

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067672.D
 Acq On : 17 Nov 2020 19:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 00:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	274682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	419696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	384403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	108686	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
35) Dibromofluoromethane	7.92	113	113293	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
50) Toluene-d8	10.34	98	388920	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.64	95	139715	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	104527	46.712	ug/l	96
3) Chloromethane	2.21	50	69688	40.741	ug/l	98
4) Vinyl Chloride	2.35	62	77289	40.528	ug/l	97
5) Bromomethane	2.77	94	71478	46.243	ug/l	100
6) Chloroethane	2.93	64	50408	42.874	ug/l	97
7) Trichlorofluoromethane	3.28	101	233857	47.360	ug/l	90
8) Diethyl Ether	3.71	74	49649	49.900	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	119944	48.122	ug/l	97
10) Methyl Iodide	4.31	142	138659	51.905	ug/l	99
11) Tert butyl alcohol	5.22	59	27928	271.572	ug/l	97
12) 1,1-Dichloroethene	4.07	96	112834	49.216	ug/l	99
13) Acrolein	3.93	56	23803	226.313	ug/l	94
14) Allyl chloride	4.72	41	115399	47.031	ug/l	94
15) Acrylonitrile	5.42	53	90867	247.060	ug/l	99
16) Acetone	4.16	43	78036	217.120	ug/l	95
17) Carbon Disulfide	4.41	76	309120	44.001	ug/l	98
18) Methyl Acetate	4.72	43	36394	49.001	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	238968	52.843	ug/l	92
20) Methylene Chloride	4.97	84	128093	50.453	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	130539	48.885	ug/l	94
22) Diisopropyl ether	6.36	45	246297	51.510	ug/l	96
23) Vinyl Acetate	6.31	43	648071	258.926	ug/l	99
24) 1,1-Dichloroethane	6.27	63	197217	50.416	ug/l	98
25) 2-Butanone	7.21	43	94762	246.748	ug/l	97
26) 2,2-Dichloropropane	7.21	77	210074	50.884	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	144435	52.111	ug/l	99
28) Bromochloromethane	7.55	49	68579	49.287	ug/l	95
29) Tetrahydrofuran	7.56	42	56852	247.135	ug/l	97
30) Chloroform	7.71	83	245165	52.535	ug/l	97
31) Cyclohexane	7.99	56	149774	42.995	ug/l	# 88
32) 1,1,1-Trichloroethane	7.91	97	243600	50.591	ug/l	99
36) 1,1-Dichloropropene	8.11	75	171952	47.864	ug/l	99
37) Ethyl Acetate	7.30	43	42312	45.366	ug/l	98
38) Carbon Tetrachloride	8.10	117	238999	51.203	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067672.D
 Acq On : 17 Nov 2020 19:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Nov 18 00:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	202670	47.932	ug/l	96
40) Benzene	8.36	78	483705	49.706	ug/l	98
41) Methacrylonitrile	7.53	41	24977	44.801	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	155317	51.658	ug/l	97
43) Isopropyl Acetate	8.46	43	87870	47.637	ug/l	98
44) Trichloroethene	9.12	130	156253	48.833	ug/l	92
45) 1,2-Dichloropropane	9.40	63	103810	49.340	ug/l	93
46) Dibromomethane	9.48	93	65529	48.984	ug/l	96
47) Bromodichloromethane	9.67	83	189148	52.020	ug/l	98
48) Methyl methacrylate	9.46	41	43397	45.566	ug/l	90
49) 1,4-Dioxane	9.46	88	13311	980.147	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	221757	251.377	ug/l	98
52) Toluene	10.41	92	334782	51.363	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	161939	52.001	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	189632	51.253	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	91096	51.466	ug/l	99
56) Ethyl methacrylate	10.67	69	91741	50.191	ug/l	98
57) 1,3-Dichloropropane	10.95	76	146659	51.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	212884	249.752	ug/l	98
59) 2-Hexanone	10.99	43	149632	242.589	ug/l	99
60) Dibromochloromethane	11.14	129	136404	52.095	ug/l	99
61) 1,2-Dibromoethane	11.25	107	88209	49.654	ug/l	97
64) Tetrachloroethene	10.88	164	139365	48.954	ug/l	97
65) Chlorobenzene	11.67	112	381721	51.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	152478	52.247	ug/l	99
67) Ethyl Benzene	11.75	91	652682	51.511	ug/l	98
68) m/p-Xylenes	11.86	106	507708	102.994	ug/l	100
69) o-Xylene	12.18	106	236138	53.653	ug/l	98
70) Styrene	12.20	104	407758	53.169	ug/l	99
71) Bromoform	12.37	173	75354	50.627	ug/l #	98
73) Isopropylbenzene	12.48	105	657517	53.402	ug/l	100
74) N-amyl acetate	12.30	43	78672	48.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	82526	49.153	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	119830	104.265	ug/l #	100
77) Bromobenzene	12.77	156	157890	52.216	ug/l	97
78) n-propylbenzene	12.83	91	736642	52.306	ug/l	99
79) 2-Chlorotoluene	12.91	91	426150	53.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	575422	54.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27013	47.720	ug/l	94
82) 4-Chlorotoluene	13.01	91	459834	53.593	ug/l	99
83) tert-Butylbenzene	13.23	119	482749	54.156	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	574063	54.831	ug/l	99
85) sec-Butylbenzene	13.41	105	638710	53.077	ug/l	99
86) p-Isopropyltoluene	13.52	119	613740	52.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	301307	52.221	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	295615	50.599	ug/l	98
89) n-Butylbenzene	13.85	91	528161	52.620	ug/l	99
90) Hexachloroethane	14.11	117	111039	50.742	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	261473	52.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15092	50.770	ug/l	94

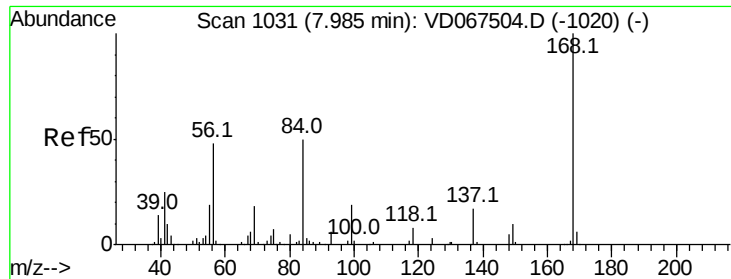
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
Data File : VD067672.D
Acq On : 17 Nov 2020 19:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 18 00:00:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182110	53.732	ug/l	99
94) Hexachlorobutadiene	15.27	225	117174	51.657	ug/l	98
95) Naphthalene	15.41	128	282051	53.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	153762	52.979	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

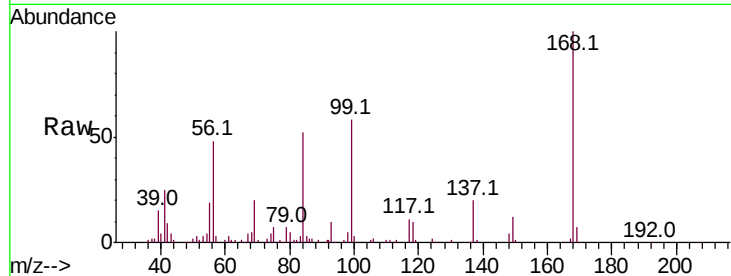
VSTDCCC050EC

Tot Ion:168 Resp: 274682

Ion Ratio Lower Upper

168 100

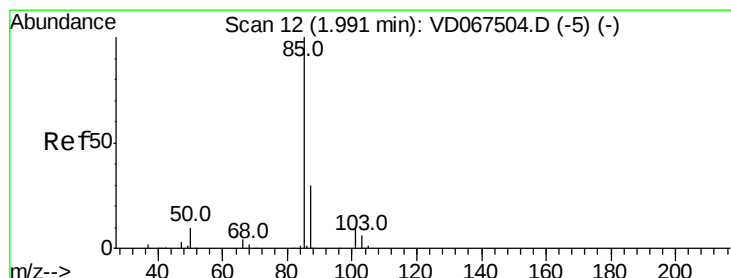
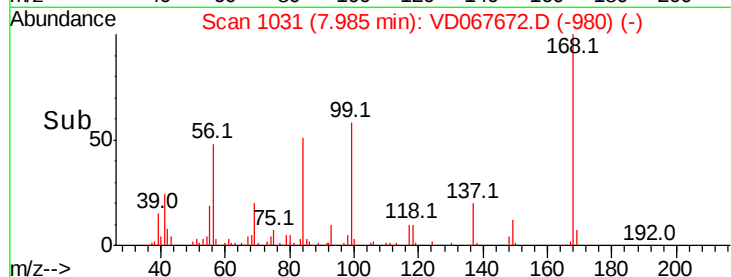
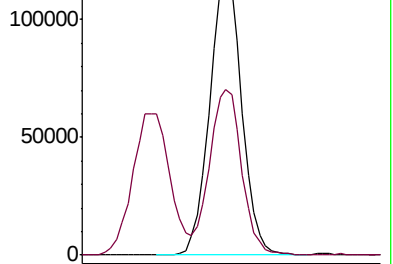
99 58.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98



#2

Dichlorodifluoromethane

Concen: 46.712 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067672.D

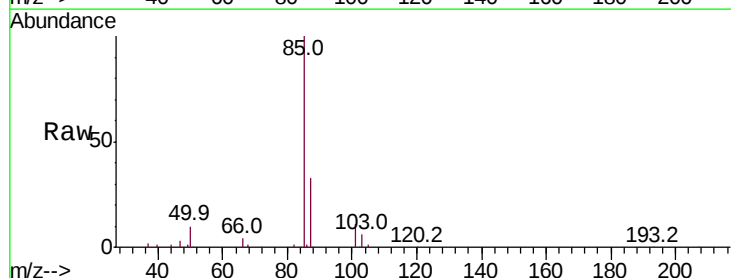
Acq: 17 Nov 2020 19:36

Tgt Ion: 85 Resp: 104527

Ion Ratio Lower Upper

85 100

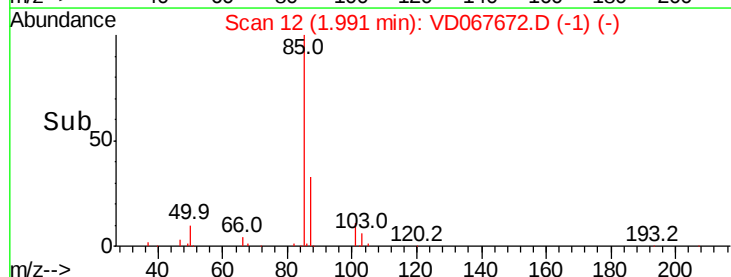
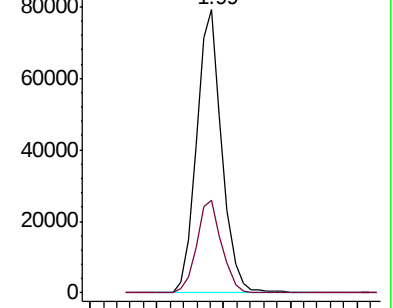
87 32.5 15.3 45.8

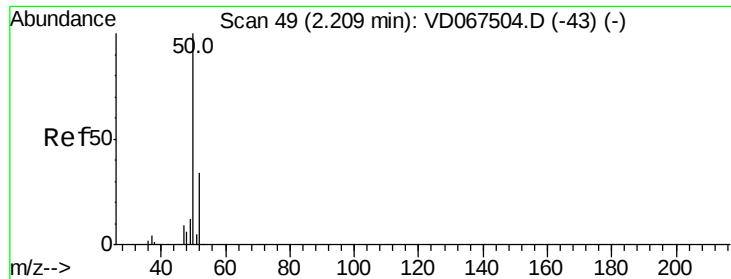


Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99





#3

Chloromethane

Concen: 40.741 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

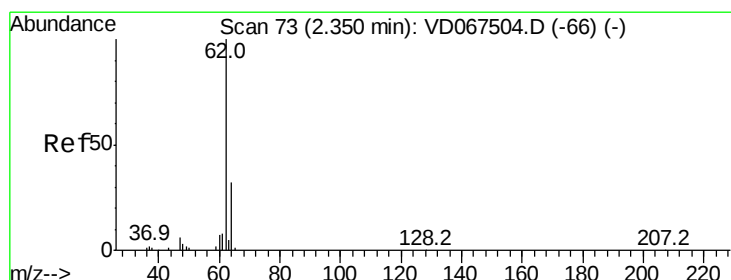
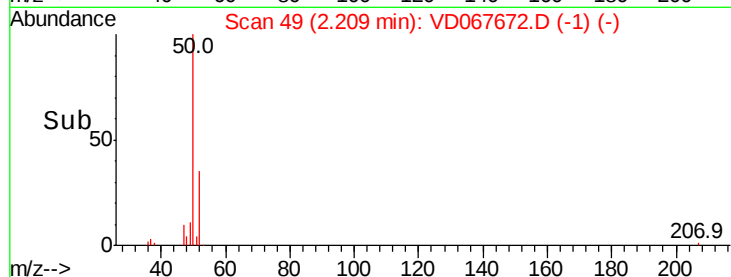
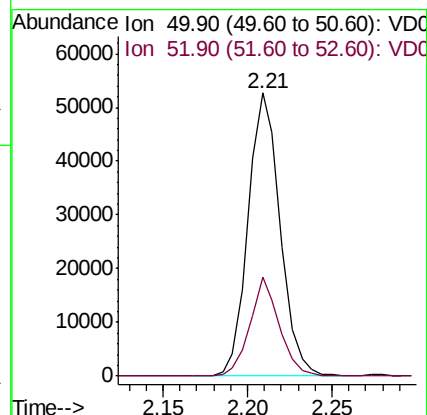
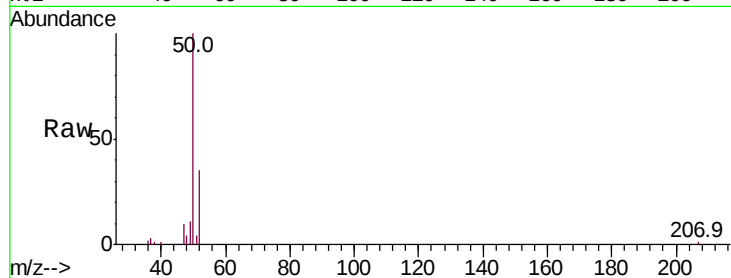
VSTDCCC050EC

Tot Ion: 50 Resp: 69688

Ion Ratio Lower Upper

50 100

52 35.1 27.3 40.9



#4

Vinyl Chloride

Concen: 40.528 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067672.D

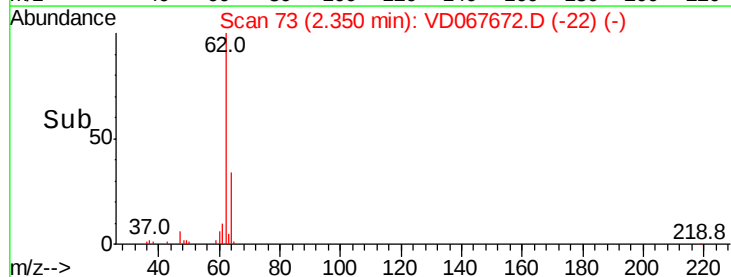
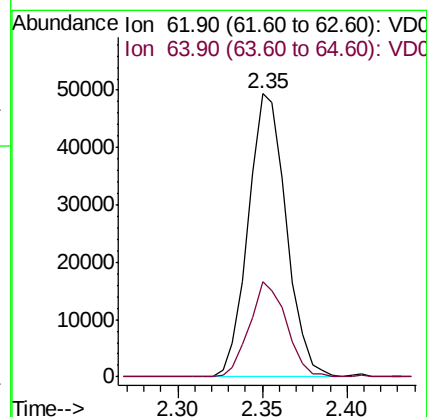
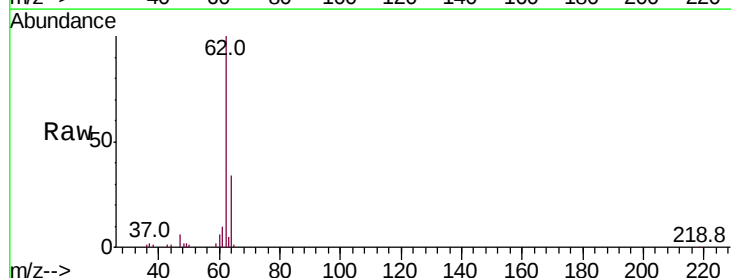
Acq: 17 Nov 2020 19:36

