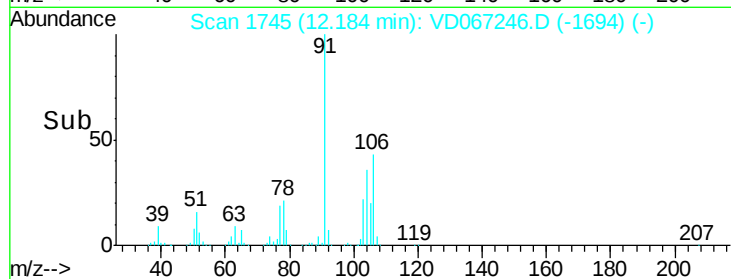
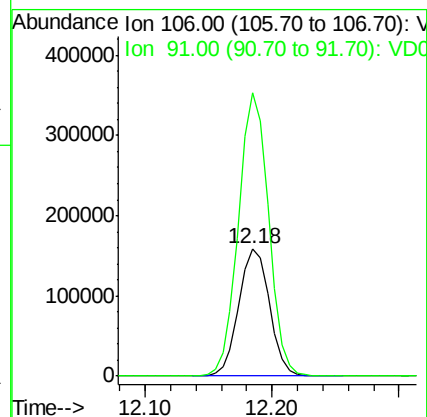
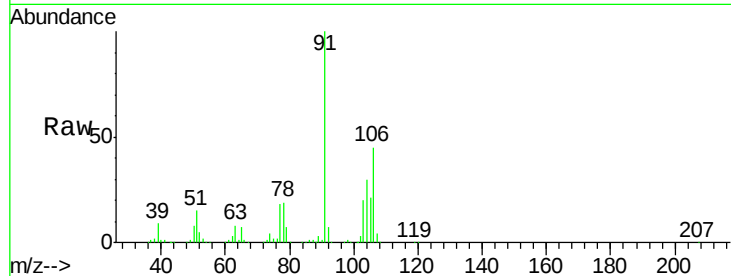




#69
o-Xylene
Concen: 46.960 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

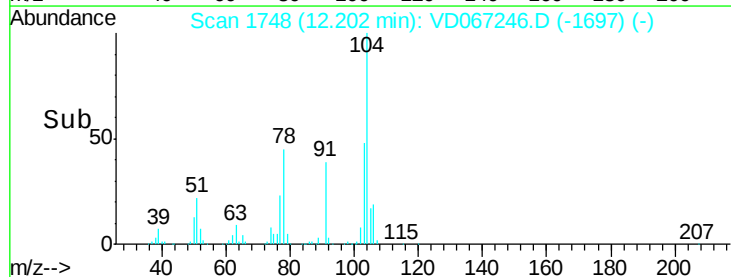
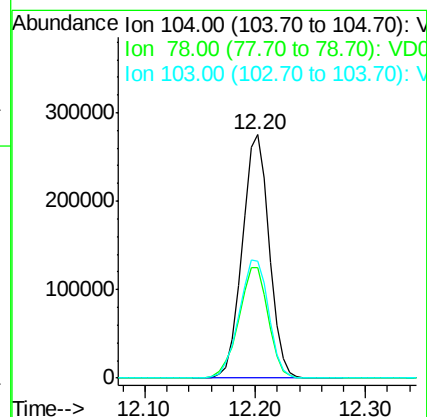
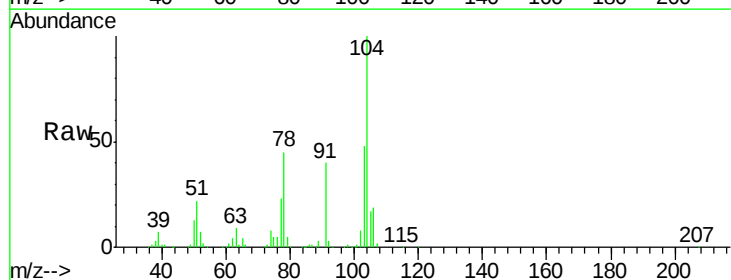
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

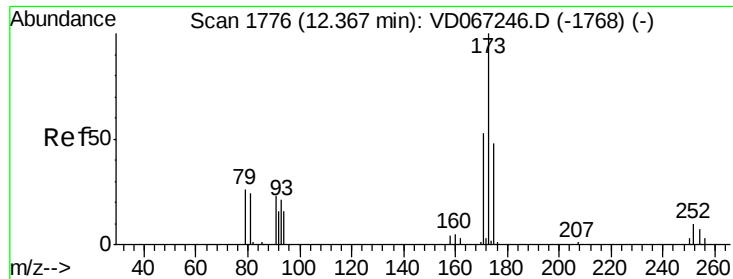
Tgt Ion:106 Resp: 266173
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3



#70
Styrene
Concen: 48.399 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:104 Resp: 471374
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 53.3 42.6 64.0





#71

Bromoform

Concen: 44.731 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

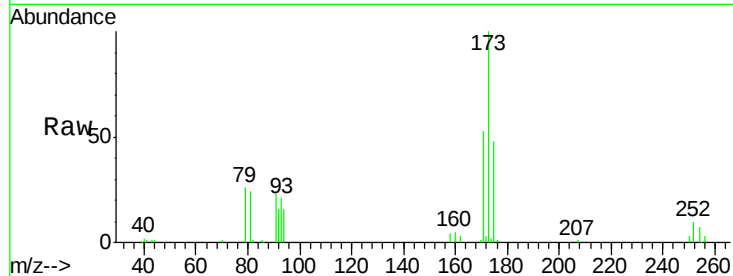
Tgt Ion:173 Resp: 89082

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

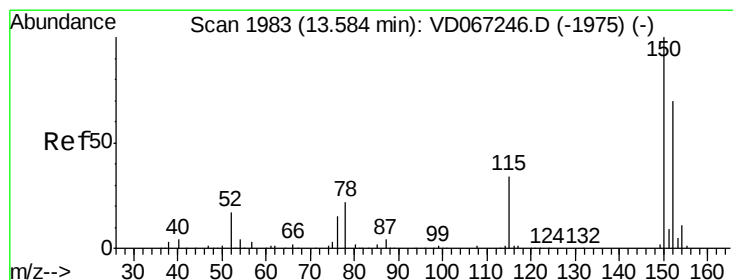
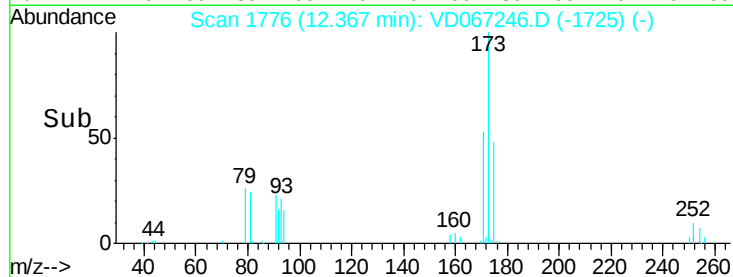
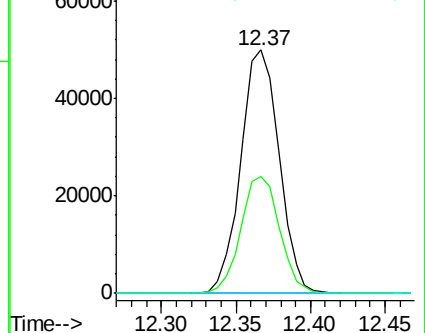
254 0.1 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

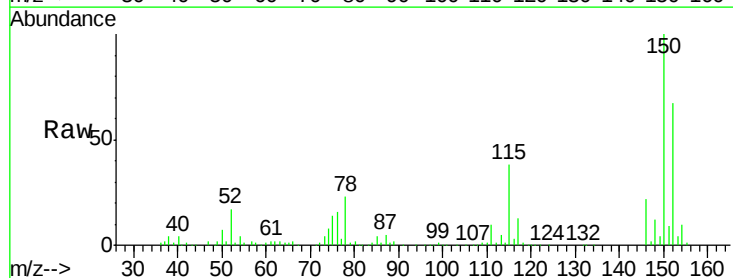
Tgt Ion:152 Resp: 234352

Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.9

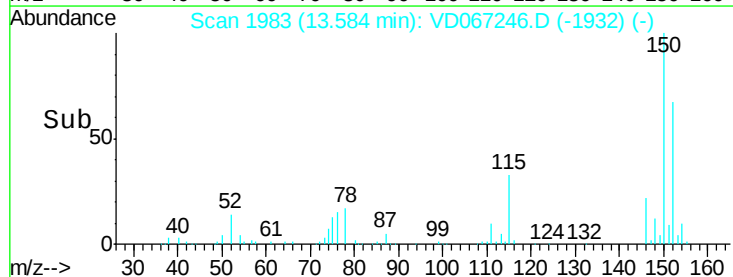
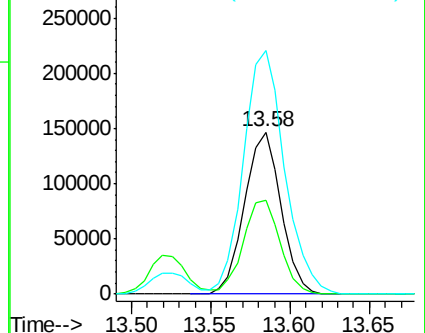
150 169.5 0.0 339.0

