

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067007.D
 Acq On : 01 Oct 2020 22:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:26:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	694355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300888	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	216599	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	7.91	113	236865	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.34	98	866089	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.63	95	287956	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	174073	51.005	ug/l	99
3) Chloromethane	2.21	50	161223	47.660	ug/l	95
4) Vinyl Chloride	2.35	62	162921	48.032	ug/l	97
5) Bromomethane	2.77	94	128117	59.415	ug/l	99
6) Chloroethane	2.93	64	101500	49.137	ug/l	98
7) Trichlorofluoromethane	3.27	101	354368	47.024	ug/l	99
8) Diethyl Ether	3.71	74	100632	53.850	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205090	48.150	ug/l	99
10) Methyl Iodide	4.30	142	227184	54.893	ug/l	98
11) Tert butyl alcohol	5.22	59	60950	255.205	ug/l	99
12) 1,1-Dichloroethene	4.07	96	194475	48.568	ug/l	98
13) Acrolein	3.92	56	61085	222.975	ug/l	99
14) Allyl chloride	4.71	41	272191	52.327	ug/l	99
15) Acrylonitrile	5.42	53	180023	261.744	ug/l	97
16) Acetone	4.16	43	147108	235.544	ug/l	98
17) Carbon Disulfide	4.41	76	606351	49.343	ug/l	99
18) Methyl Acetate	4.72	43	89944	57.300	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	393979	53.898	ug/l	97
20) Methylene Chloride	4.97	84	271508	63.179	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	234033	51.358	ug/l	98
22) Diisopropyl ether	6.36	45	520545	54.814	ug/l	98
23) Vinyl Acetate	6.30	43	1477685	274.593	ug/l	97
24) 1,1-Dichloroethane	6.27	63	376184	51.329	ug/l	98
25) 2-Butanone	7.21	43	226510	255.810	ug/l	99
26) 2,2-Dichloropropane	7.21	77	308048	49.078	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	257774	52.966	ug/l	98
28) Bromochloromethane	7.55	49	156434	55.270	ug/l	99
29) Tetrahydrofuran	7.56	42	134808	264.780	ug/l	98
30) Chloroform	7.71	83	414069	52.082	ug/l	99
31) Cyclohexane	7.98	56	280835	45.706	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	374229	50.790	ug/l	97
36) 1,1-Dichloropropene	8.11	75	309494	47.819	ug/l	99
37) Ethyl Acetate	7.29	43	107744	48.054	ug/l	97
38) Carbon Tetrachloride	8.10	117	333324	47.599	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067007.D
 Acq On : 01 Oct 2020 22:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:26:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	327792	47.904	ug/l	99
40) Benzene	8.35	78	893503	49.703	ug/l	99
41) Methacrylonitrile	7.53	41	62339	51.465	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	245178	48.808	ug/l	99
43) Isopropyl Acetate	8.45	43	203048	49.158	ug/l	97
44) Trichloroethene	9.11	130	262673	48.933	ug/l	97
45) 1,2-Dichloropropane	9.38	63	219153	51.885	ug/l	97
46) Dibromomethane	9.47	93	124123	51.129	ug/l	98
47) Bromodichloromethane	9.66	83	319391	50.612	ug/l #	94
48) Methyl methacrylate	9.45	41	99683	47.107	ug/l #	84
49) 1,4-Dioxane	9.46	88	23242	917.312	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	522805	254.111	ug/l	100
52) Toluene	10.40	92	588681	50.835	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	283939	50.344	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	346186	50.266	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	164718	48.803	ug/l	92
56) Ethyl methacrylate	10.66	69	188713	54.155	ug/l	100
57) 1,3-Dichloropropane	10.94	76	285061	52.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	535316	276.005	ug/l	98
59) 2-Hexanone	10.98	43	352490	256.695	ug/l	98
60) Dibromochloromethane	11.14	129	226027	50.244	ug/l	95
61) 1,2-Dibromoethane	11.24	107	164984	50.880	ug/l	99
64) Tetrachloroethene	10.87	164	222494	47.722	ug/l	95
65) Chlorobenzene	11.67	112	625025	49.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	243862	50.263	ug/l	99
67) Ethyl Benzene	11.74	91	1103618	50.500	ug/l	100
68) m/p-Xylenes	11.86	106	857732	100.710	ug/l	100
69) o-Xylene	12.18	106	395554	51.936	ug/l	96
70) Styrene	12.20	104	692538	52.954	ug/l	99
71) Bromoform	12.36	173	125418	49.800	ug/l #	98
73) Isopropylbenzene	12.48	105	1061901	51.976	ug/l	100
74) N-amyl acetate	12.29	43	186980	50.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	172938	50.239	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	224920	85.820	ug/l #	100
77) Bromobenzene	12.76	156	259351	52.572	ug/l	96
78) n-propylbenzene	12.82	91	1225294	50.746	ug/l	99
79) 2-Chlorotoluene	12.91	91	702010	50.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	902134	52.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51852	49.325	ug/l	99
82) 4-Chlorotoluene	13.01	91	732106	49.809	ug/l	100
83) tert-Butylbenzene	13.23	119	775217	53.331	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	899685	52.227	ug/l	99
85) sec-Butylbenzene	13.40	105	1041102	50.859	ug/l	100
86) p-Isopropyltoluene	13.52	119	955449	50.345	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	472889	49.213	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	461310	48.013	ug/l	99
89) n-Butylbenzene	13.85	91	839028	48.375	ug/l	99
90) Hexachloroethane	14.11	117	167606	50.418	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	415874	49.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27300	49.199	ug/l	98

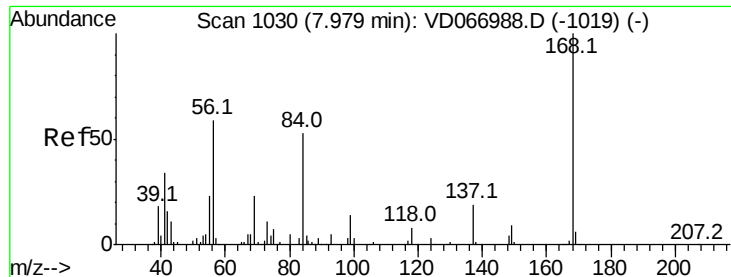
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
Data File : VD067007.D
Acq On : 01 Oct 2020 22:46
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Oct 02 01:26:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	273496	50.384	ug/l	98
94) Hexachlorobutadiene	15.27	225	159426	47.823	ug/l	99
95) Naphthalene	15.41	128	478866	52.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	238282	50.567	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

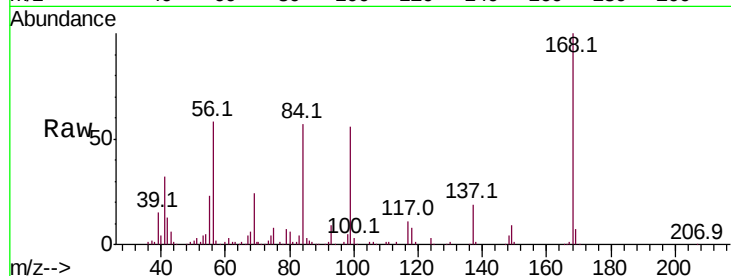
VSTDCCC050

Tot Ion:168 Resp: 424767

Ion Ratio Lower Upper

168 100

99 56.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

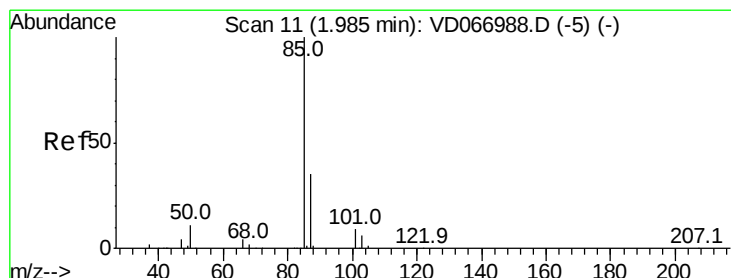
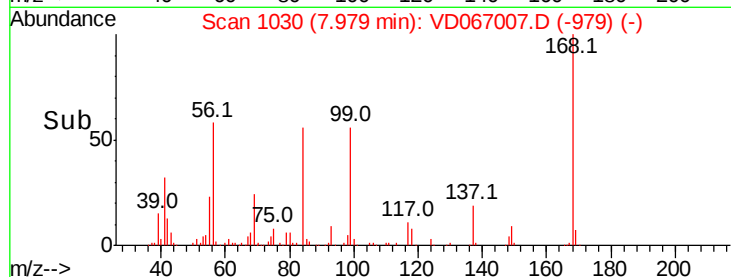
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.005 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067007.D

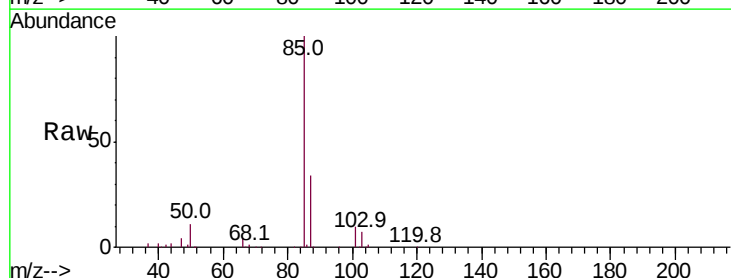
Acq: 01 Oct 2020 22:46

Tgt Ion: 85 Resp: 174073

Ion Ratio Lower Upper

85 100

87 34.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

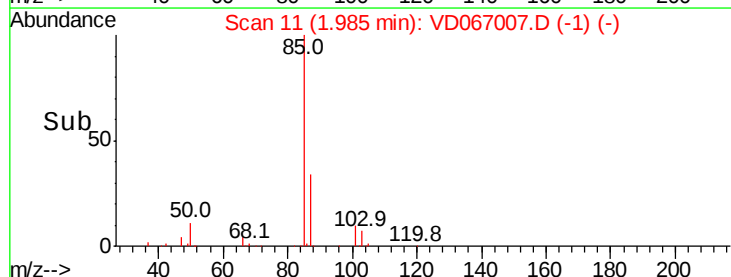
100000

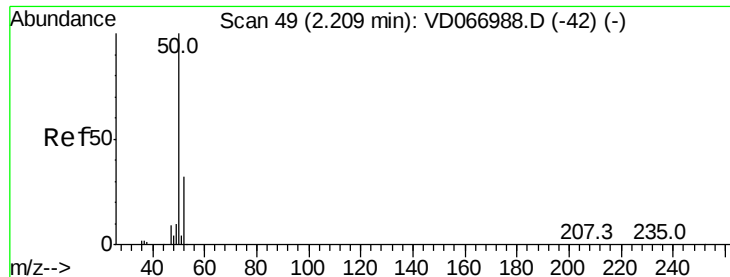
50000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.660 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

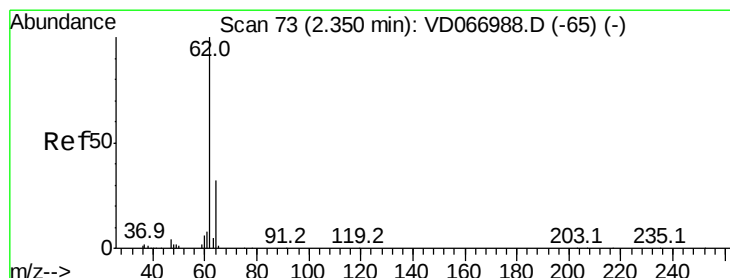
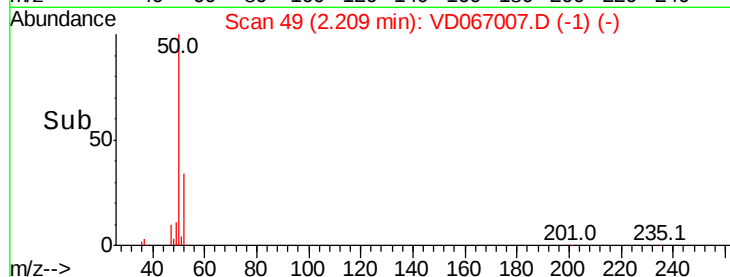
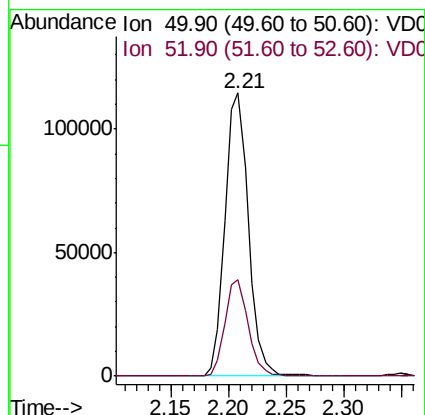
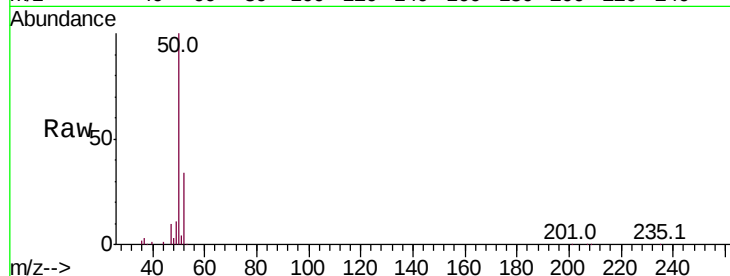
VSTDCCC050

Tot Ion: 50 Resp: 161223

Ion Ratio Lower Upper

50 100

52 34.2 25.3 37.9



#4

Vinyl Chloride

Concen: 48.032 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067007.D

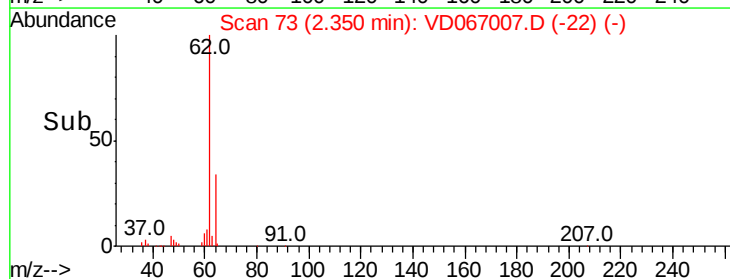
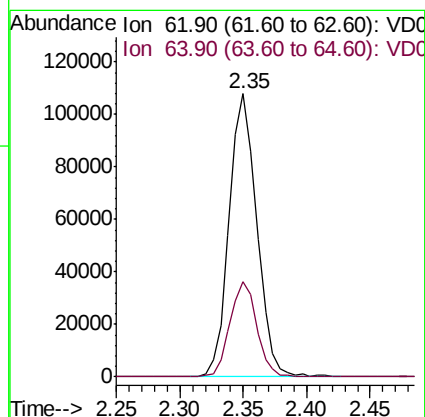
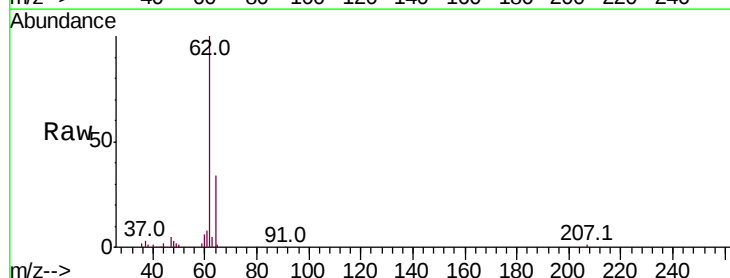
Acq: 01 Oct 2020 22:46

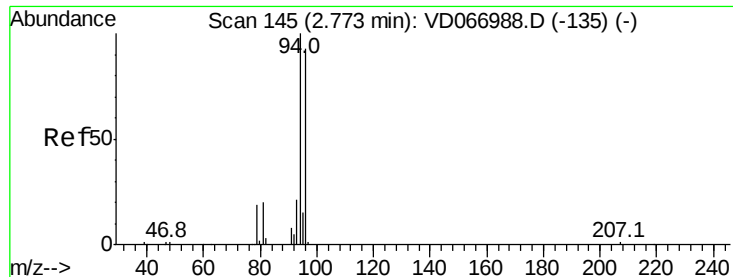
Tgt Ion: 62 Resp: 162921

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.8





#5

Bromomethane

Concen: 59.415 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

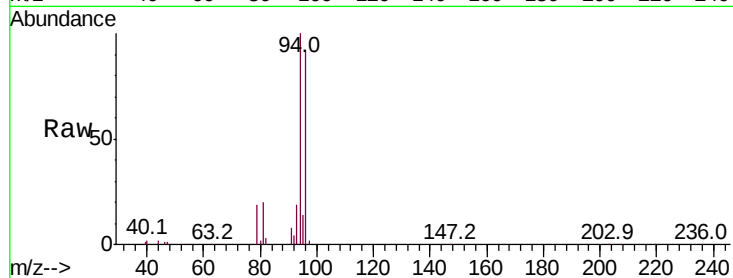
VSTDCCC050

Tot Ion: 94 Resp: 128117

Ion Ratio Lower Upper

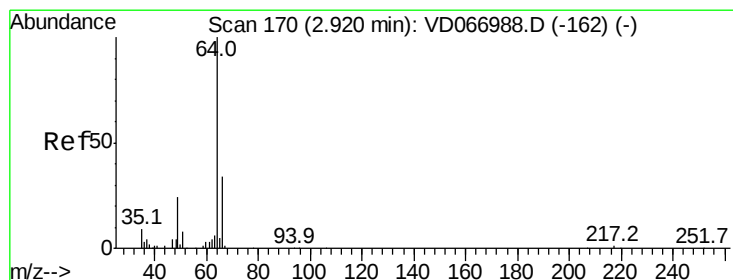
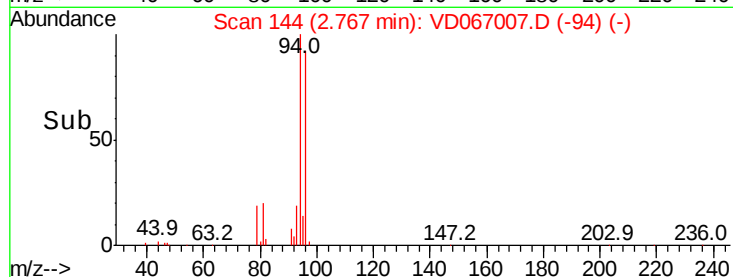
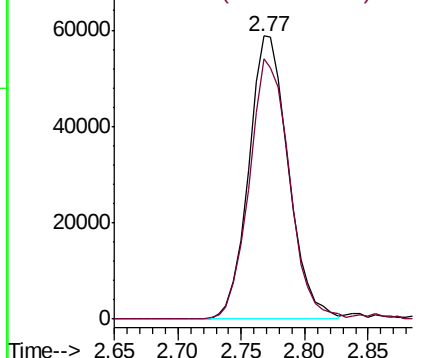
94 100

96 92.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.137 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067007.D

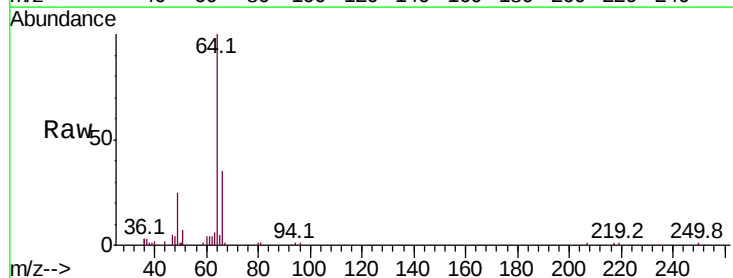
Acq: 01 Oct 2020 22:46

Tgt Ion: 64 Resp: 101500

Ion Ratio Lower Upper

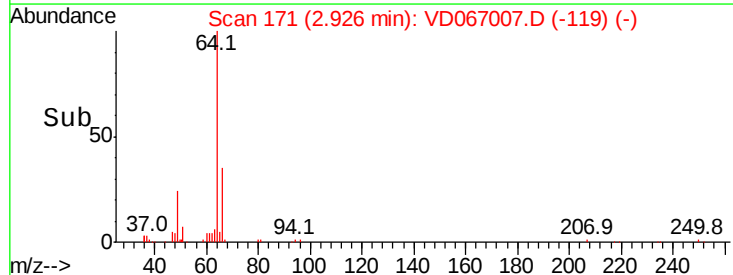
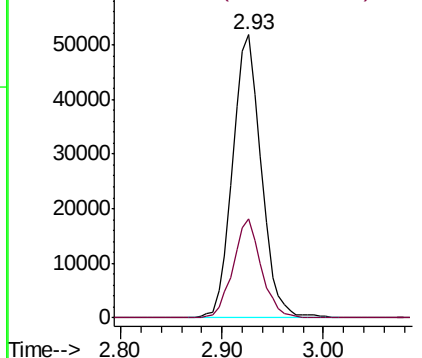
64 100

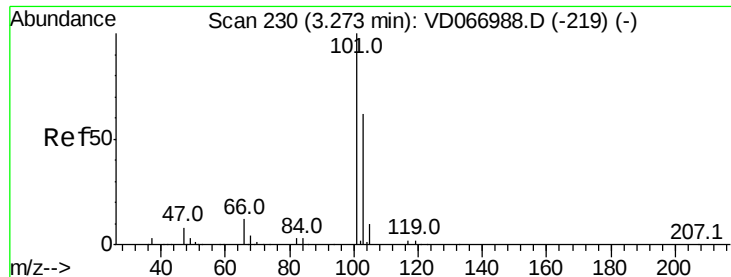
66 34.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



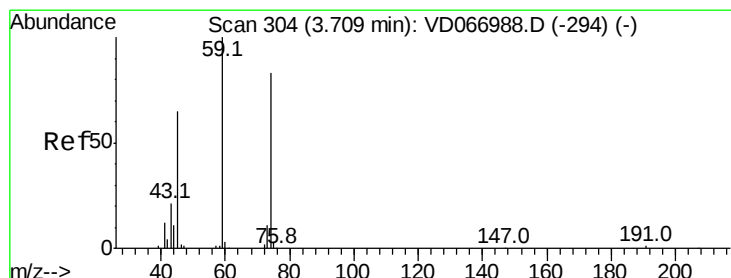
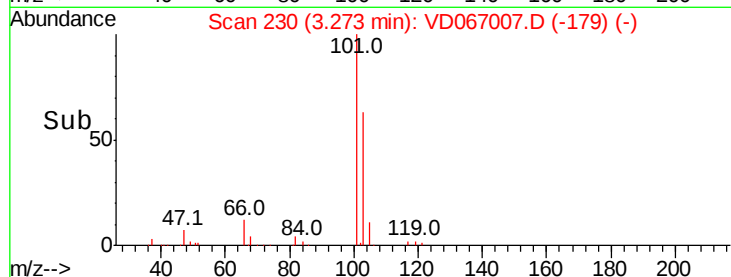
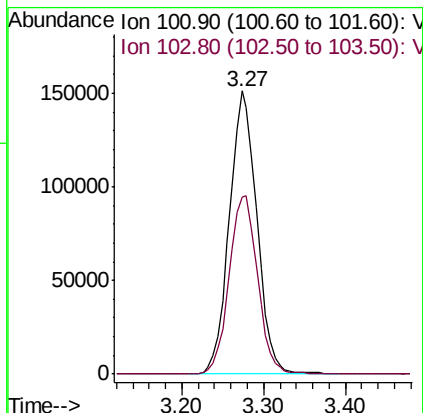
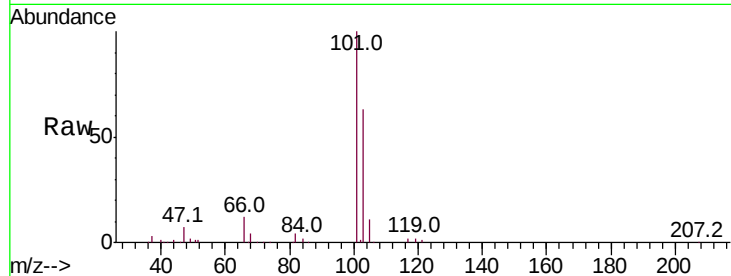


#7

Trichlorofluoromethane
Concen: 47.024 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

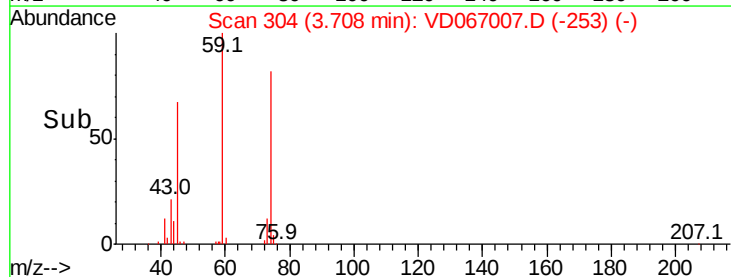
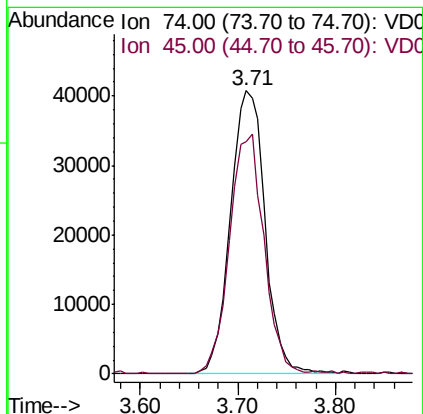
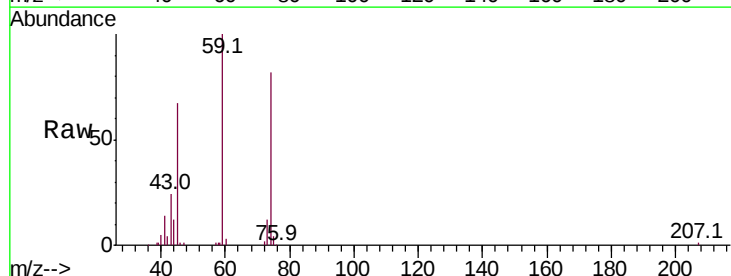
Tot Ion:101 Resp: 354368
Ion Ratio Lower Upper
101 100
103 62.7 49.8 74.8

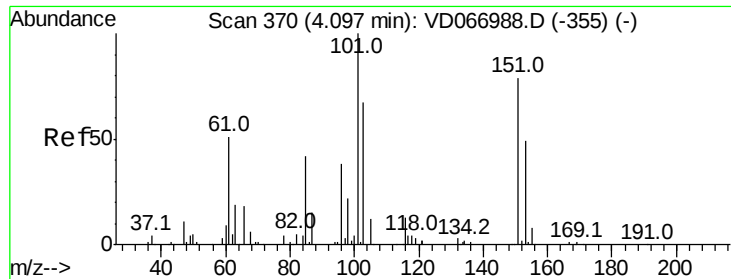


#8

Diethyl Ether
Concen: 53.850 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 74 Resp: 100632
Ion Ratio Lower Upper
74 100
45 84.0 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.150 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

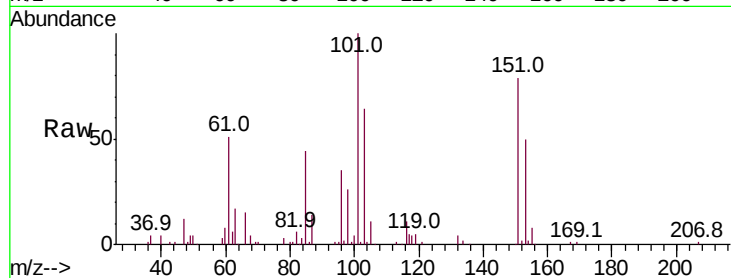
Tot Ion:101 Resp: 205090

Ion Ratio Lower Upper

101 100

85 43.4 33.8 50.8

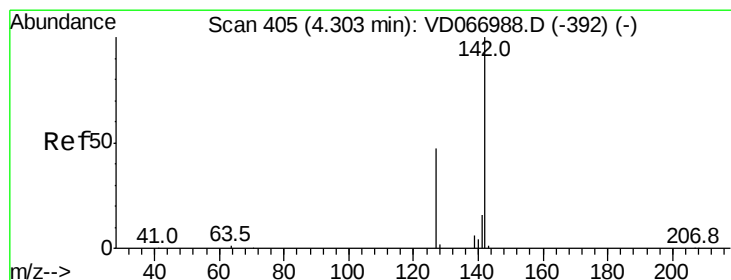
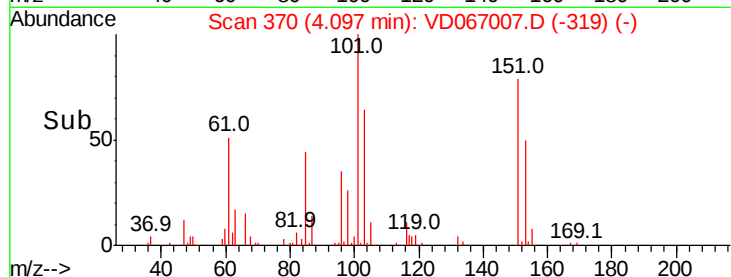
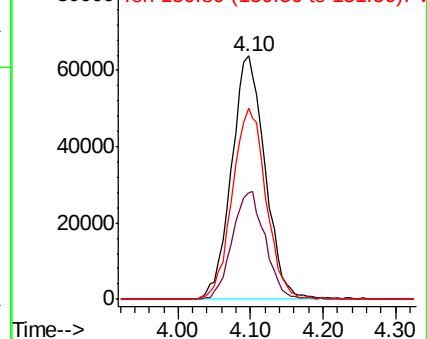
151 78.7 63.8 95.8



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: 54.893 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

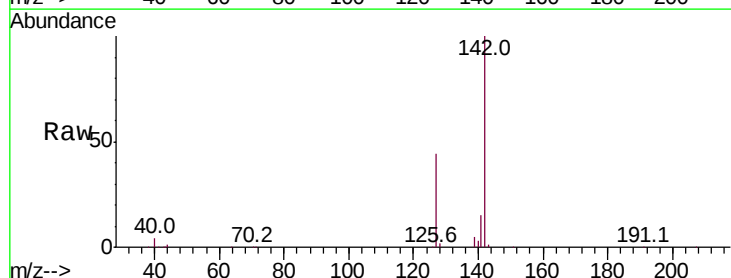
Tgt Ion:142 Resp: 227184

Ion Ratio Lower Upper

142 100

127 47.1 36.3 54.5

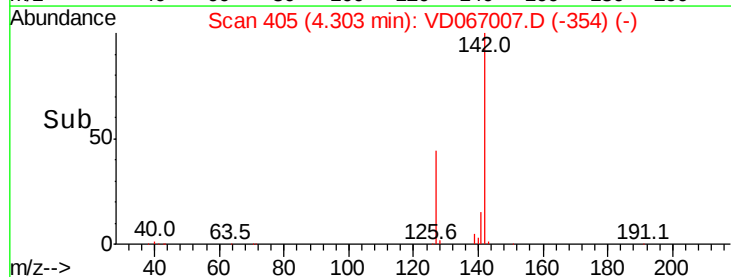
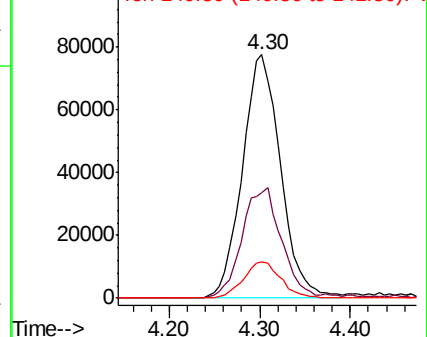
141 14.6 12.0 18.0