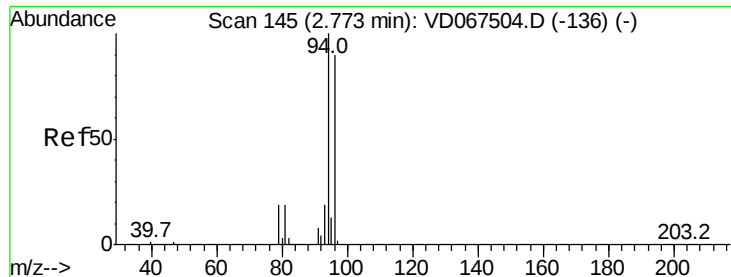
Tgt Ion: 62 Resp: 77289

Ion Ratio Lower Upper

62 100

64 33.8 25.6 38.4





#5

Bromomethane

Concen: 46.243 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

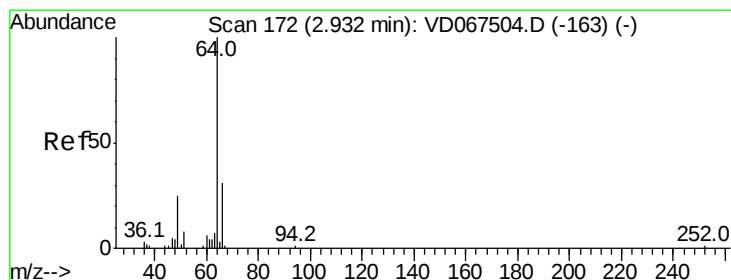
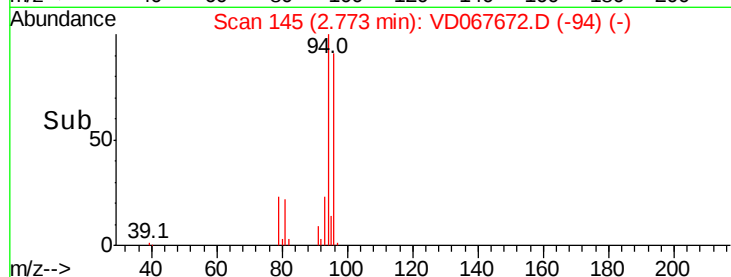
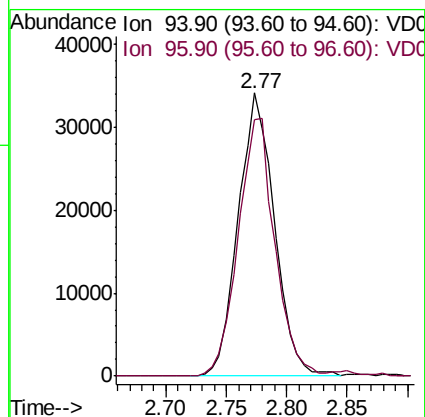
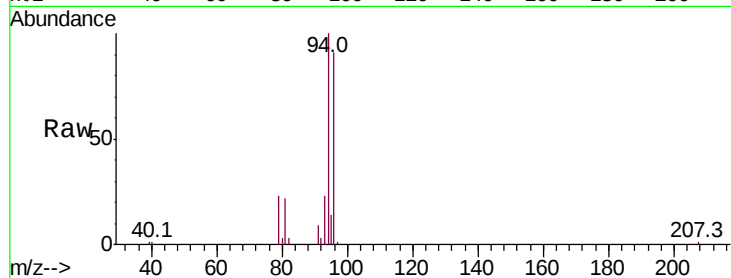
VSTDCCC050EC

Tot Ion: 94 Resp: 71478

Ion Ratio Lower Upper

94 100

96 90.6 72.2 108.2



#6

Chloroethane

Concen: 42.874 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067672.D

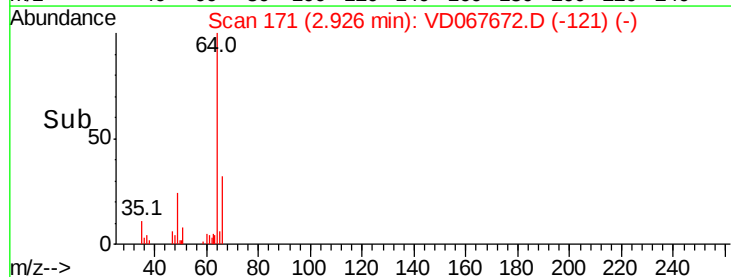
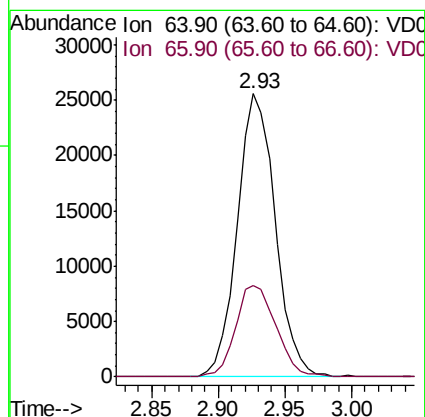
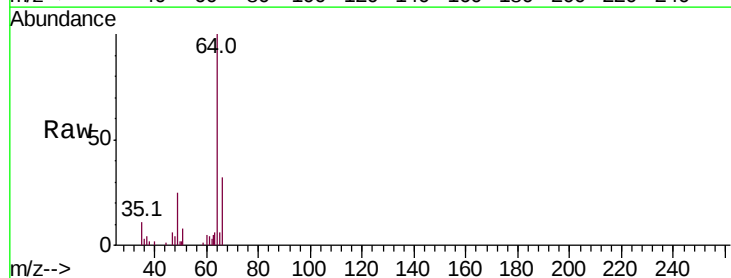
Acq: 17 Nov 2020 19:36

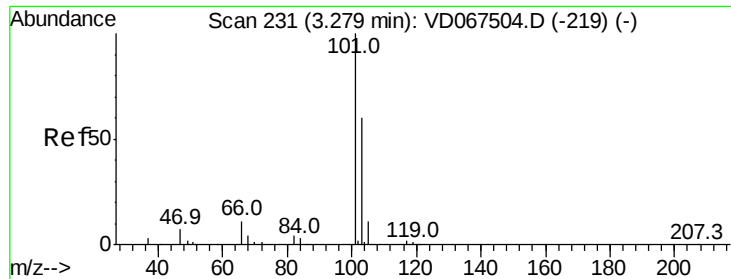
Tgt Ion: 64 Resp: 50408

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



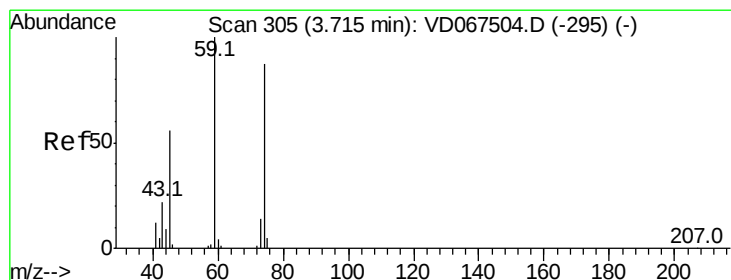
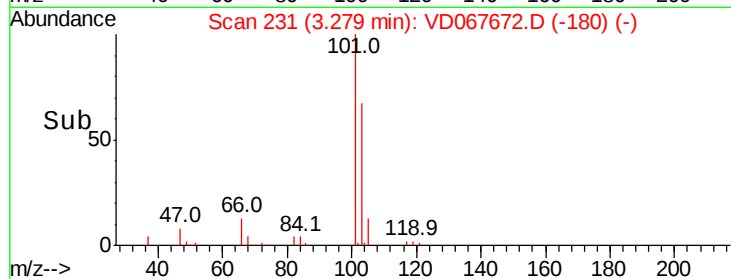
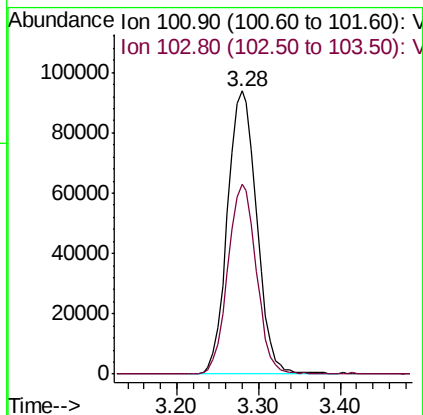
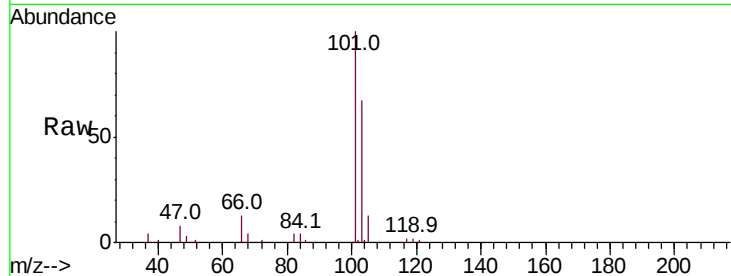


#7

Trichlorofluoromethane
Concen: 47.360 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

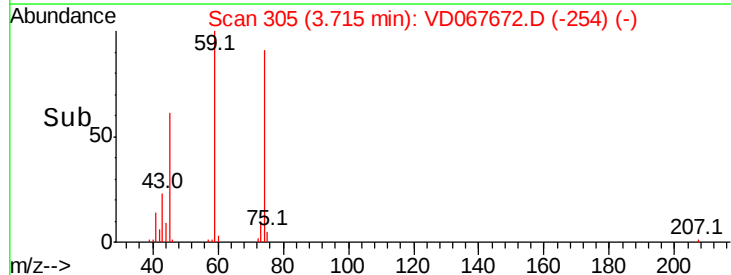
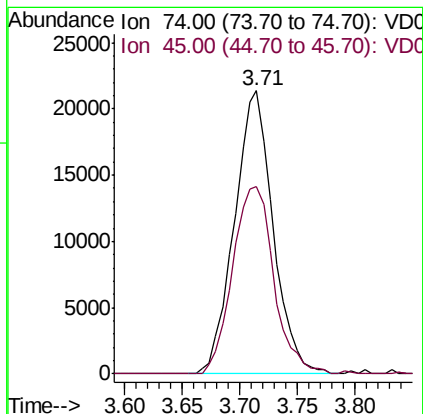
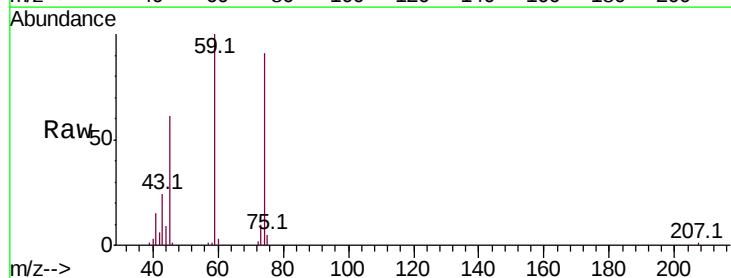
Tot Ion:101 Resp: 233857
Ion Ratio Lower Upper
101 100
103 67.3 48.1 72.1

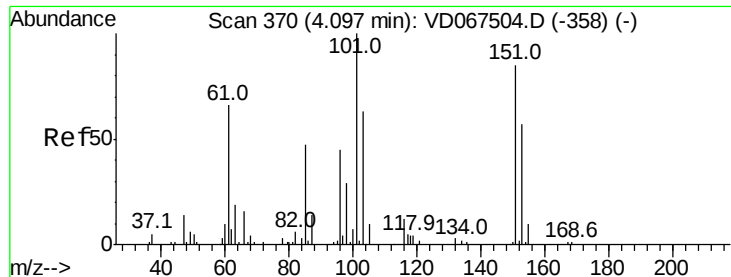


#8

Diethyl Ether
Concen: 49.900 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 74 Resp: 49649
Ion Ratio Lower Upper
74 100
45 70.7 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.122 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

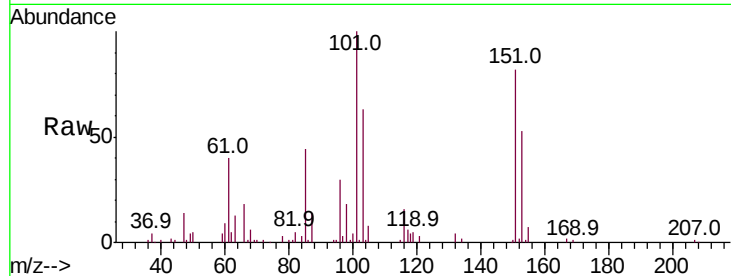
Tot Ion:101 Resp: 119944

Ion Ratio Lower Upper

101 100

85 44.6 34.4 51.6

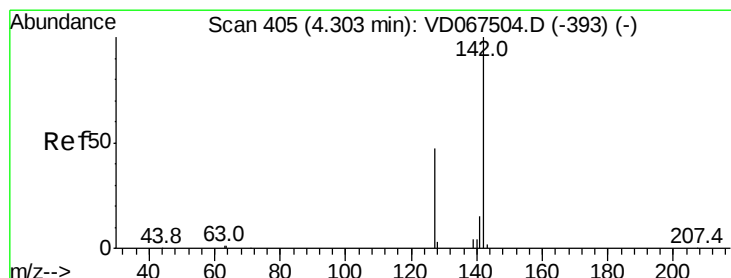
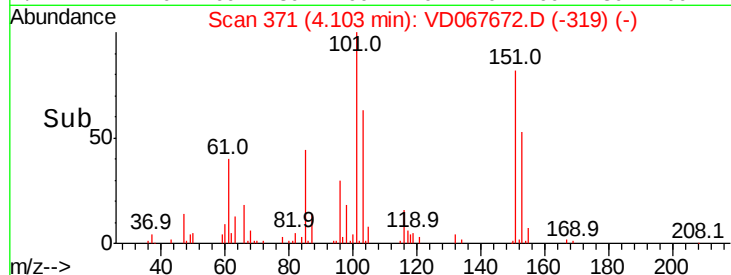
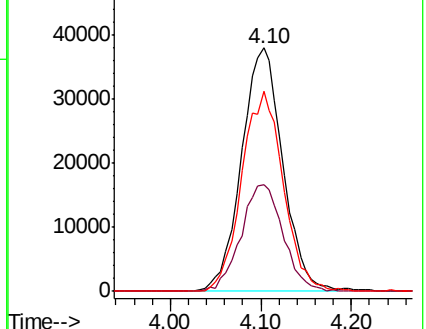
151 82.7 68.1 102.1



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: 51.905 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

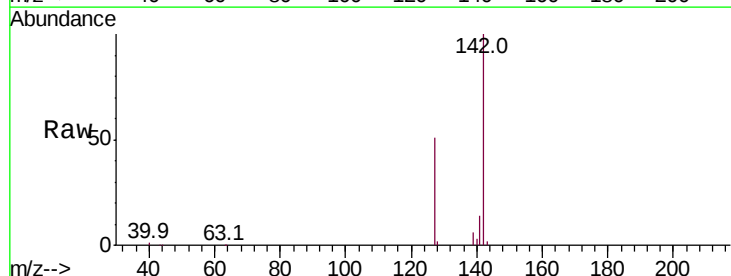
Tgt Ion:142 Resp: 138659

Ion Ratio Lower Upper

142 100

127 49.6 40.0 60.0

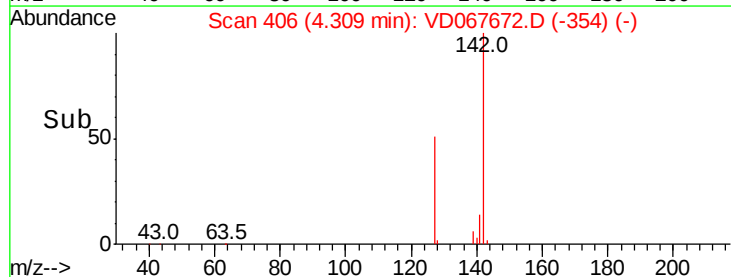
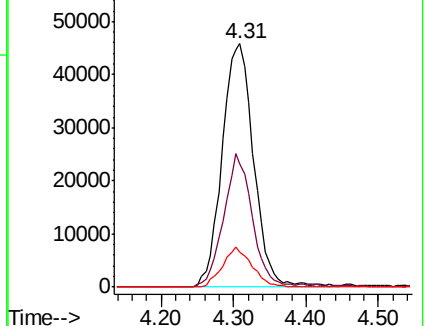
141 15.1 11.7 17.5