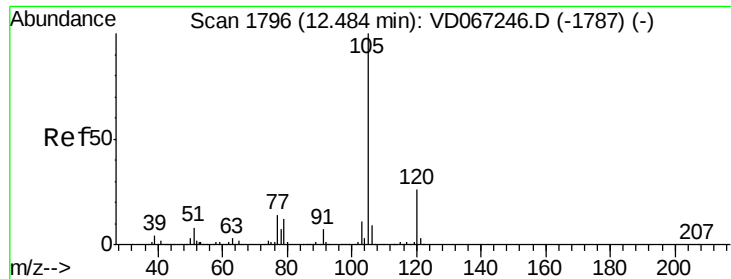


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.798 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

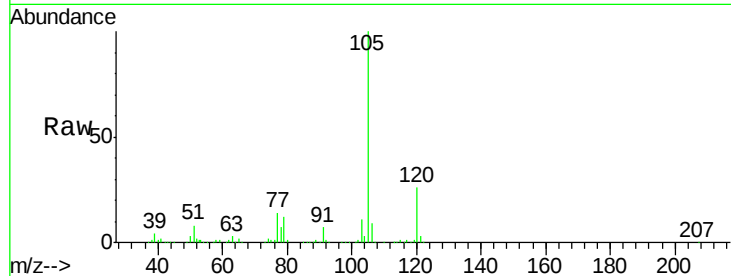
VSTDICCC050

Tgt Ion:105 Resp: 761262

Ion Ratio Lower Upper

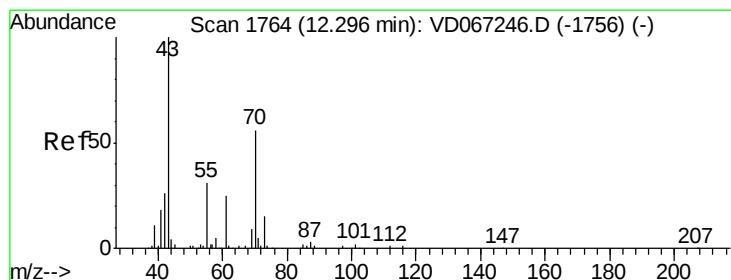
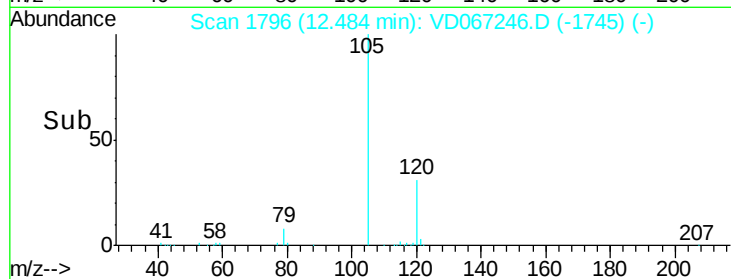
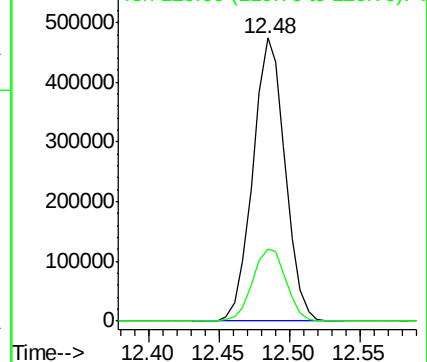
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.795 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Tgt Ion: 43 Resp: 108909

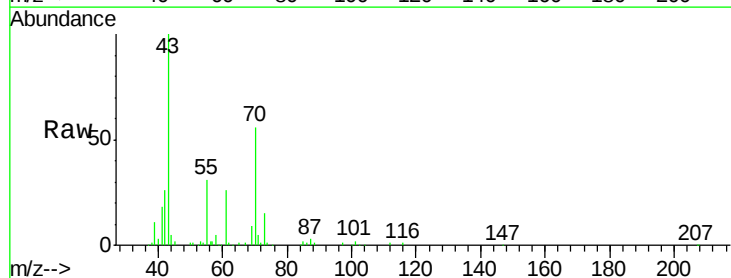
Ion Ratio Lower Upper

43 100

70 53.4 42.7 64.1

55 30.0 24.0 36.0

61 27.8 22.2 33.4

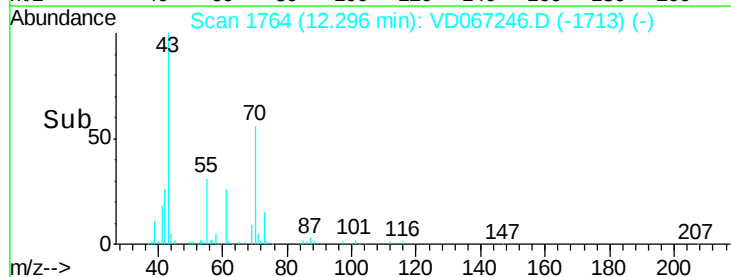
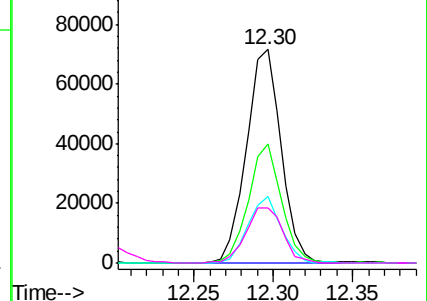


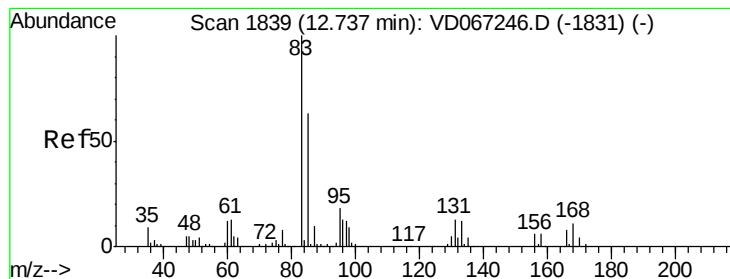
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.720 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

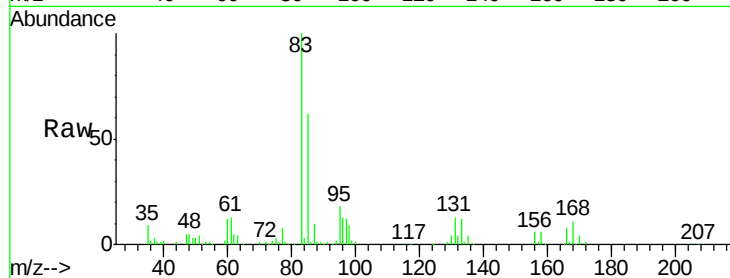
Tgt Ion: 83 Resp: 109456

Ion Ratio Lower Upper

83 100

131 13.0 6.5 19.5

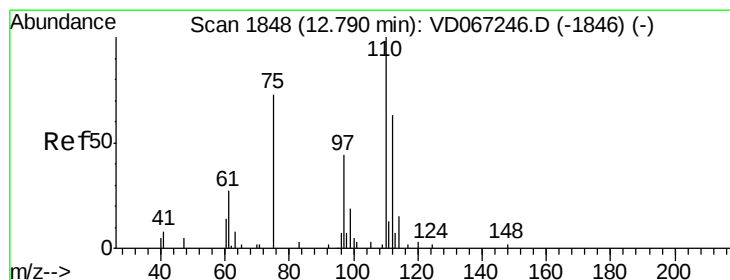
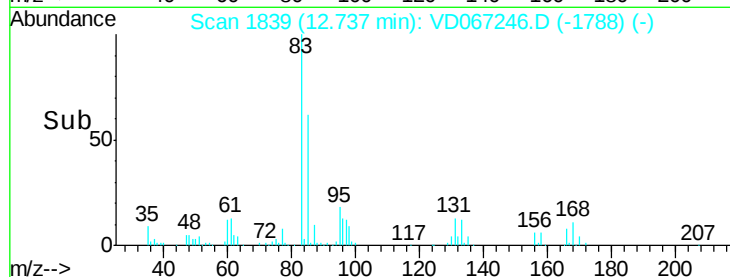
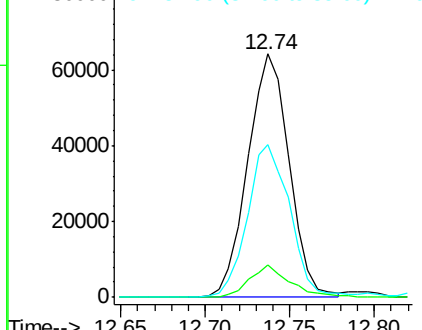
85 65.1 32.6 97.7



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: 88.317 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067246.D