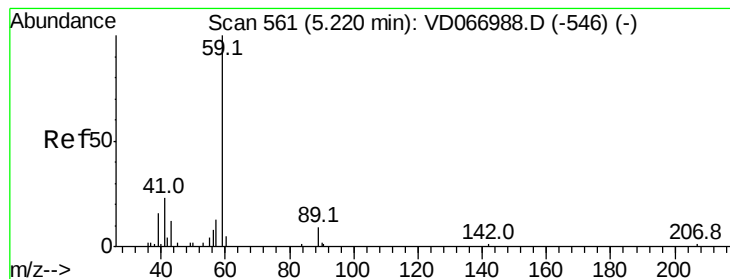


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



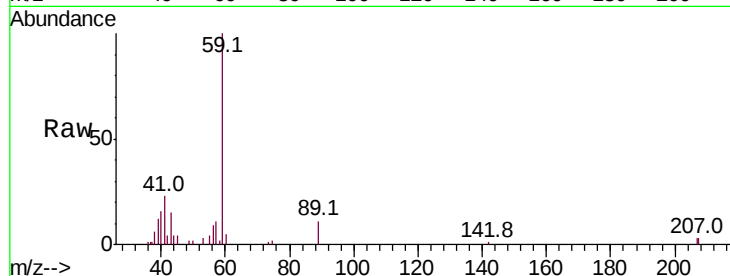


#11

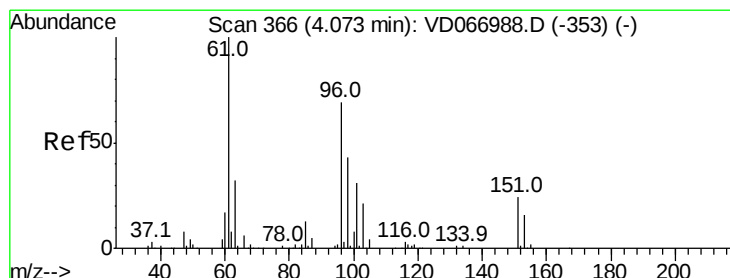
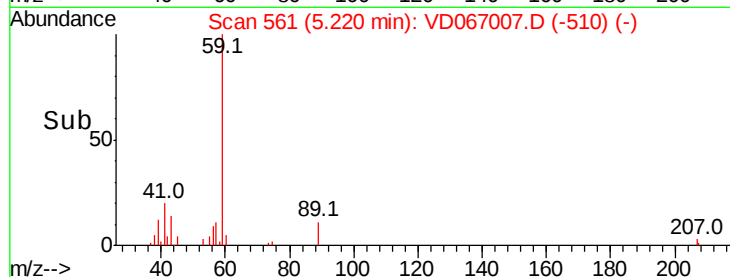
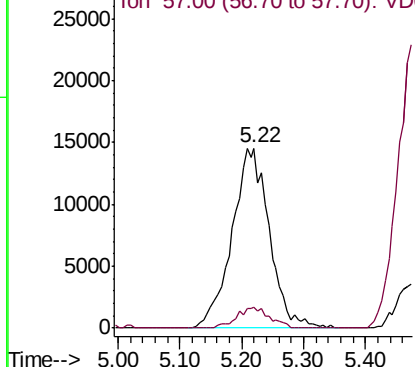
Tert butyl alcohol
 Concen: 255.205 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 60950
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4



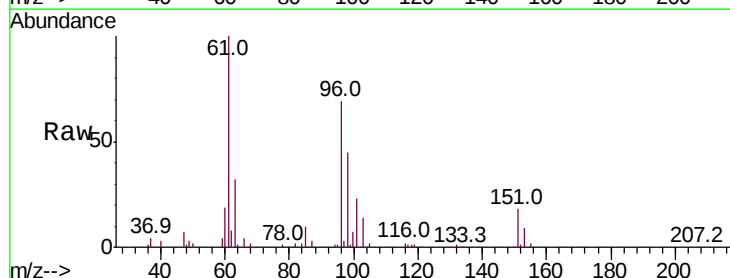
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



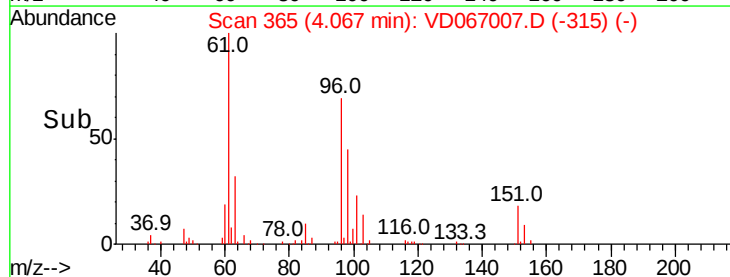
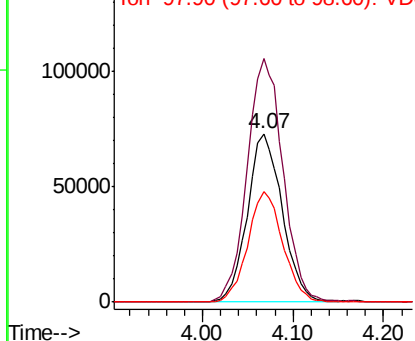
#12

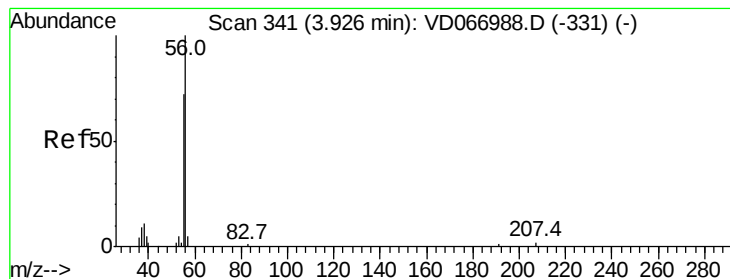
1,1-Dichloroethene
 Concen: 48.568 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Tgt Ion: 96 Resp: 194475
 Ion Ratio Lower Upper
 96 100
 61 144.6 116.4 174.6
 98 65.4 49.9 74.9



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: 222.975 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

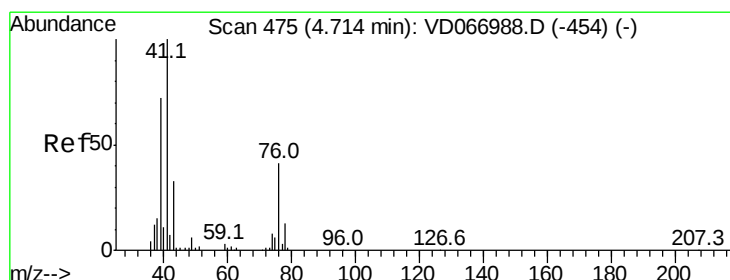
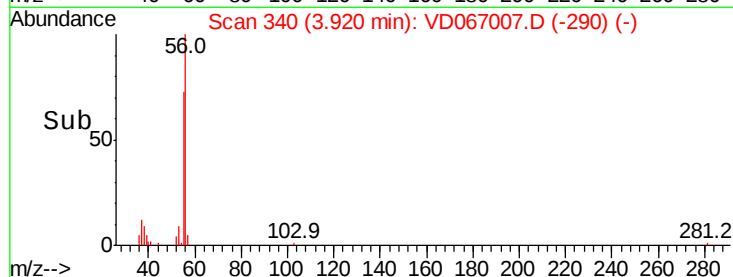
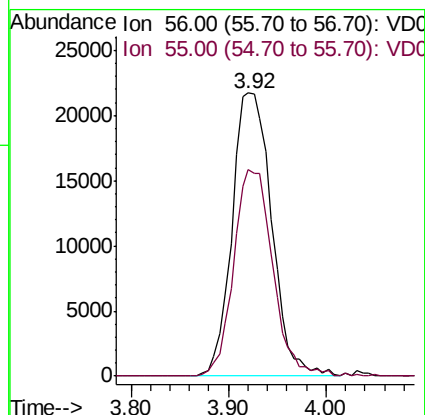
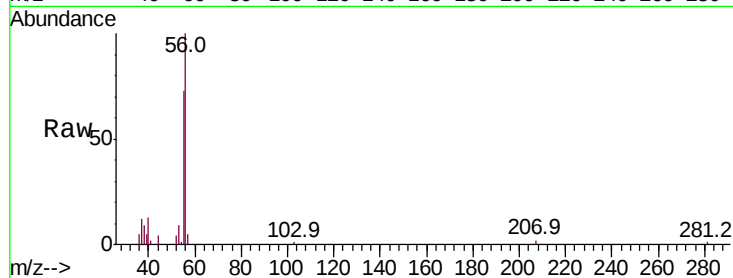
VSTDCCC050

Tot Ion: 56 Resp: 61085

Ion Ratio Lower Upper

56 100

55 71.9 56.9 85.3



#14

Allyl chloride

Concen: 52.327 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

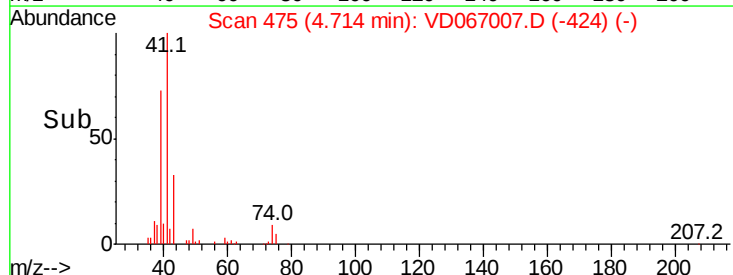
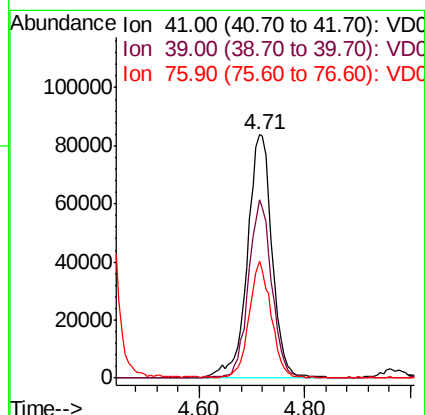
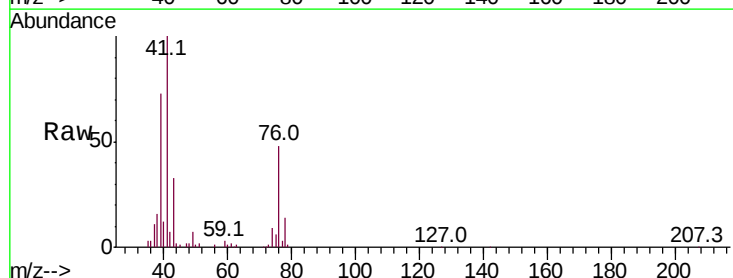
Tgt Ion: 41 Resp: 272191

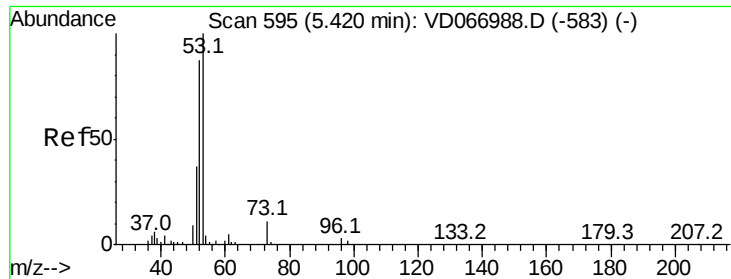
Ion Ratio Lower Upper

41 100

39 69.0 56.2 84.2

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 261.744 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

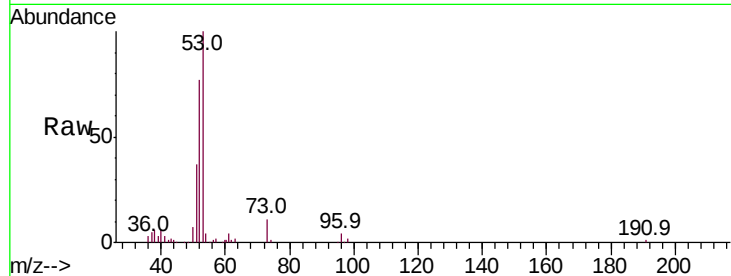
Tot Ion: 53 Resp: 180023

Ion Ratio Lower Upper

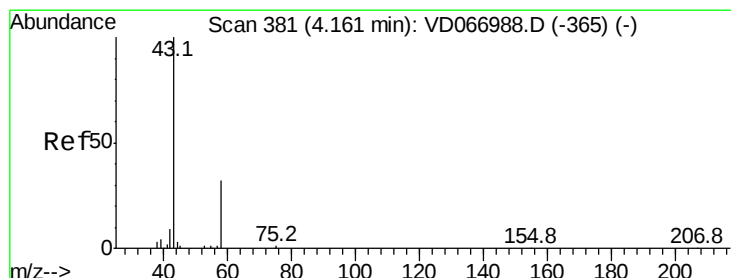
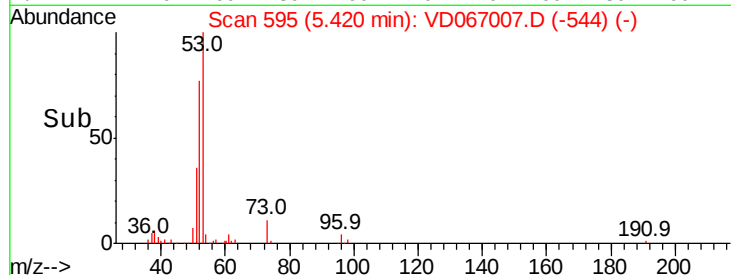
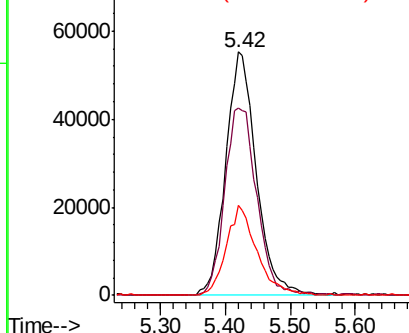
53 100

52 80.4 67.3 100.9

51 36.9 30.2 45.2



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: 235.544 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067007.D

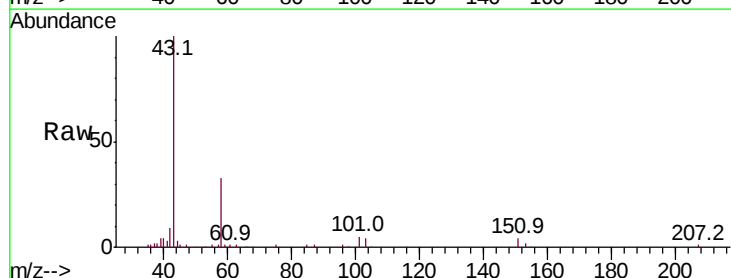
Acq: 01 Oct 2020 22:46

Tgt Ion: 43 Resp: 147108

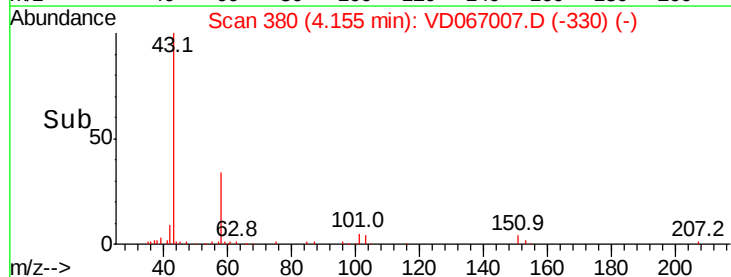
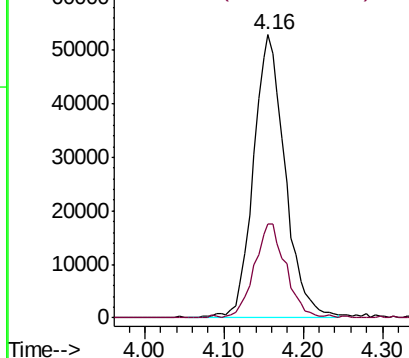
Ion Ratio Lower Upper

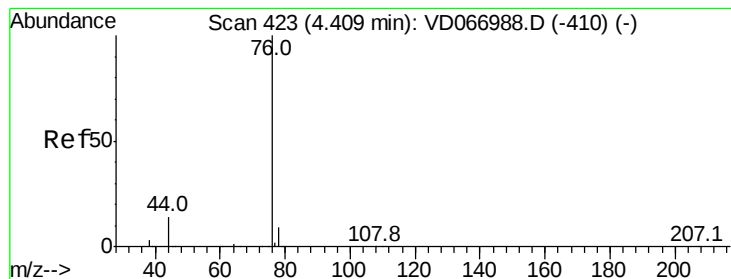
43 100

58 33.4 25.9 38.9



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





#17

Carbon Disulfide

Concen: 49.343 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

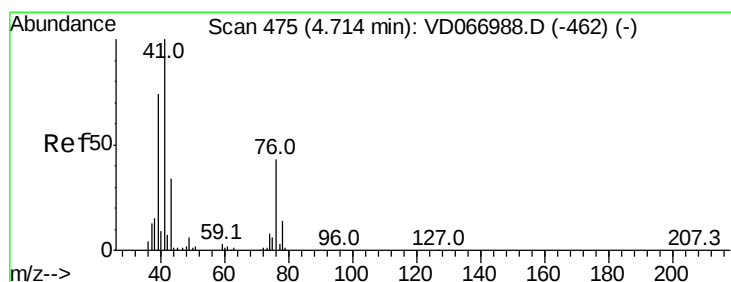
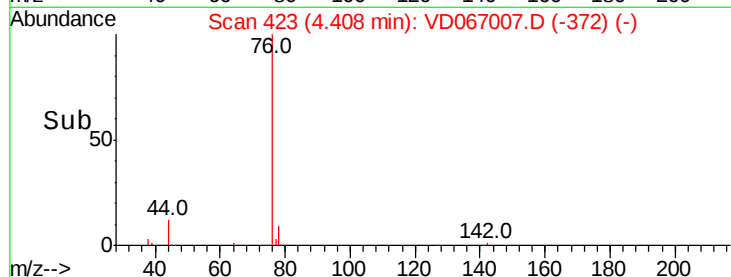
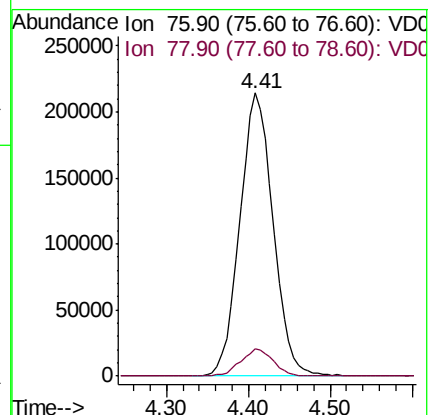
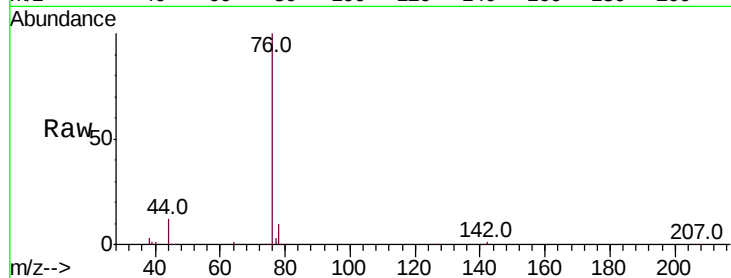
VSTDCCC050

Tot Ion: 76 Resp: 606351

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



#18

Methyl Acetate

Concen: 57.300 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067007.D

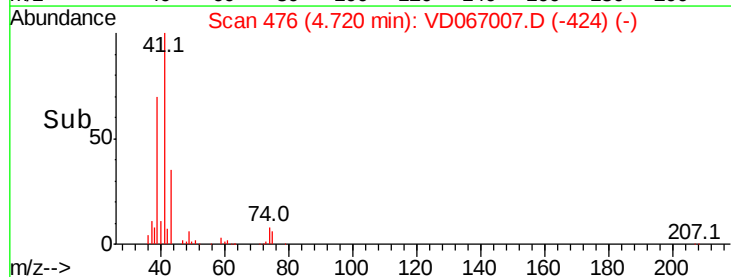
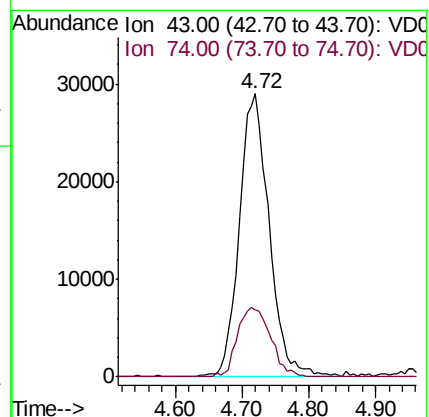
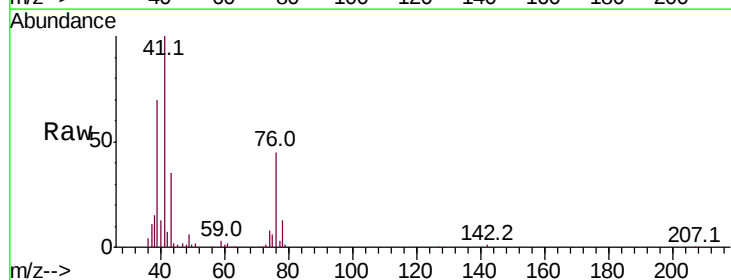
Acq: 01 Oct 2020 22:46

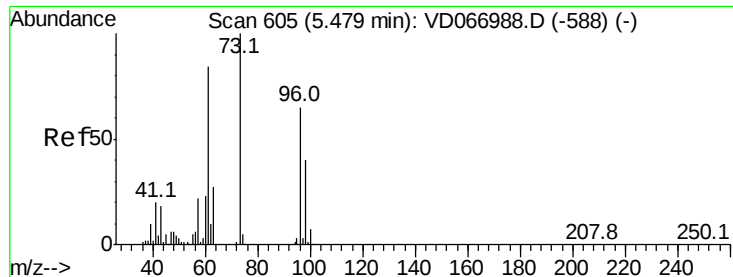
Tgt Ion: 43 Resp: 89944

Ion Ratio Lower Upper

43 100

74 27.3 21.5 32.3

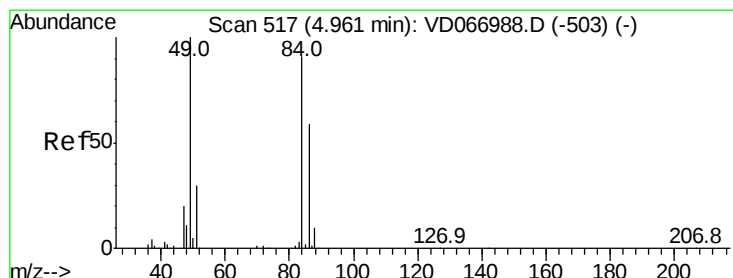
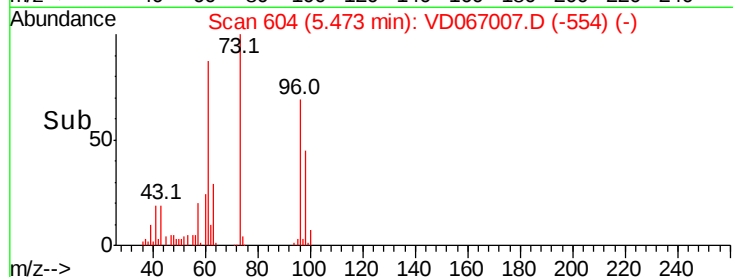
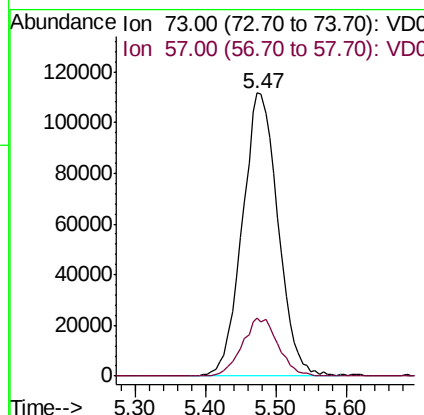
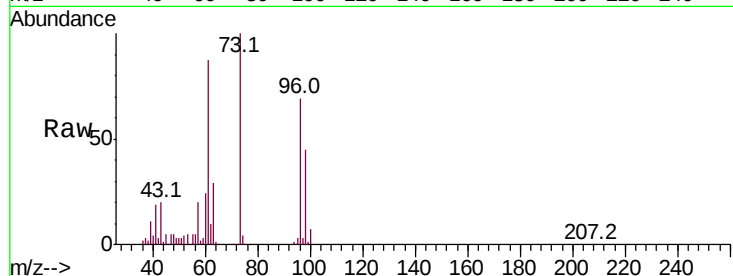




#19
Methvl tert-butvl Ether
Concen: 53.898 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

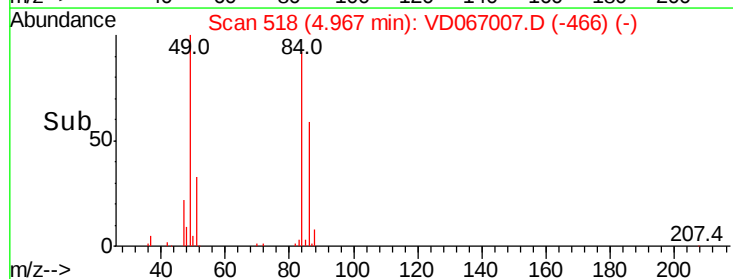
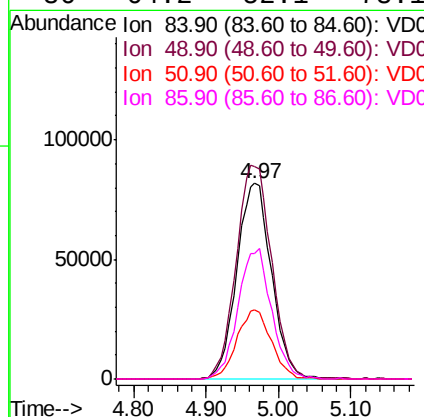
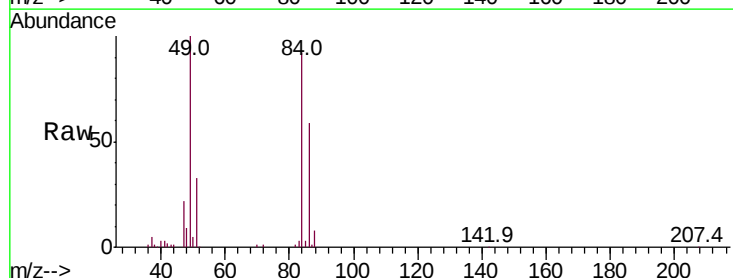
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

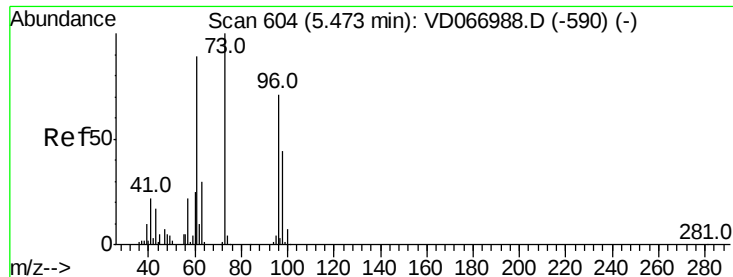
Tot Ion: 73 Resp: 393979
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0



#20
Methylene Chloride
Concen: 63.179 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 84 Resp: 271508
Ion Ratio Lower Upper
84 100
49 109.0 88.2 132.2
51 35.6 26.6 39.8
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.358 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

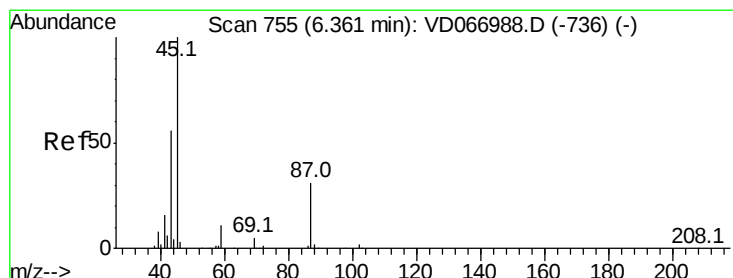
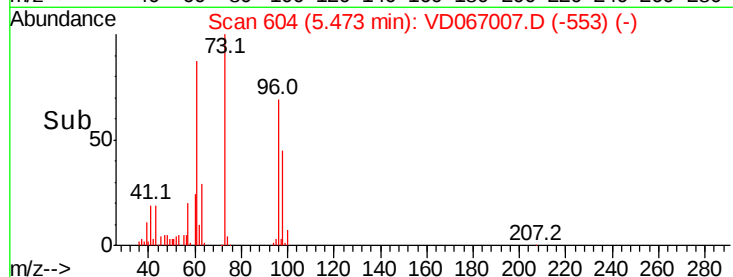
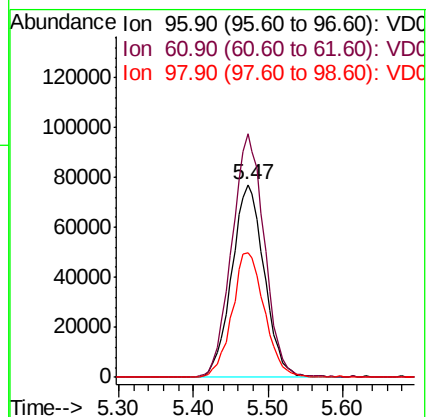
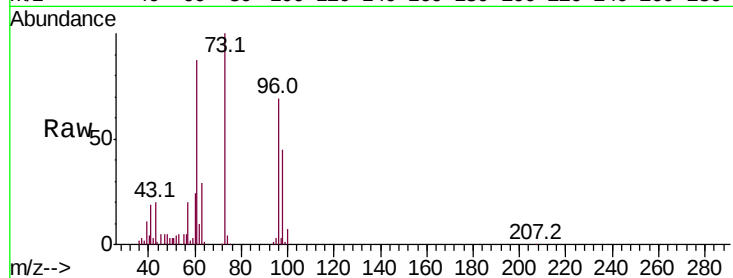
Tot Ion: 96 Resp: 234033

Ion Ratio Lower Upper

96 100

61 126.3 99.6 149.4

98 64.6 49.4 74.2



#22

Diisopropyl ether

Concen: 54.814 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Tgt Ion: 45 Resp: 520545

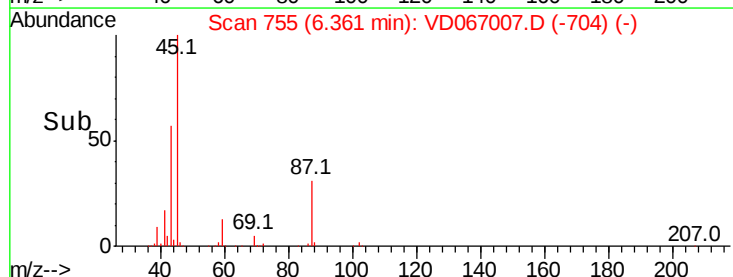
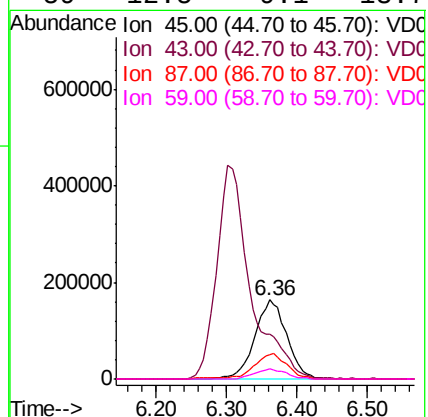
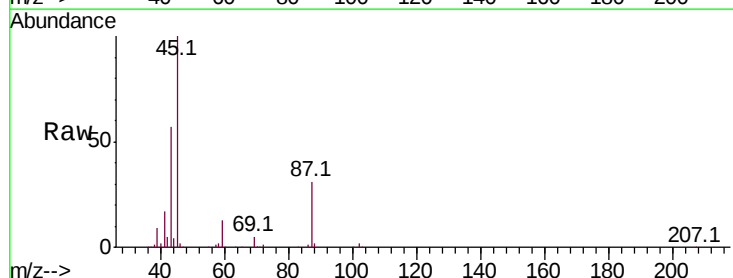
Ion Ratio Lower Upper