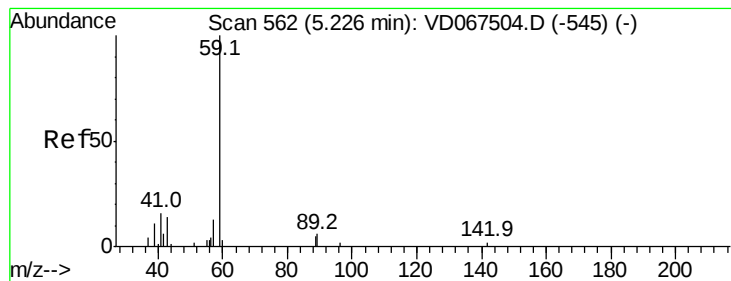


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



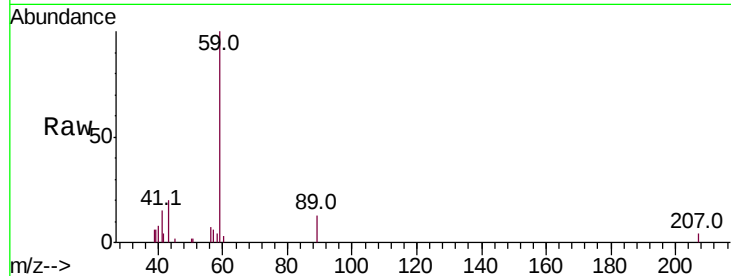


#11

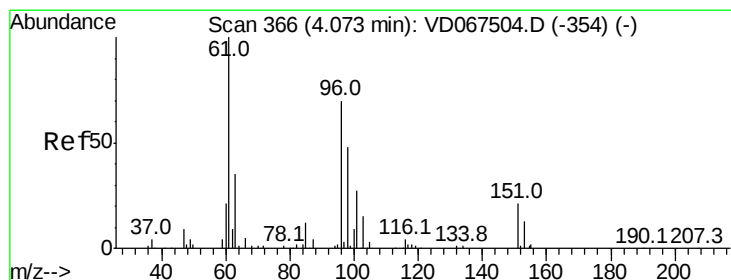
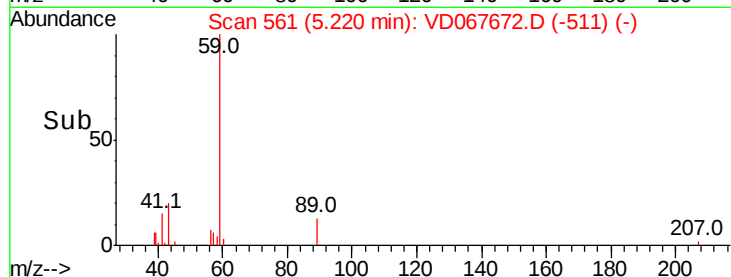
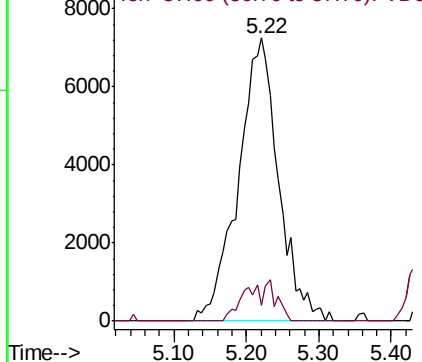
Tert butyl alcohol
 Concen: 271.572 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 27928
 Ion Ratio Lower Upper
 59 100
 57 6.3 5.9 8.9



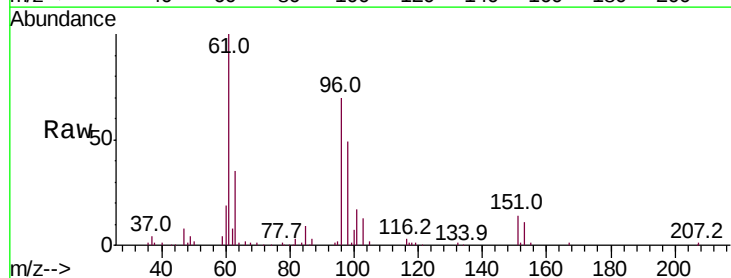
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



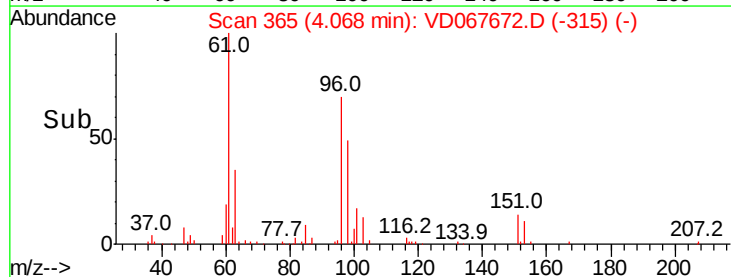
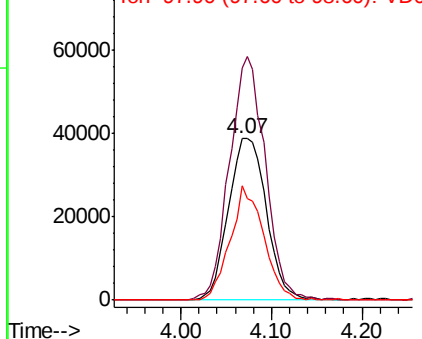
#12

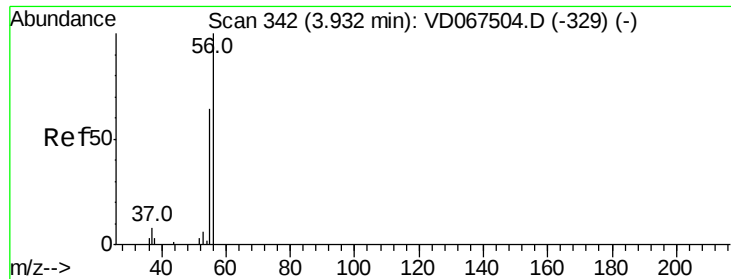
1,1-Dichloroethene
 Concen: 49.216 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 96 Resp: 112834
 Ion Ratio Lower Upper
 96 100
 61 143.3 114.5 171.7
 98 70.6 54.5 81.7



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: 226.313 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

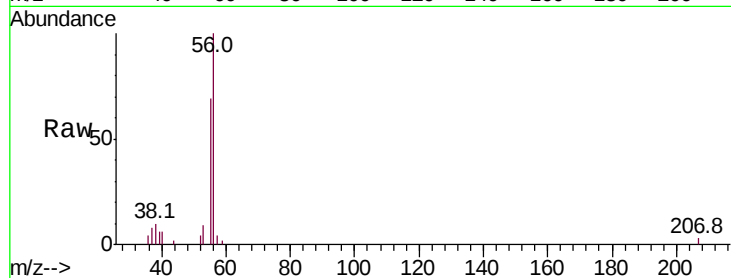
VSTDCCC050EC

Tot Ion: 56 Resp: 23803

Ion Ratio Lower Upper

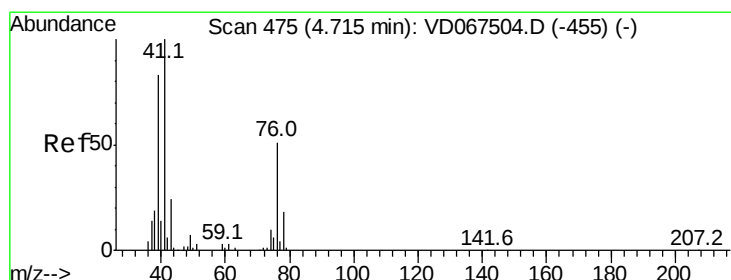
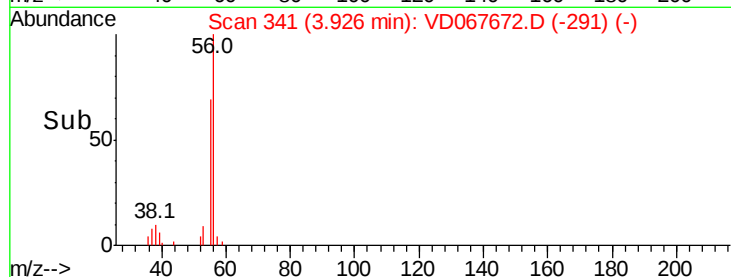
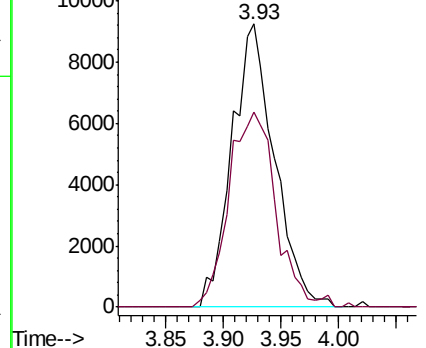
56 100

55 74.6 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.031 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

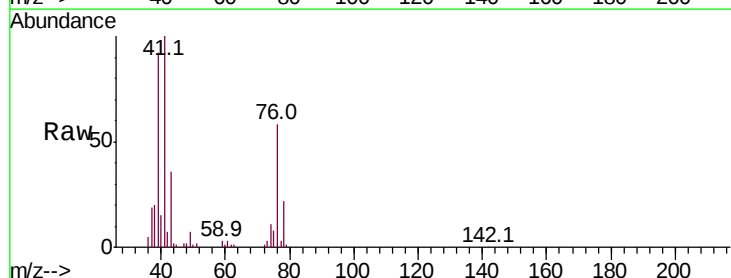
Tgt Ion: 41 Resp: 115399

Ion Ratio Lower Upper

41 100

39 90.7 67.4 101.0

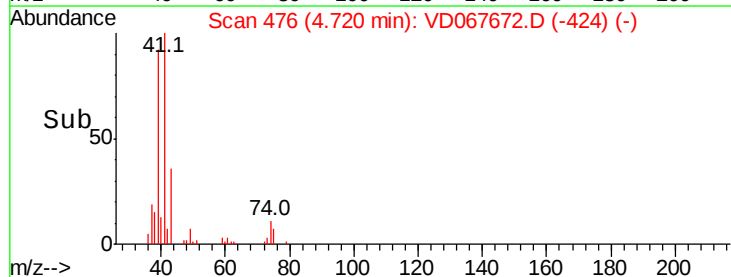
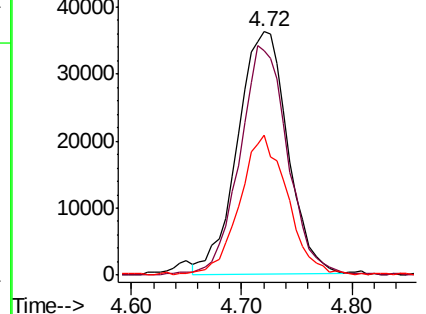
76 55.0 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 247.060 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

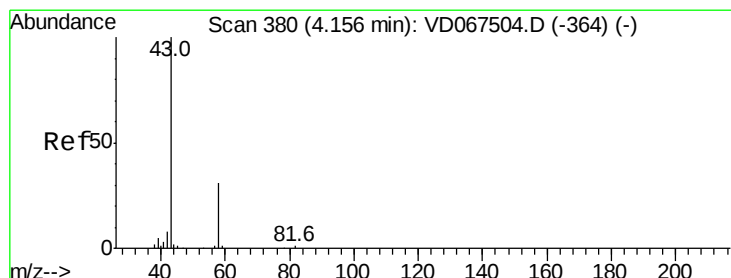
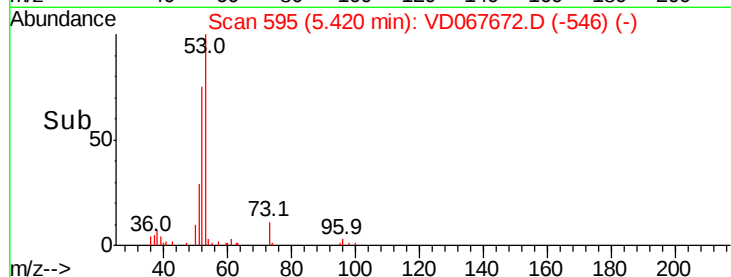
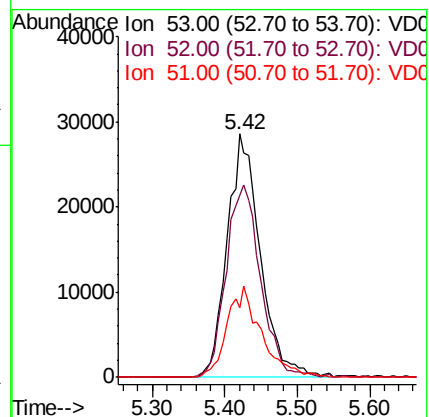
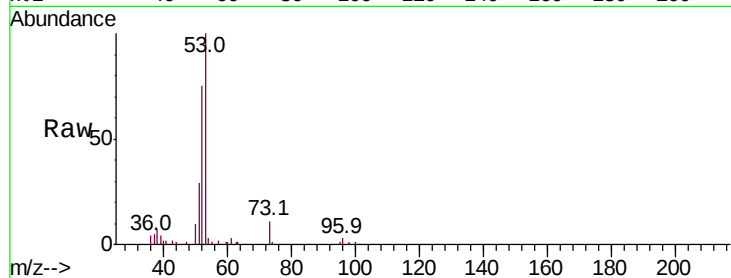
Tot Ion: 53 Resp: 90867

Ion Ratio Lower Upper

53 100

52 81.7 64.8 97.2

51 38.4 29.5 44.3



#16

Acetone

Concen: 217.120 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067672.D

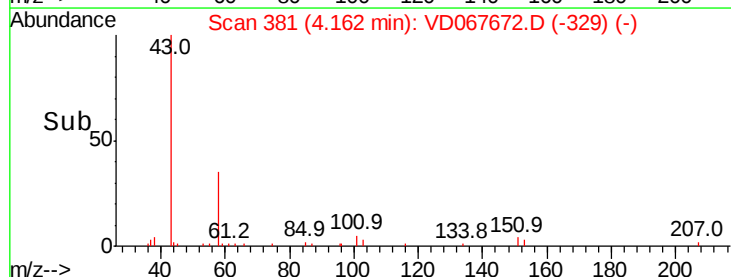
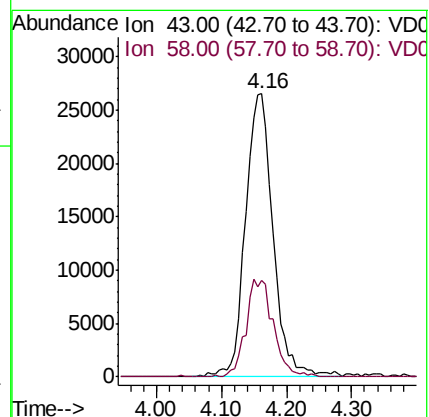
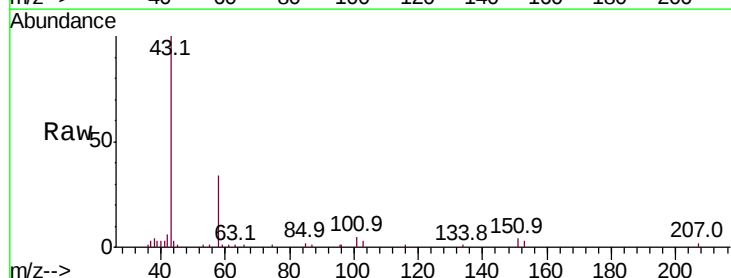
Acq: 17 Nov 2020 19:36