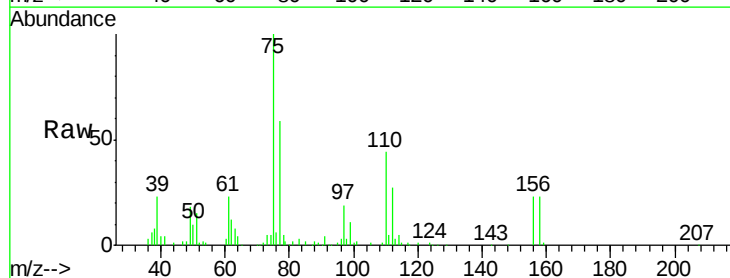
Acq: 13 Oct 2020 11:49

Tgt Ion: 75 Resp: 148024

Ion Ratio Lower Upper

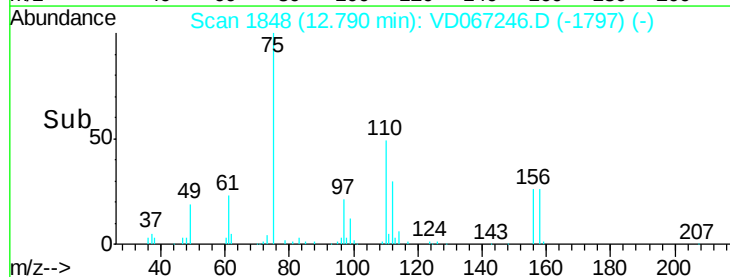
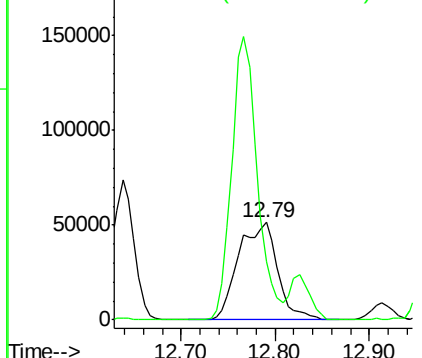
75 100

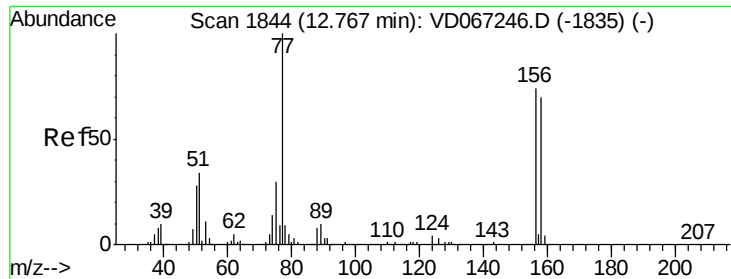
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.803 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067246.D

Acq: 13 Oct 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

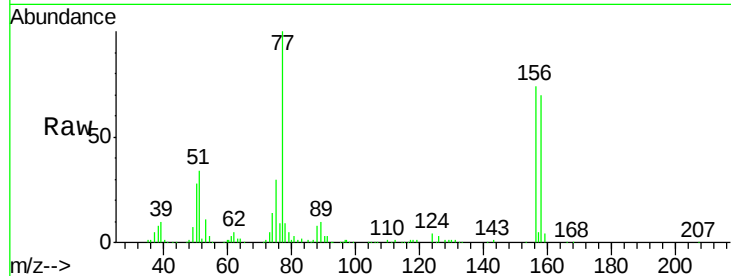
Tgt Ion:156 Resp: 182344

Ion Ratio Lower Upper

156 100

77 155.9 78.0 233.8

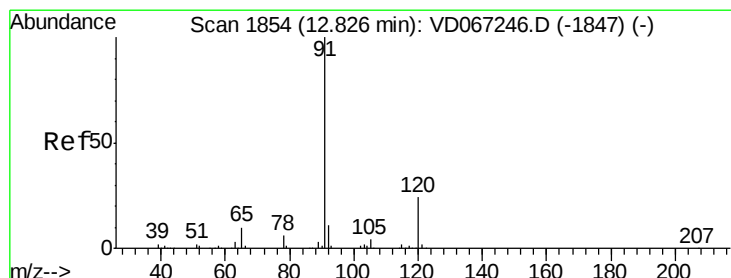
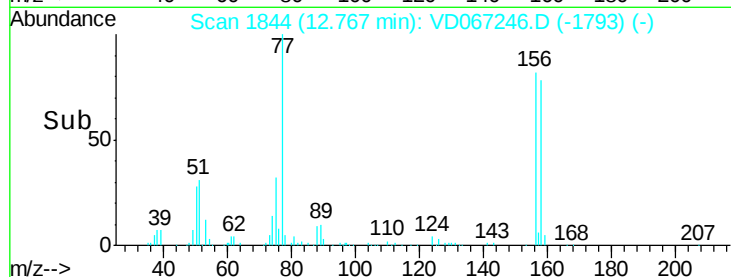
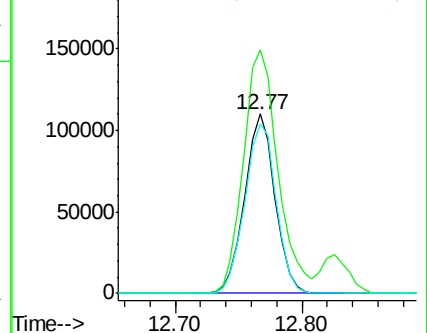
158 98.2 49.1 147.3



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: 50.131 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067246.D

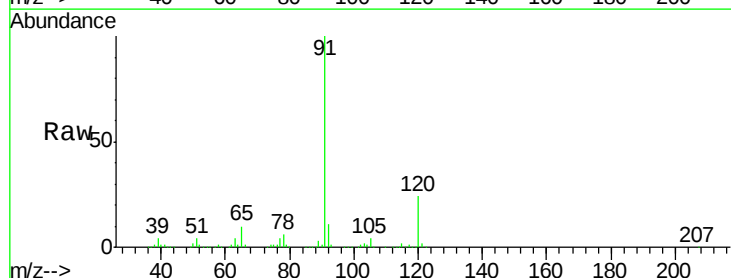
Acq: 13 Oct 2020 11:49

Tgt Ion: 91 Resp: 883549

Ion Ratio Lower Upper

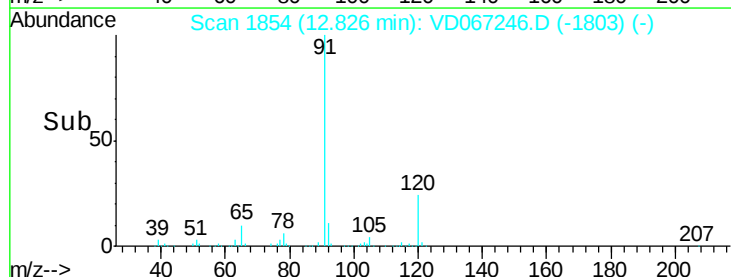
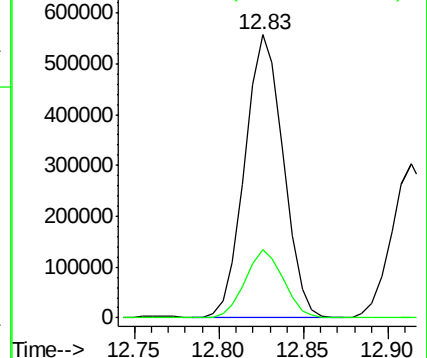
91 100

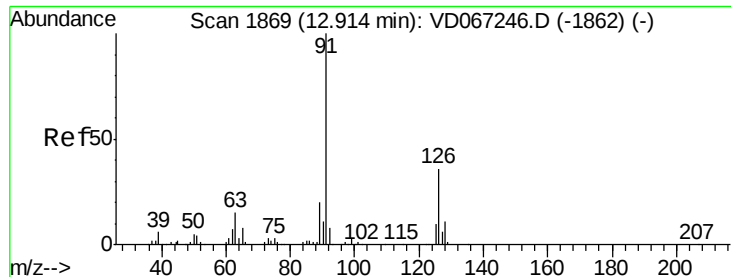
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