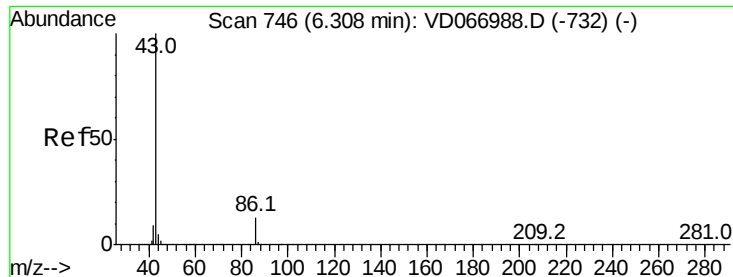
45 100

43 55.8 45.2 67.8

87 30.6 25.6 38.4

59 12.5 9.1 13.7





#23

Vinyl Acetate

Concen: 274.593 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

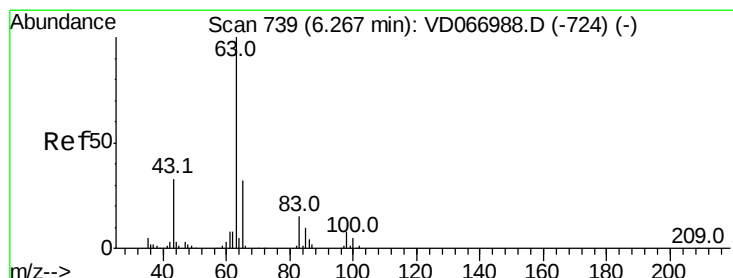
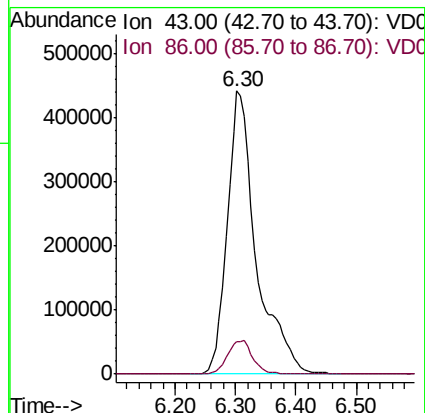
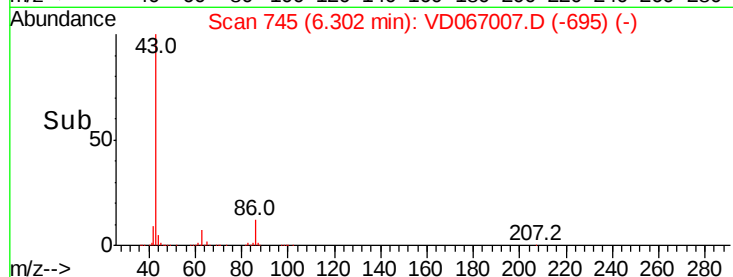
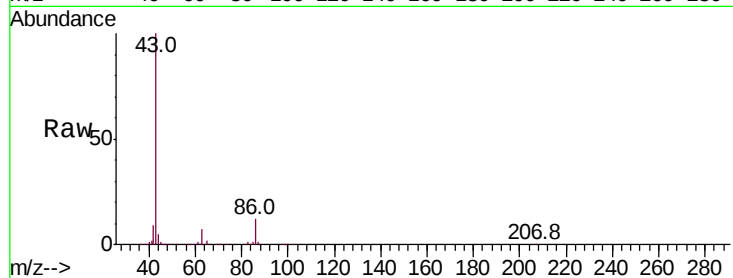
VSTDCCC050

Tot Ion: 43 Resp: 1477685

Ion Ratio Lower Upper

43 100

86 11.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.329 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

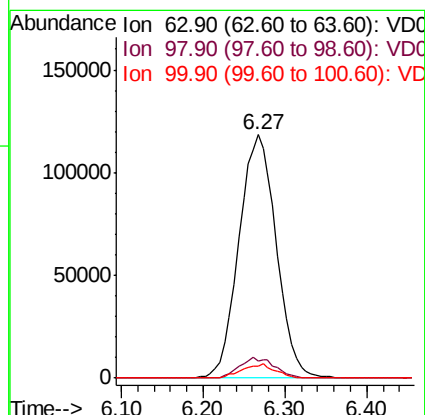
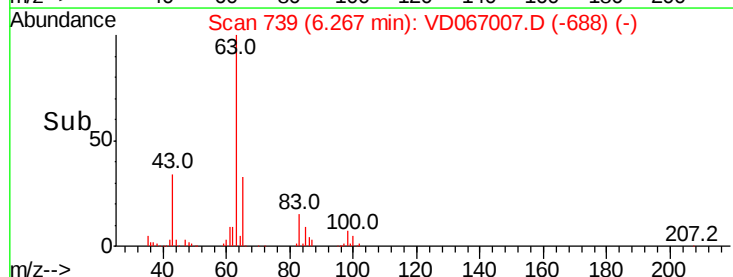
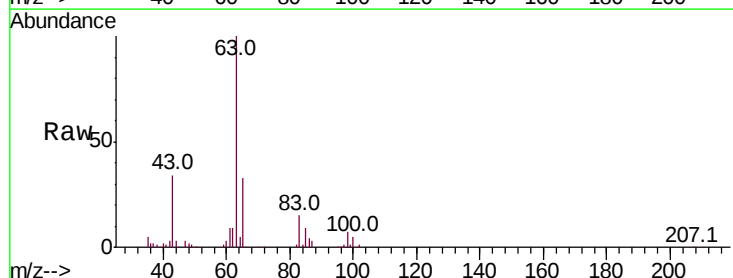
Tgt Ion: 63 Resp: 376184

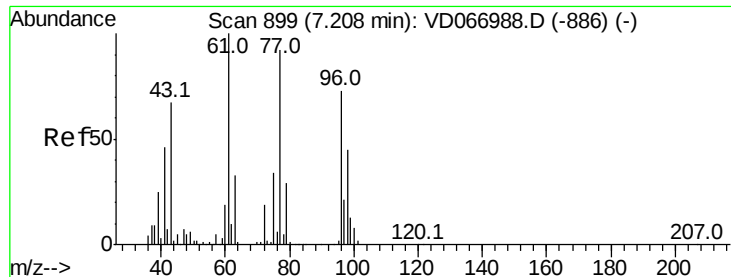
Ion Ratio Lower Upper

63 100

98 7.3 4.2 12.6

100 4.8 2.6 7.8

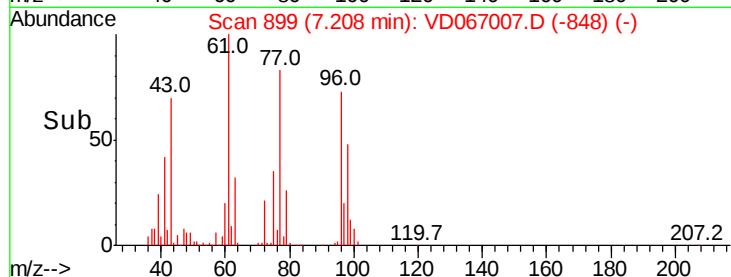
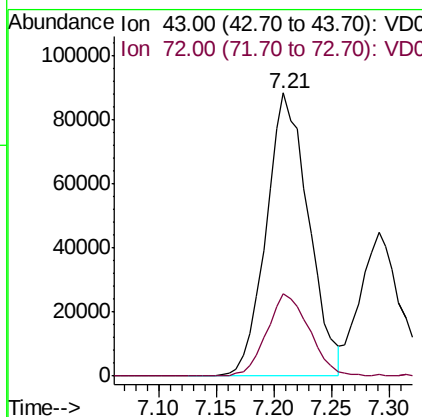
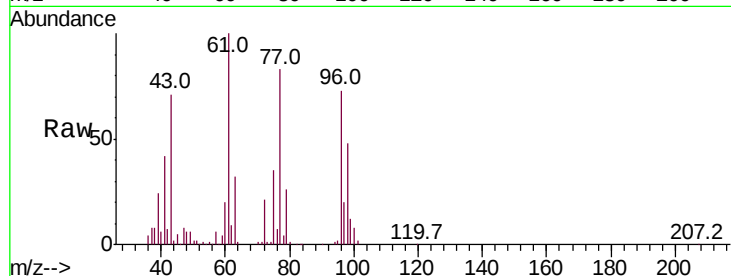




#25
2-Butanone
Concen: 255.810 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

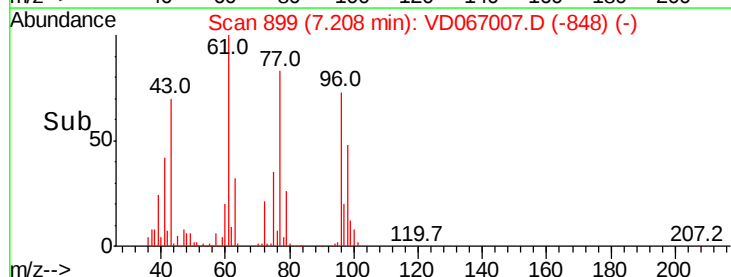
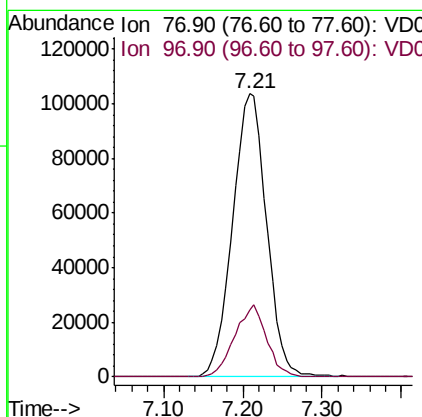
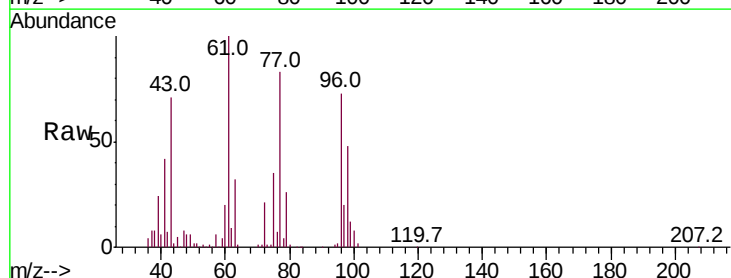
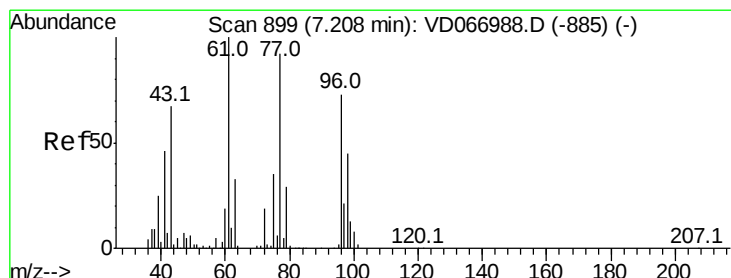
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

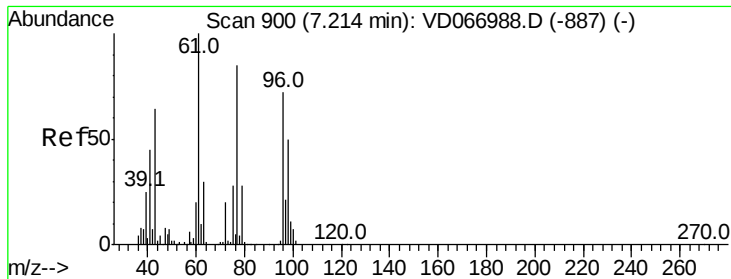
Tot Ion: 43 Resp: 226510
Ion Ratio Lower Upper
43 100
72 29.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.078 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 77 Resp: 308048
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.966 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

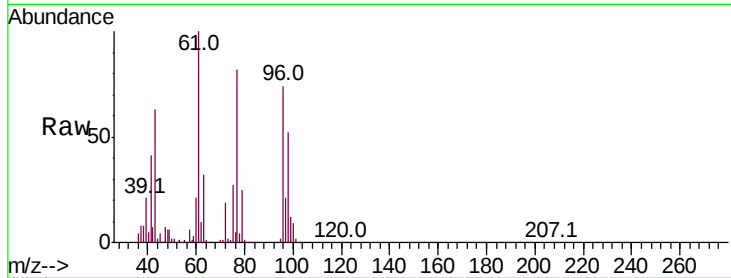
Tot Ion: 96 Resp: 257774

Ion Ratio Lower Upper

96 100

61 132.2 0.0 269.2

98 65.8 0.0 129.4



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

150000

100000

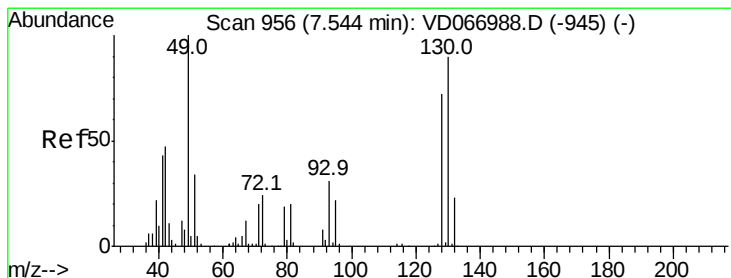
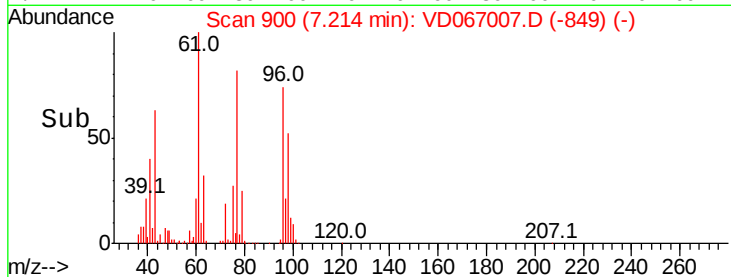
50000

0

7.10 7.20 7.30

7.21

Time-->



#28

Bromochloromethane

Concen: 55.270 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

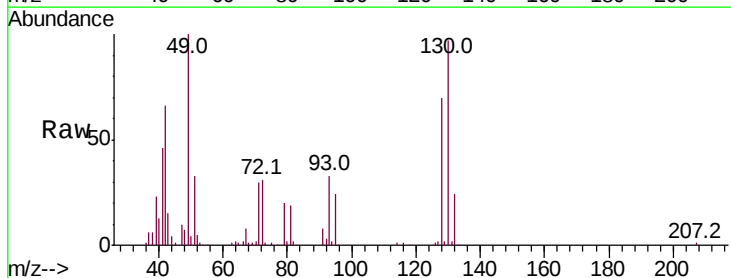
Tgt Ion: 49 Resp: 156434

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 93.3 74.1 111.1



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

80000

60000

40000

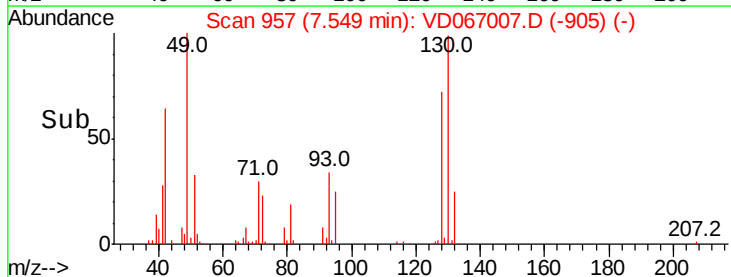
20000

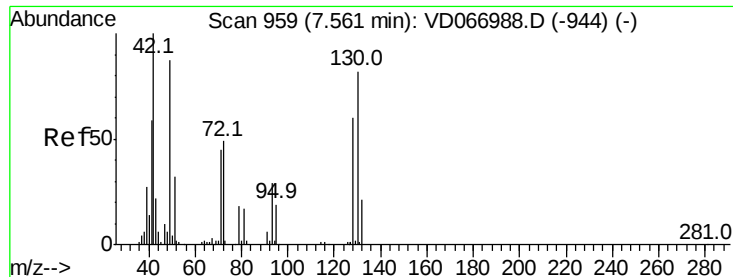
0

7.40 7.50 7.60

7.55

Time-->





#29

Tetrahydrofuran

Concen: 264.780 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

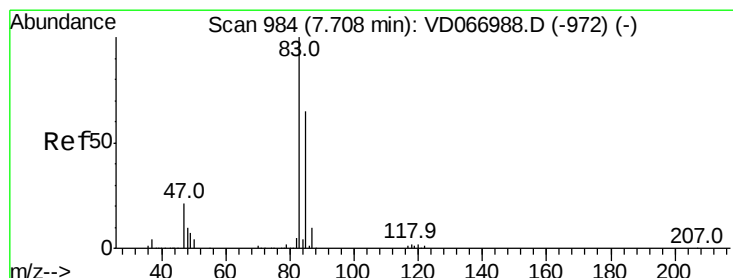
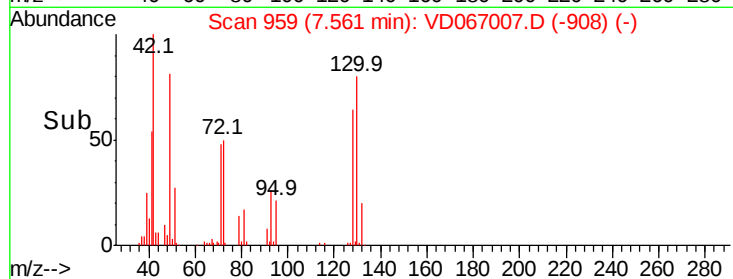
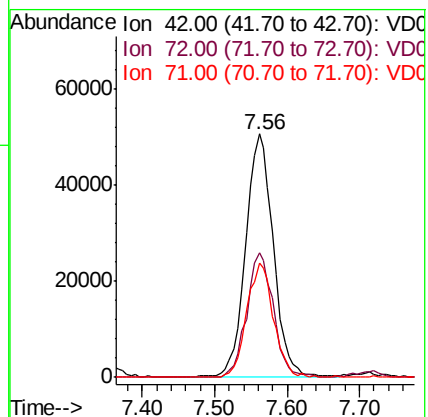
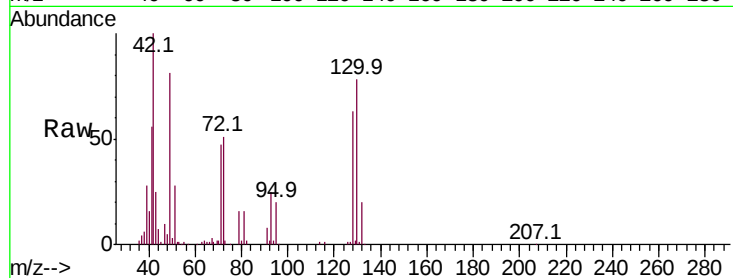
Tot Ion: 42 Resp: 134808

Ion Ratio Lower Upper

42 100

72 49.0 39.1 58.7

71 45.3 34.2 51.4



#30

Chloroform

Concen: 52.082 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD067007.D

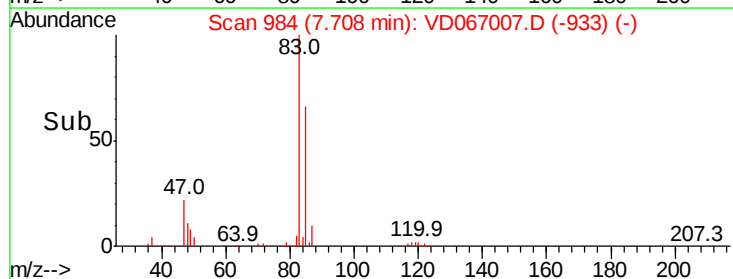
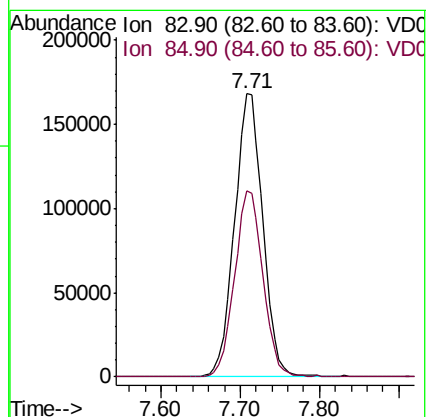
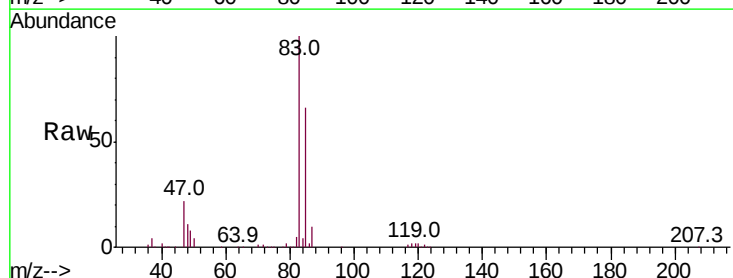
Acq: 01 Oct 2020 22:46

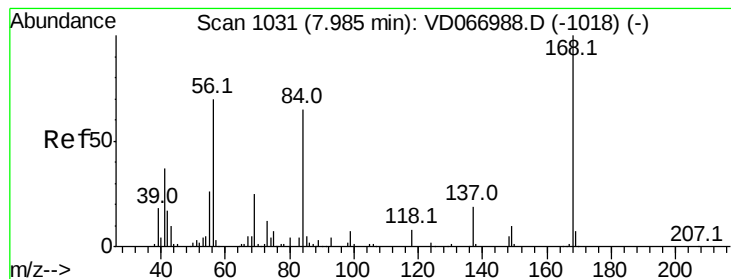
Tgt Ion: 83 Resp: 414069

Ion Ratio Lower Upper

83 100

85 65.8 52.3 78.5





#31

Cyclohexane

Concen: 45.706 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

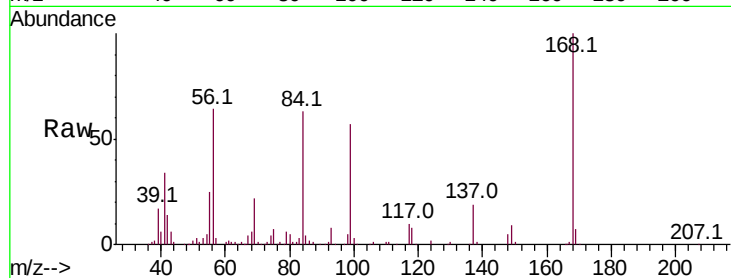
Tot Ion: 56 Resp: 280835

Ion Ratio Lower Upper

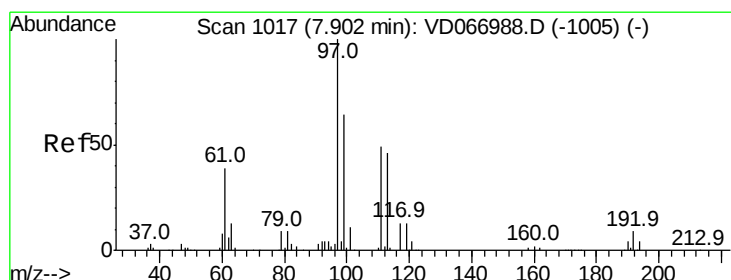
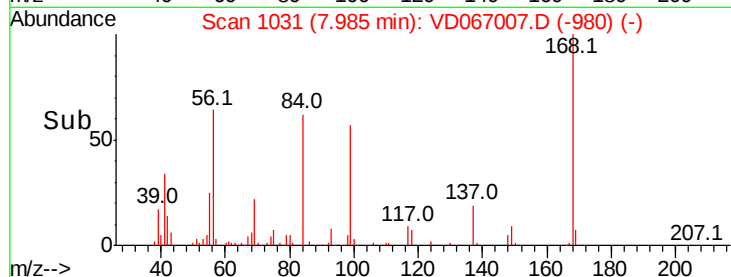
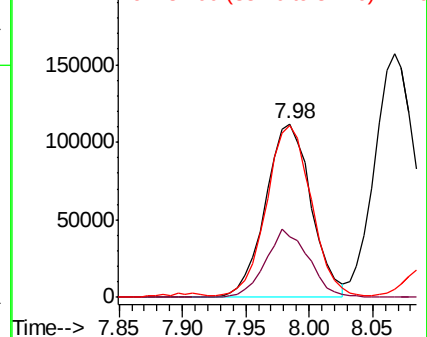
56 100

69 34.5 29.0 43.6

84 96.5 74.2 111.2



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: 50.790 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

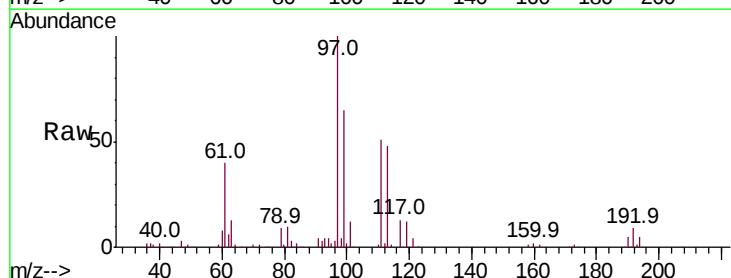
Tgt Ion: 97 Resp: 374229

Ion Ratio Lower Upper

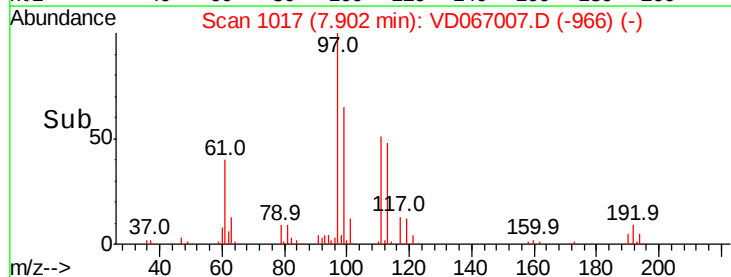
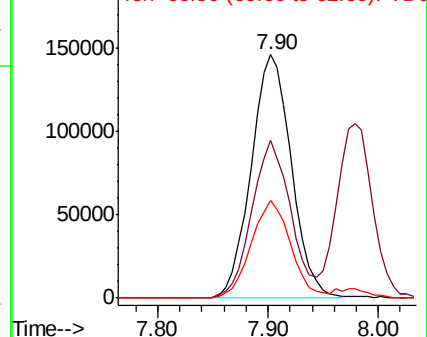
97 100

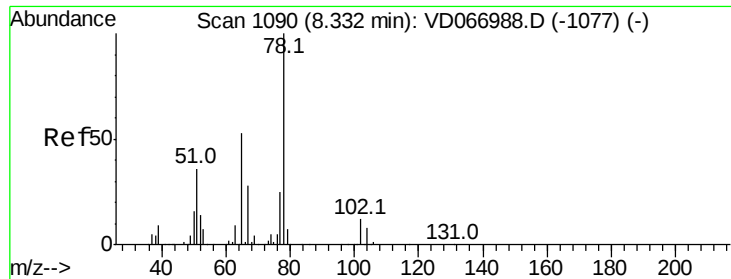
99 62.9 52.6 78.8

61 39.5 32.8 49.2



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

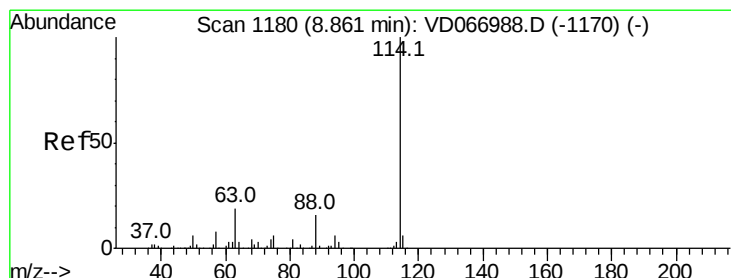
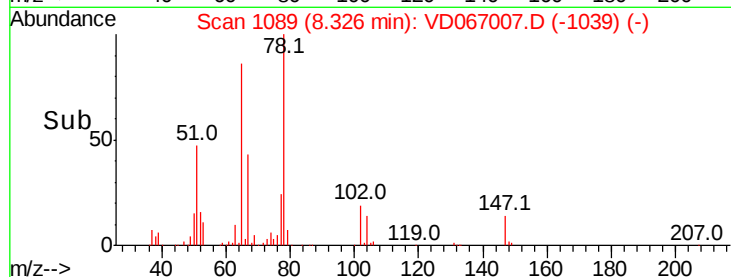
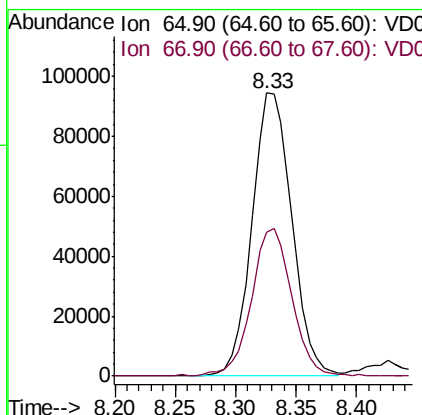
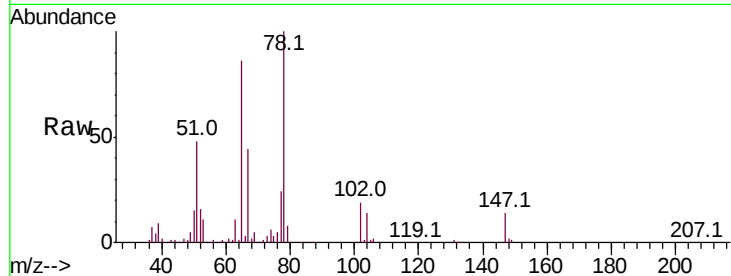




#33
 1,2-Dichloroethane-d4
 Concen: 52.941 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

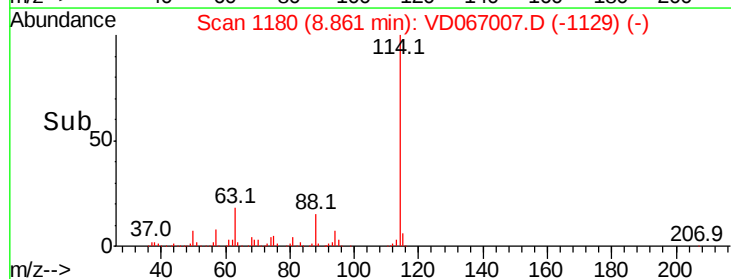
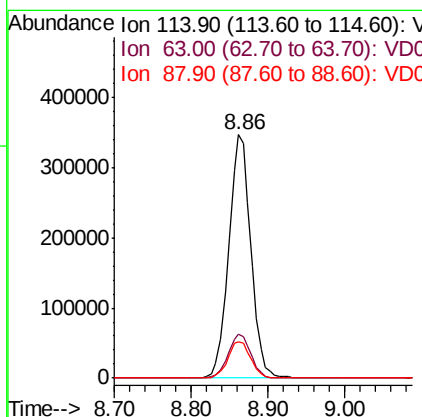
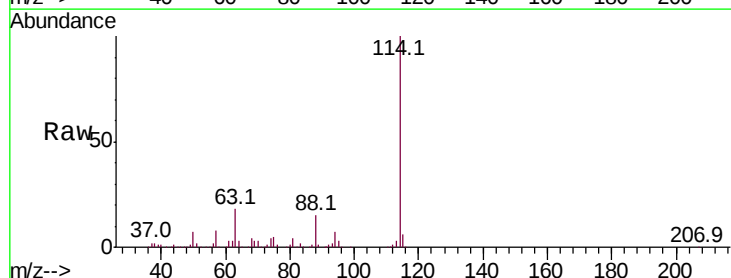
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

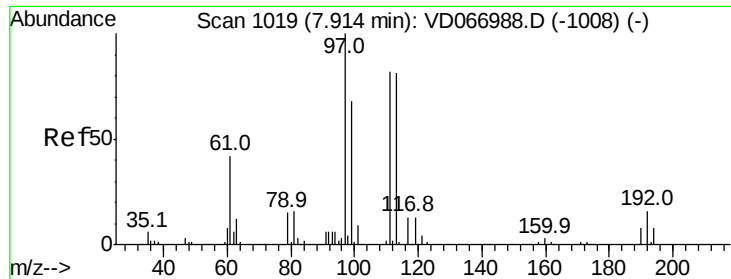
Tot Ion: 65 Resp: 216599
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Tgt Ion: 114 Resp: 694355
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.9 0.0 31.2