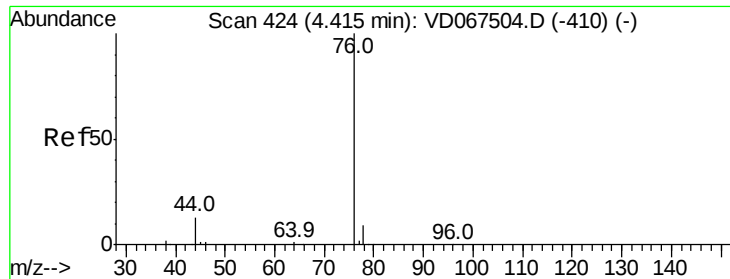
Tgt Ion: 43 Resp: 78036

Ion Ratio Lower Upper

43 100

58 34.1 25.2 37.8

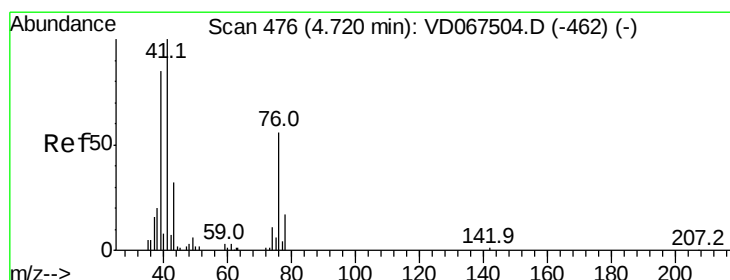
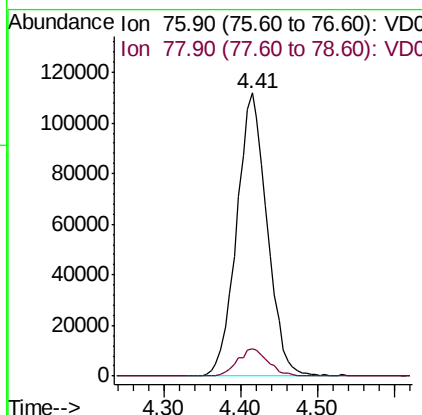
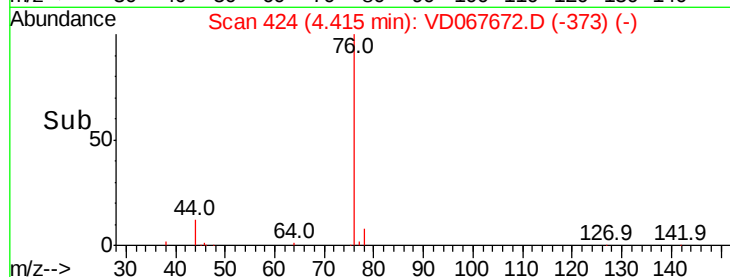
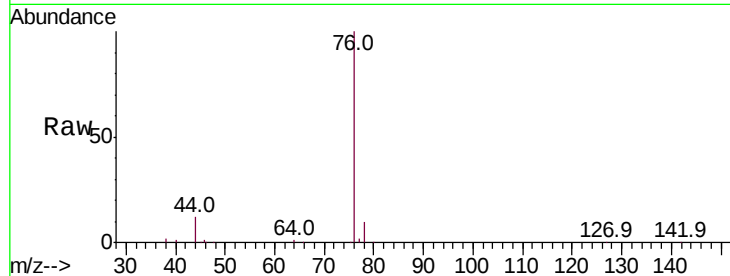




#17
Carbon Disulfide
Concen: 44.001 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

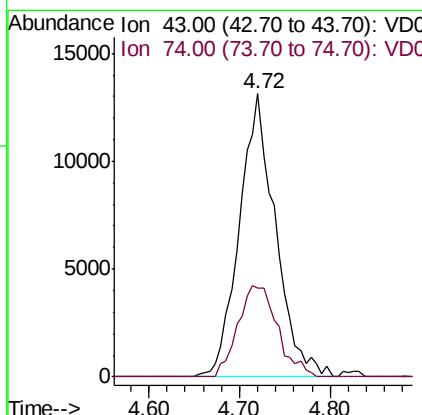
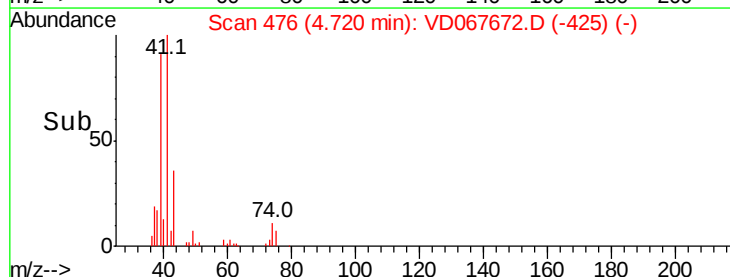
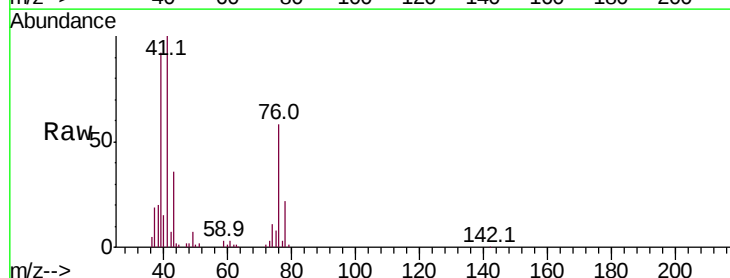
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

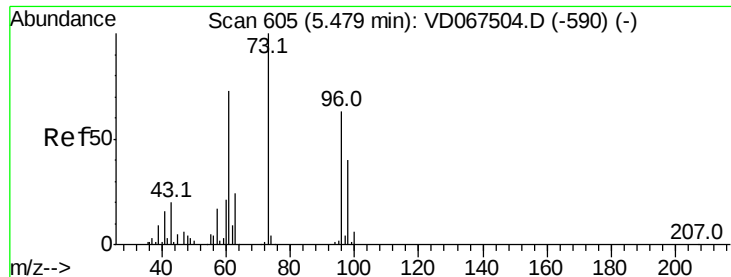
Tot Ion: 76 Resp: 309120
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 49.001 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 43 Resp: 36394
Ion Ratio Lower Upper
43 100
74 35.3 27.2 40.8

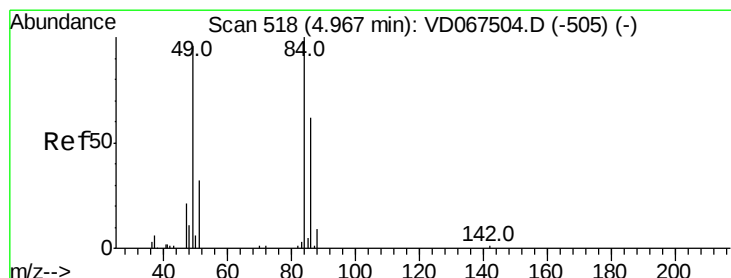
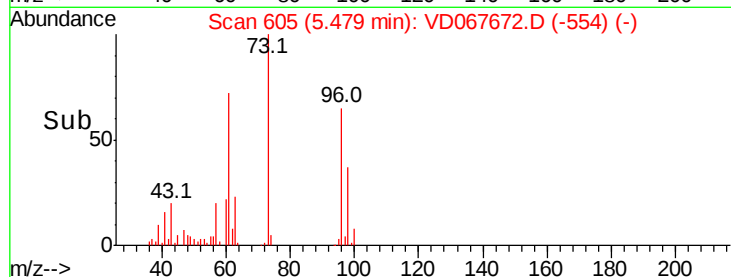
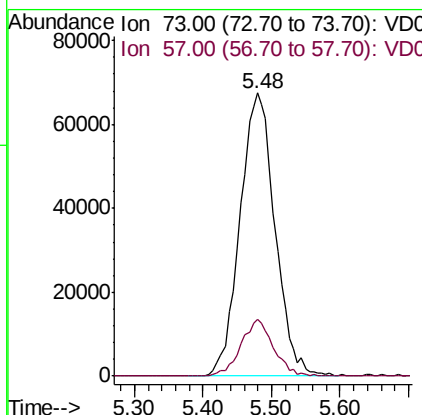
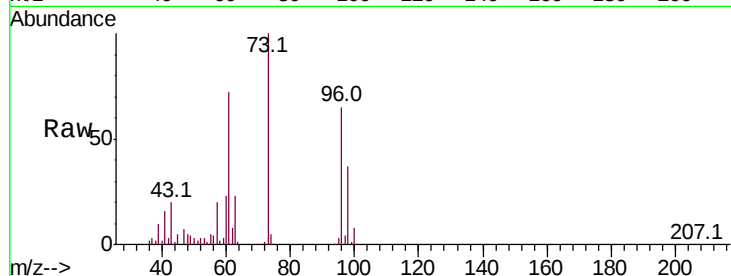




#19
Methvl tert-butvl Ether
Concen: 52.843 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

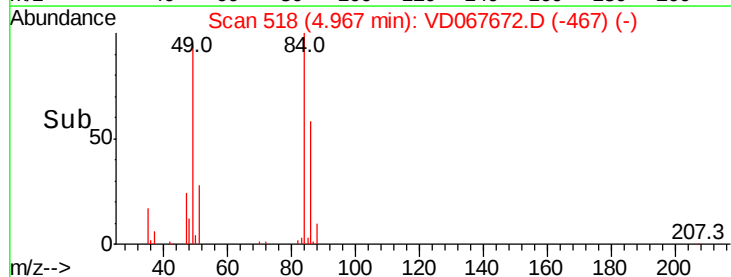
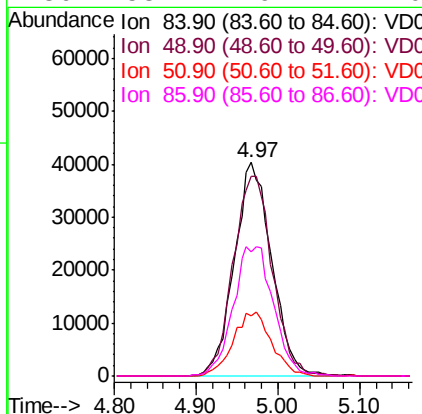
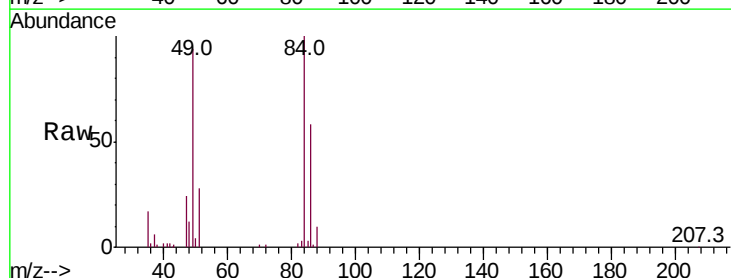
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

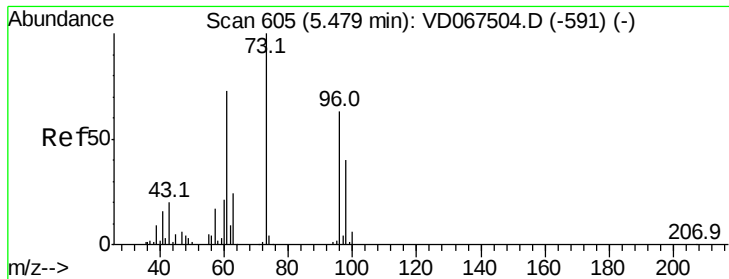
Tot Ion: 73 Resp: 238968
Ion Ratio Lower Upper
73 100
57 20.0 13.4 20.0



#20
Methylene Chloride
Concen: 50.453 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 84 Resp: 128093
Ion Ratio Lower Upper
84 100
49 93.5 77.0 115.4
51 28.0 25.4 38.2
86 58.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.885 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

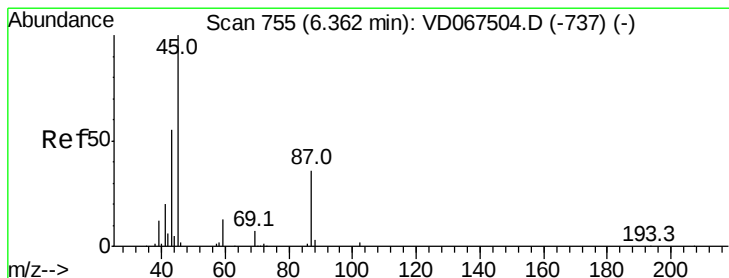
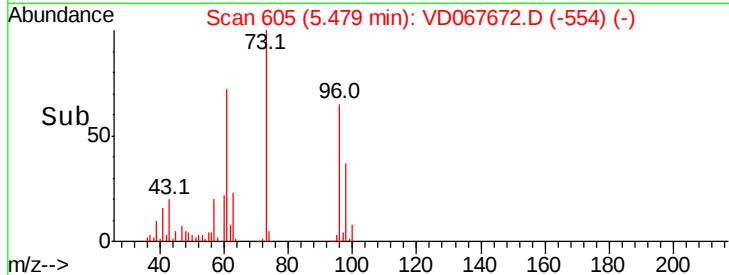
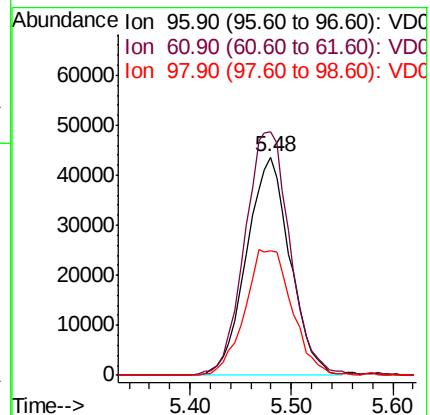
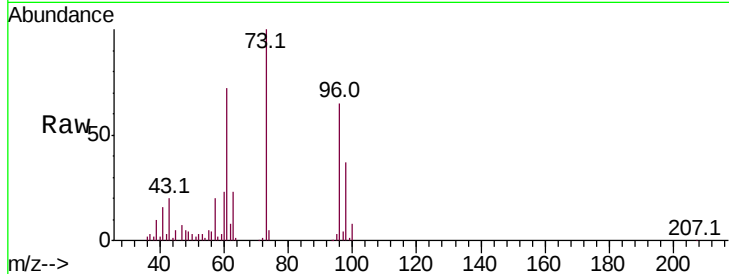
Tot Ion: 96 Resp: 130539

Ion Ratio Lower Upper

96 100

61 111.4 93.0 139.6

98 57.0 50.9 76.3



#22

Diisopropyl ether

Concen: 51.510 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion: 45 Resp: 246297

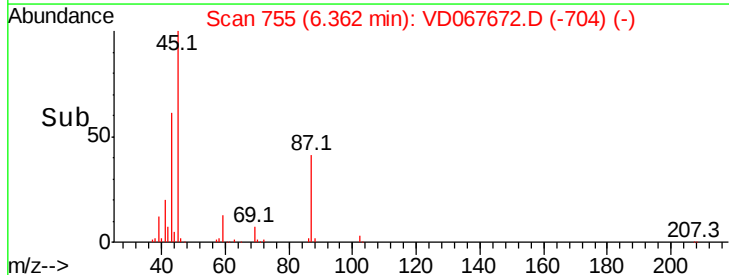
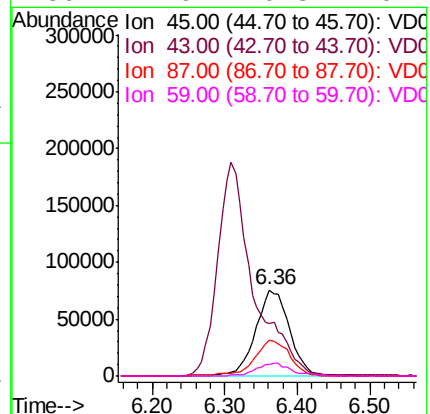
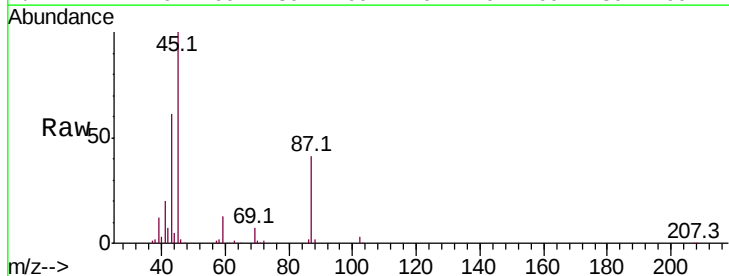
Ion Ratio Lower Upper