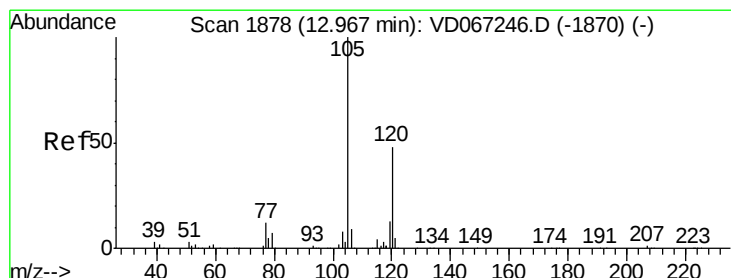
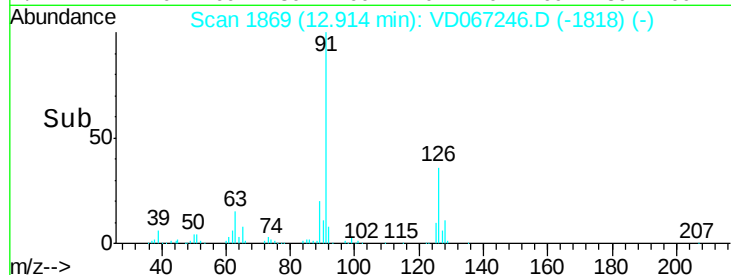
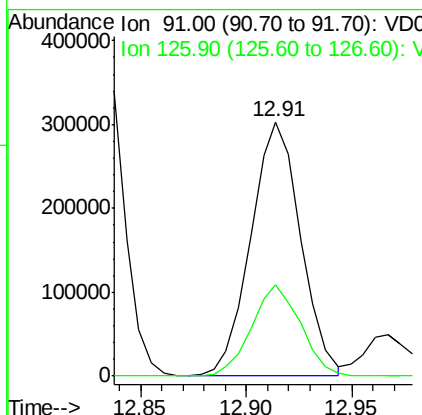
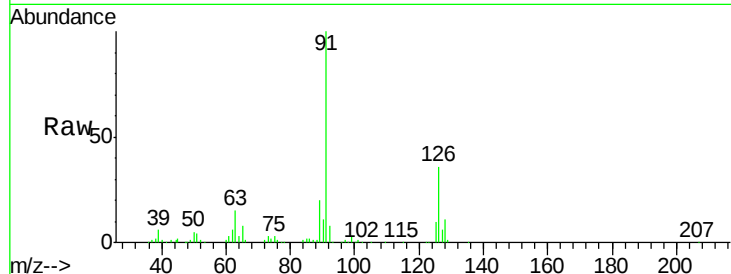




#79
 2-Chlorotoluene
 Concen: 48.288 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

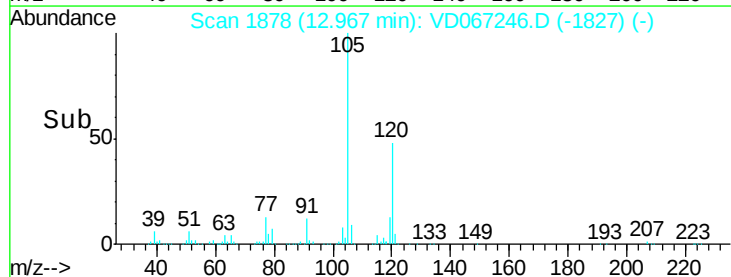
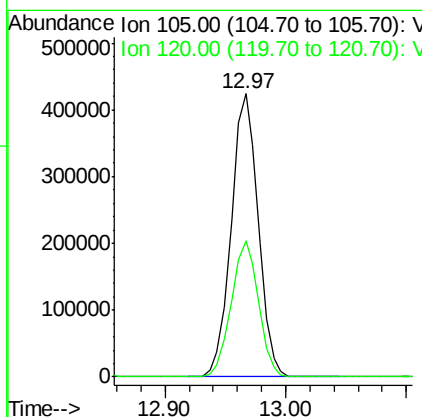
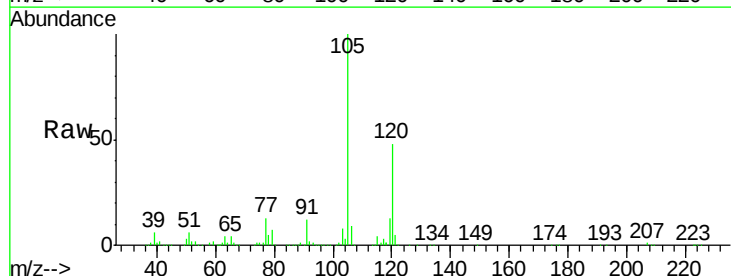
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

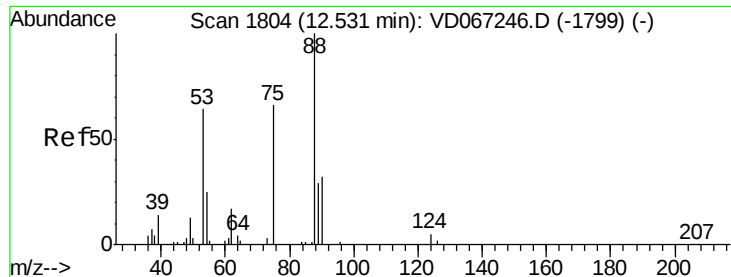
Tgt Ion: 91 Resp: 496130
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.993 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 105 Resp: 659241
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8

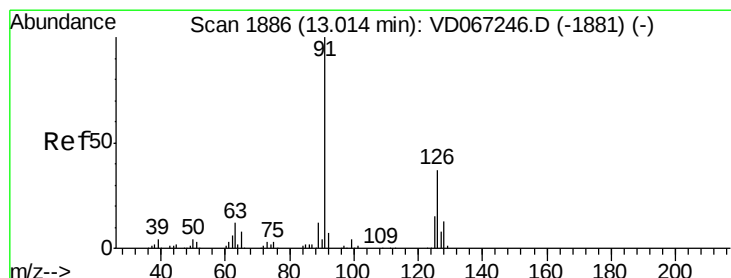
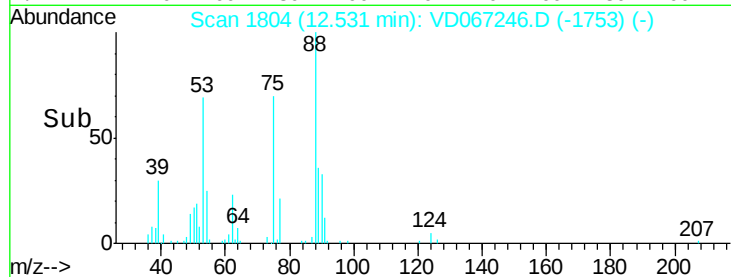
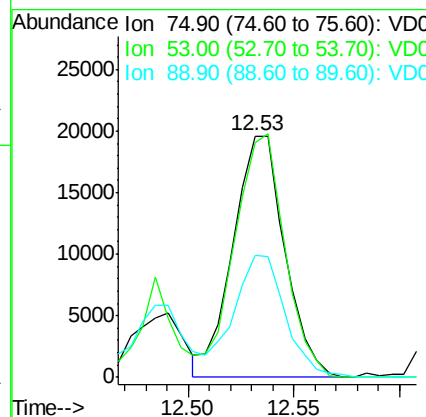
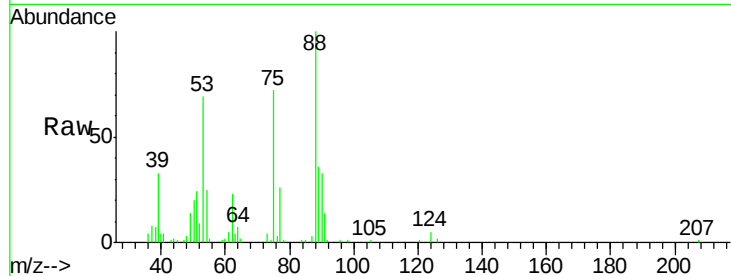




#81
trans-1,4-Dichloro-2-butene
Concen: 46.206 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

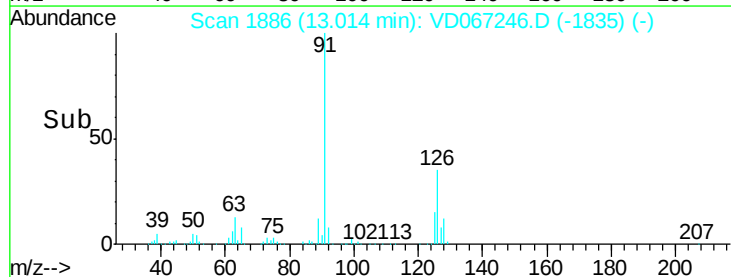
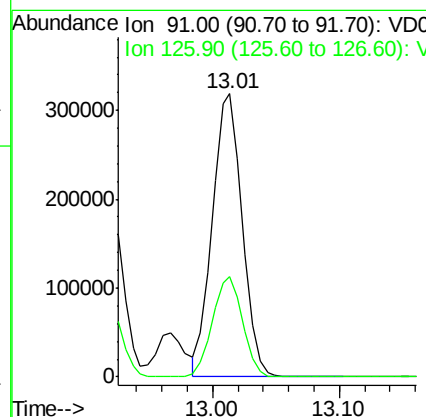
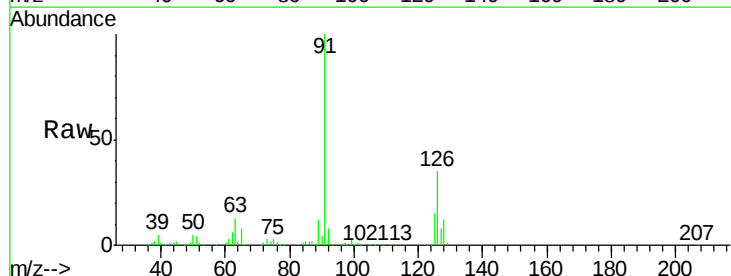
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