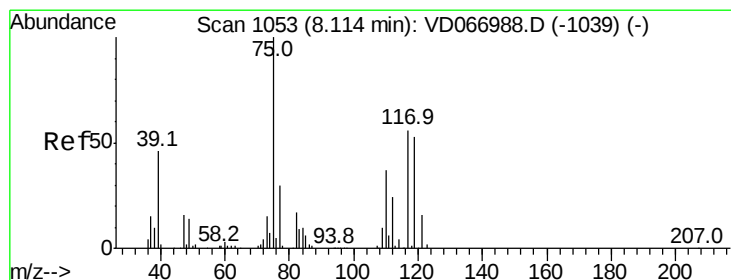
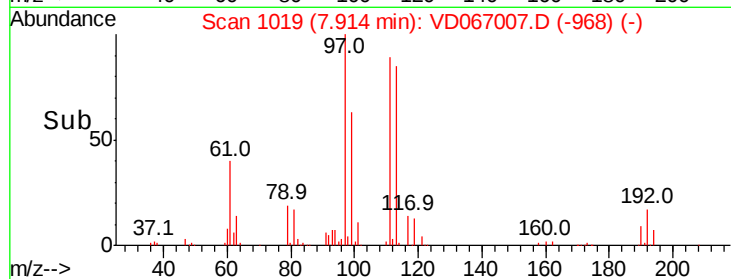
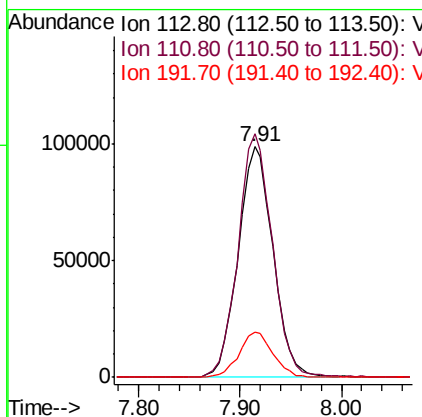
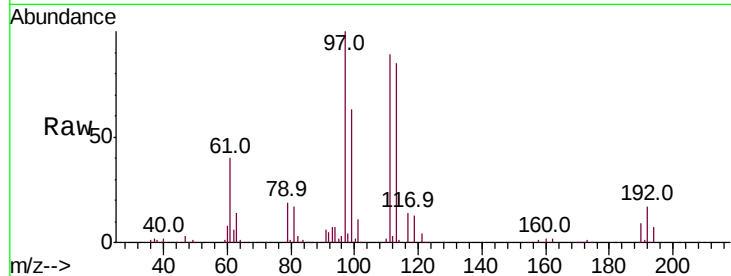




#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

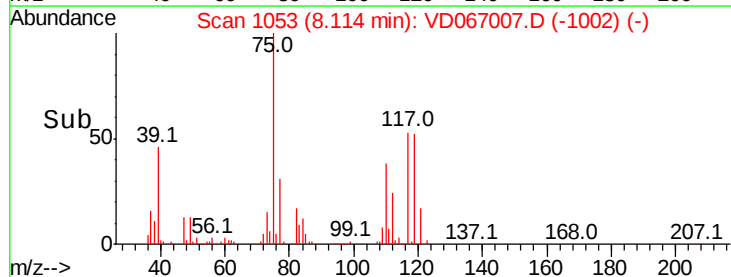
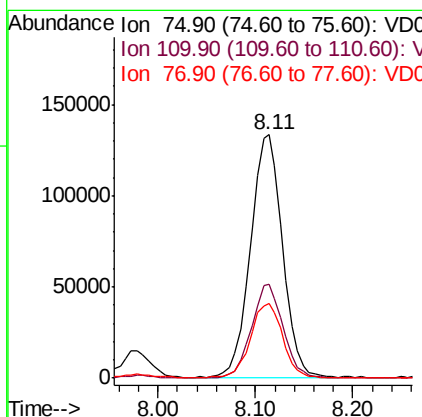
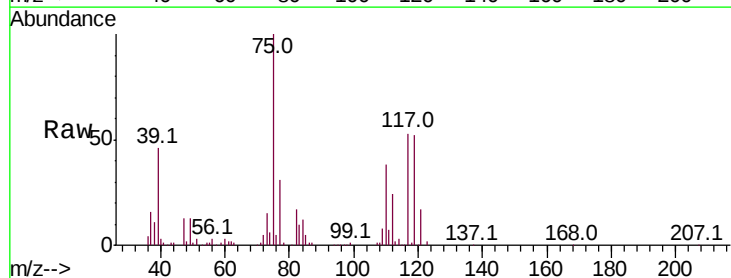
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

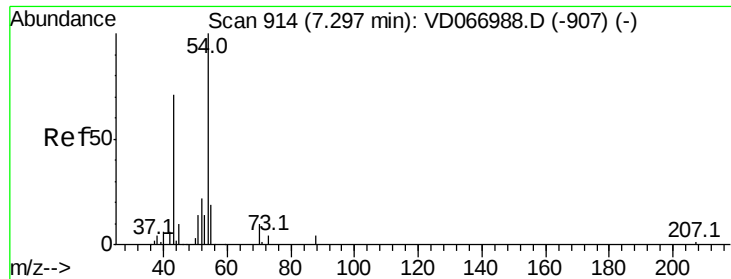
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.4
192	19.0	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 47.819 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.4	55.0
77	31.0	24.8	37.2

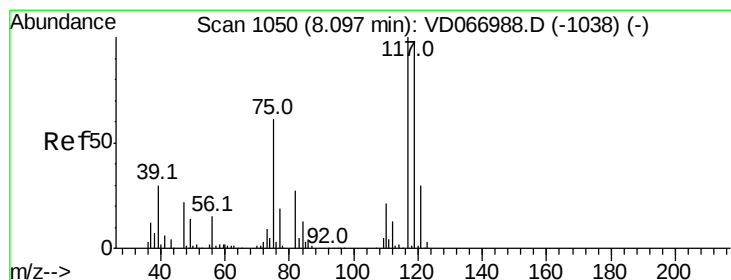
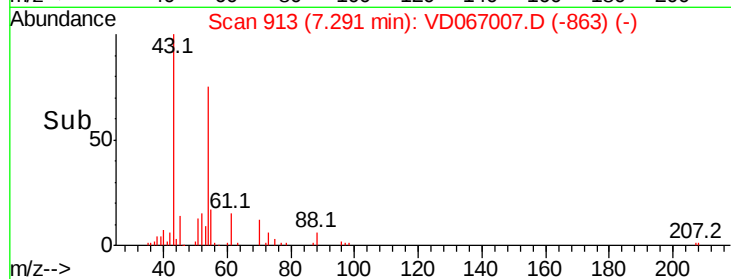
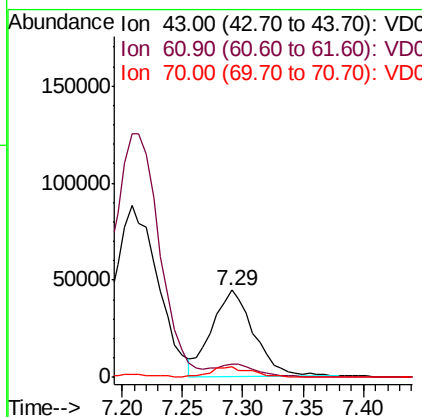
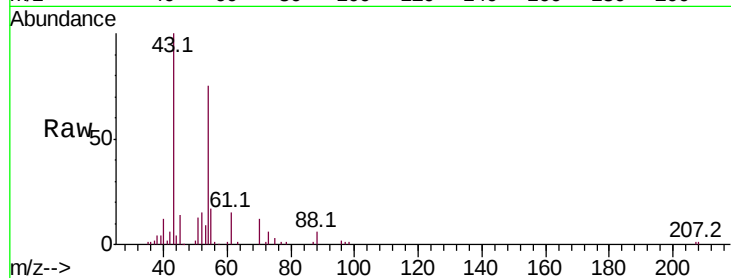




#37
Ethyl Acetate
Concen: 48.054 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

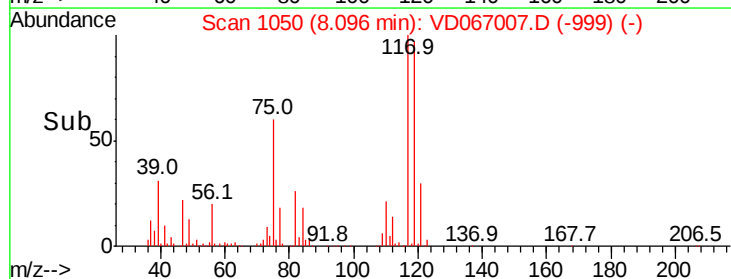
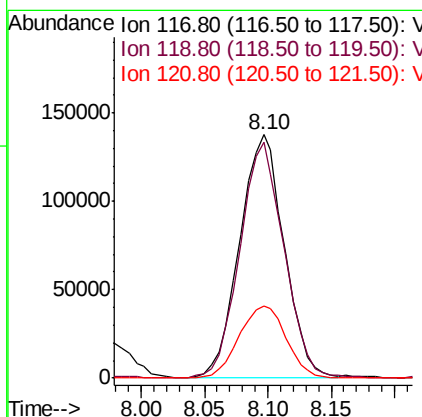
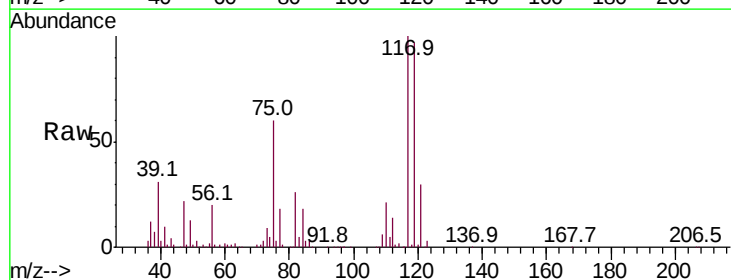
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

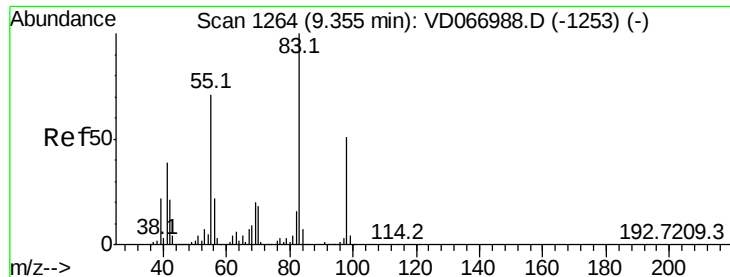
Tot Ion: 43 Resp: 107744
Ion Ratio Lower Upper
43 100
61 13.5 12.5 18.7
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 47.599 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 117 Resp: 333324
Ion Ratio Lower Upper
117 100
119 97.1 78.7 118.1
121 29.8 24.2 36.2

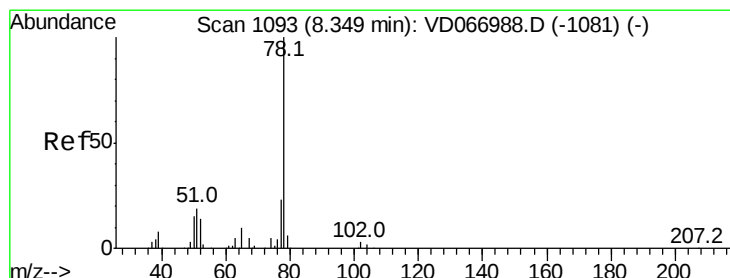
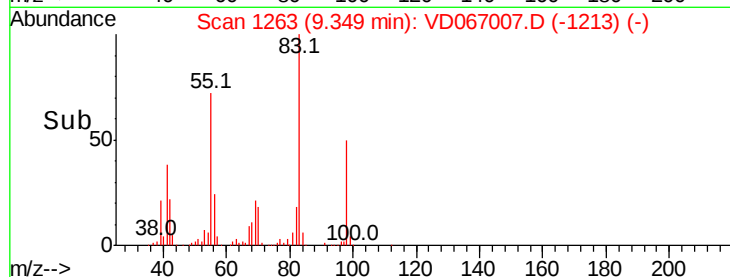
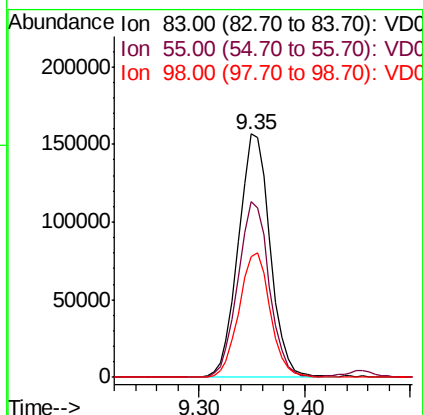
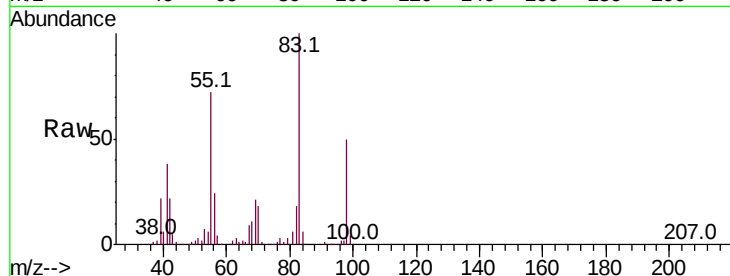




#39
Methvlcvclohexane
Concen: 47.904 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

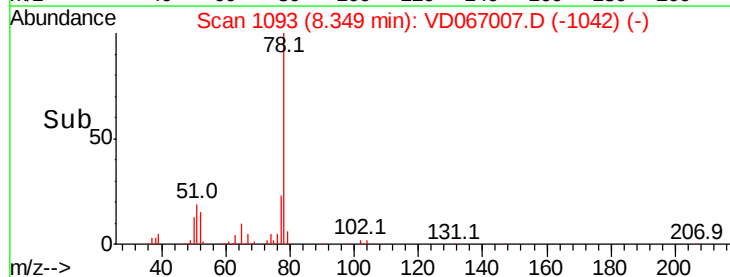
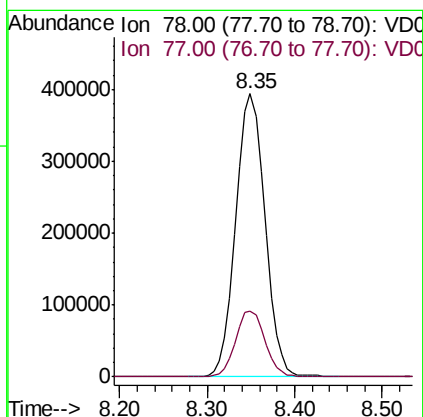
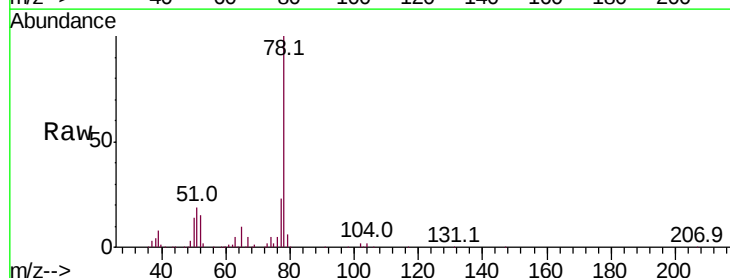
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

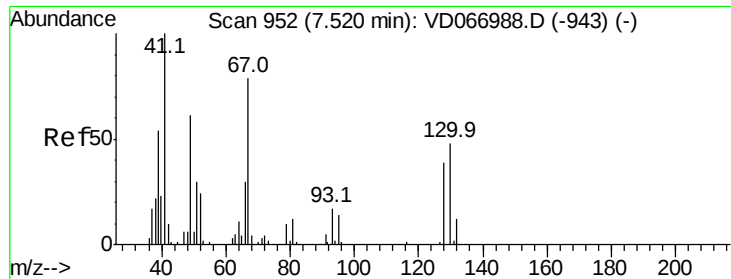
Tot Ion: 83 Resp: 327792
Ion Ratio Lower Upper
83 100
55 72.0 57.1 85.7
98 49.7 40.9 61.3



#40
Benzene
Concen: 49.703 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 78 Resp: 893503
Ion Ratio Lower Upper
78 100
77 23.5 18.4 27.6

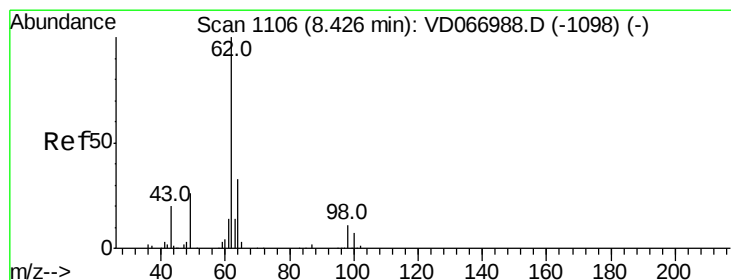
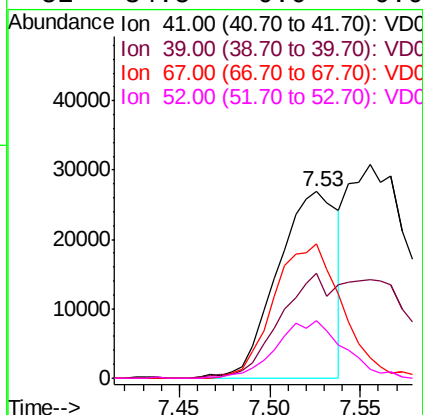
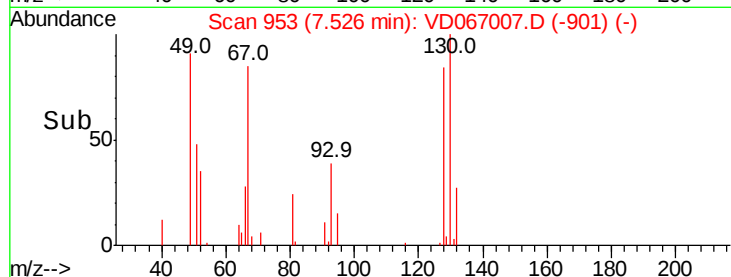
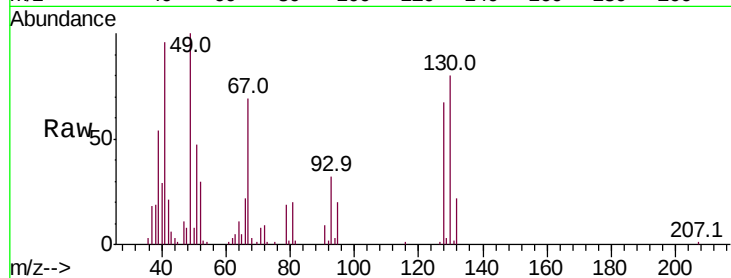




#41
Methacrylonitrile
Concen: 51.465 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

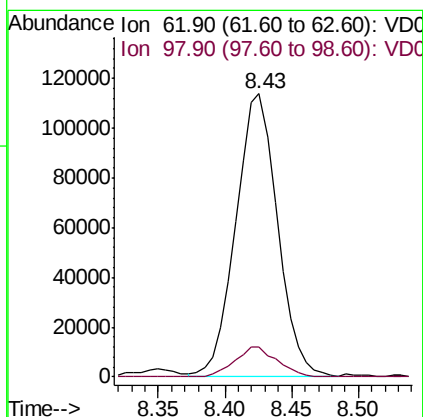
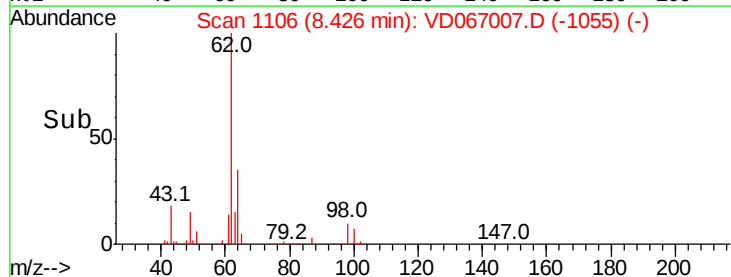
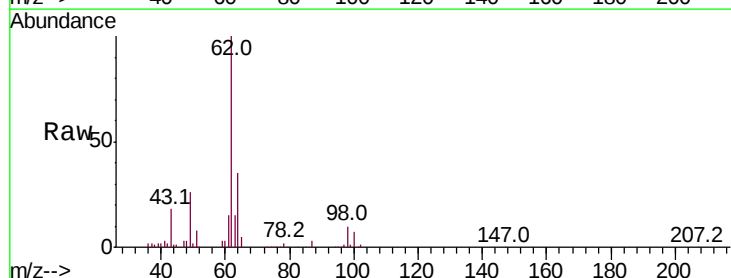
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

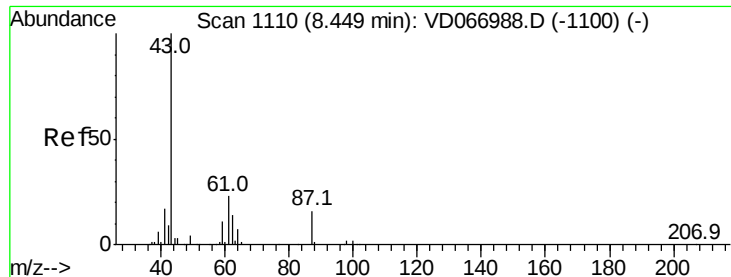
Tot Ion: 41 Resp: 62339
Ion Ratio Lower Upper
41 100
39 45.0 0.0 0.0#
67 82.1 0.0 0.0#
52 34.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.808 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 62 Resp: 245178
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.6





#43

Isopropyl Acetate

Concen: 49.158 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

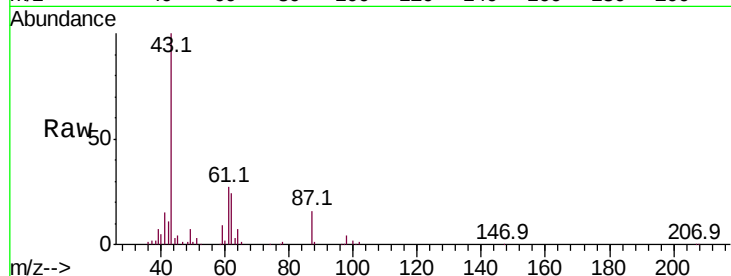
Tot Ion: 43 Resp: 203048

Ion Ratio Lower Upper

43 100

61 36.3 27.1 40.7

87 15.1 12.3 18.5



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

120000

100000

80000

60000

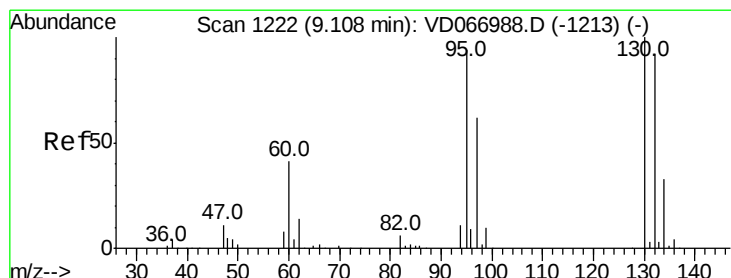
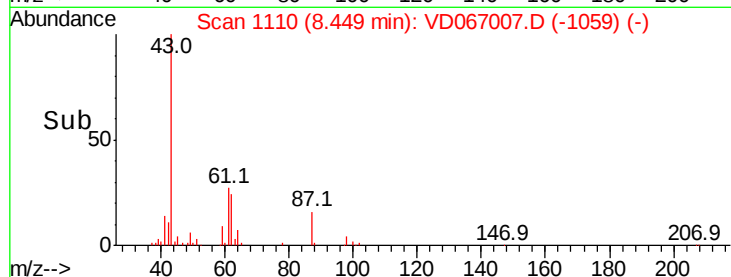
40000

20000

0

8.40 8.45 8.60

Time-->



#44

Trichloroethene

Concen: 48.933 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD067007.D

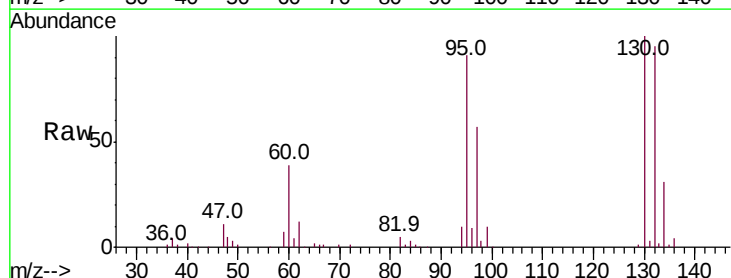
Acq: 01 Oct 2020 22:46

Tgt Ion:130 Resp: 262673

Ion Ratio Lower Upper

130 100

95 91.1 0.0 187.8



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

150000

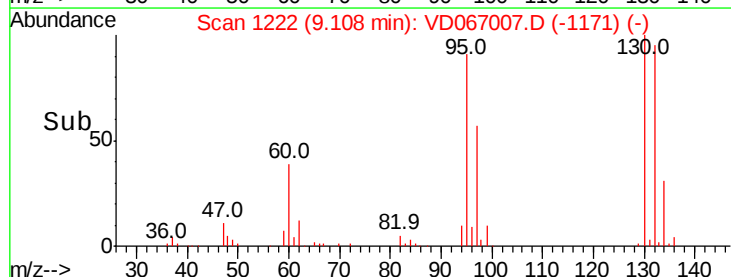
100000

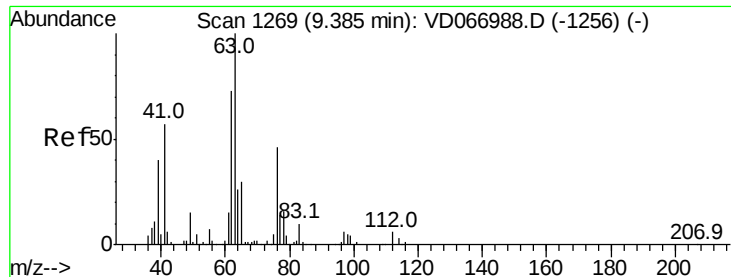
50000

0

9.00 9.10 9.20

Time-->





#45

1,2-Dichloropropane

Concen: 51.885 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

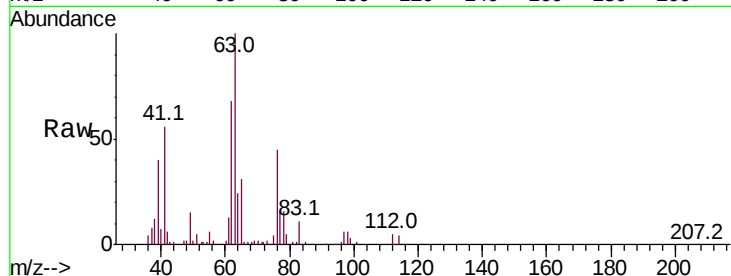
VSTDCCC050

Tot Ion: 63 Resp: 219153

Ion Ratio Lower Upper

63 100

65 31.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

120000

100000

80000

60000

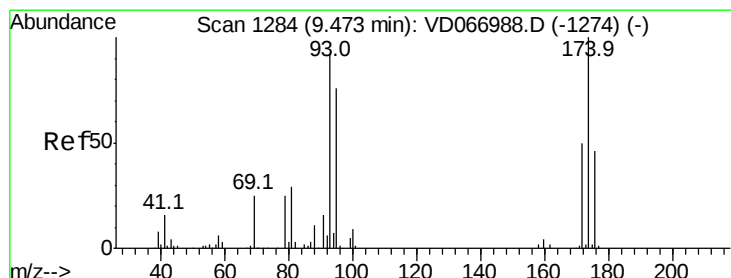
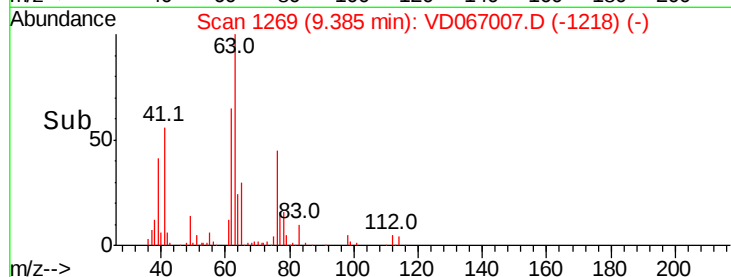
40000

20000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 51.129 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

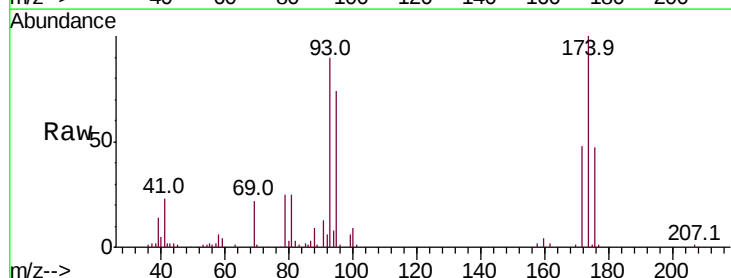
Tgt Ion: 93 Resp: 124123

Ion Ratio Lower Upper

93 100

95 82.6 64.7 97.1

174 103.8 81.4 122.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

80000

60000

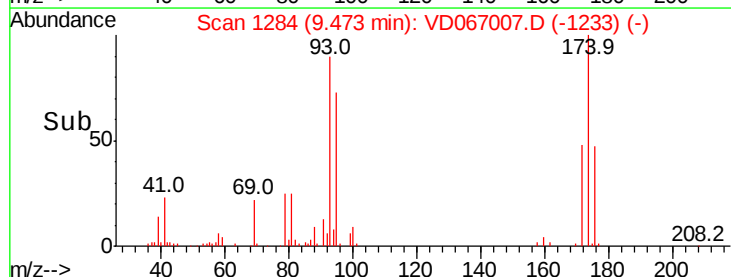
40000

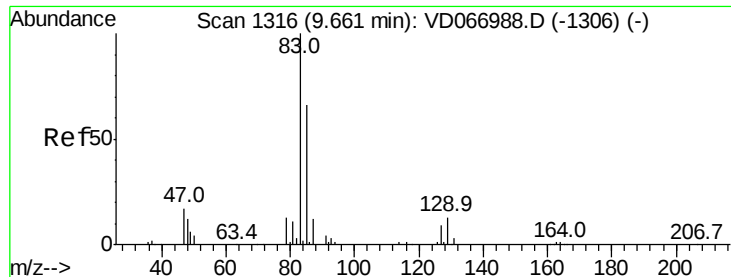
20000

0

Time-->

9.40 9.50 9.60





#47

Bromodichloromethane

Concen: 50.612 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

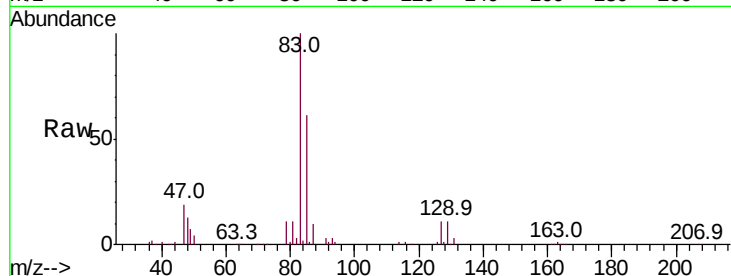
Tot Ion: 83 Resp: 319391

Ion Ratio Lower Upper

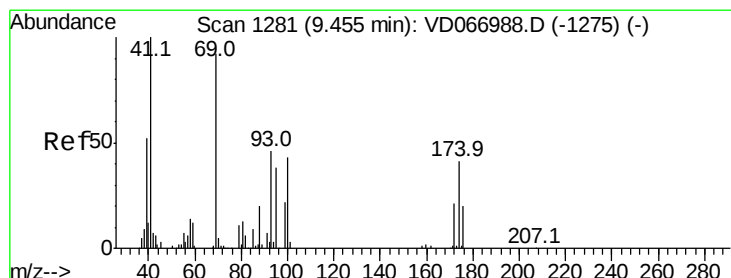
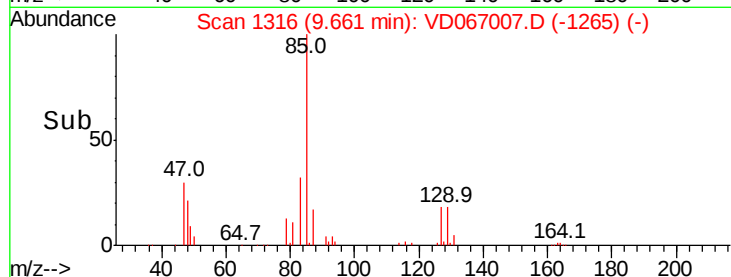
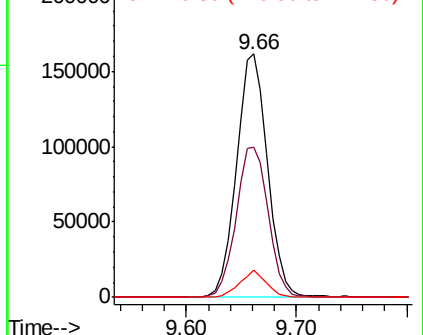
83 100