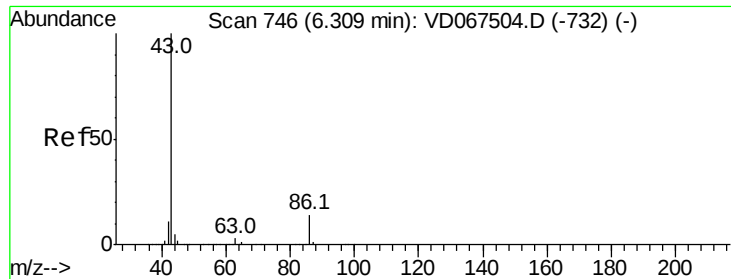
45 100

43 60.4 46.2 69.4

87 40.3 29.4 44.2

59 12.9 10.8 16.2

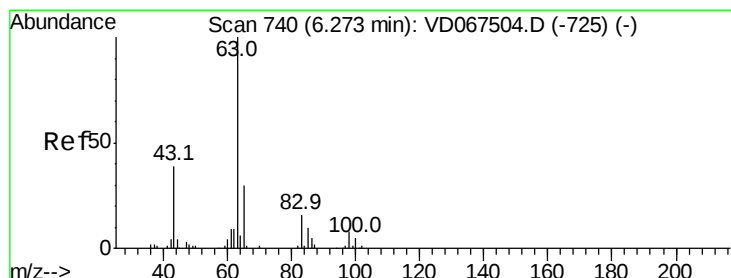
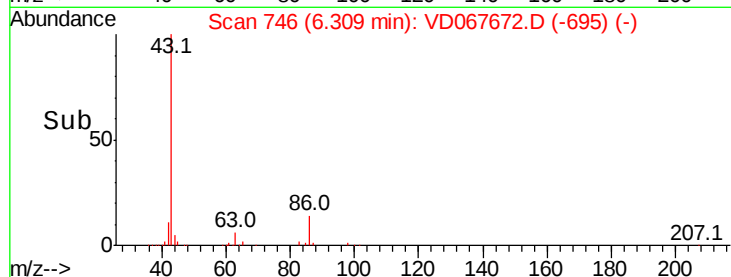
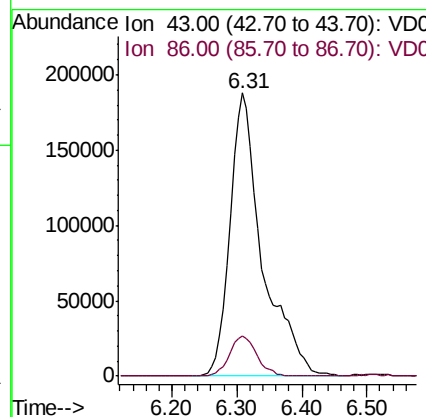
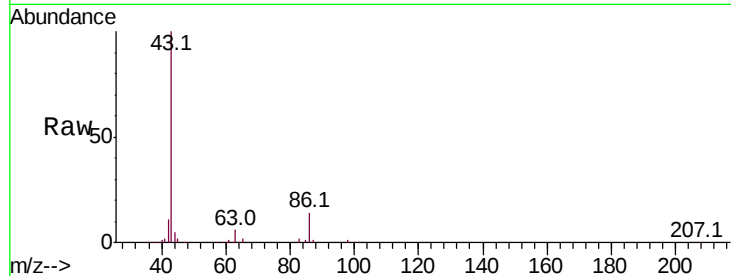




#23
 Vinyl Acetate
 Concen: 258.926 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

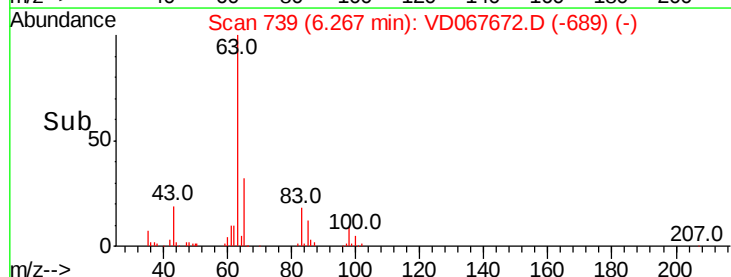
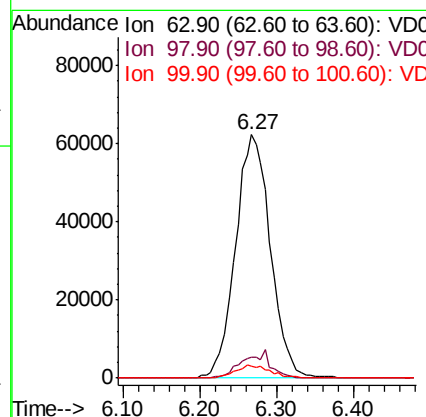
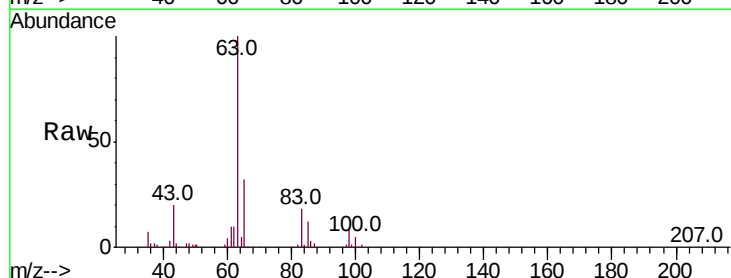
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

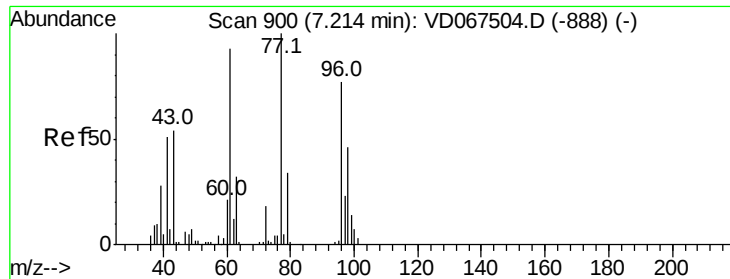
Tot Ion: 43 Resp: 648071
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 50.416 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 63 Resp: 197217
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 4.7 2.6 7.8





#25

2-Butanone

Concen: 246.748 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

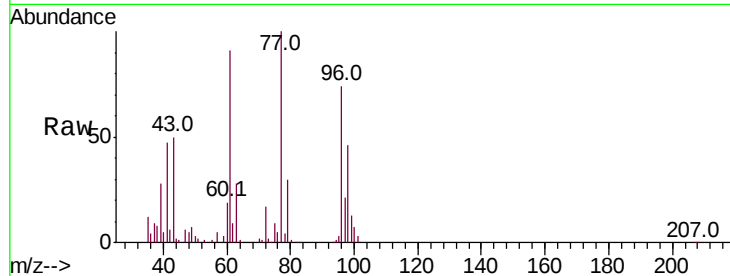
VSTDCCC050EC

Tot Ion: 43 Resp: 94762

Ion Ratio Lower Upper

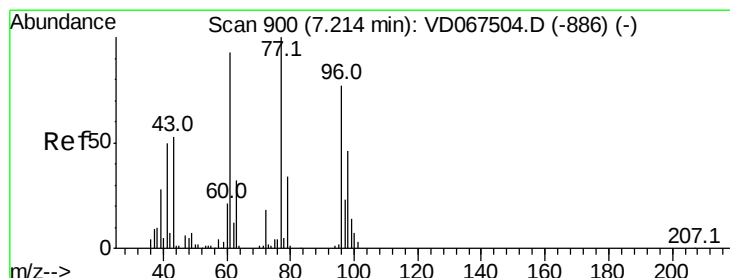
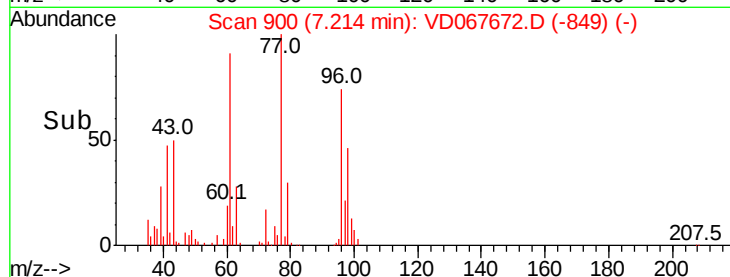
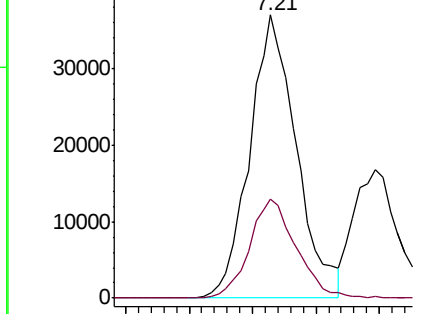
43 100

72 34.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.884 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067672.D

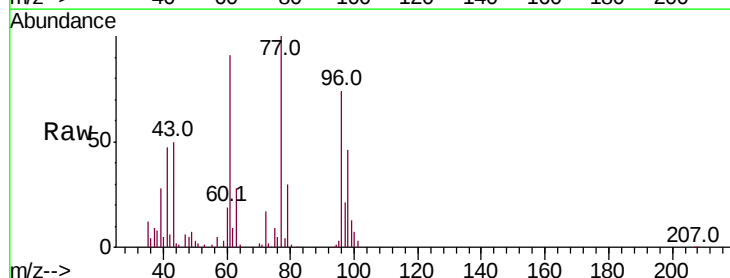
Acq: 17 Nov 2020 19:36

Tgt Ion: 77 Resp: 210074

Ion Ratio Lower Upper

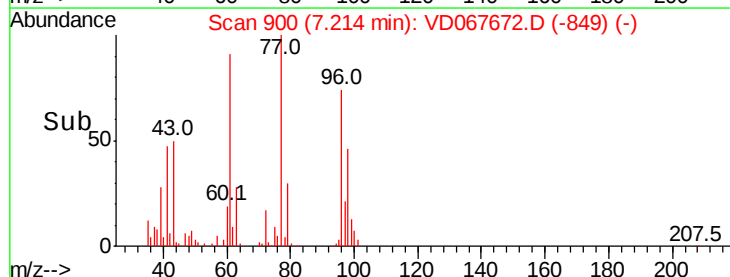
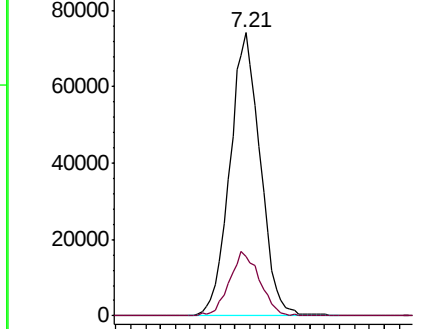
77 100

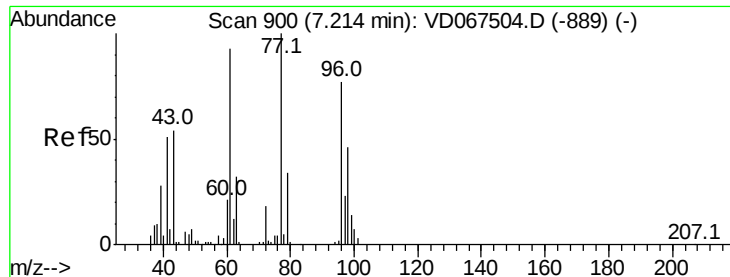
97 22.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



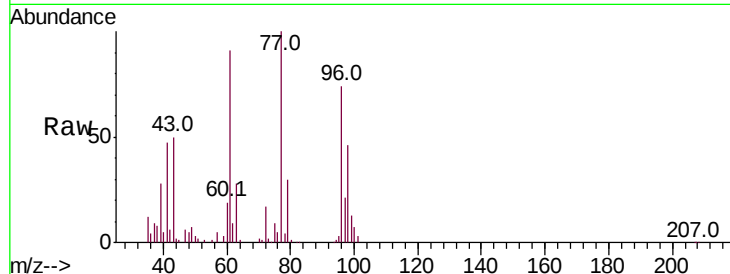


#27

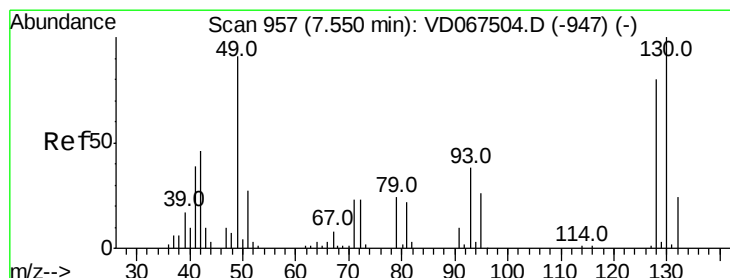
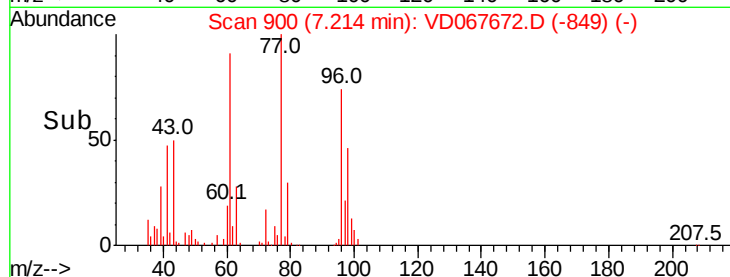
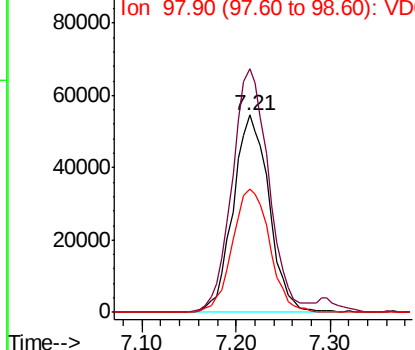
cis-1,2-Dichloroethene
Concen: 52.111 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 144435
Ion Ratio Lower Upper
96 100
61 126.4 0.0 251.6
98 65.0 0.0 128.0



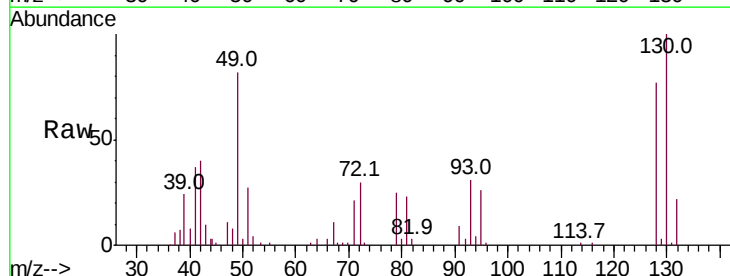
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



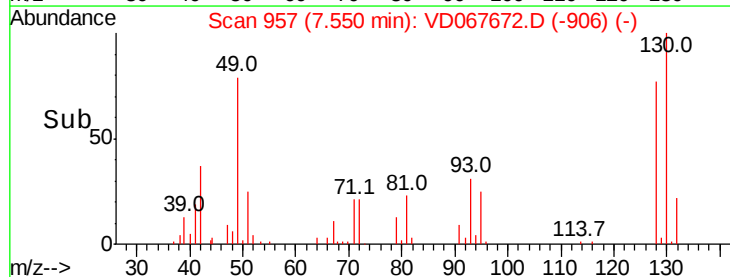
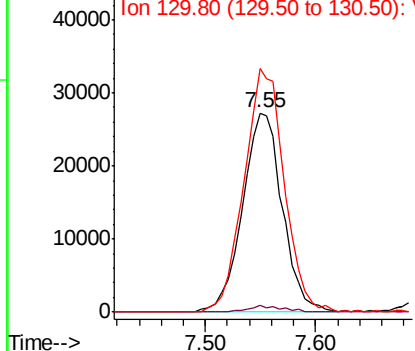
#28

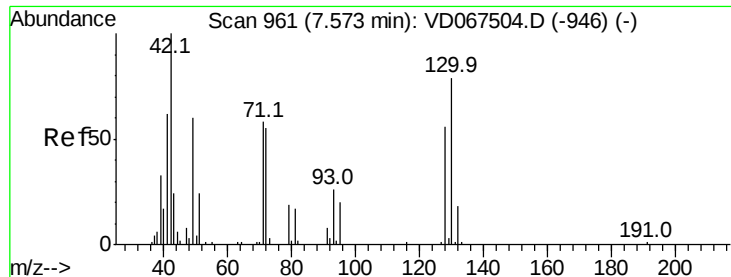
Bromochloromethane
Concen: 49.287 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 49 Resp: 68579
Ion Ratio Lower Upper
49 100
129 2.8 0.0 6.4
130 124.3 94.6 142.0