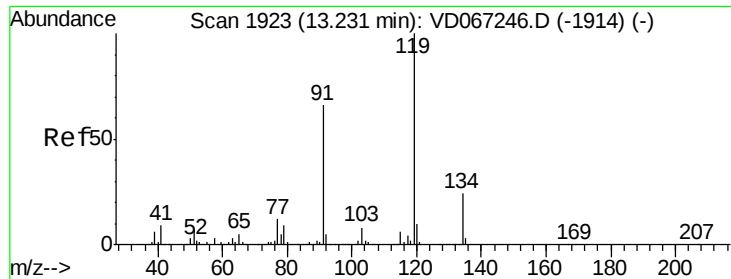
Tgt Ion: 75 Resp: 33345
Ion Ratio Lower Upper
75 100
53 98.1 78.5 117.7
89 49.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 47.707 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 91 Resp: 523098
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.5

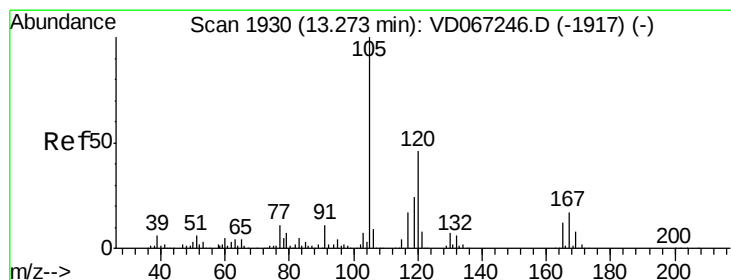
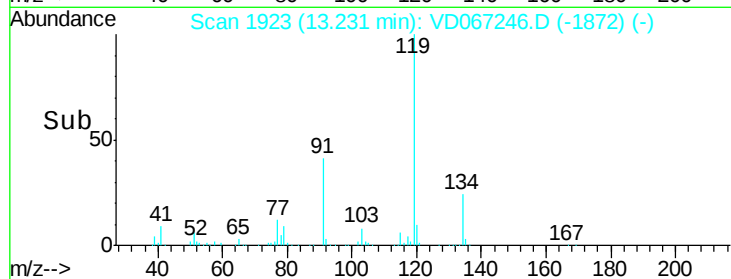
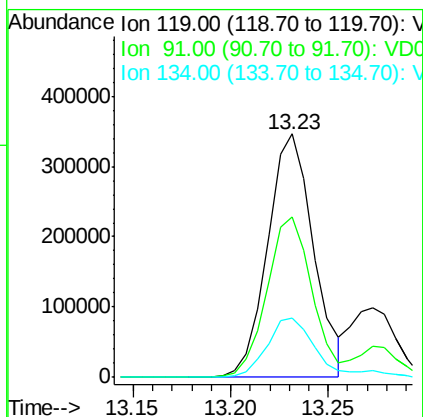
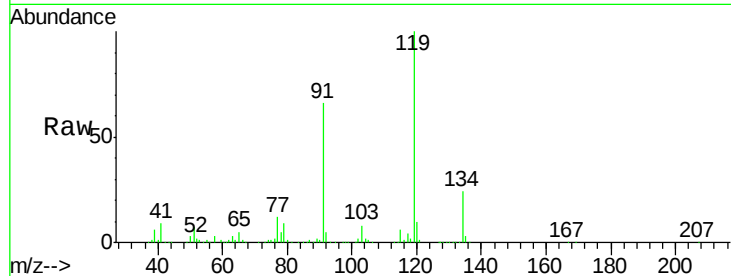




#83
 tert-Butylbenzene
 Concen: 51.266 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

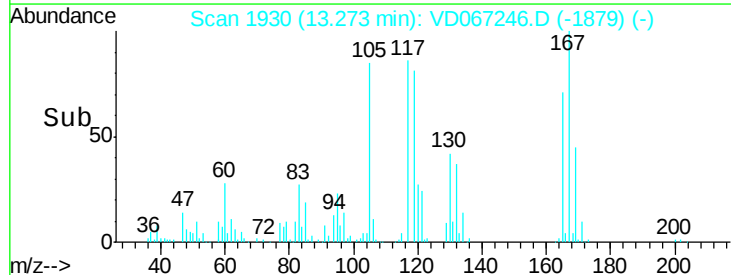
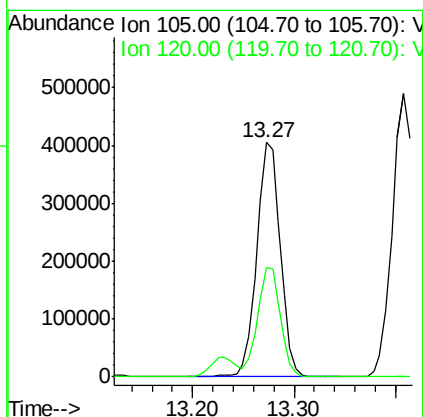
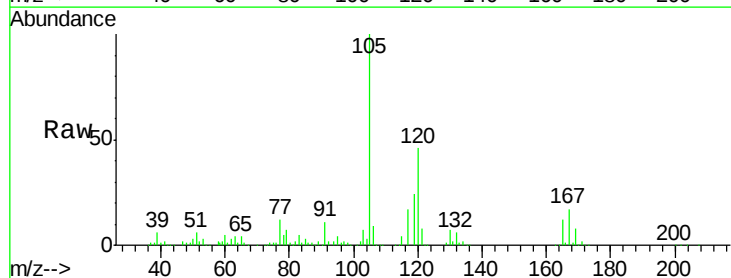
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

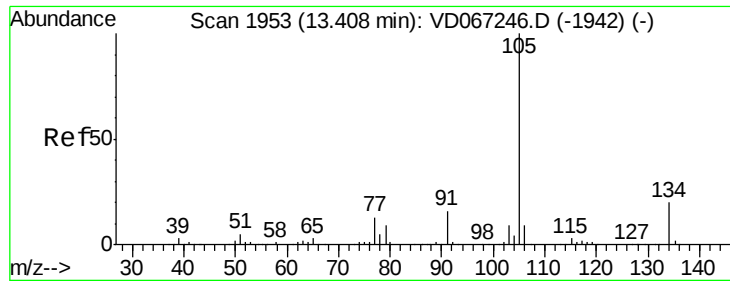
Tgt Ion:119 Resp: 564405
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.1 99.2
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.677 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion:105 Resp: 657565
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

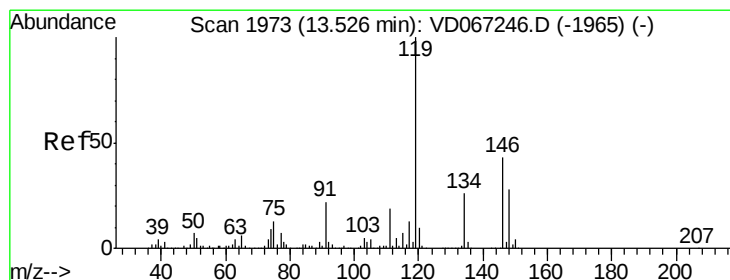
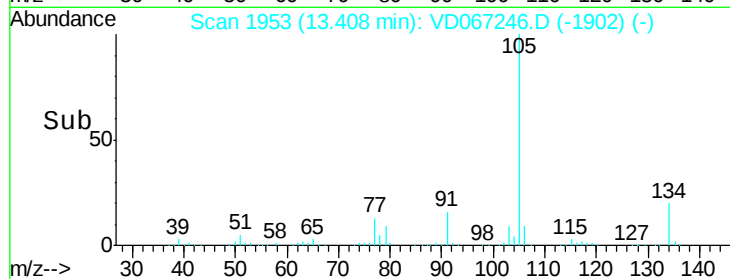
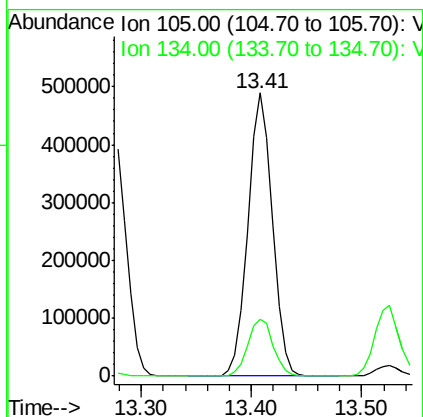
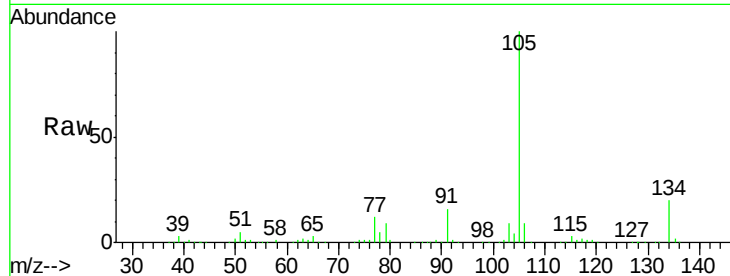




#85
 sec-Butylbenzene
 Concen: 49.810 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