85 61.5 52.9 79.3

127 11.2 7.3 10.9#



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: 47.107 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

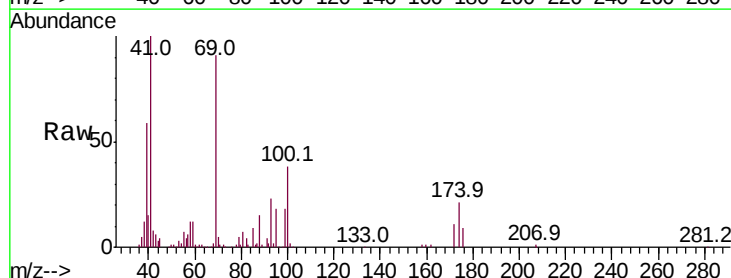
Tgt Ion: 41 Resp: 99683

Ion Ratio Lower Upper

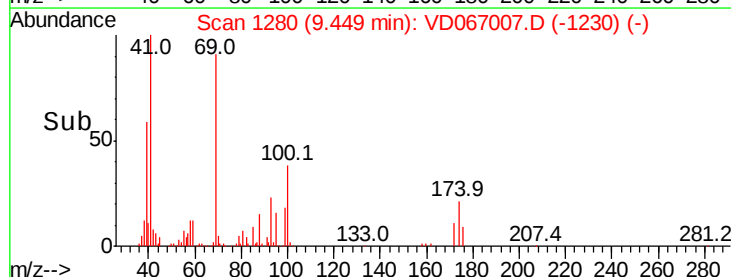
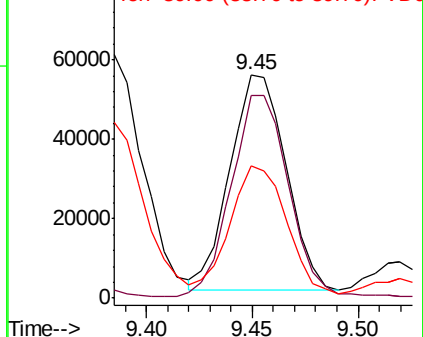
41 100

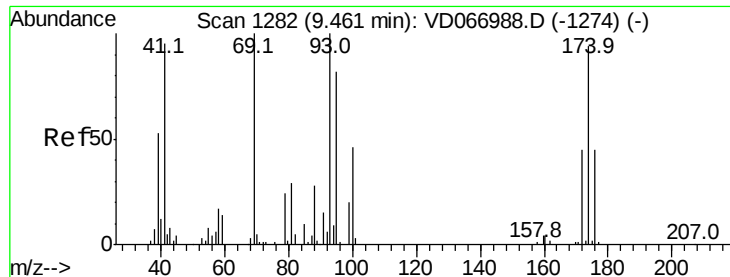
69 98.8 68.5 102.7

39 63.8 40.2 60.2#



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: 917.312 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

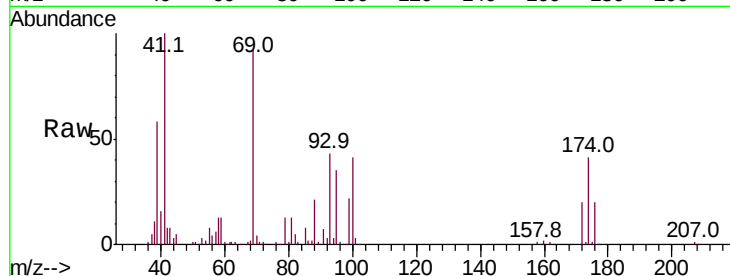
Tot Ion: 88 Resp: 23242

Ion Ratio Lower Upper

88 100

43 31.4 25.6 38.4

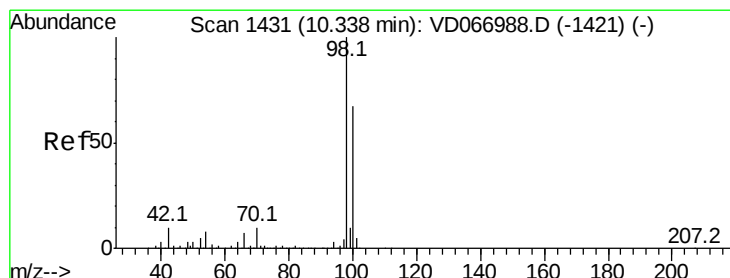
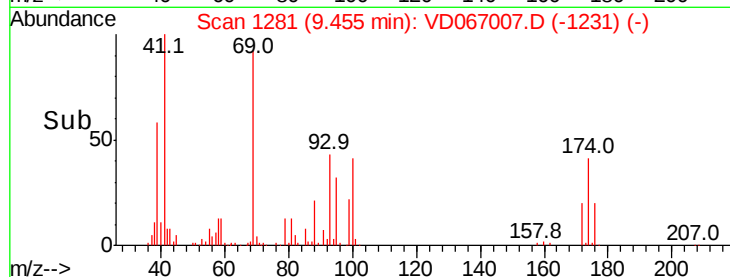
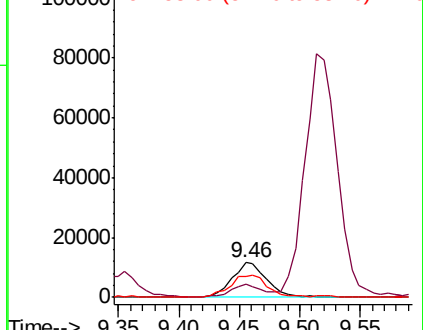
58 70.3 53.5 80.3



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: 52.286 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067007.D

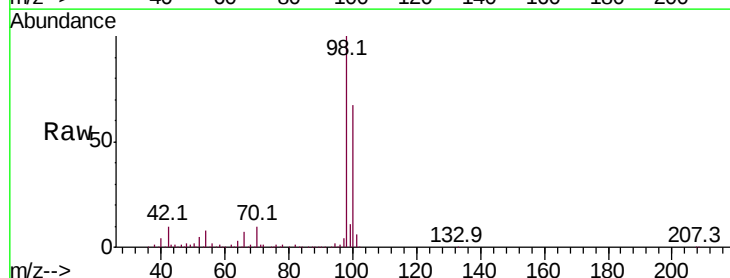
Acq: 01 Oct 2020 22:46

Tgt Ion: 98 Resp: 866089

Ion Ratio Lower Upper

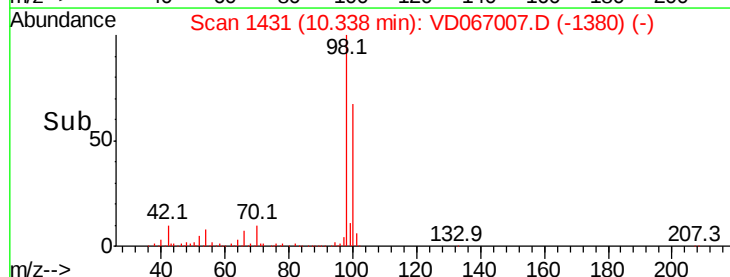
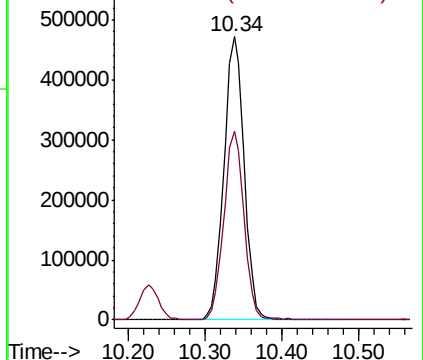
98 100

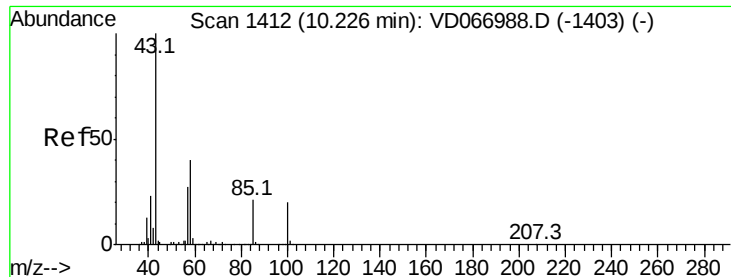
100 65.8 52.8 79.2



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: 254.111 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

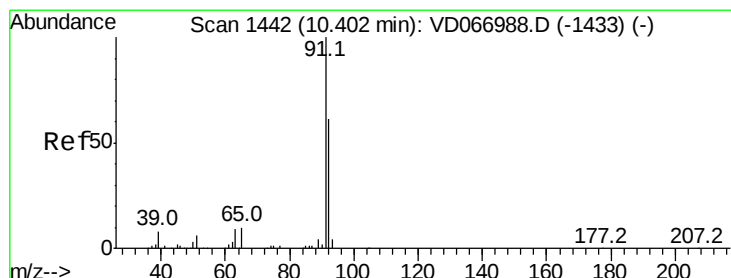
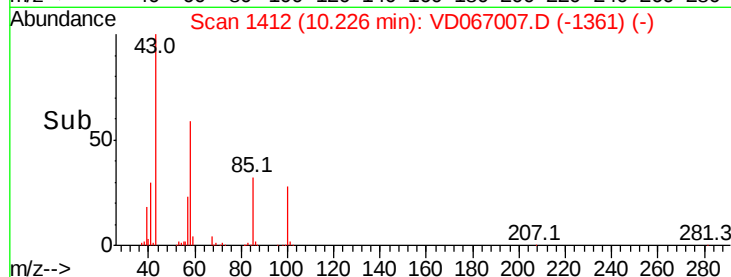
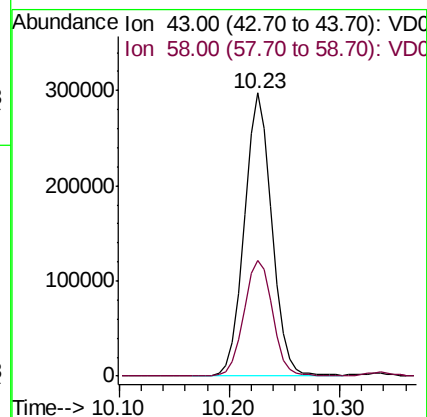
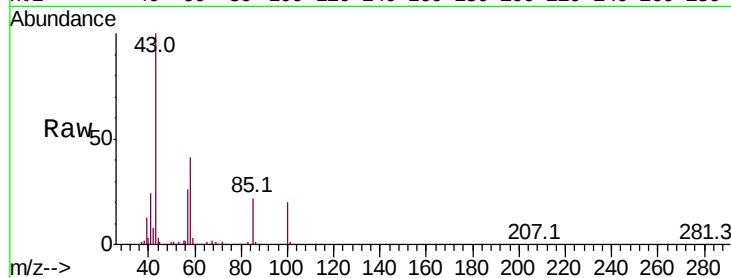
VSTDCCC050

Tot Ion: 43 Resp: 522805

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8



#52

Toluene

Concen: 50.835 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067007.D

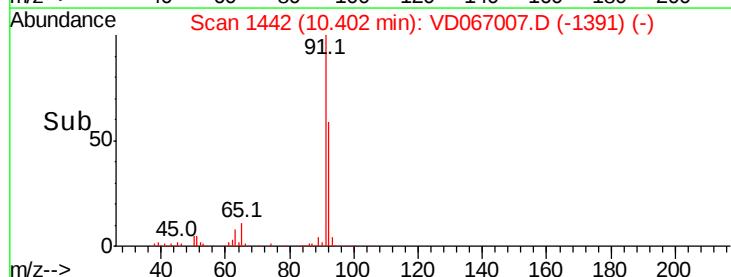
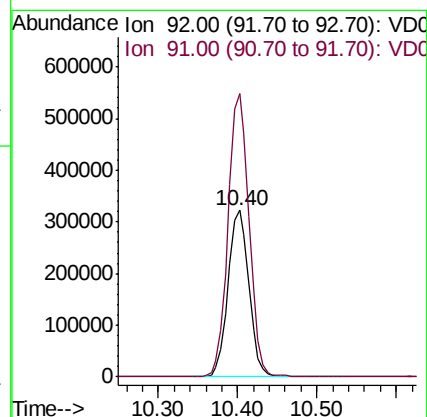
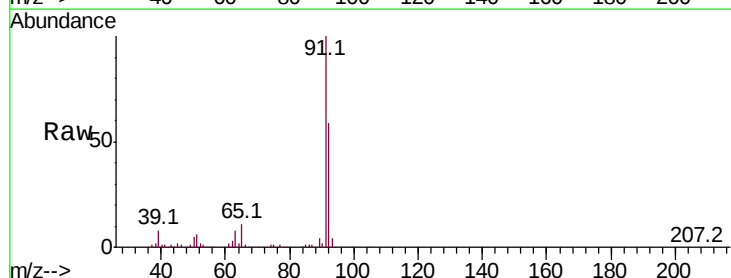
Acq: 01 Oct 2020 22:46

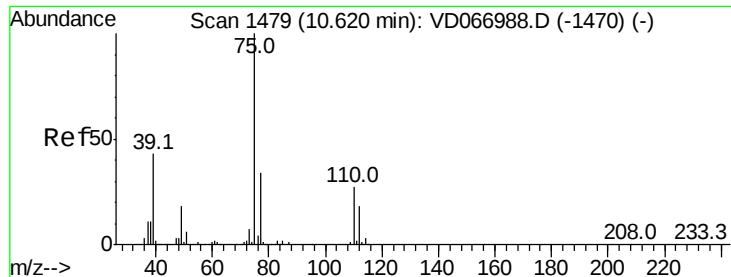
Tgt Ion: 92 Resp: 588681

Ion Ratio Lower Upper

92 100

91 170.5 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 50.344 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

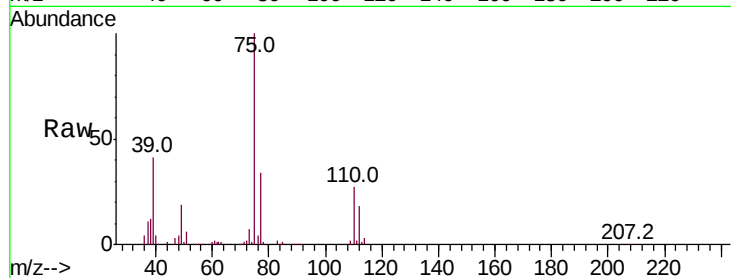
VSTDCCC050

Tot Ion: 75 Resp: 283939

Ion Ratio Lower Upper

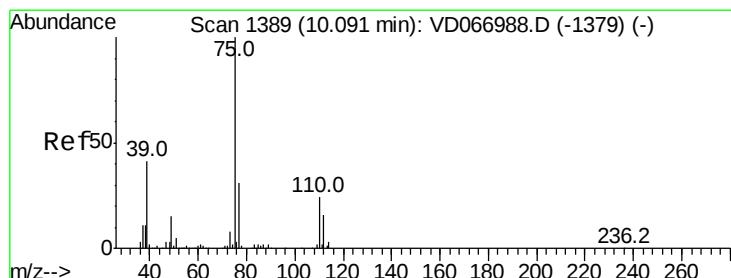
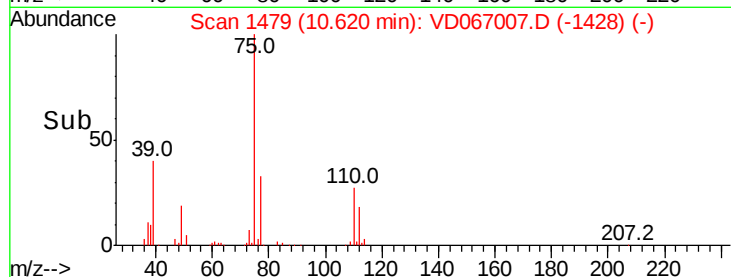
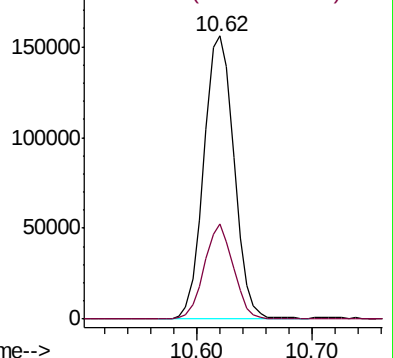
75 100

77 33.6 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.266 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

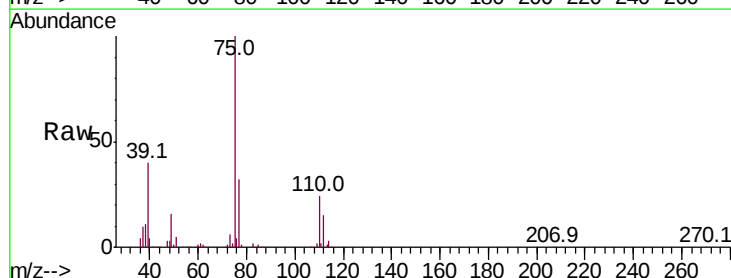
Tgt Ion: 75 Resp: 346186

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

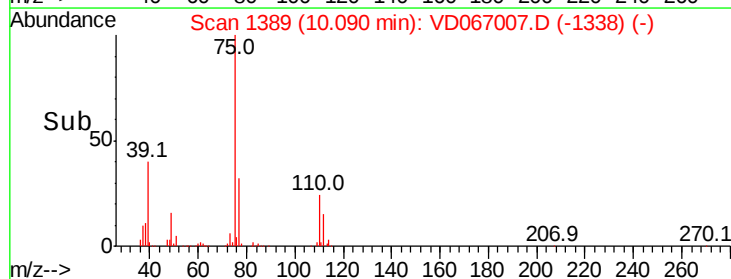
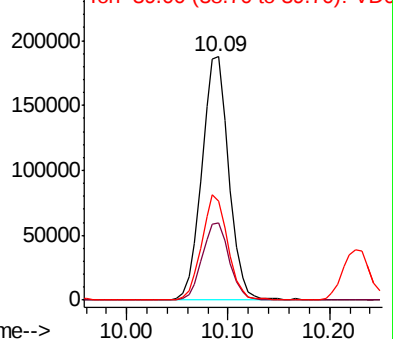
39 40.5 33.0 49.4

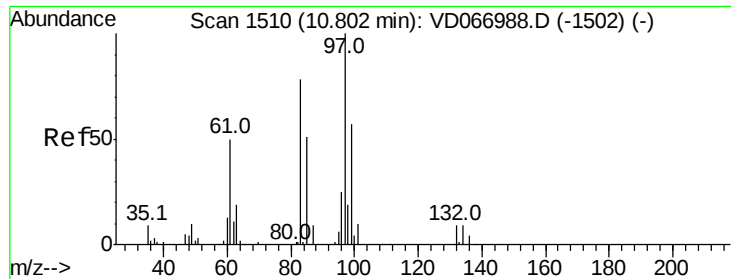


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



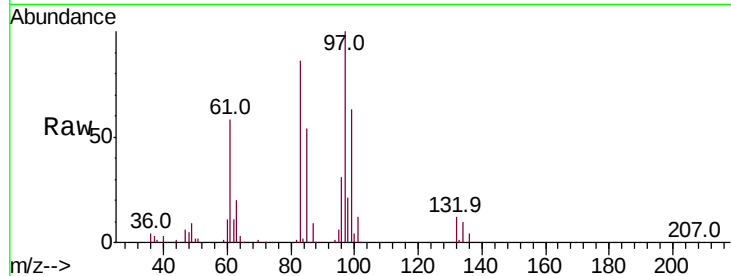


#55
 1,1,2-Trichloroethane
 Concen: 48.803 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

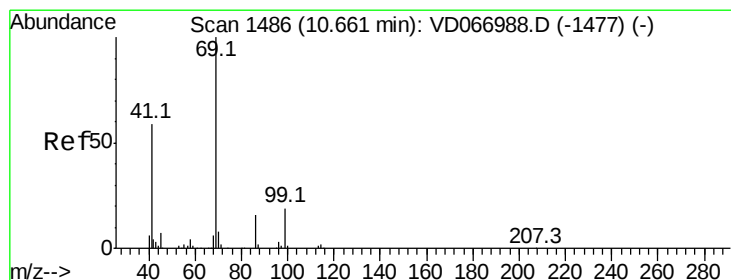
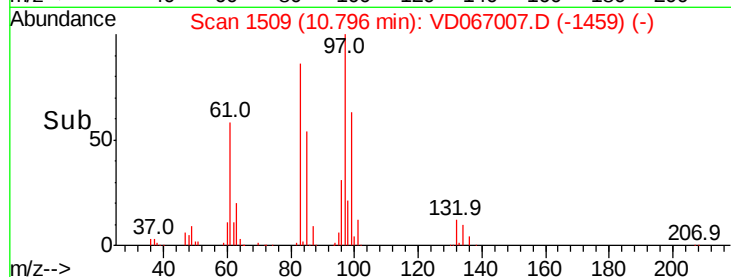
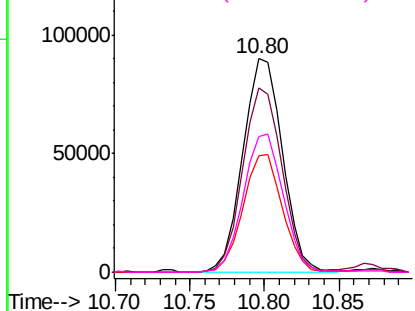
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 164718

Ion	Ratio	Lower	Upper
97	100		
83	86.6	62.4	93.6
85	54.5	41.0	61.4
99	63.4	45.9	68.9



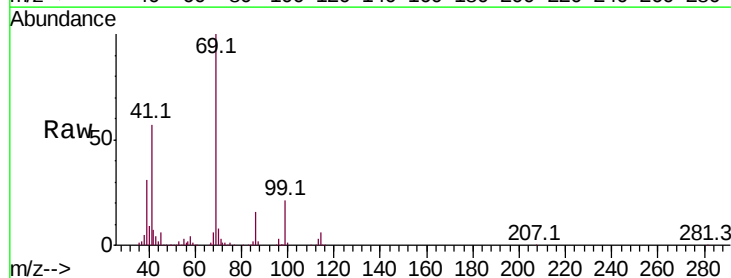
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



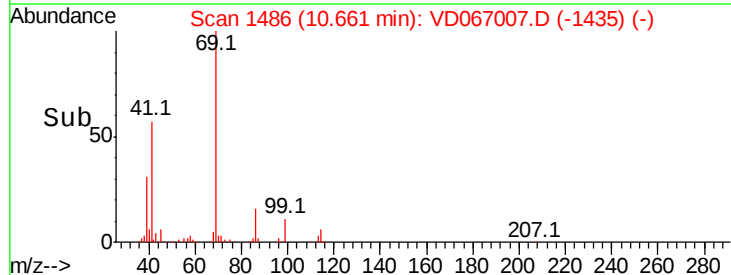
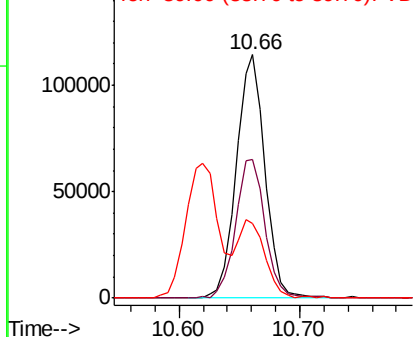
#56
 Ethyl methacrylate
 Concen: 54.155 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

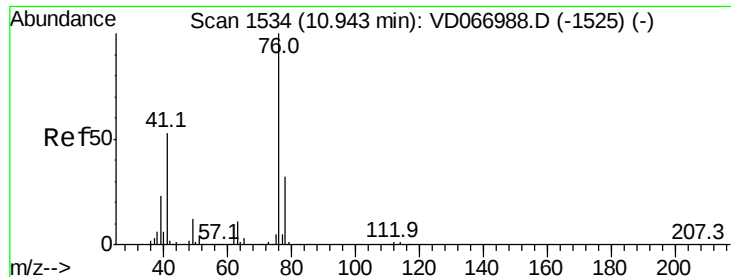
Tgt Ion: 69 Resp: 188713

Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.4	69.6
39	29.7	23.8	35.6



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: 52.083 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

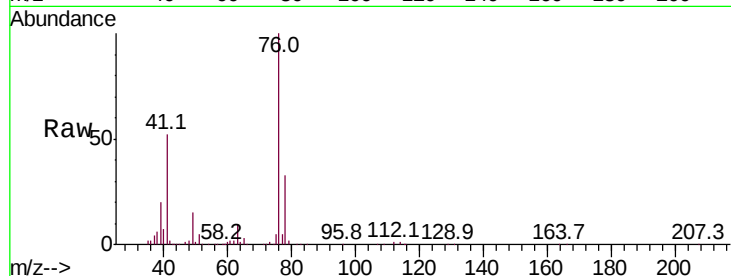
VSTDCCC050

Tot Ion: 76 Resp: 285061

Ion Ratio Lower Upper

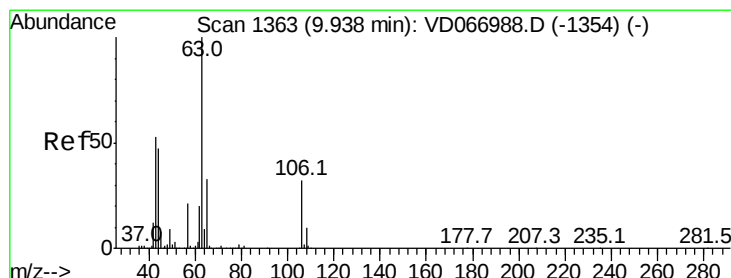
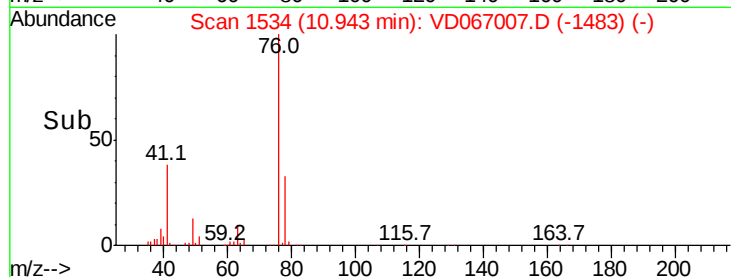
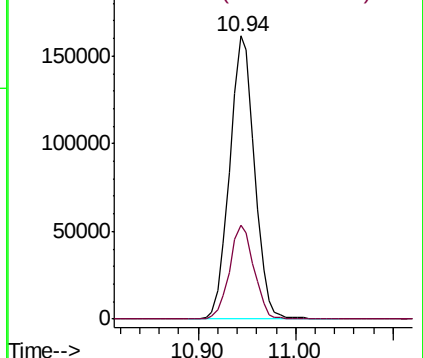
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 276.005 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD067007.D

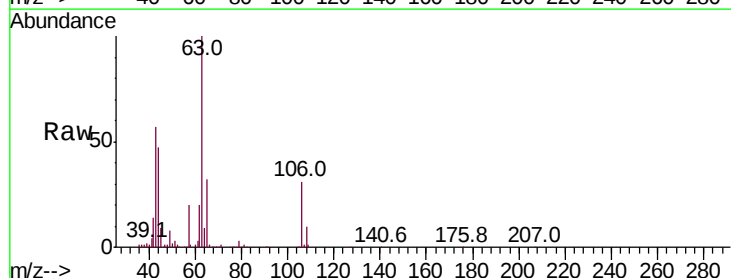
Acq: 01 Oct 2020 22:46

Tgt Ion: 63 Resp: 535316

Ion Ratio Lower Upper

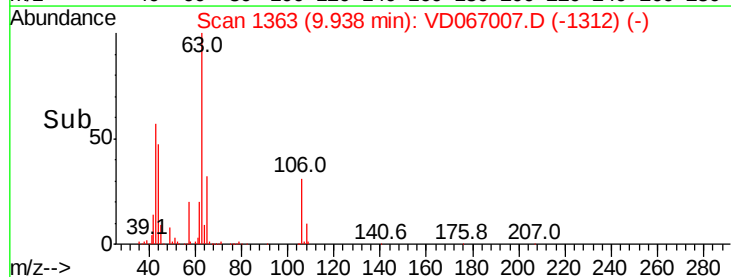
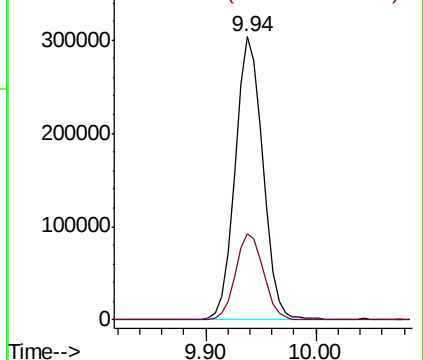
63 100

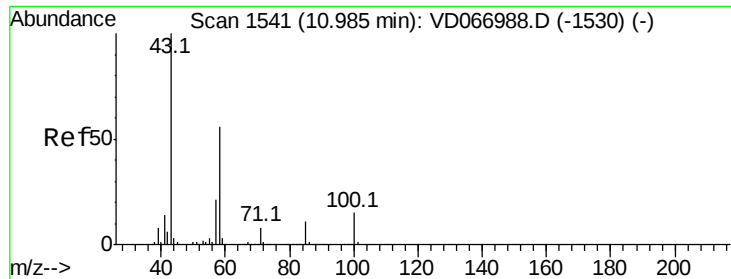
106 30.8 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

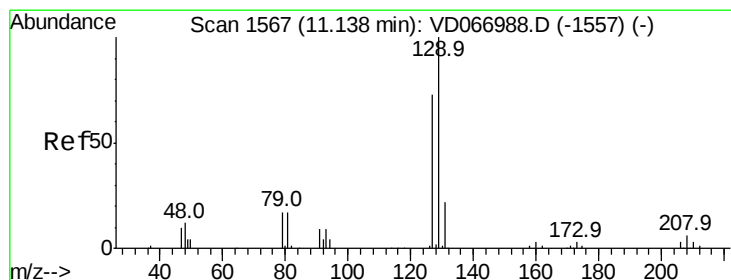
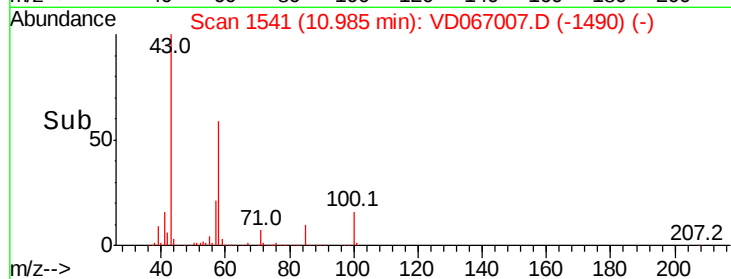
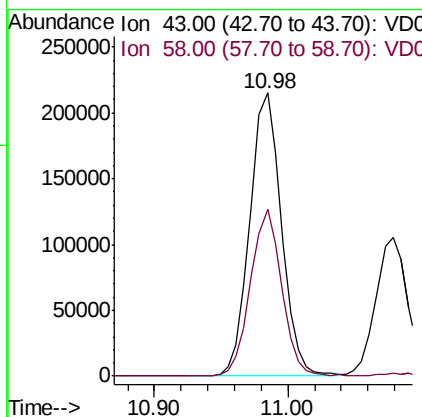
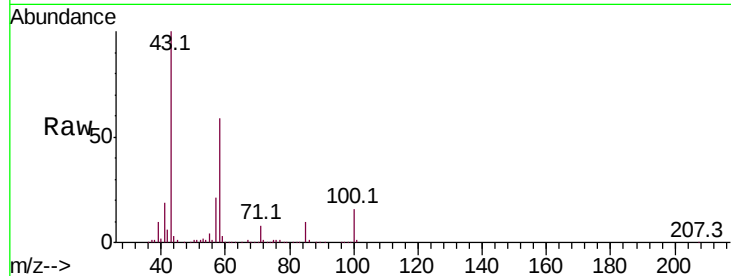