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

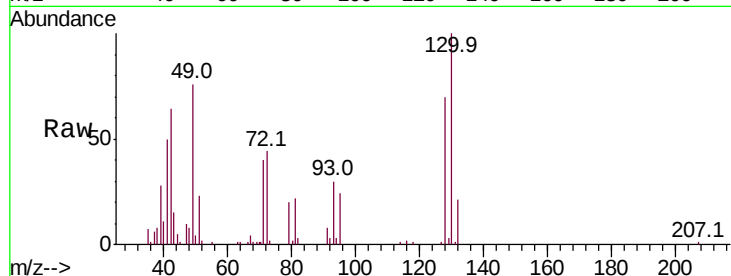




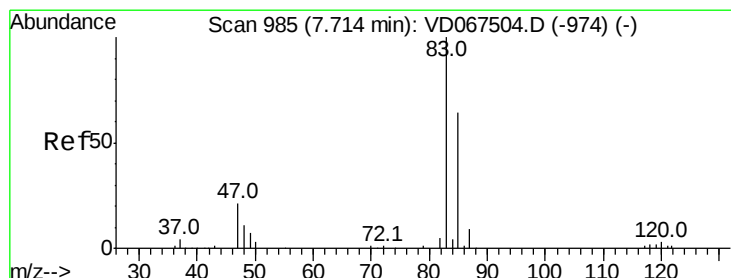
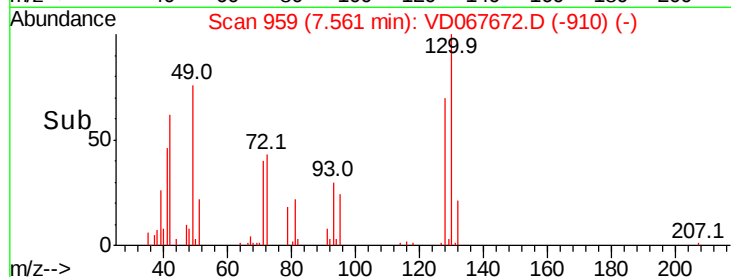
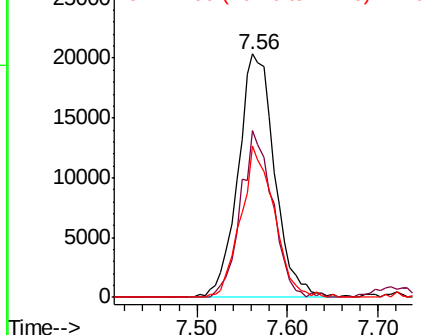
#29
Tetrahydrofuran
Concen: 247.135 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 56852
Ion Ratio Lower Upper
42 100
72 60.0 46.3 69.5
71 57.0 44.0 66.0

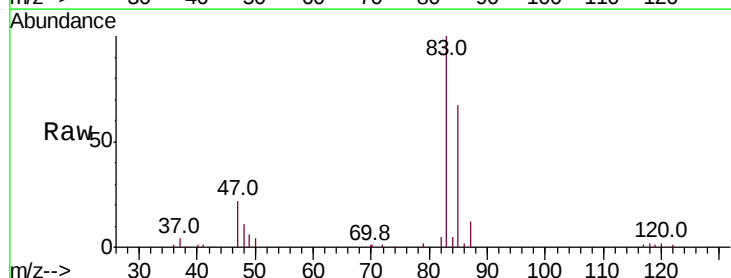


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

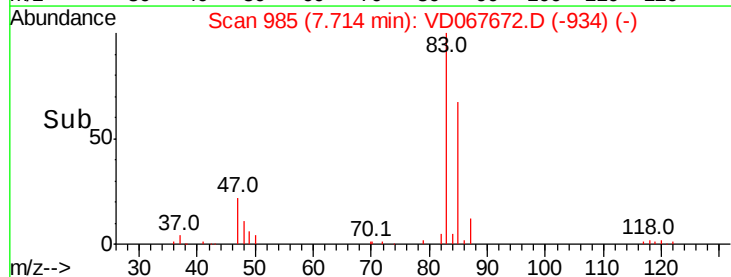
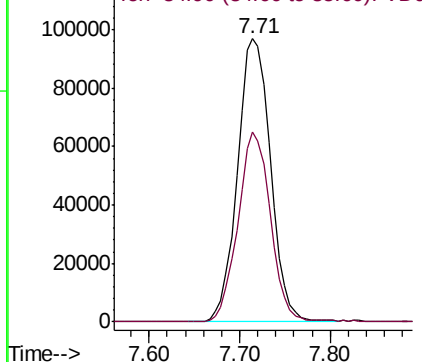


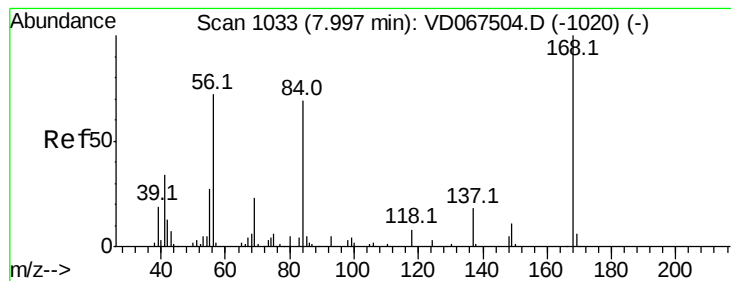
#30
Chloroform
Concen: 52.535 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 83 Resp: 245165
Ion Ratio Lower Upper
83 100
85 67.1 51.5 77.3



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





#31

Cyclohexane

Concen: 42.995 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

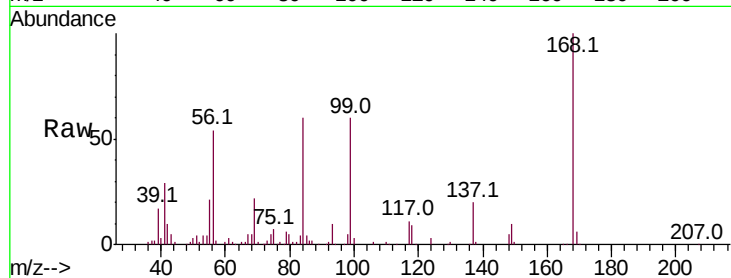
Tot Ion: 56 Resp: 149774

Ion Ratio Lower Upper

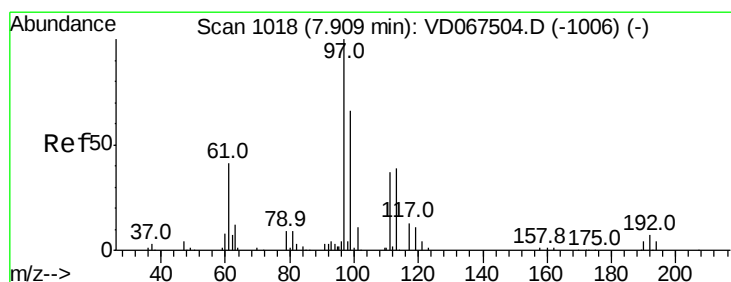
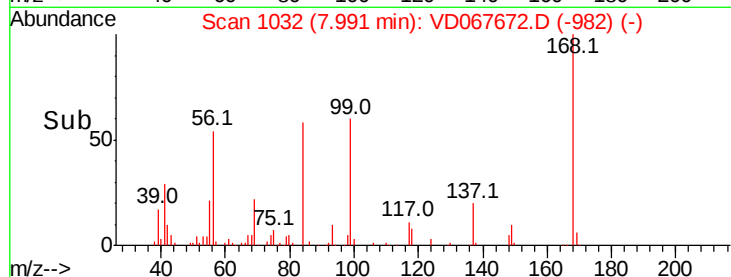
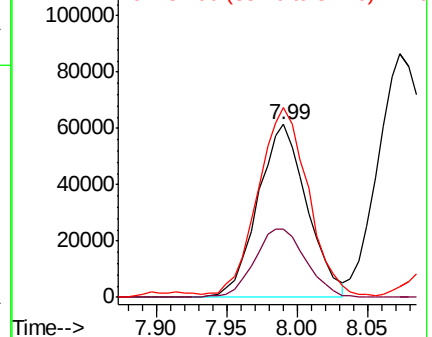
56 100

69 39.8 25.9 38.9#

84 107.2 76.2 114.4



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: 50.591 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

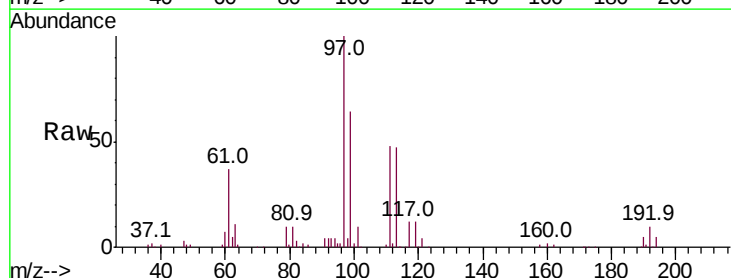
Tgt Ion: 97 Resp: 243600

Ion Ratio Lower Upper

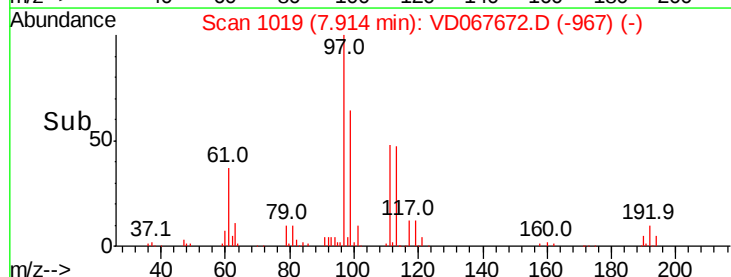
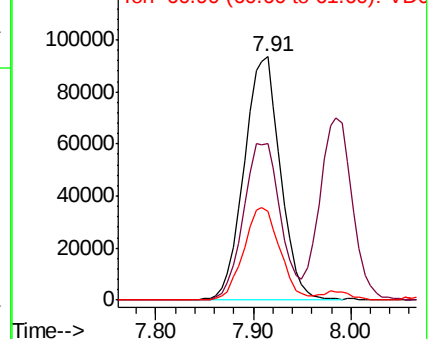
97 100

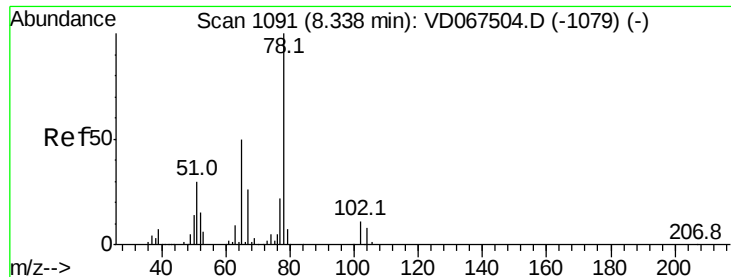
99 66.3 51.8 77.6

61 37.8 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 45.252 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

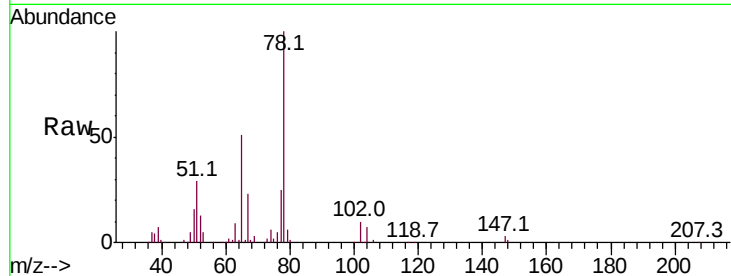
VSTDCCC050EC

Tot Ion: 65 Resp: 108686

Ion Ratio Lower Upper

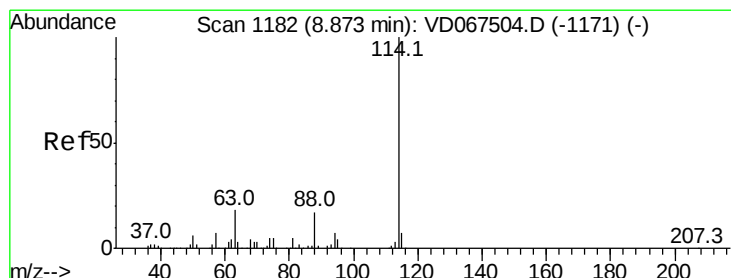
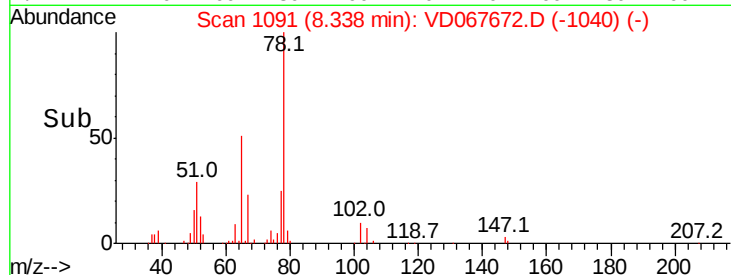
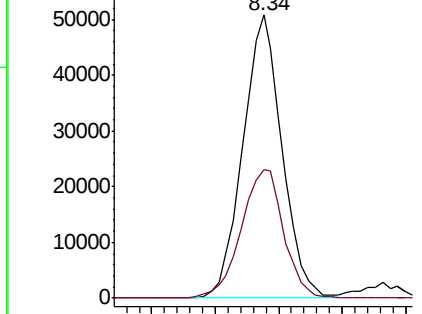
65 100

67 49.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

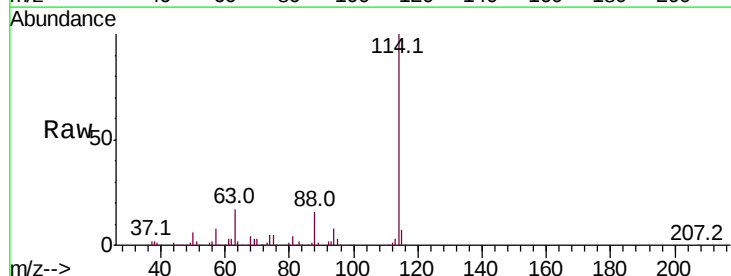
Tgt Ion: 114 Resp: 419696

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

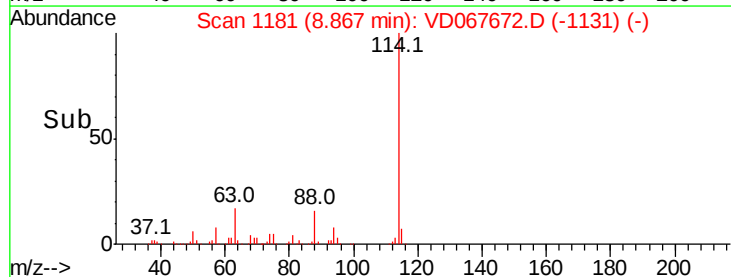
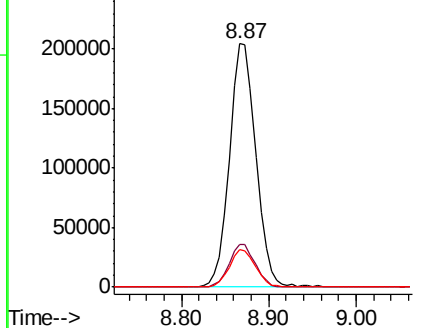
88 15.6 0.0 33.0

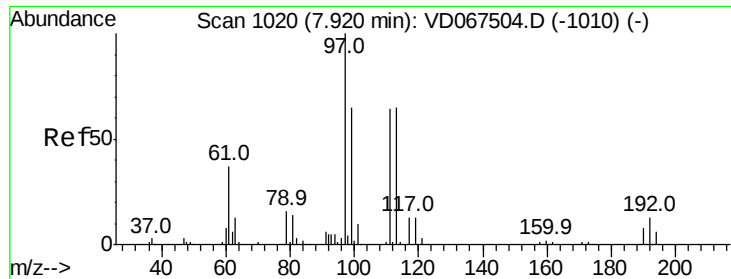


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

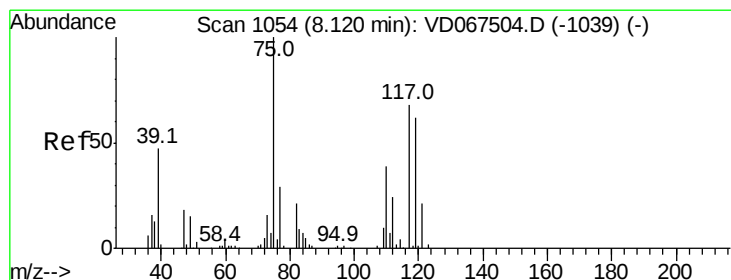
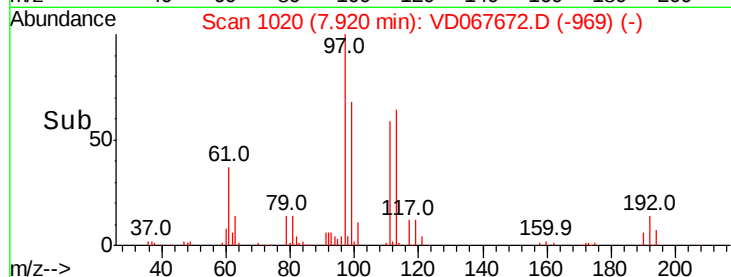
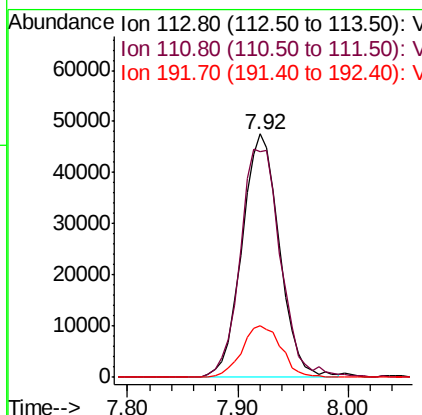
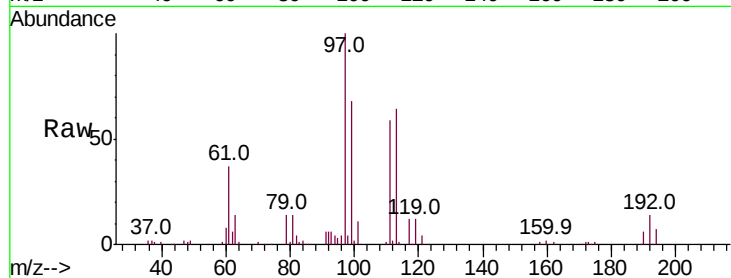