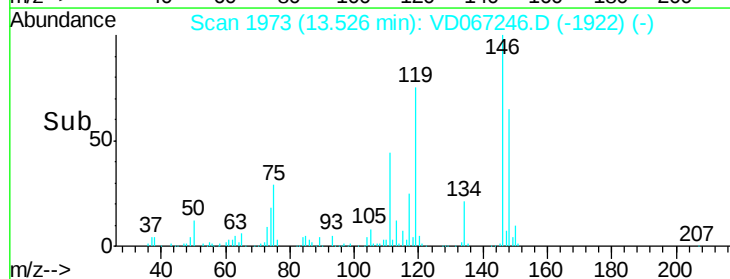
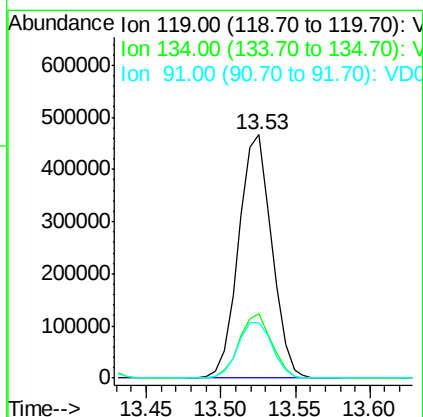
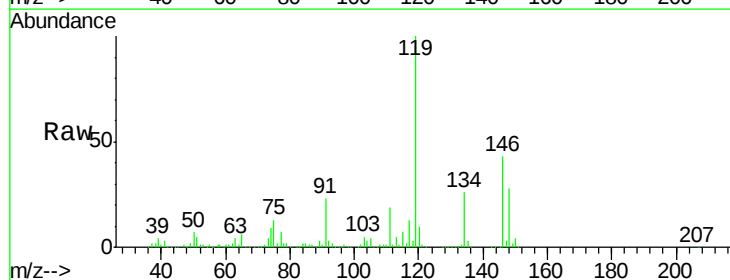
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

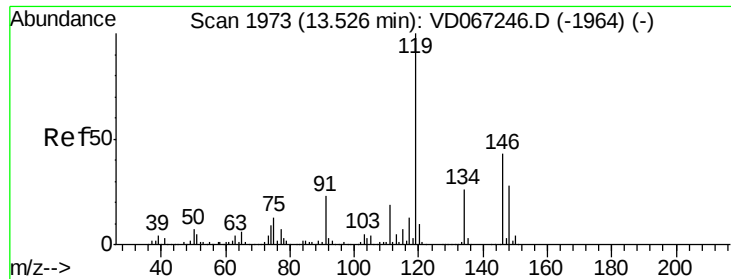
Tgt Ion:105 Resp: 760491
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 49.710 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion:119 Resp: 717330
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.9 11.9 35.9

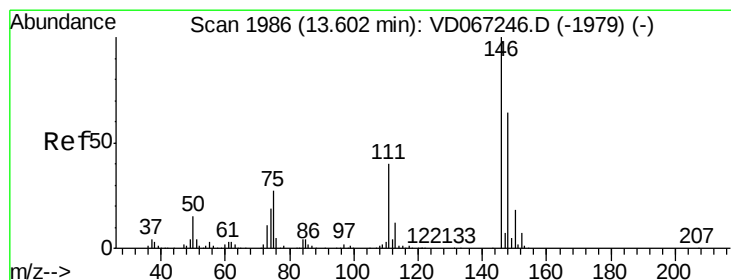
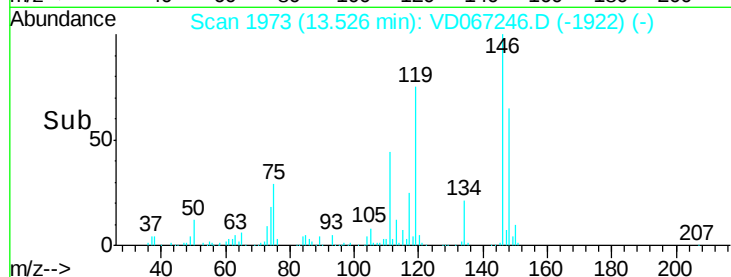
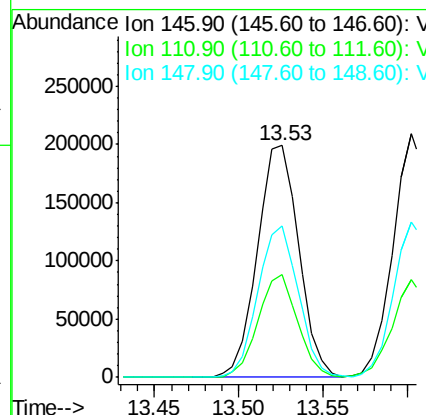
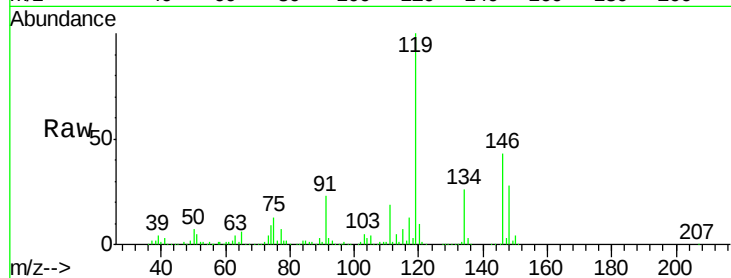




#87
 1,3-Dichlorobenzene
 Concen: 45.481 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

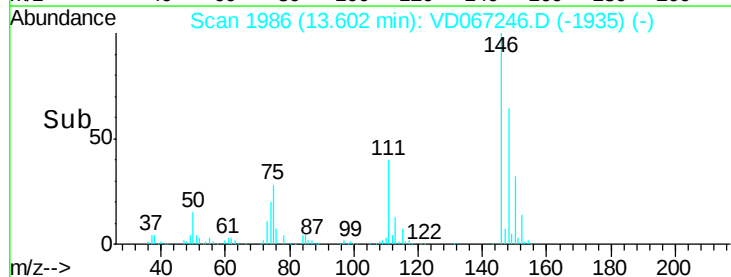
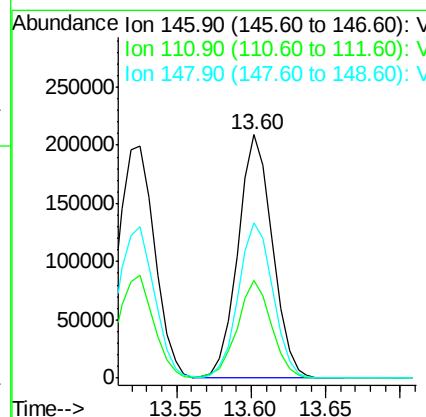
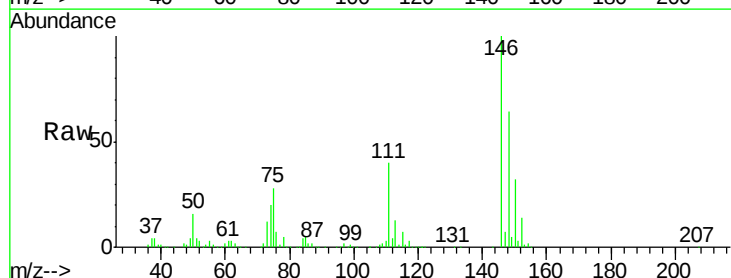
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

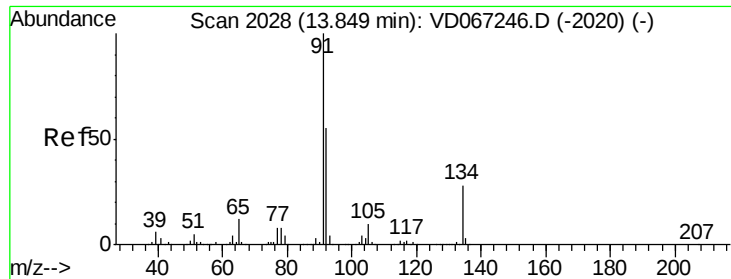
Tgt Ion:146 Resp: 339682
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.971 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion:146 Resp: 336712
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.9 31.9 95.9