#59
2-Hexanone
Concen: 256.695 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

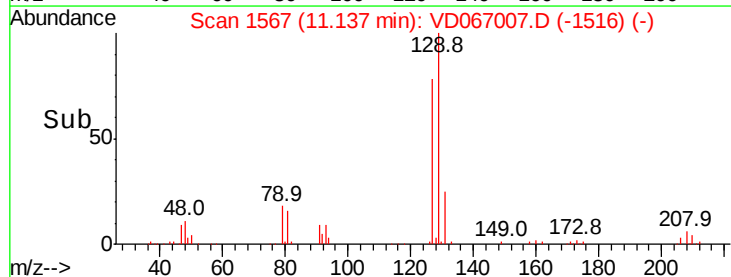
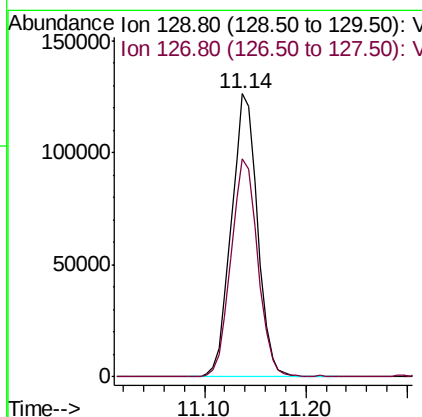
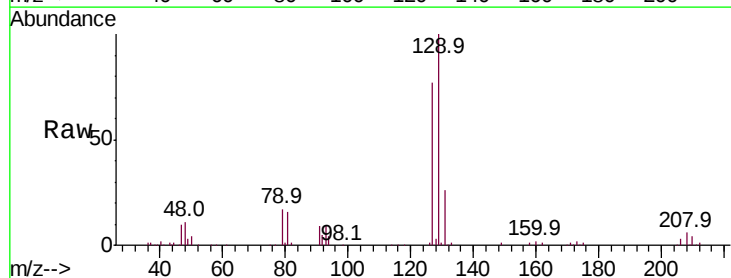
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

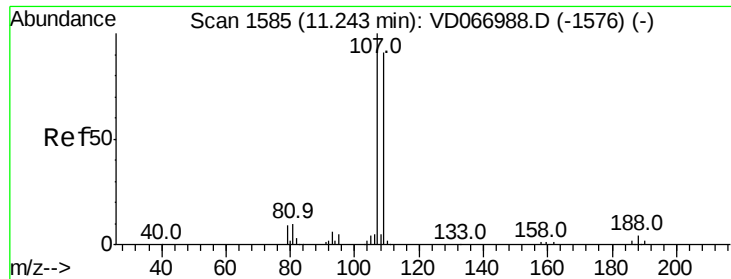
Tot Ion: 43 Resp: 352490
Ion Ratio Lower Upper
43 100
58 58.0 28.3 84.9



#60
Dibromochloromethane
Concen: 50.244 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 129 Resp: 226027
Ion Ratio Lower Upper
129 100
127 79.0 37.4 112.1

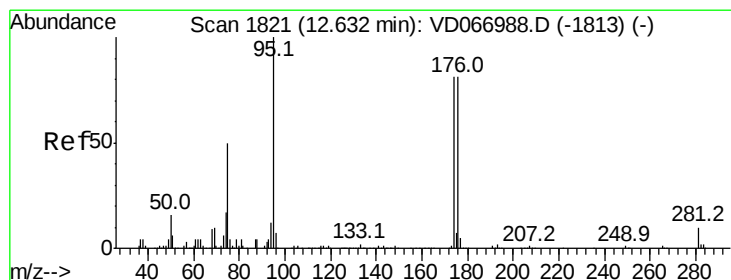
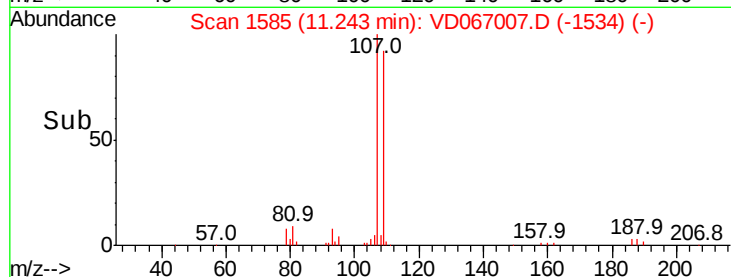
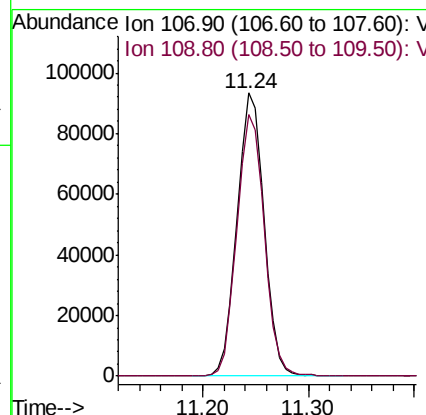
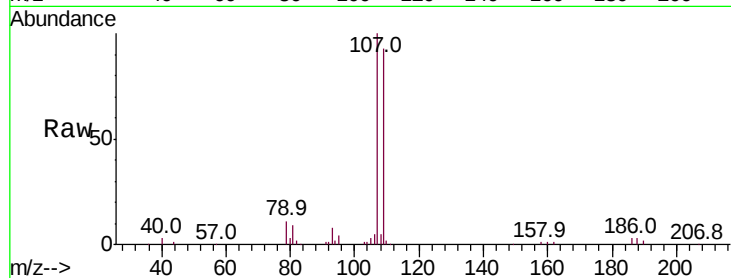




#61
 1,2-Dibromoethane
 Concen: 50.880 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

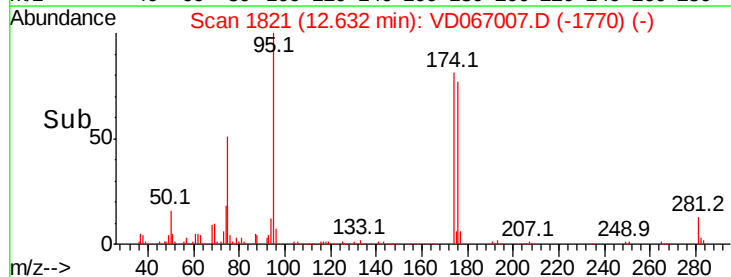
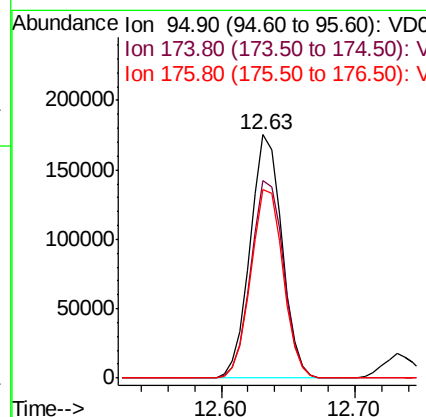
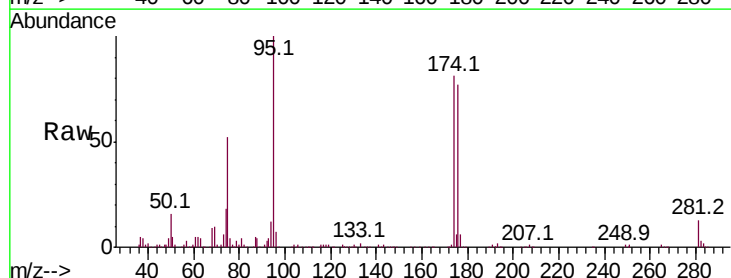
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

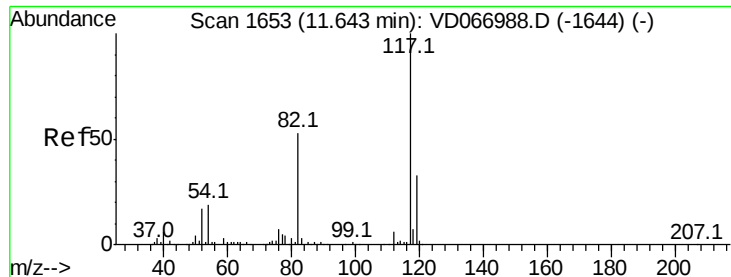
Tot Ion:107 Resp: 164984
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.208 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Tgt Ion: 95 Resp: 287956
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 167.6
 176 78.9 0.0 162.4

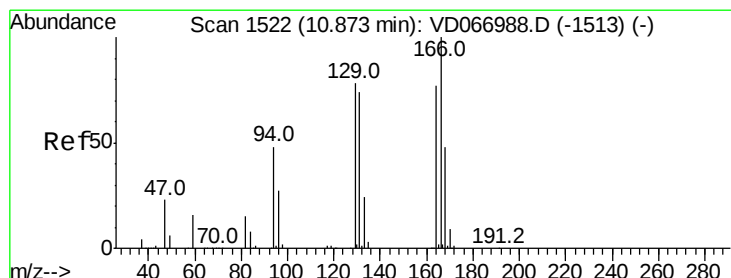
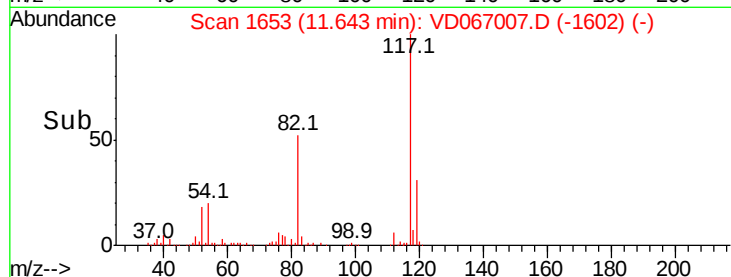
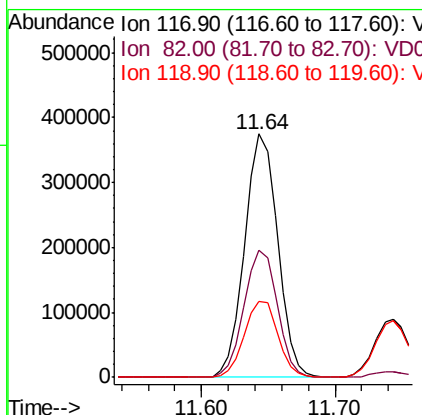
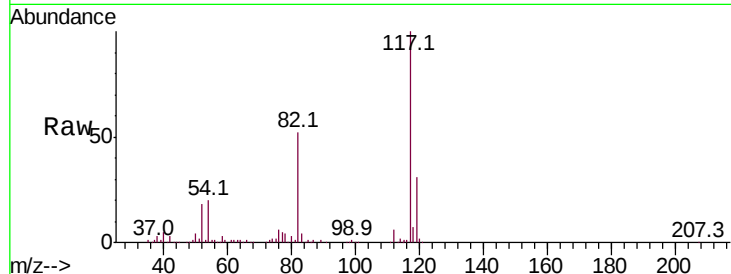




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

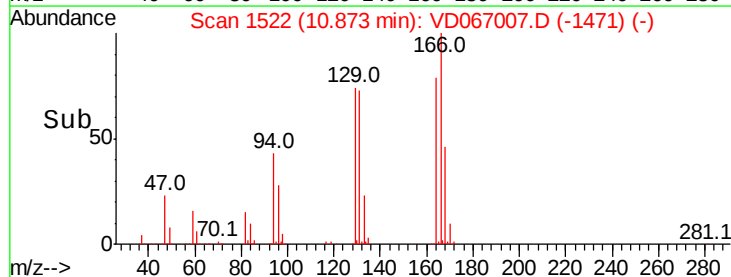
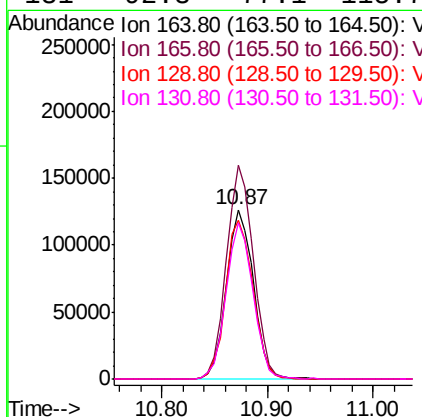
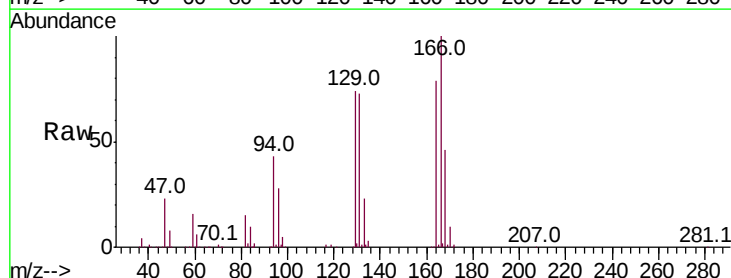
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

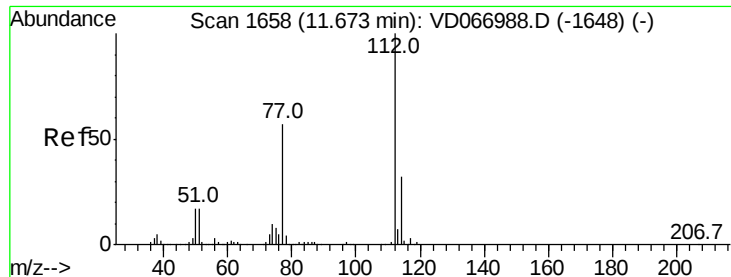
Tot Ion:117 Resp: 641306
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 31.4 26.3 39.5



#64
Tetrachloroethene
Concen: 47.722 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion:164 Resp: 222494
Ion Ratio Lower Upper
164 100
166 126.1 104.4 156.6
129 93.4 81.3 121.9
131 92.3 77.1 115.7





#65

Chlorobenzene

Concen: 49.003 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

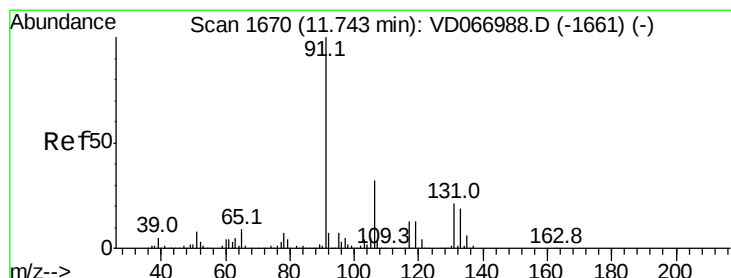
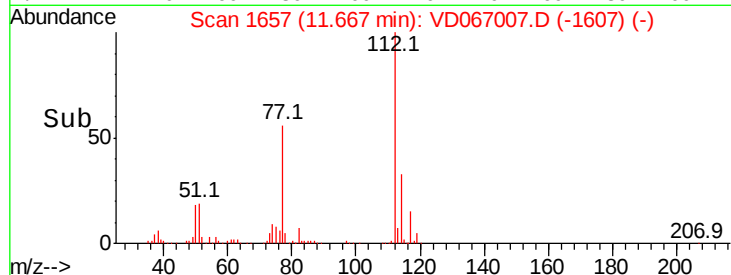
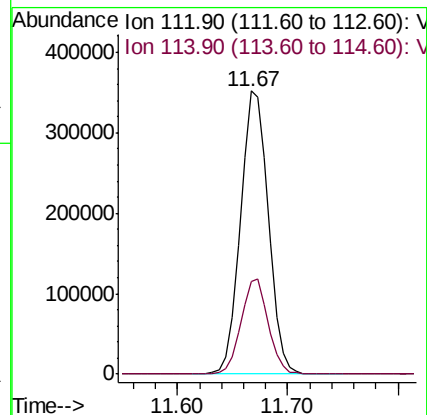
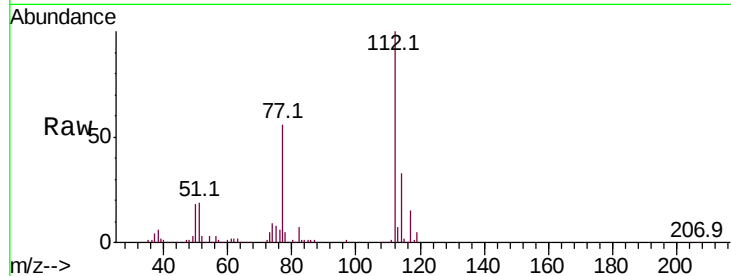
VSTDCCC050

Tot Ion:112 Resp: 625025

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.263 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

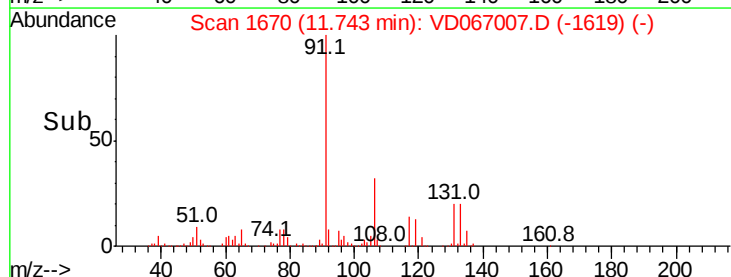
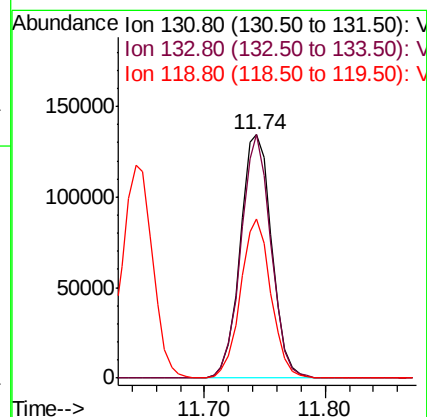
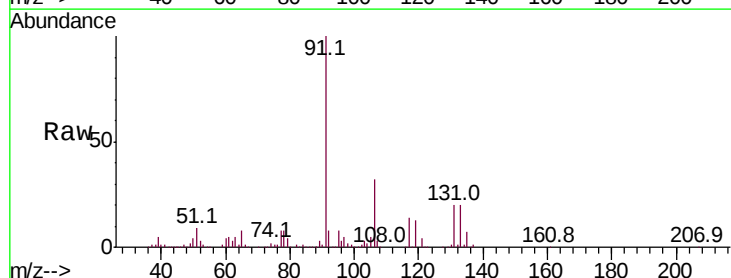
Tgt Ion:131 Resp: 243862

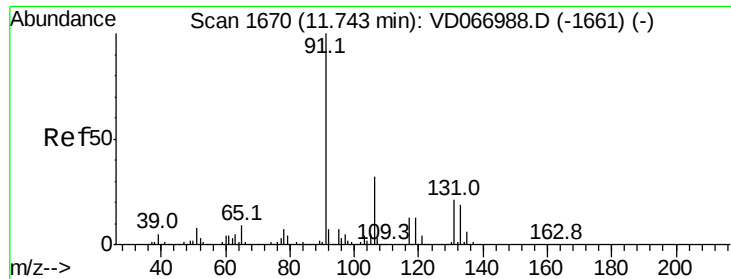
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 63.1 32.3 96.8





#67

Ethyl Benzene

Concen: 50.500 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

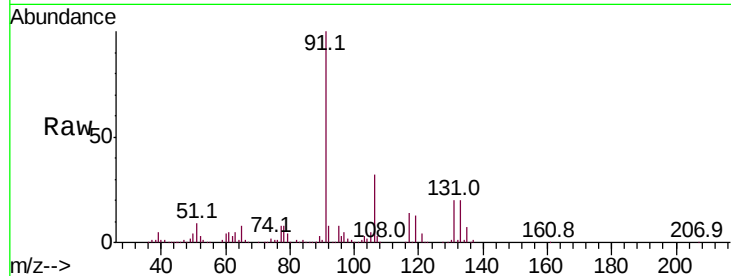
VSTDCCC050

Tot Ion: 91 Resp: 1103618

Ion Ratio Lower Upper

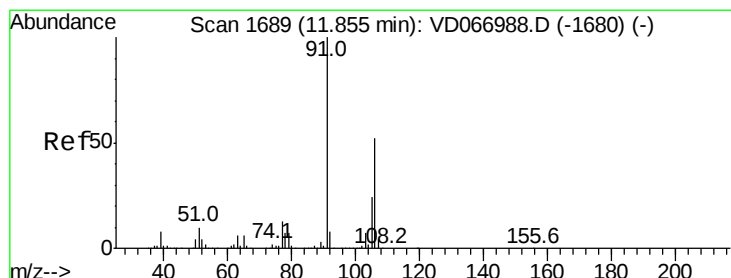
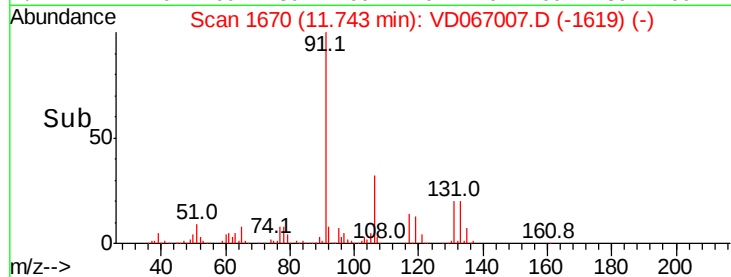
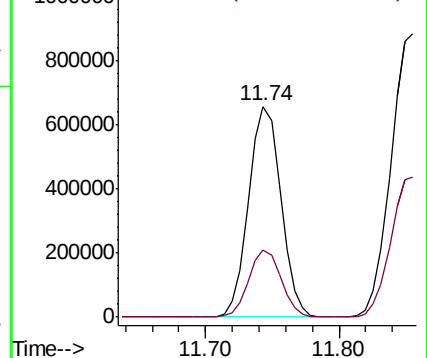
91 100

106 31.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.710 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067007.D

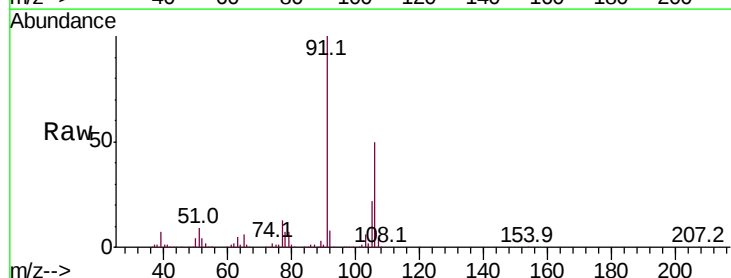
Acq: 01 Oct 2020 22:46

Tgt Ion: 106 Resp: 857732

Ion Ratio Lower Upper

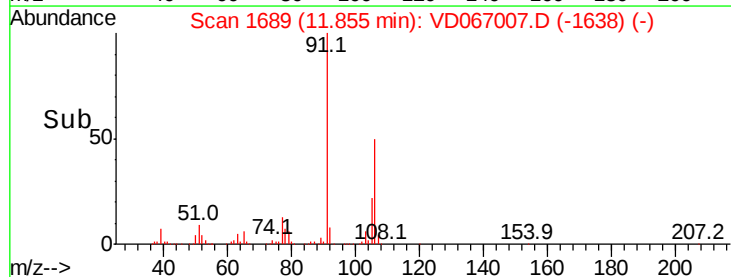
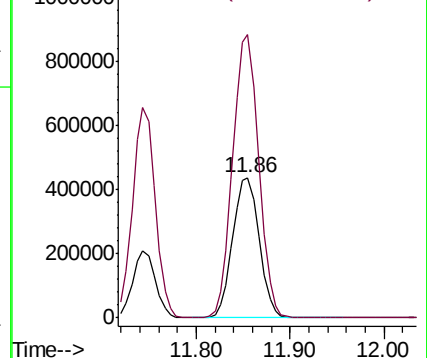
106 100

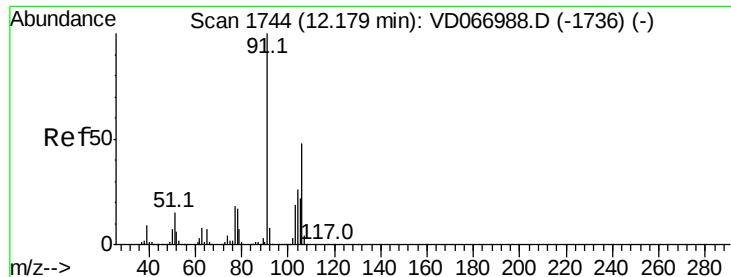
91 198.2 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

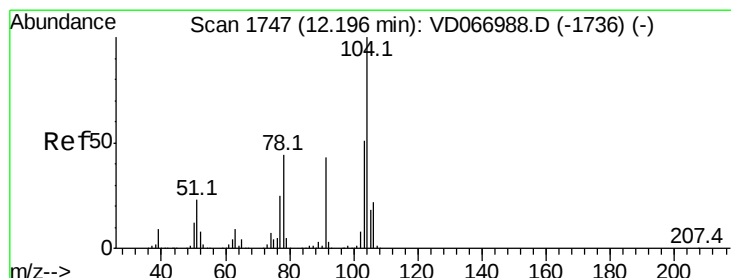
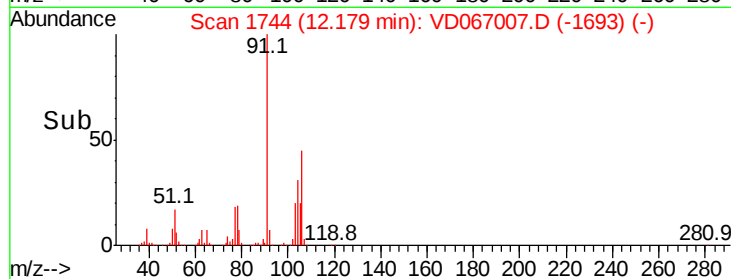
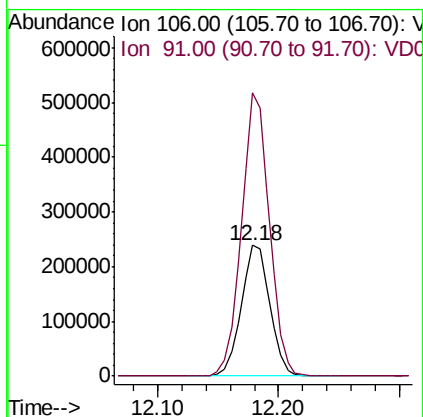
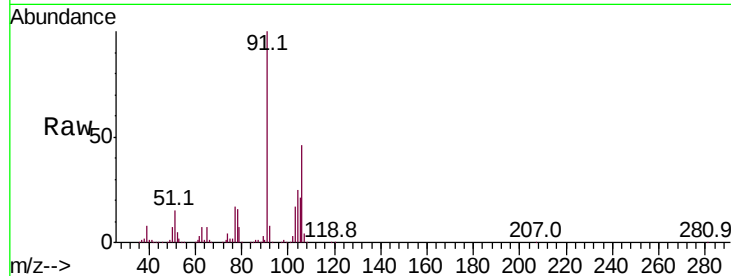




#69
o-Xylene
Concen: 51.936 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

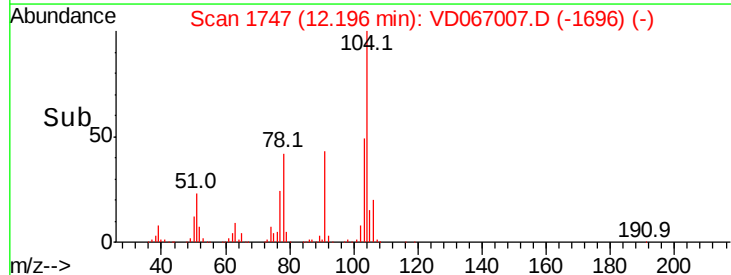
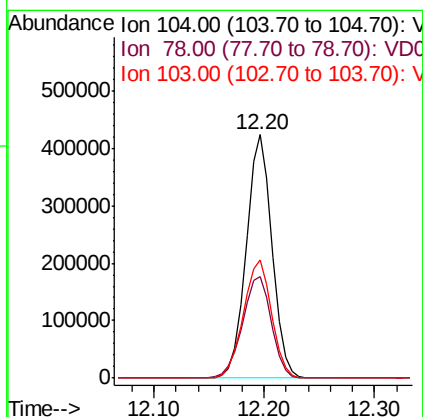
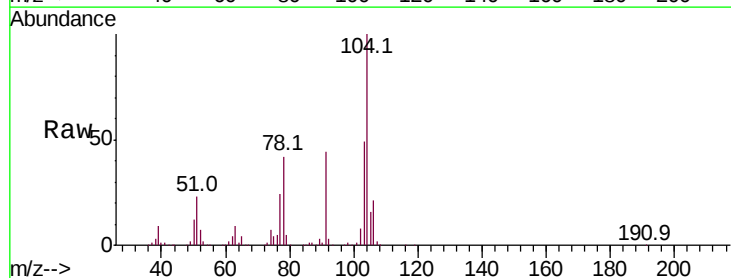
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

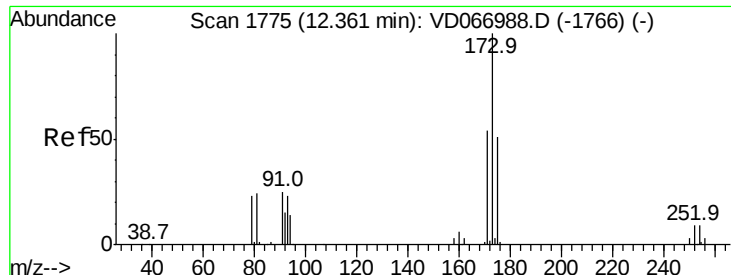
Tot Ion:106 Resp: 395554
Ion Ratio Lower Upper
106 100
91 210.7 102.4 307.2



#70
Styrene
Concen: 52.954 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion:104 Resp: 692538
Ion Ratio Lower Upper
104 100
78 47.1 38.6 58.0
103 53.3 43.4 65.0





#71

Bromoform

Concen: 49.800 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

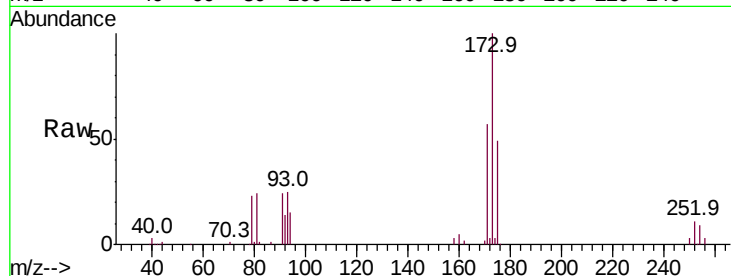
Tot Ion:173 Resp: 125418

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.7

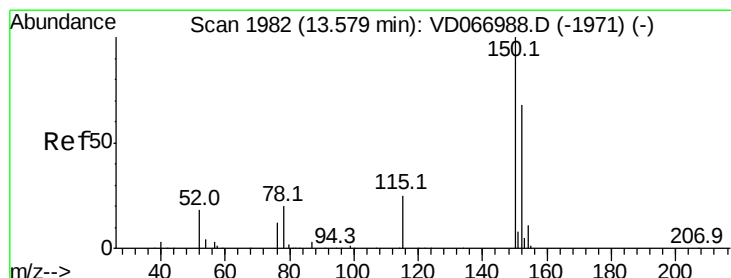
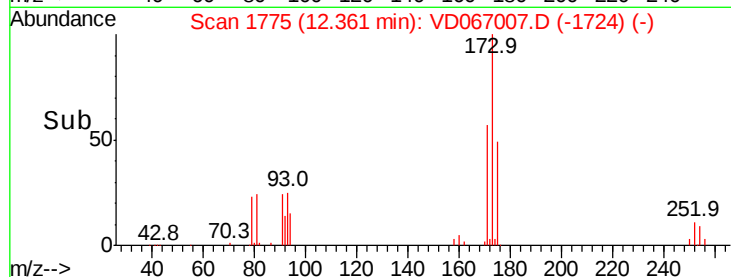
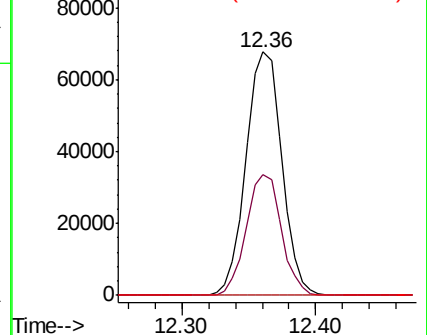
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