#35
 Dibromofluoromethane
 Concen: 44.804 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

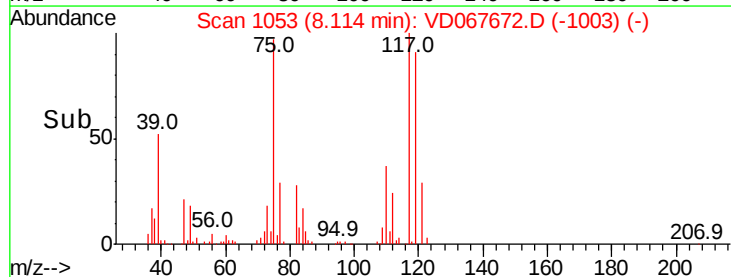
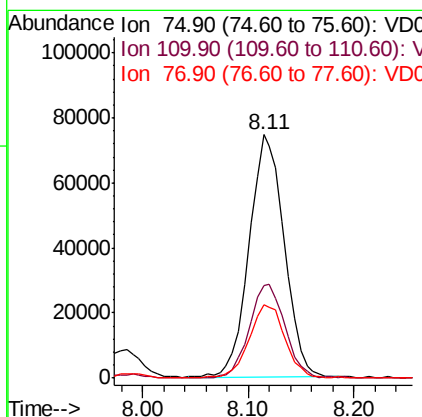
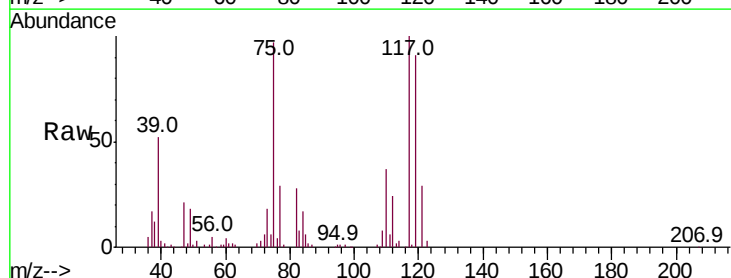
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

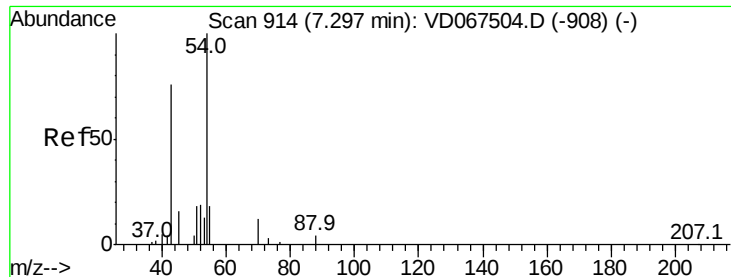
Tot Ion:113 Resp: 113293
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.0 120.0
 192 22.4 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 47.864 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 75 Resp: 171952
 Ion Ratio Lower Upper
 75 100
 110 39.3 19.9 59.7
 77 31.1 24.8 37.2

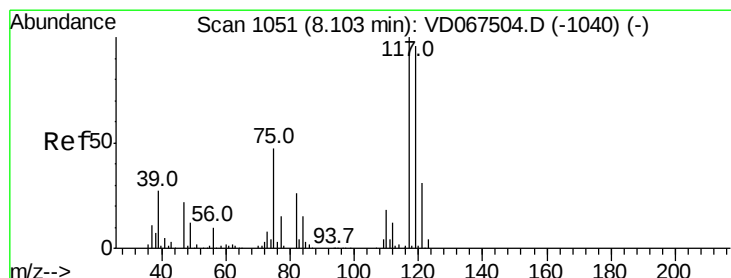
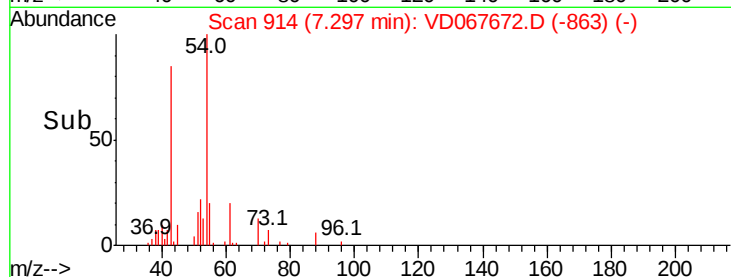
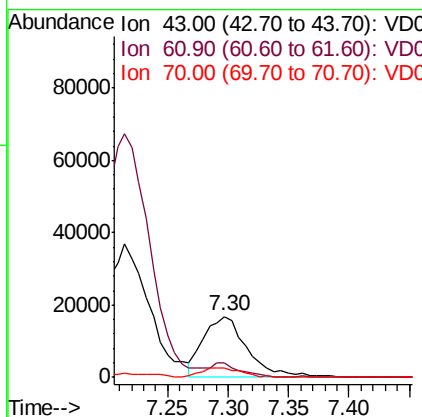
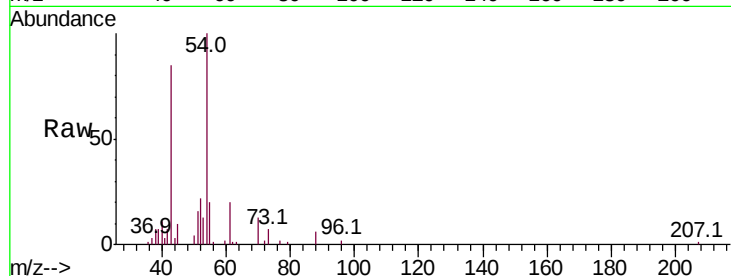




#37
Ethyl Acetate
Concen: 45.366 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

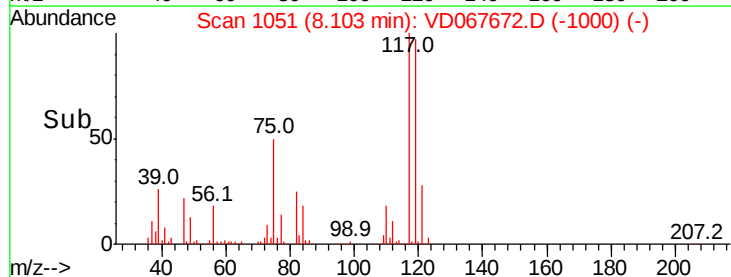
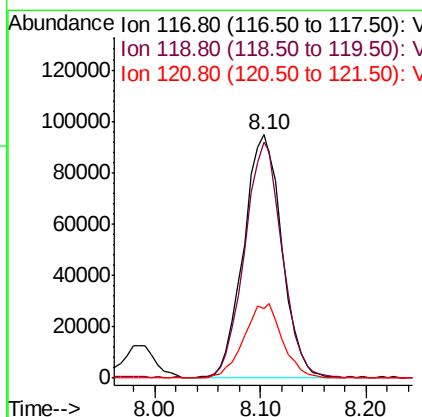
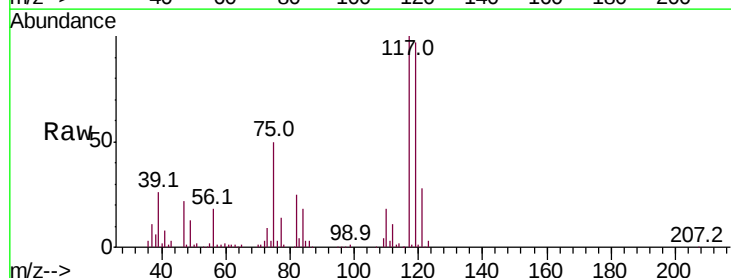
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

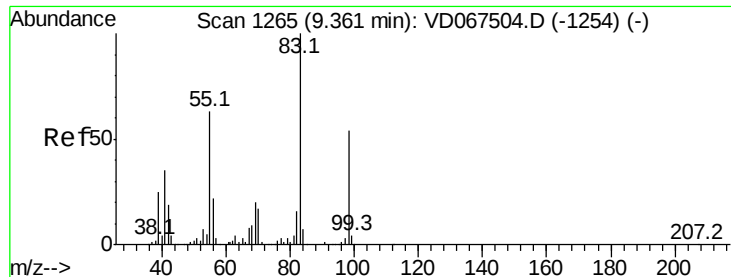
Tot Ion: 43 Resp: 42312
Ion Ratio Lower Upper
43 100
61 17.3 12.8 19.2
70 14.7 11.7 17.5



#38
Carbon Tetrachloride
Concen: 51.203 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 117 Resp: 238999
Ion Ratio Lower Upper
117 100
119 97.0 76.9 115.3
121 28.3 24.5 36.7

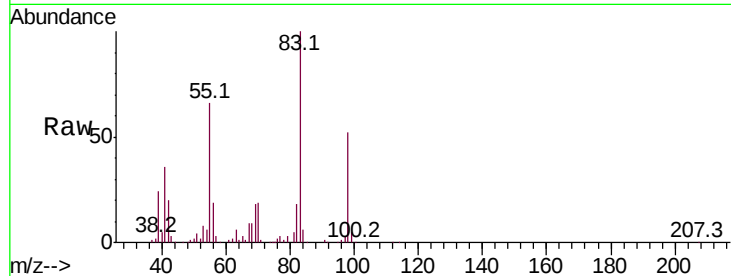




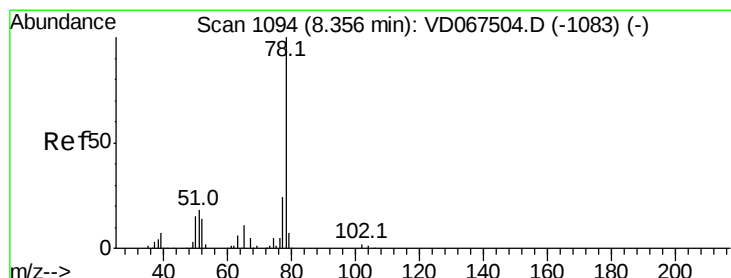
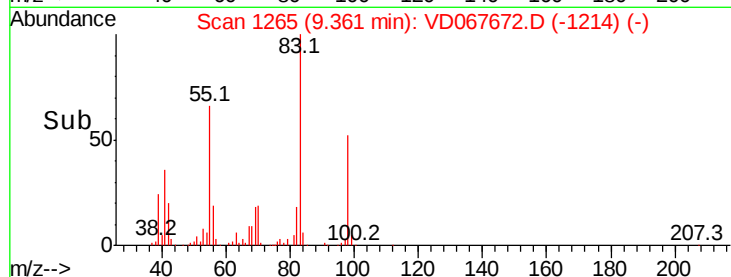
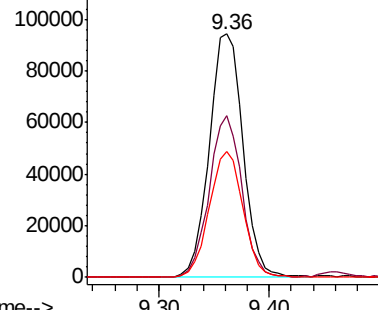
#39
Methvlcvclohexane
Concen: 47.932 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 202670
Ion Ratio Lower Upper
83 100
55 66.5 50.5 75.7
98 51.7 43.4 65.0

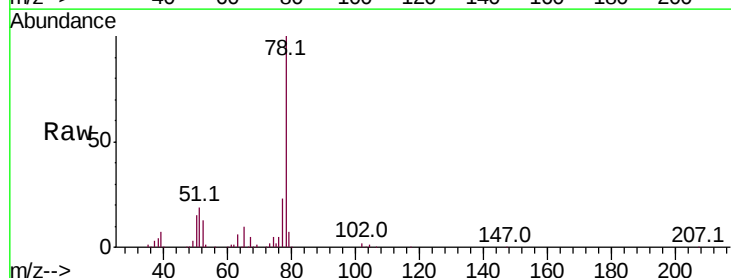


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

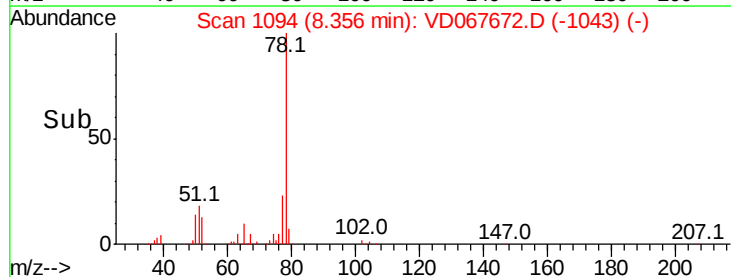
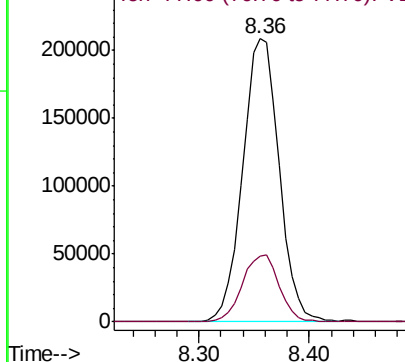


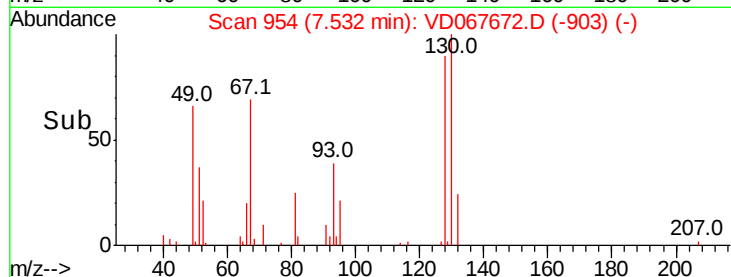
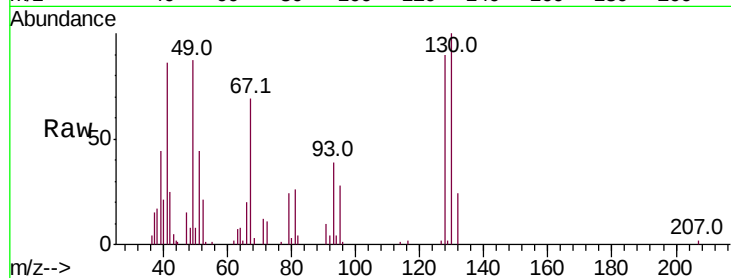
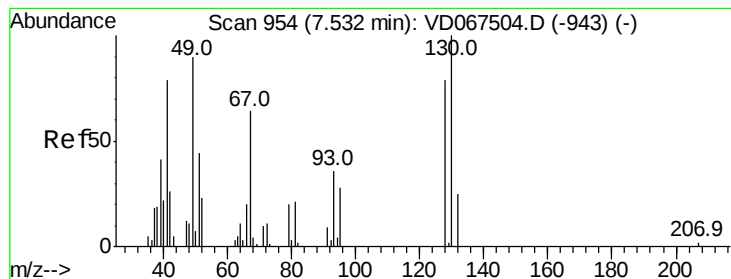
#40
Benzene
Concen: 49.706 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 78 Resp: 483705
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