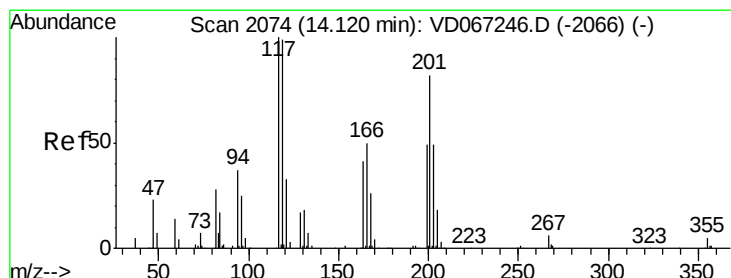
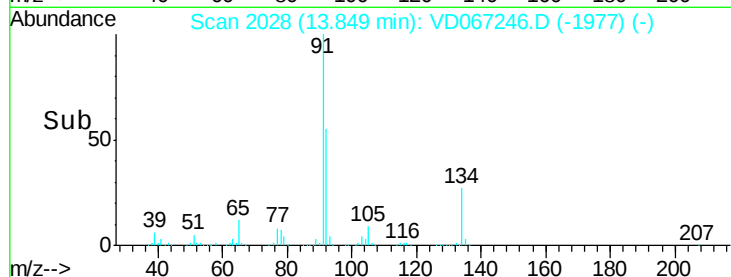
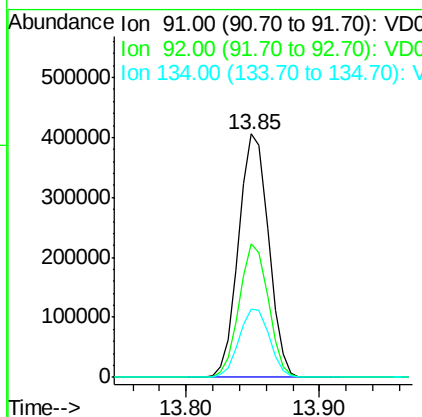
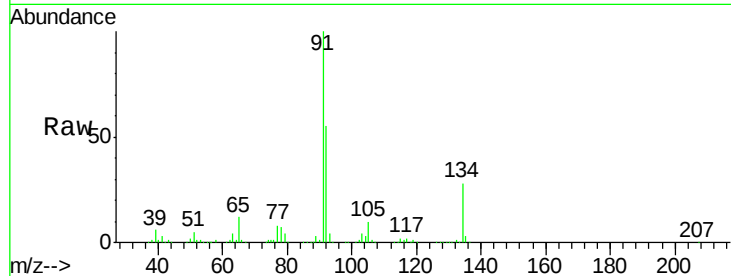




#89
n-Butylbenzene
Concen: 50.133 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

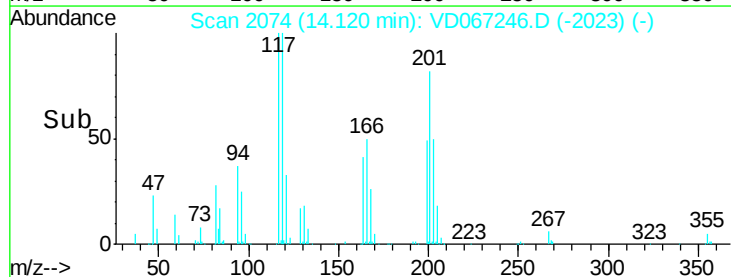
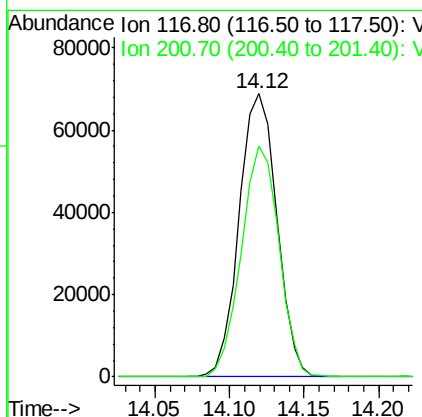
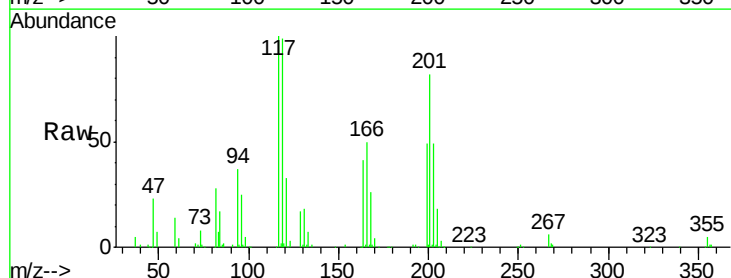
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

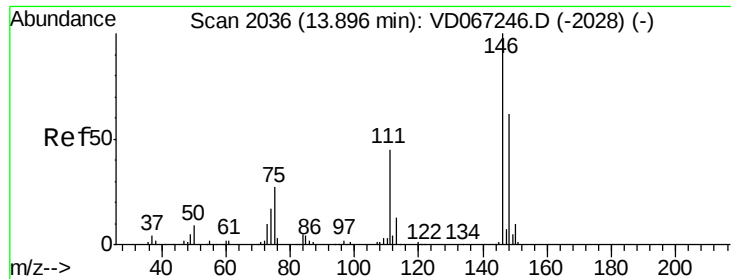
Tgt Ion: 91 Resp: 631215
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 28.4 14.2 42.6



#90
Hexachloroethane
Concen: 48.135 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion: 117 Resp: 120509
Ion Ratio Lower Upper
117 100
201 81.5 40.8 122.2

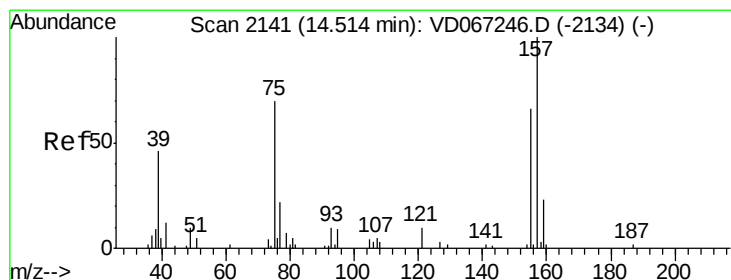
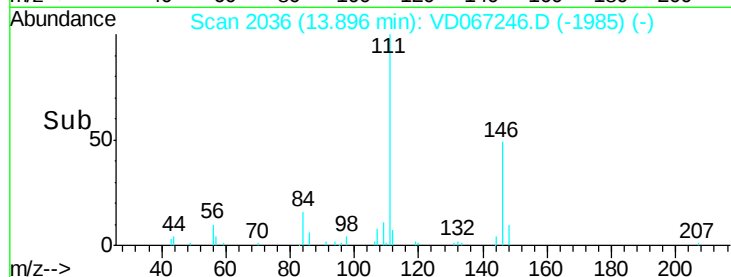
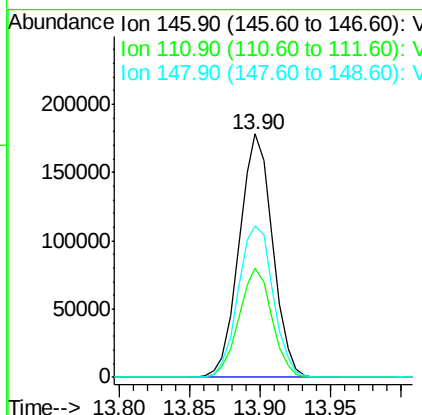
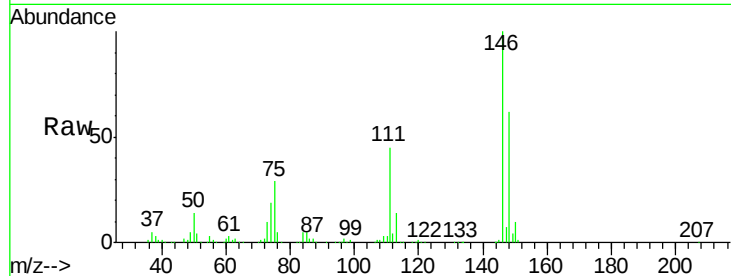




#91
 1,2-Dichlorobenzene
 Concen: 45.671 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

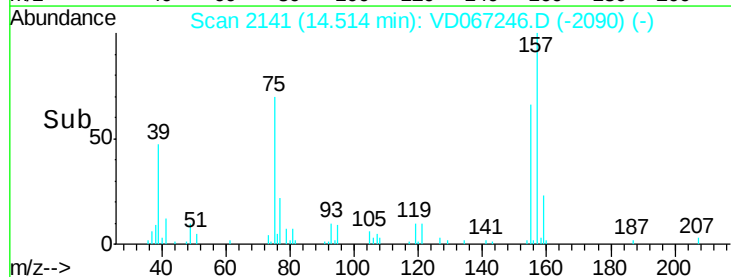
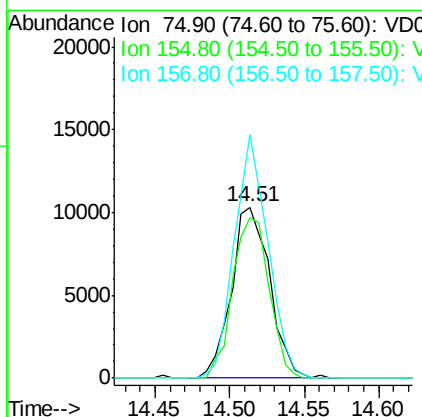
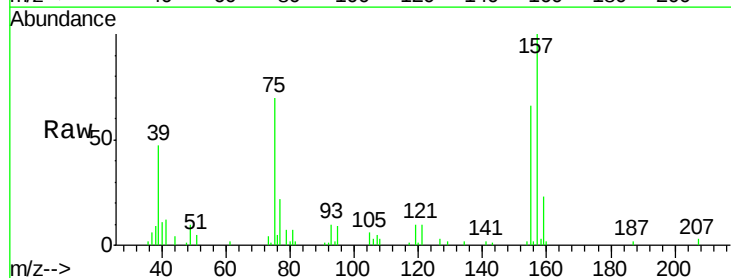
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