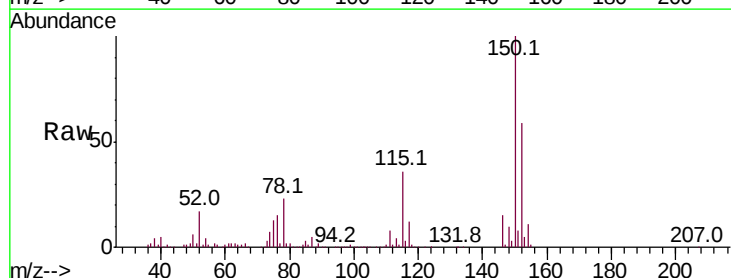
Tgt Ion:152 Resp: 300888

Ion Ratio Lower Upper

152 100

115 58.4 29.6 88.8

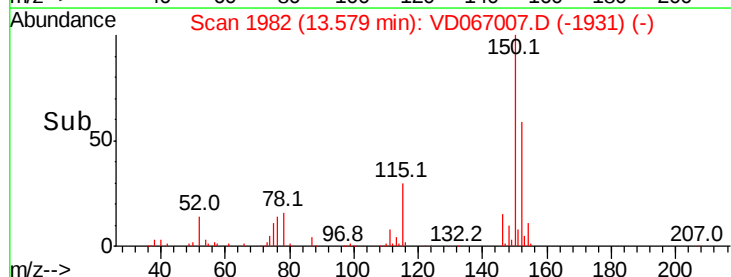
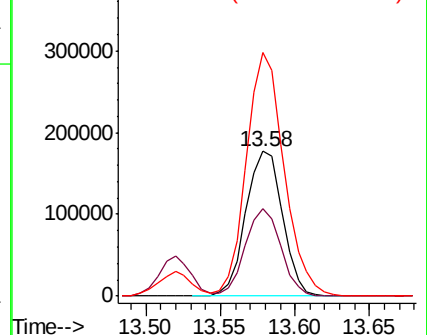
150 173.2 0.0 344.8

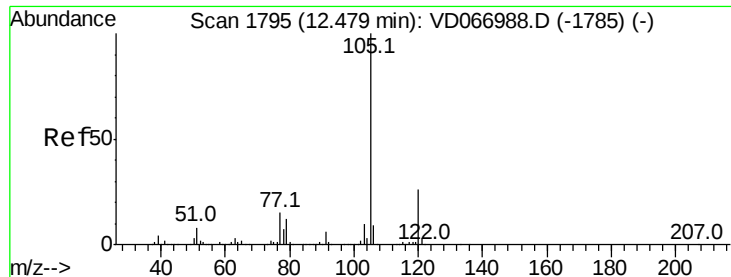


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.976 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

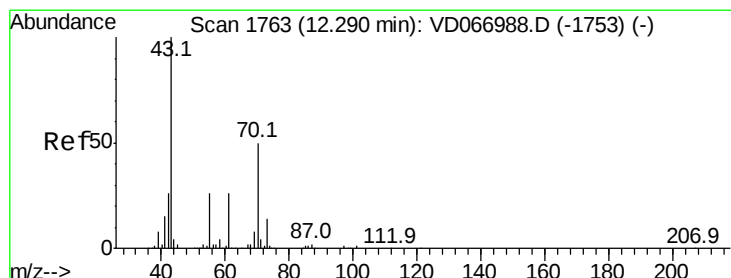
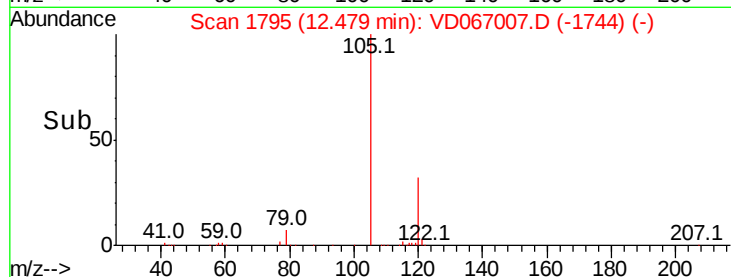
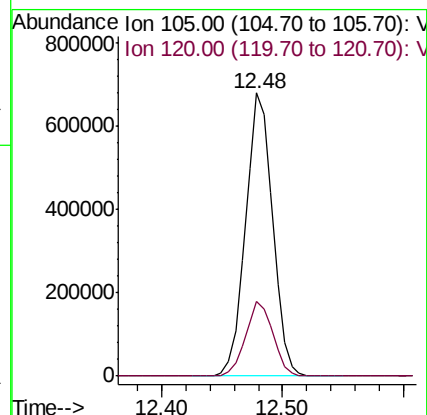
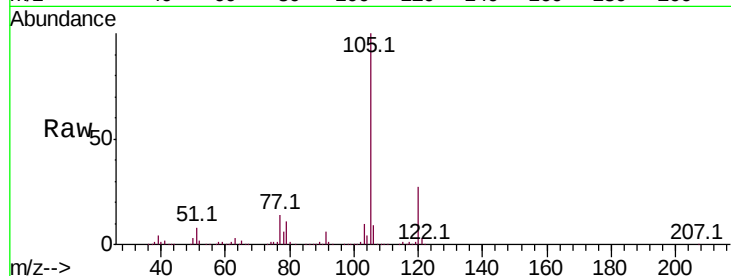
VSTDCCC050

Tot Ion:105 Resp: 1061901

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 50.910 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Tgt Ion: 43 Resp: 186980

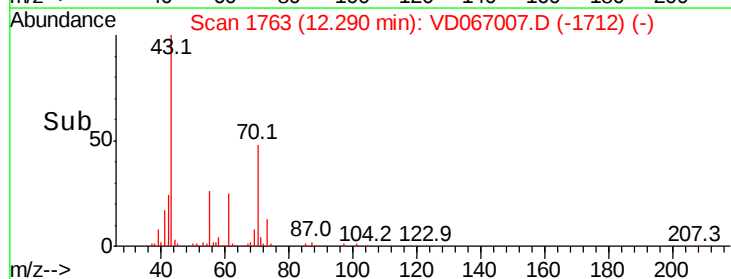
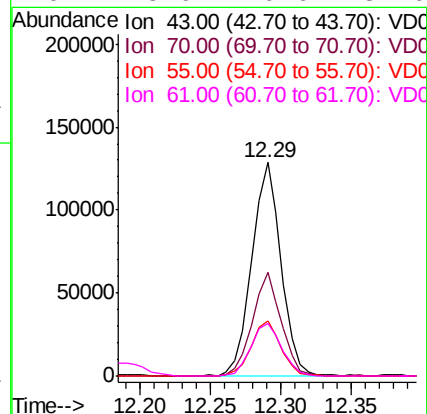
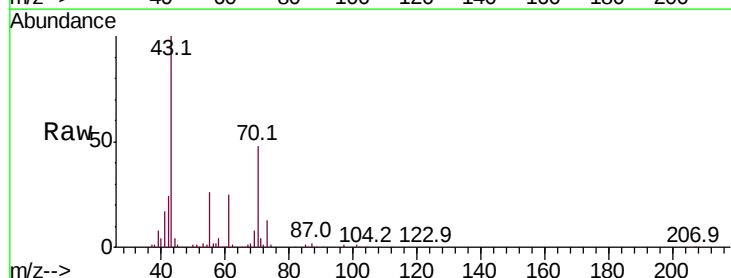
Ion Ratio Lower Upper

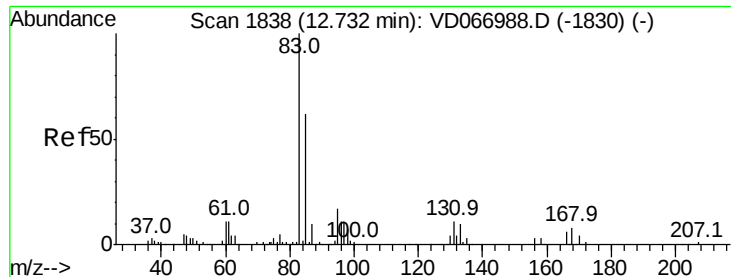
43 100

70 47.6 38.2 57.2

55 26.1 22.4 33.6

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.239 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

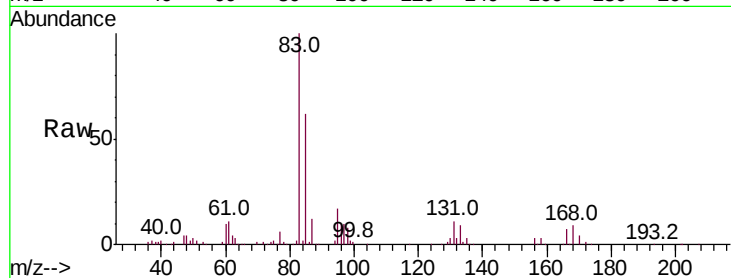
Tot Ion: 83 Resp: 172938

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.7	17.0
85	62.7	32.0	96.2

83 100

131 12.0 5.7 17.0

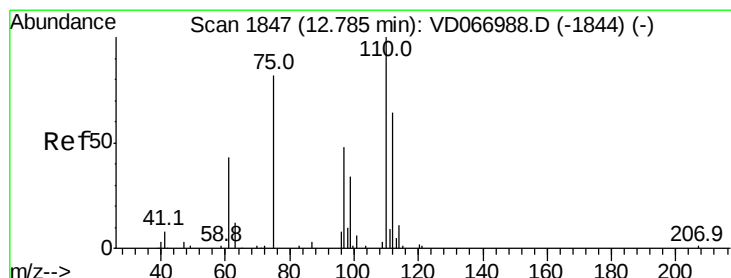
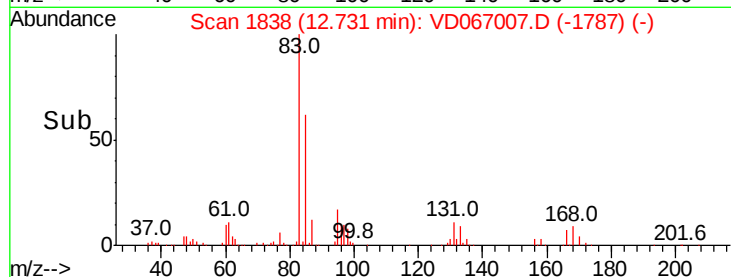
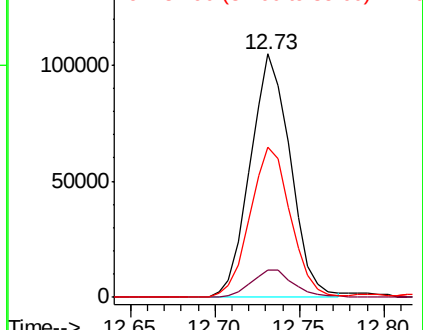
85 62.7 32.0 96.2



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: 85.820 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067007.D

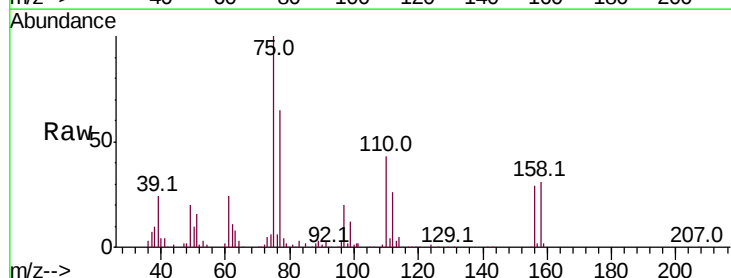
Acq: 01 Oct 2020 22:46

Tgt Ion: 75 Resp: 224920

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

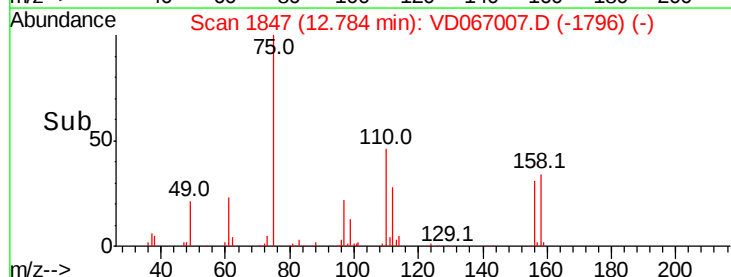
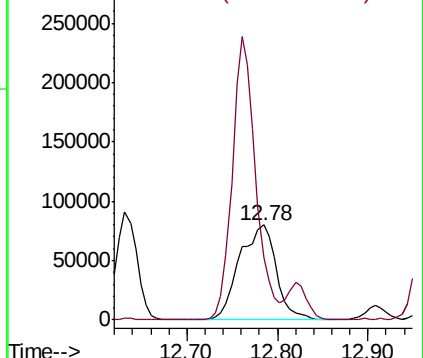
75 100

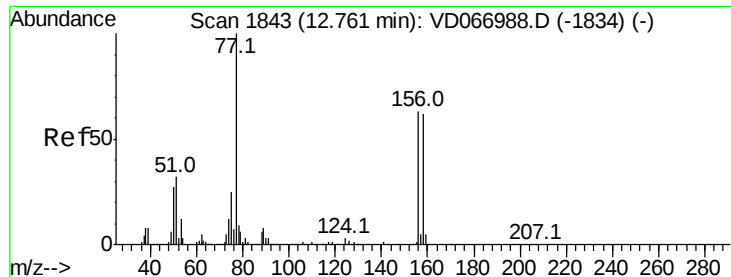
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.572 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

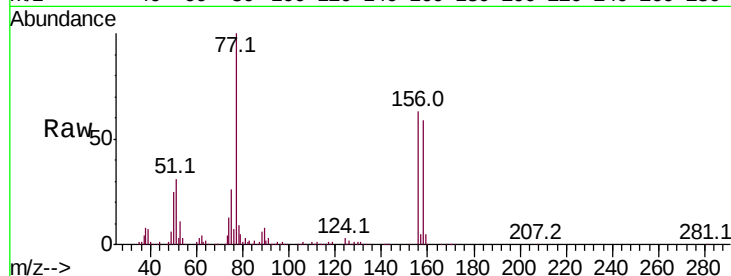
Tot Ion:156 Resp: 259351

Ion Ratio Lower Upper

156 100

77 166.5 86.3 258.8

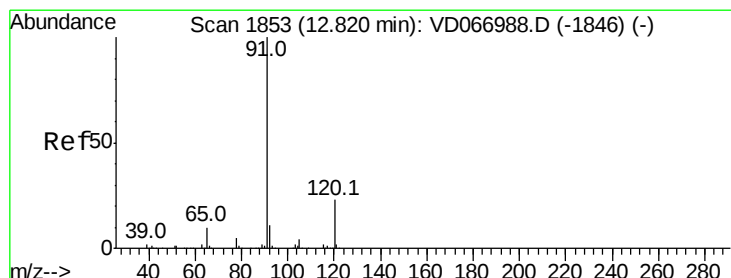
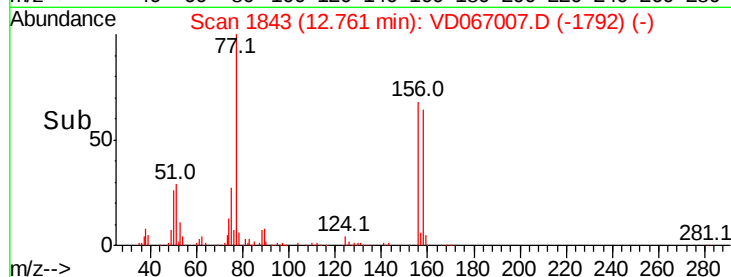
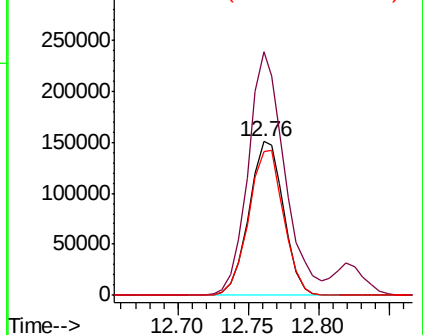
158 95.5 49.5 148.3



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: 50.746 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067007.D

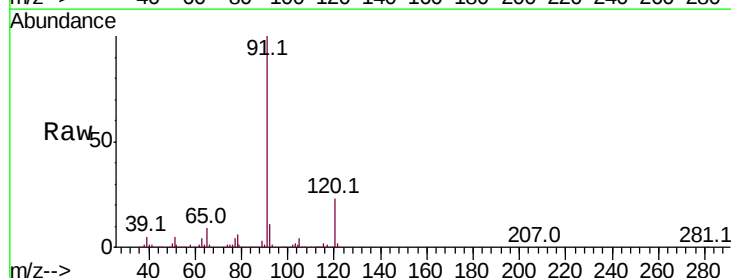
Acq: 01 Oct 2020 22:46

Tgt Ion: 91 Resp: 1225294

Ion Ratio Lower Upper

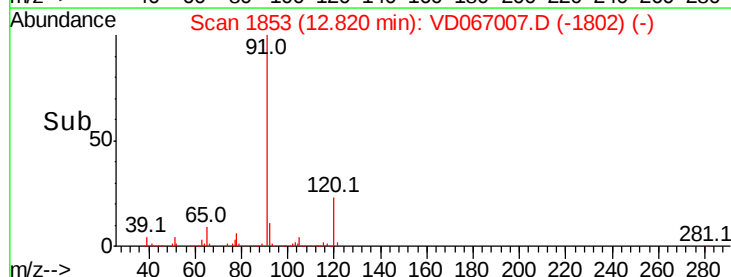
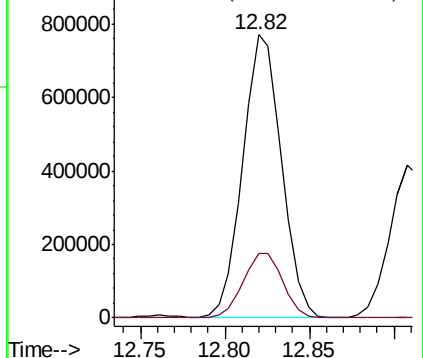
91 100

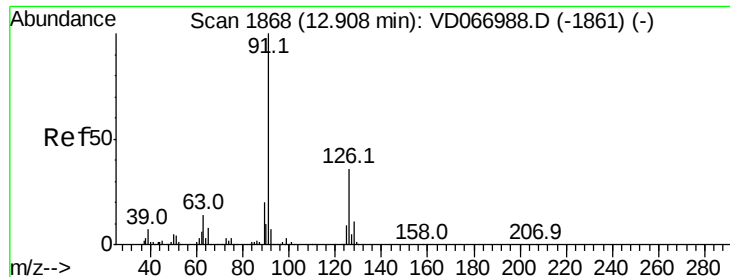
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.816 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

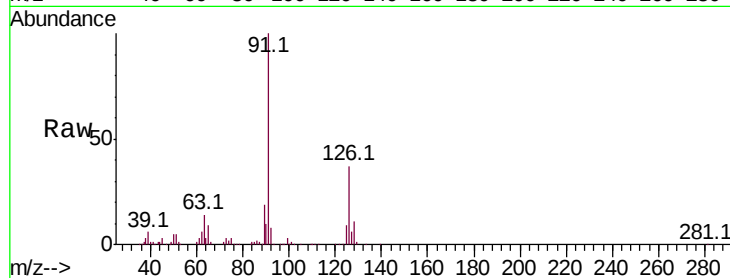
VSTDCCC050

Tot Ion: 91 Resp: 702010

Ion Ratio Lower Upper

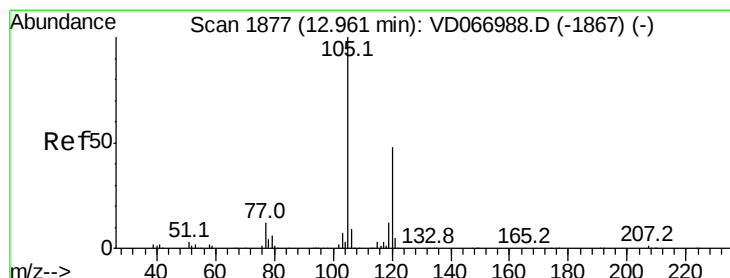
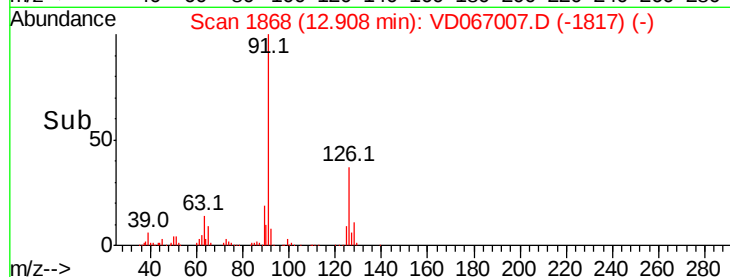
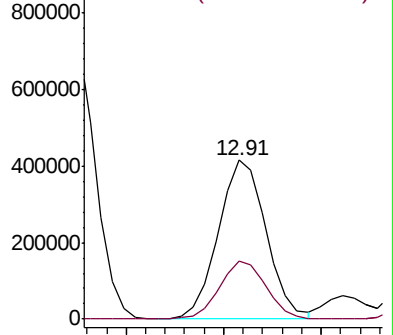
91 100

126 35.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.263 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067007.D

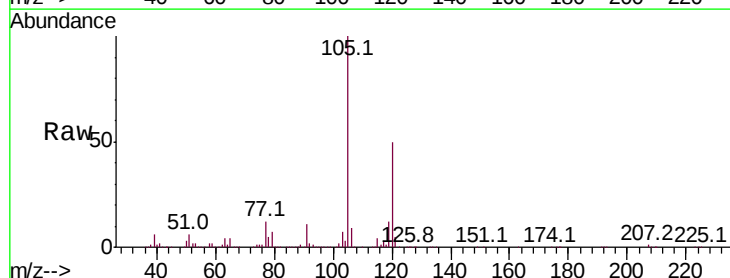
Acq: 01 Oct 2020 22:46

Tgt Ion:105 Resp: 902134

Ion Ratio Lower Upper

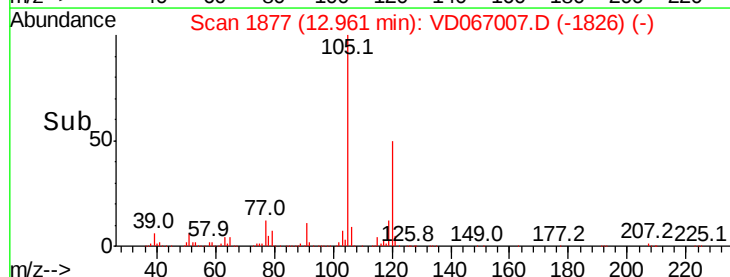
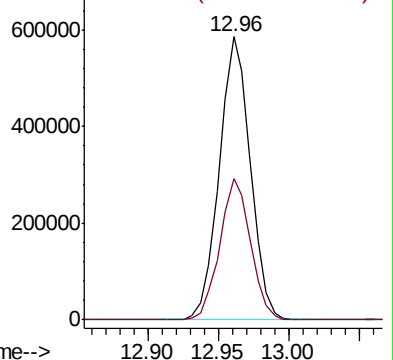
105 100

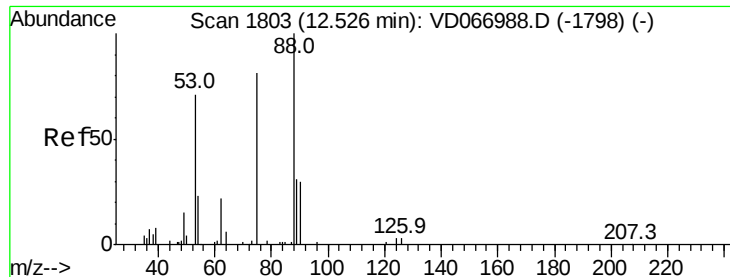
120 49.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.325 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

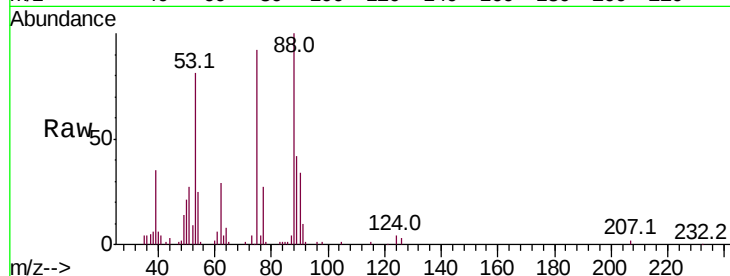
Tot Ion: 75 Resp: 51852

Ion Ratio Lower Upper

75 100

53 91.7 73.8 110.6

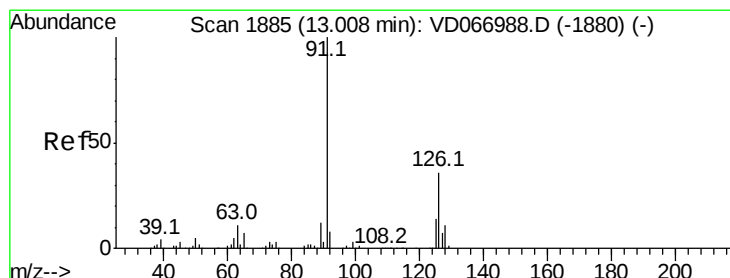
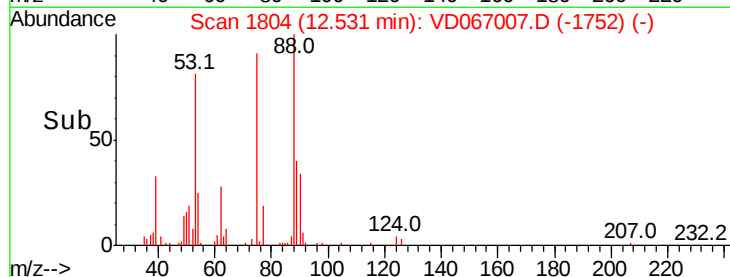
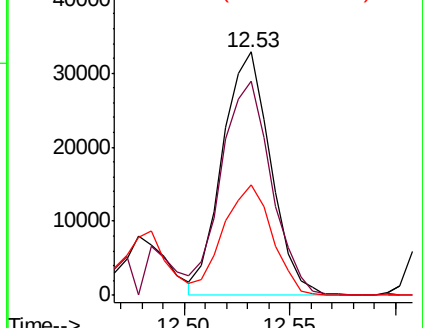
89 46.6 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.809 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067007.D

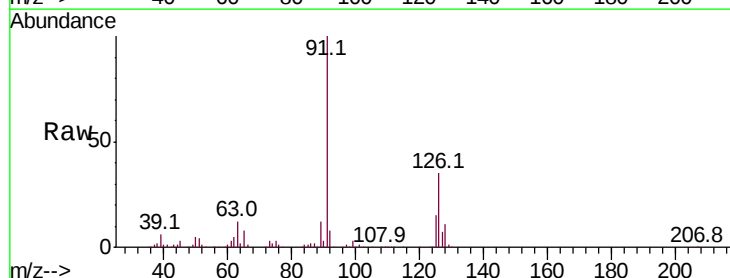
Acq: 01 Oct 2020 22:46

Tgt Ion: 91 Resp: 732106

Ion Ratio Lower Upper

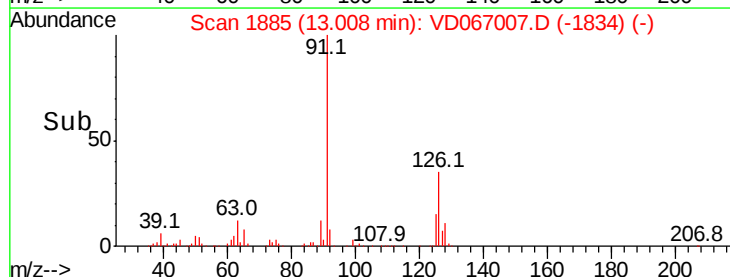
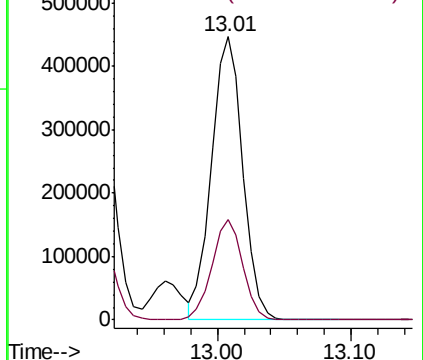
91 100

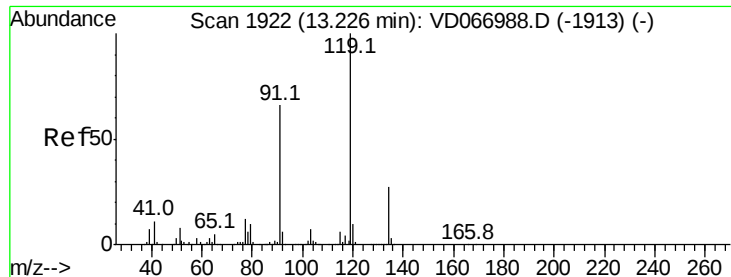
126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.331 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

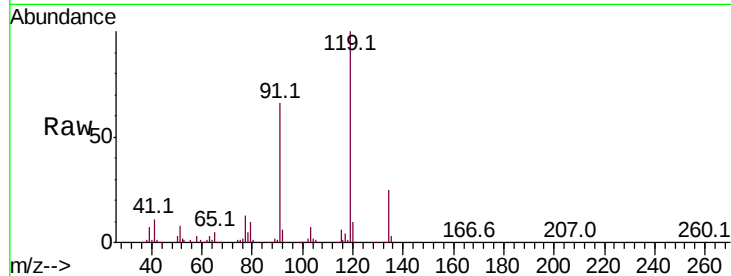
Tot Ion:119 Resp: 775217

Ion Ratio Lower Upper

119 100

91 62.9 32.8 98.3

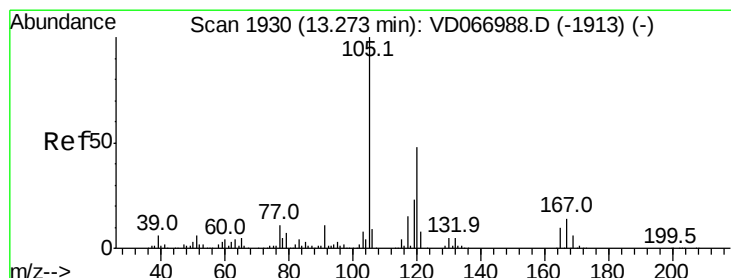
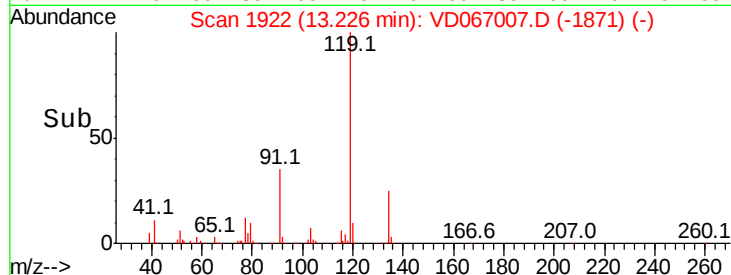
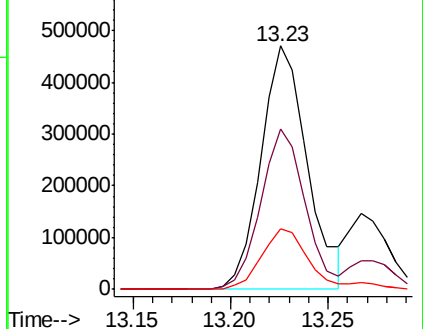
134 26.4 13.9 41.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.227 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067007.D

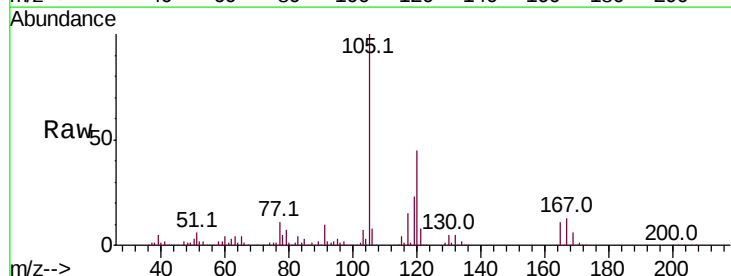
Acq: 01 Oct 2020 22:46

Tgt Ion:105 Resp: 899685

Ion Ratio Lower Upper

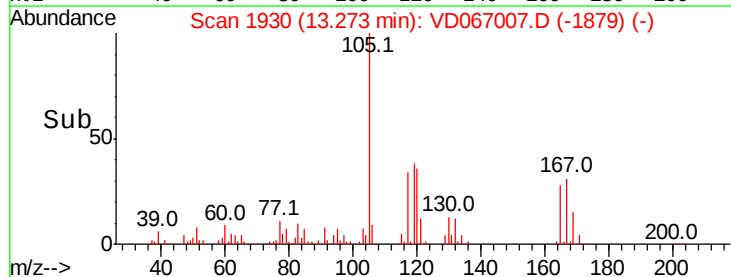
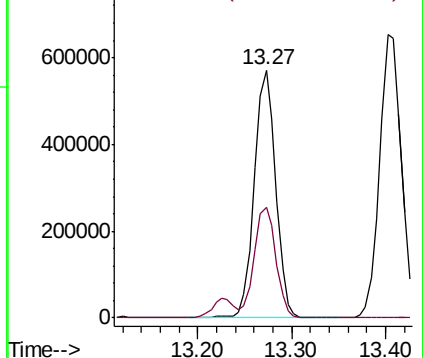
105 100

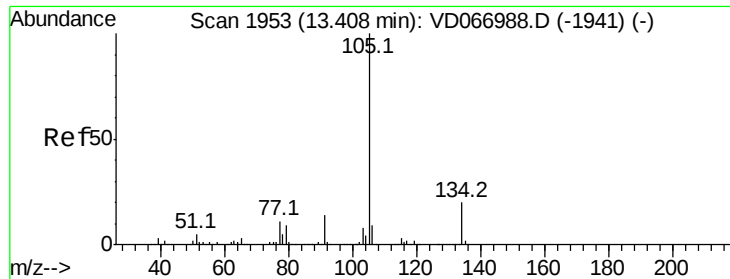
120 45.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.859 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

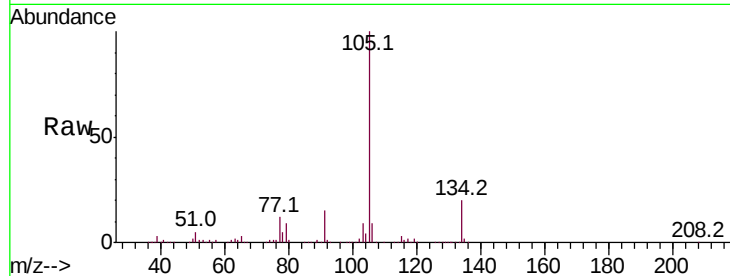
VSTDCCC050

Tot Ion:105 Resp: 1041102

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

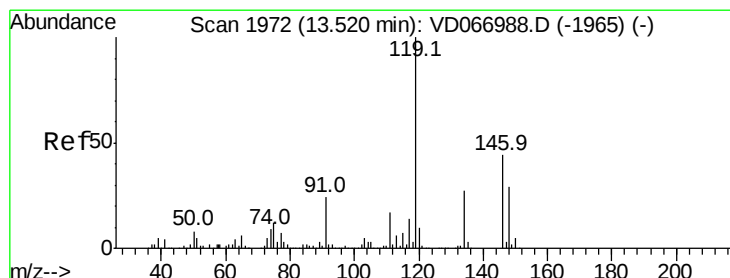
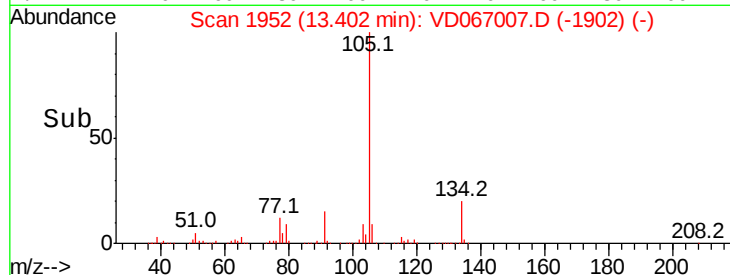
600000

400000

200000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 50.345 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

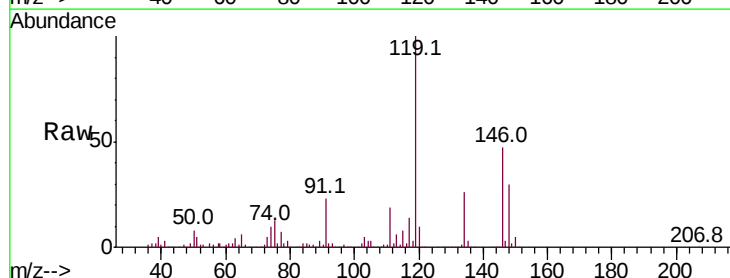
Tgt Ion:119 Resp: 955449

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

800000

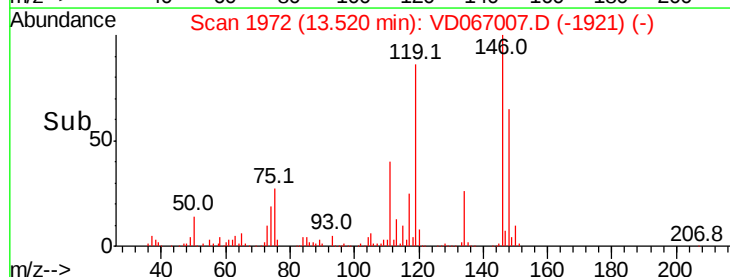
600000

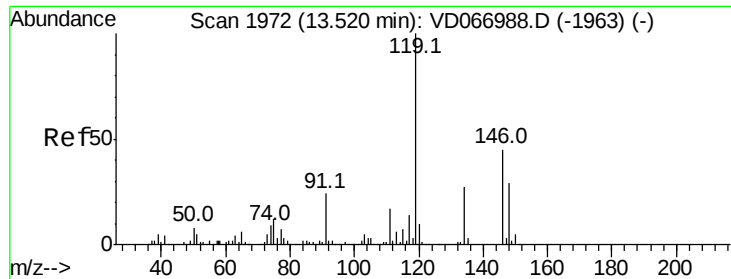
400000

200000

0

Time--> 13.40 13.50 13.60





#87

1,3-Dichlorobenzene

Concen: 49.213 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

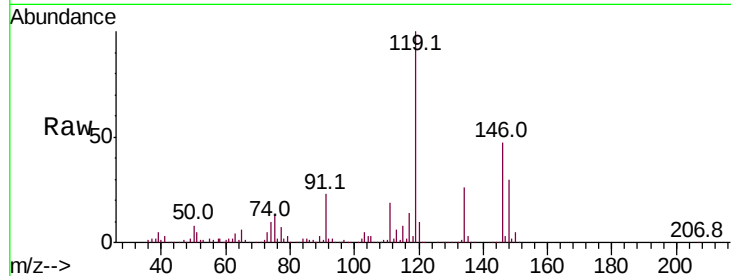
Tot Ion:146 Resp: 472889

Ion Ratio Lower Upper

146 100

111 40.4 20.0 60.0

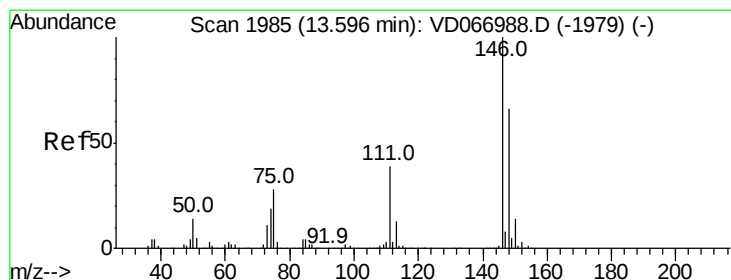
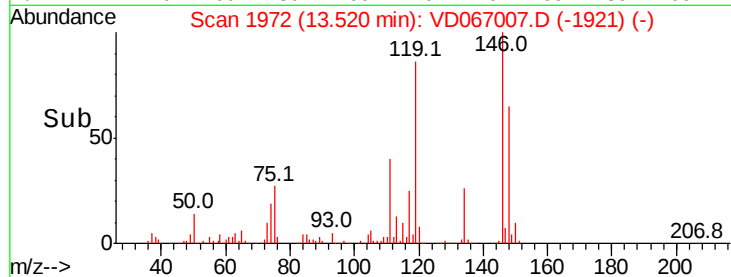
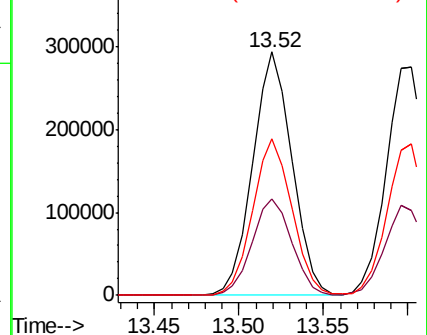
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.013 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

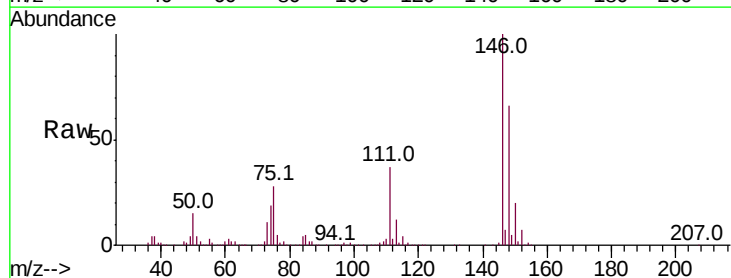
Tgt Ion:146 Resp: 461310

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

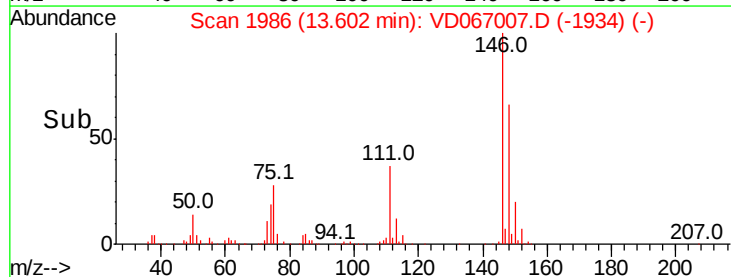
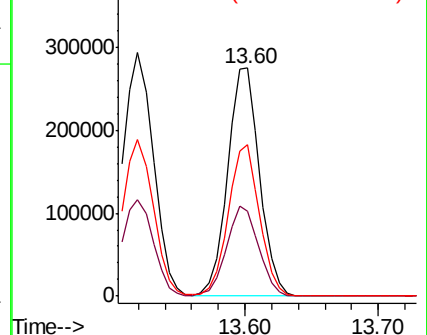
148 64.8 32.6 97.7

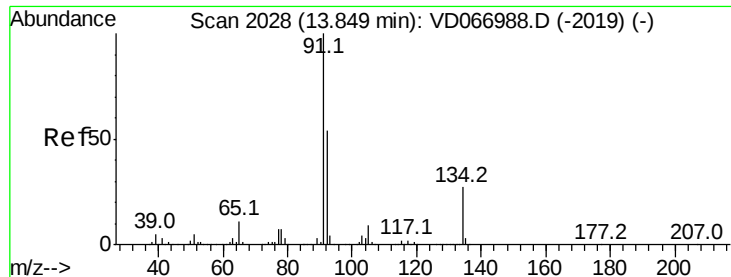


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

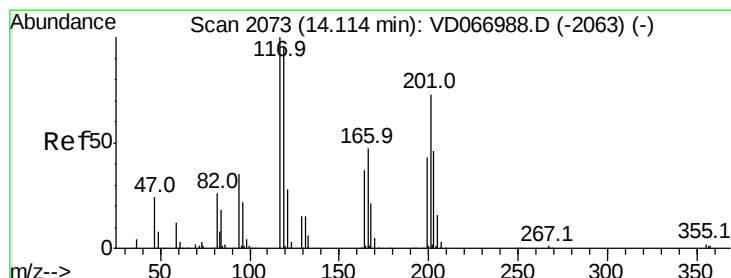
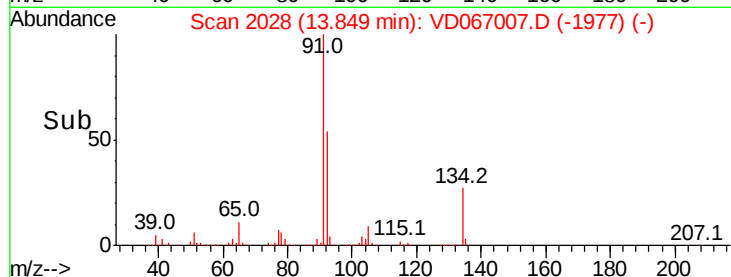
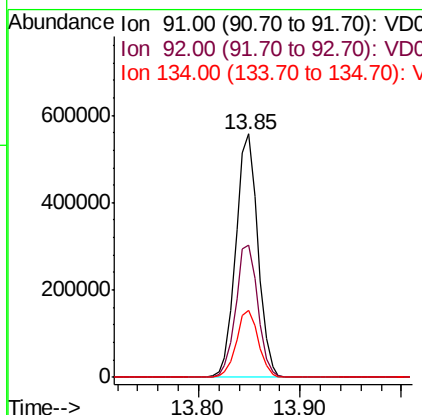
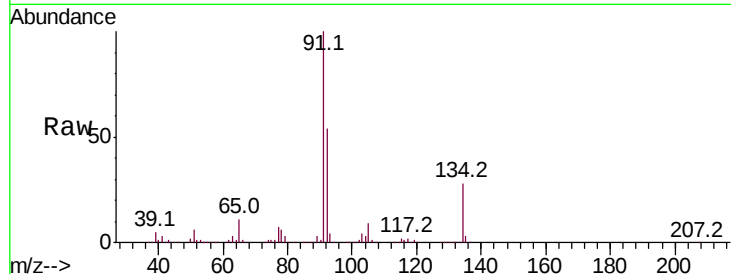




#89
n-Butylbenzene
Concen: 48.375 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

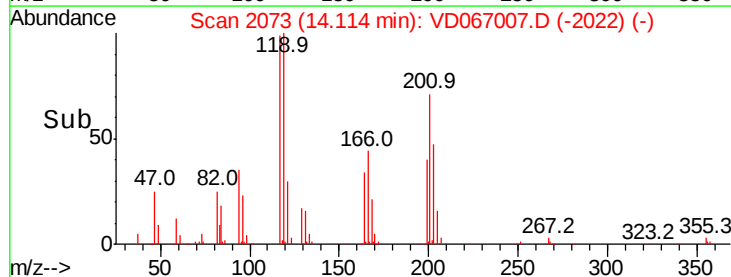
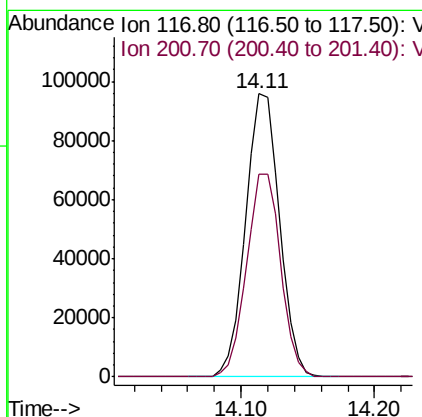
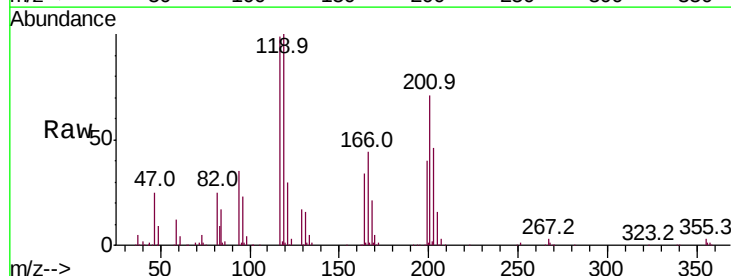
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

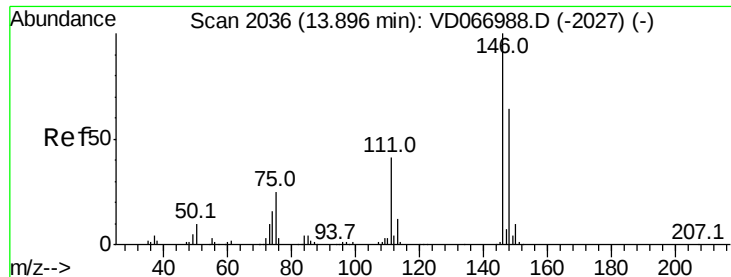
Tot Ion: 91 Resp: 839028
Ion Ratio Lower Upper
91 100
92 54.6 27.1 81.2
134 27.4 13.6 40.8



#90
Hexachloroethane
Concen: 50.418 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 117 Resp: 167606
Ion Ratio Lower Upper
117 100
201 71.9 37.0 110.9

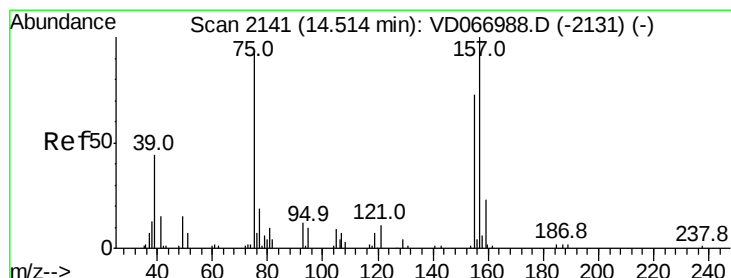
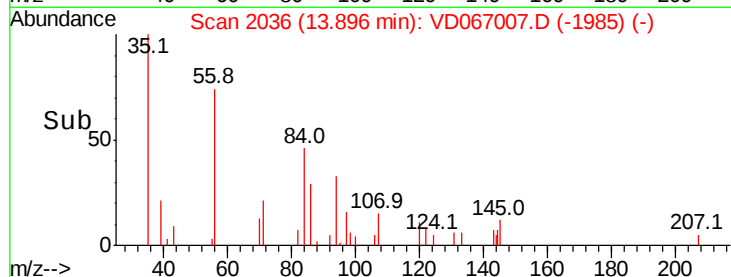
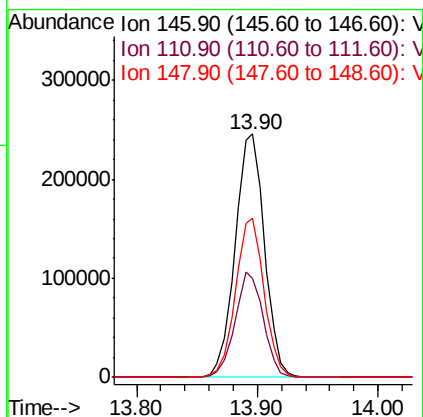
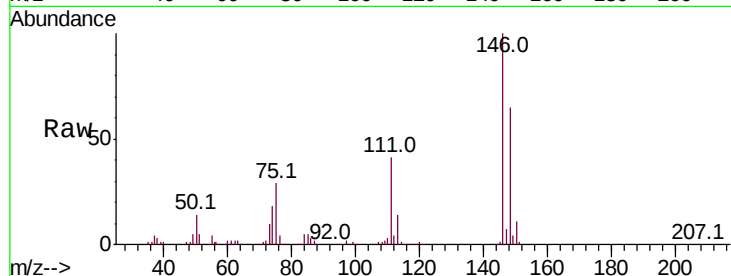




#91
1,2-Dichlorobenzene
Concen: 49.556 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

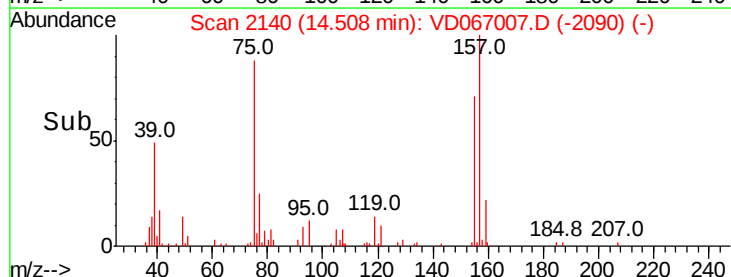
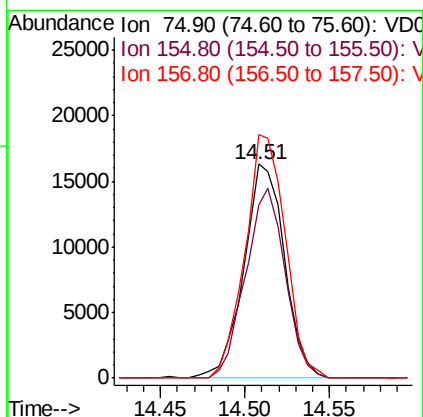
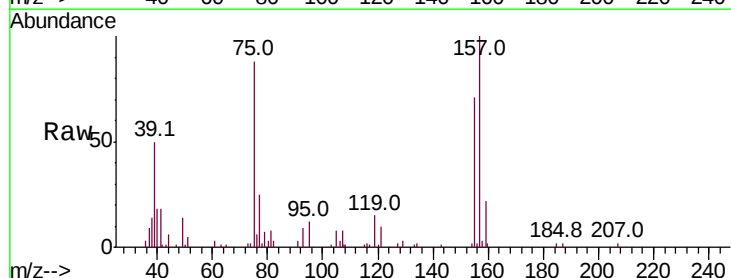
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

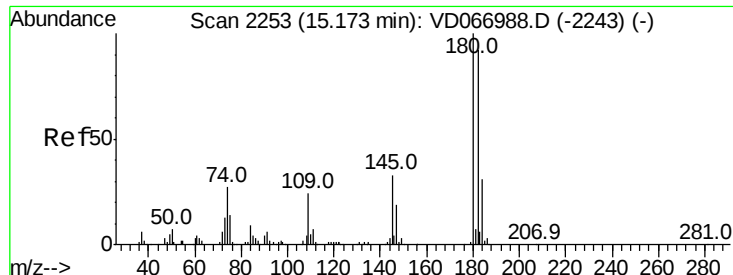
Tot Ion:146 Resp: 415874
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.7
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.199 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD067007.D
Acq: 01 Oct 2020 22:46

Tgt Ion: 75 Resp: 27300
Ion Ratio Lower Upper
75 100
155 86.3 45.2 135.6
157 112.6 56.3 168.8

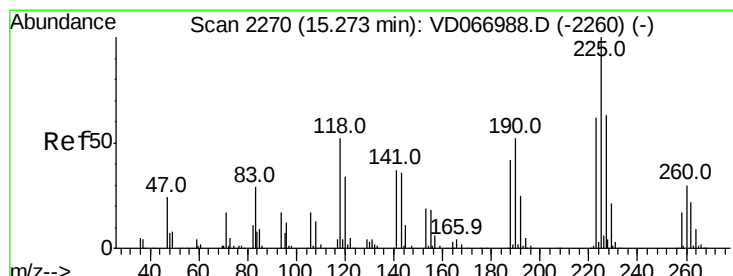
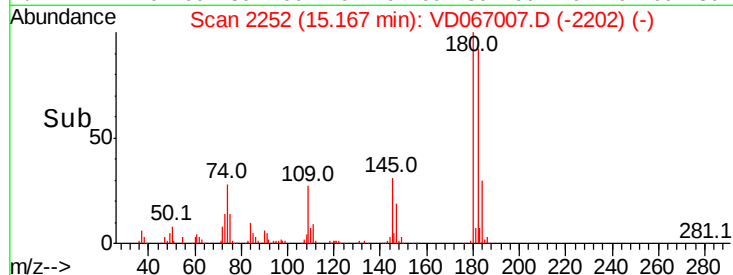
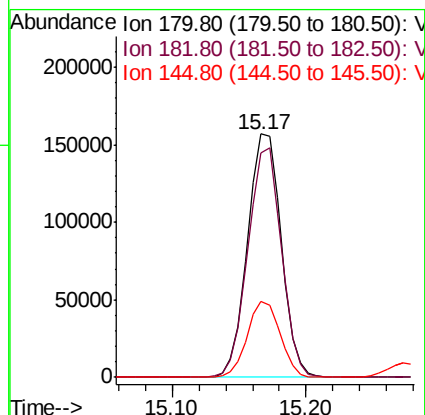
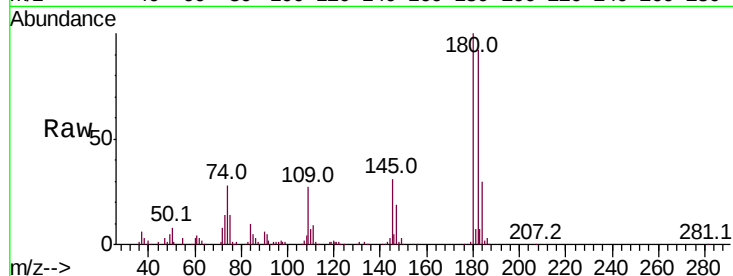




#93
 1,2,4-Trichlorobenzene
 Concen: 50.384 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

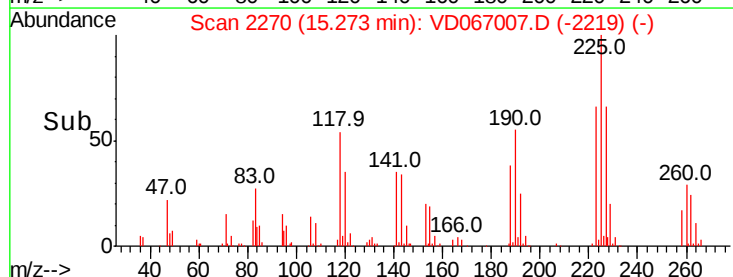
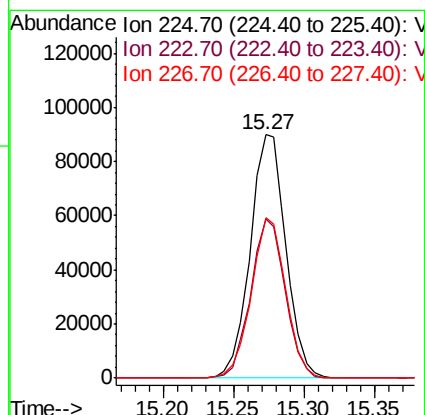
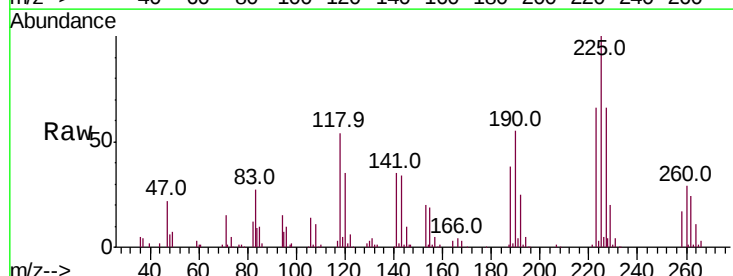
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

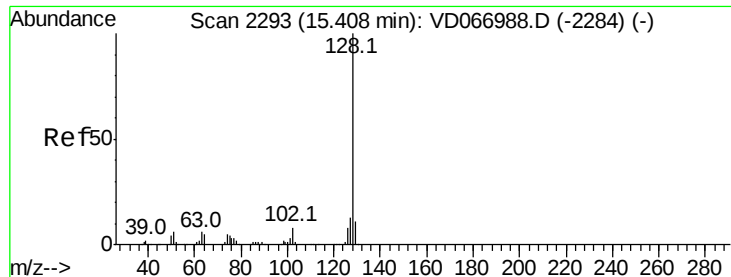
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	142.0
145	30.7	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 47.823 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067007.D
 Acq: 01 Oct 2020 22:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.4	97.0
227	63.6	31.6	95.0





#95

Naphthalene

Concen: 52.890 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

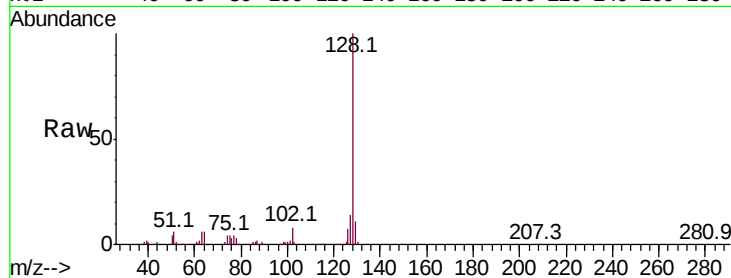
Tot Ion:128 Resp: 478866

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

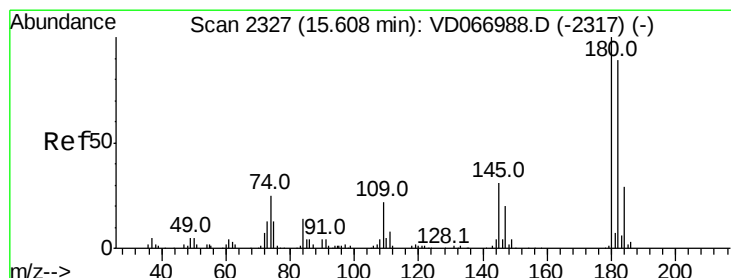
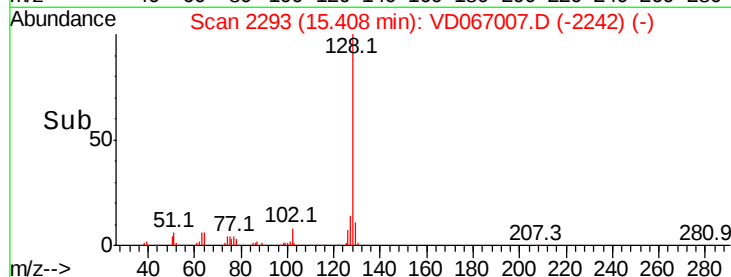
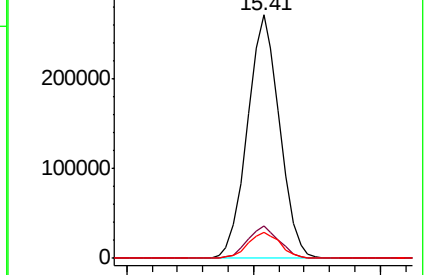
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.567 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067007.D

Acq: 01 Oct 2020 22:46

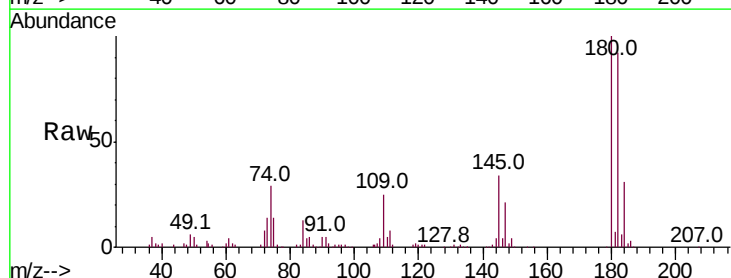
Tgt Ion:180 Resp: 238282

Ion Ratio Lower Upper

180 100

182 96.8 46.4 139.1

145 34.1 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