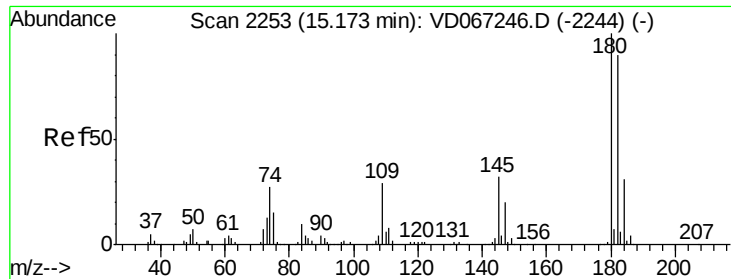
Tgt Ion: 146 Resp: 295086
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.0 66.0
 148 65.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.771 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion: 75 Resp: 18471
 Ion Ratio Lower Upper
 75 100
 155 89.6 44.8 134.4
 157 124.9 62.5 187.4

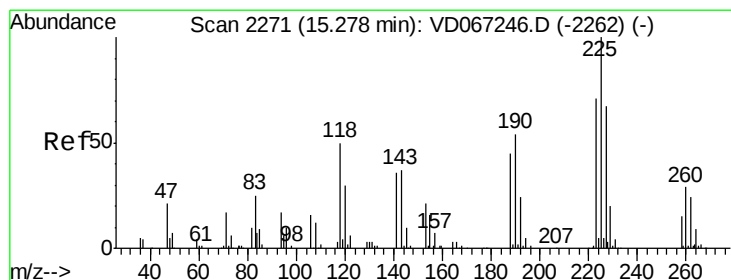
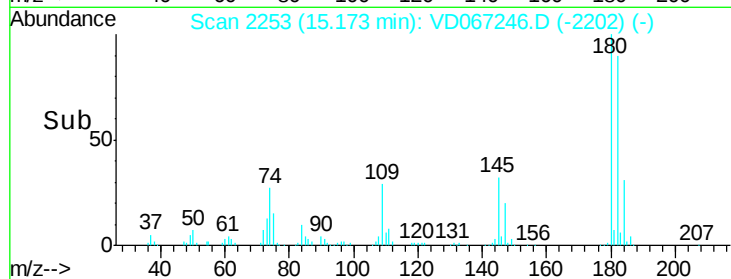
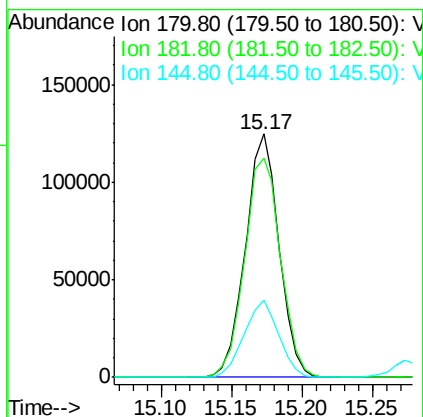
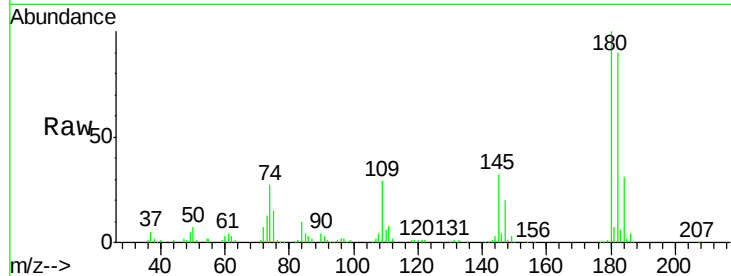




#93
 1,2,4-Trichlorobenzene
 Concen: 49.545 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

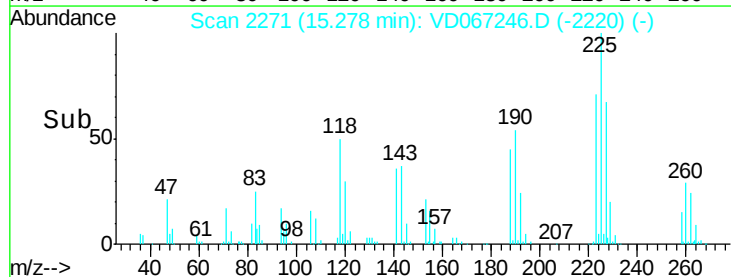
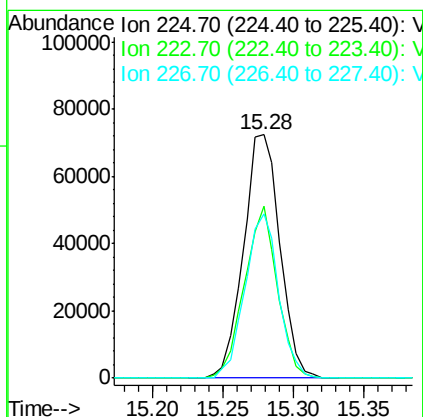
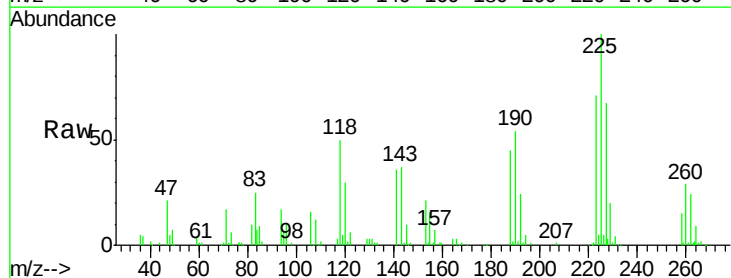
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

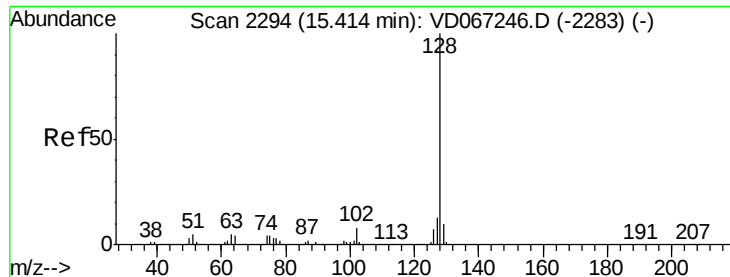
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.6	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 49.693 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067246.D
 Acq: 13 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	62.4	31.2	93.6

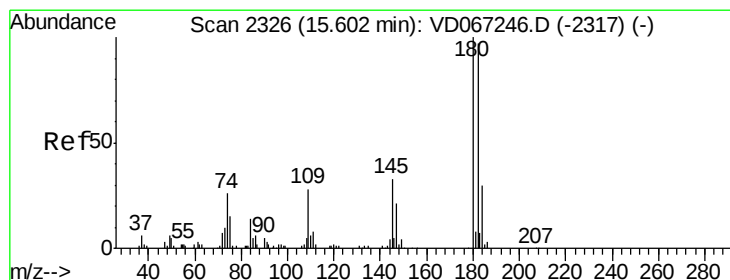
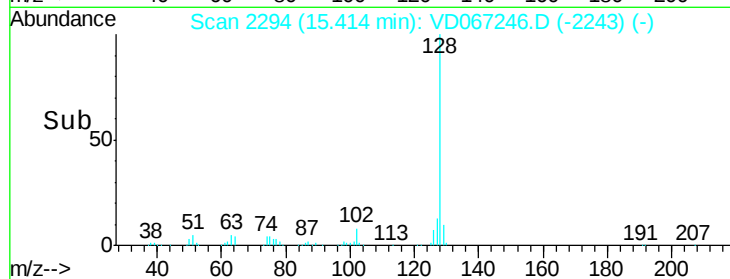
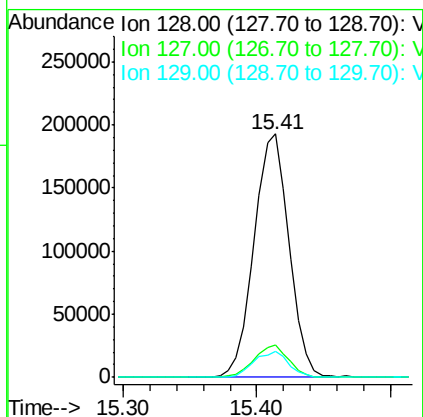
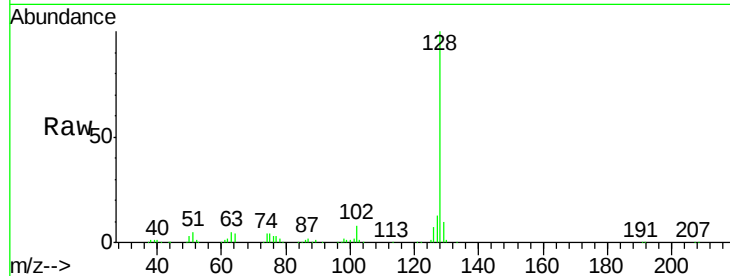




#95
Naphthalene
Concen: 52.928 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 349244
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.561 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067246.D
Acq: 13 Oct 2020 11:49

Tgt Ion:180 Resp: 178915
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 34.6 17.3 51.9