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





#41

Methacrylonitrile

Concen: 44.801 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 24977

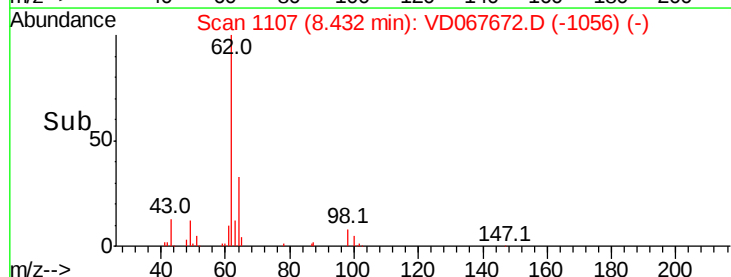
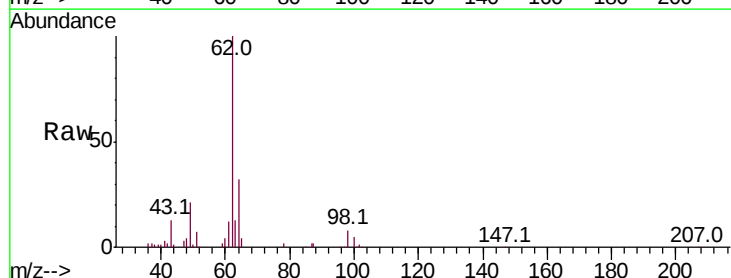
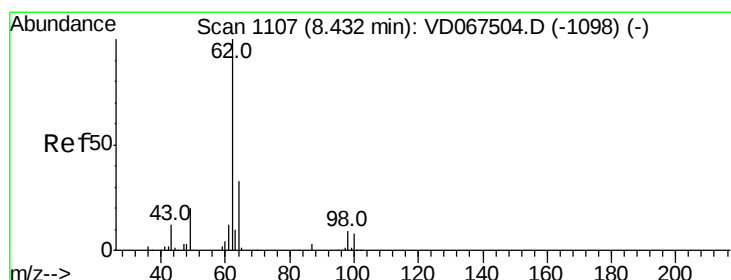
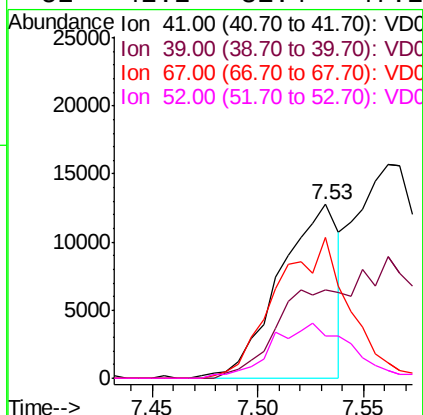
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 99.3 78.9 118.3

52 42.2 31.4 47.2



#42

1,2-Dichloroethane

Concen: 51.658 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD067672.D

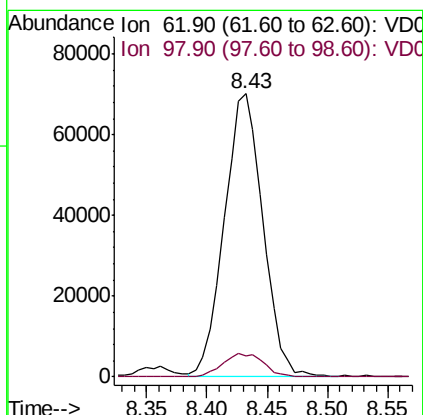
Acq: 17 Nov 2020 19:36

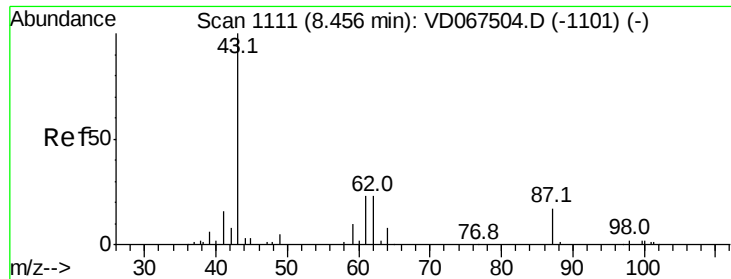
Tgt Ion: 62 Resp: 155317

Ion Ratio Lower Upper

62 100

98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.637 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

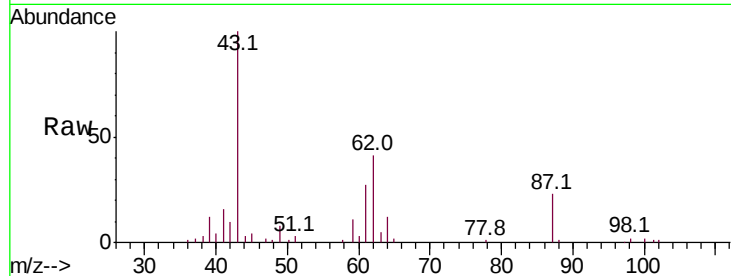
Tot Ion: 43 Resp: 87870

Ion Ratio Lower Upper

43 100

61 38.8 30.5 45.7

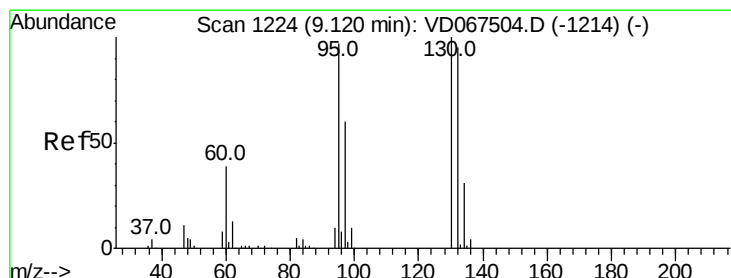
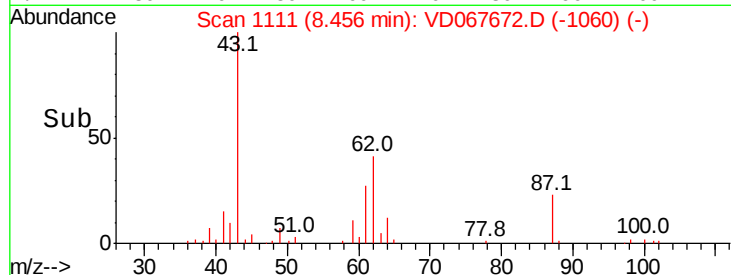
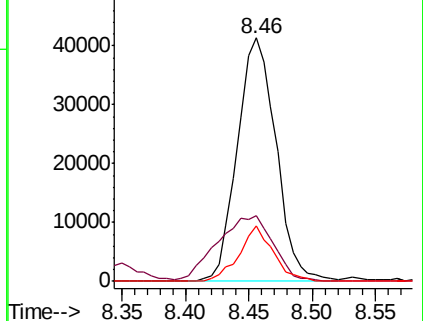
87 19.9 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.833 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD067672.D

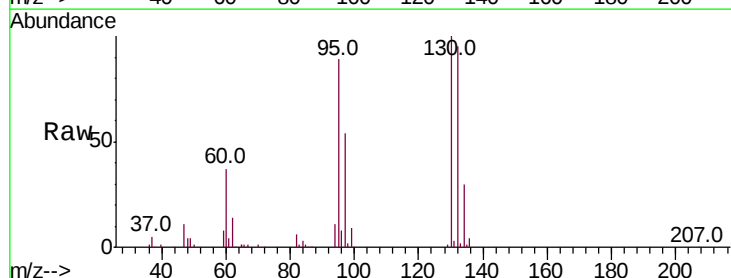
Acq: 17 Nov 2020 19:36

Tgt Ion:130 Resp: 156253

Ion Ratio Lower Upper

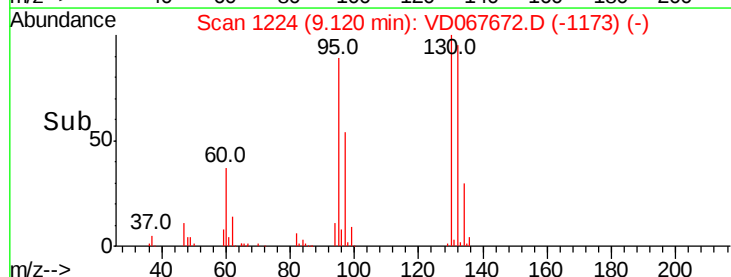
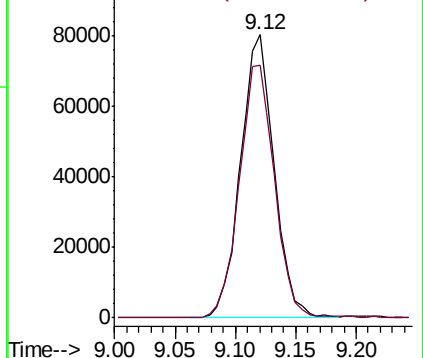
130 100

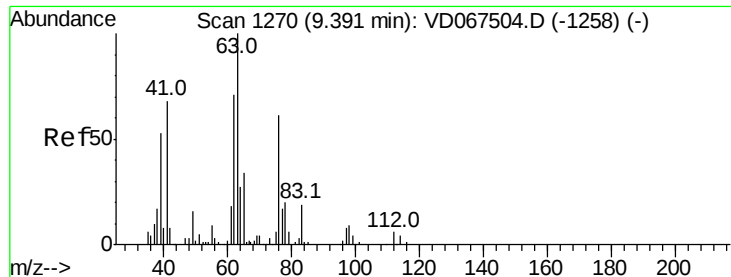
95 89.2 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.340 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

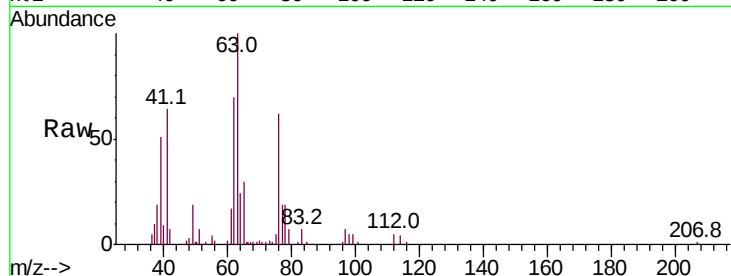
VSTDCCC050EC

Tot Ion: 63 Resp: 103810

Ion Ratio Lower Upper

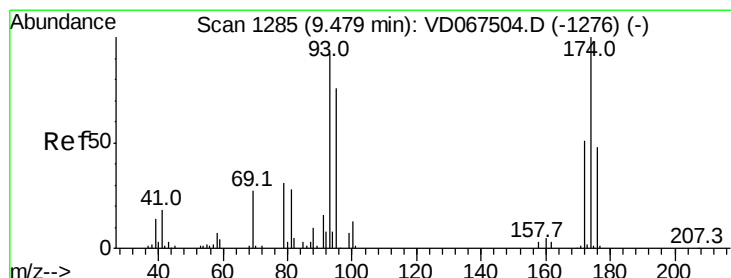
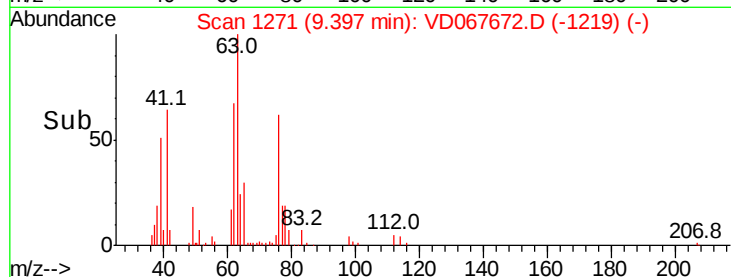
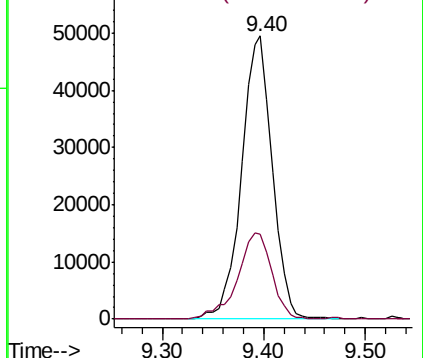
63 100

65 29.9 26.9 40.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.984 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

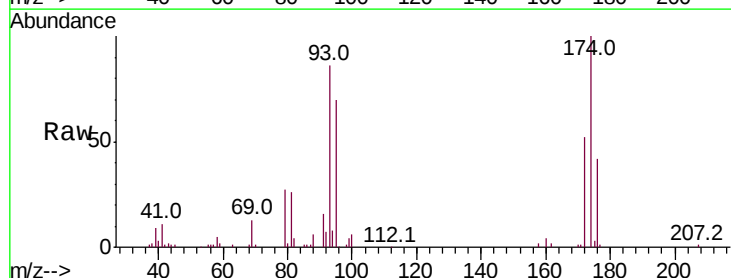
Tgt Ion: 93 Resp: 65529

Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

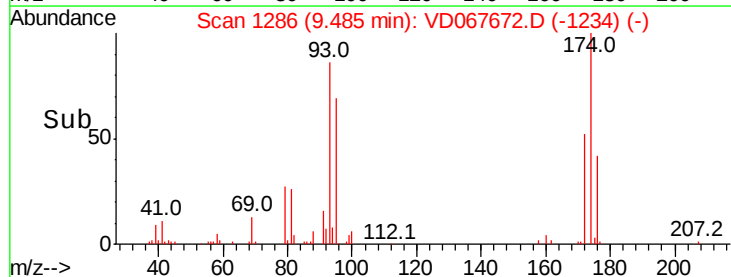
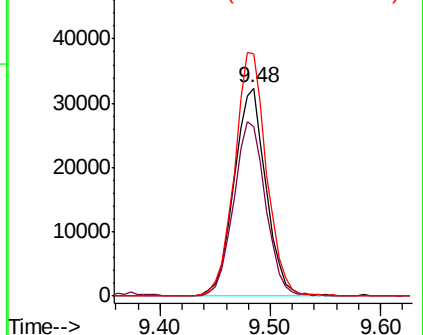
174 117.1 88.2 132.4

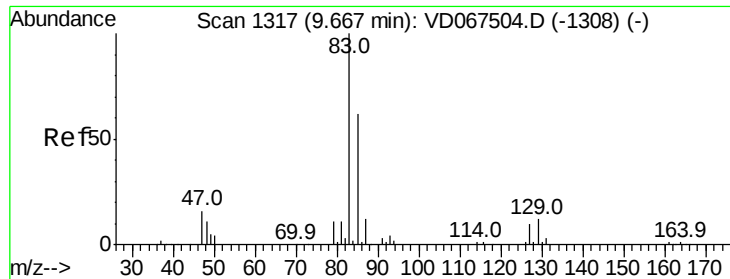


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

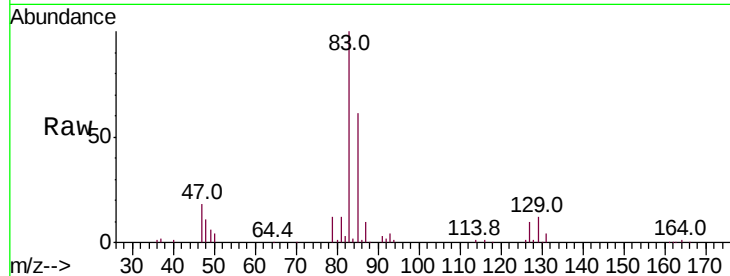




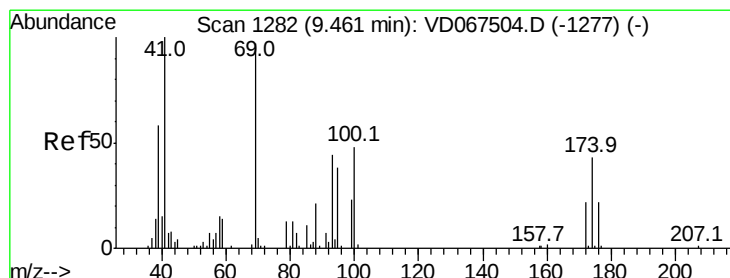
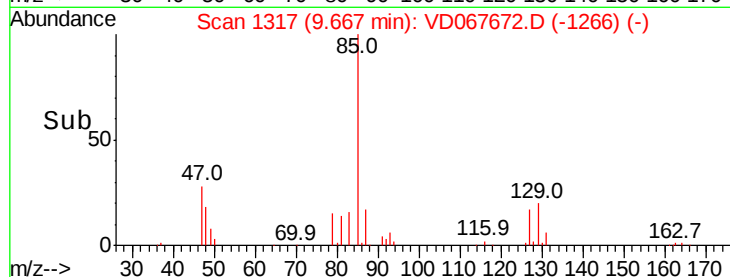
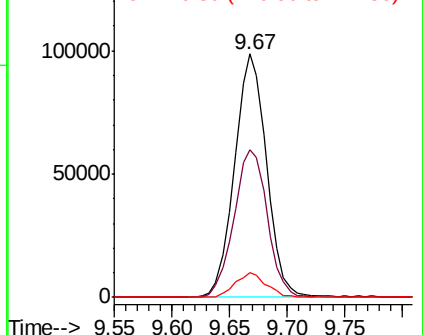
#47
Bromodichloromethane
Concen: 52.020 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 189148
Ion Ratio Lower Upper
83 100
85 60.6 49.4 74.2
127 10.1 7.7 11.5

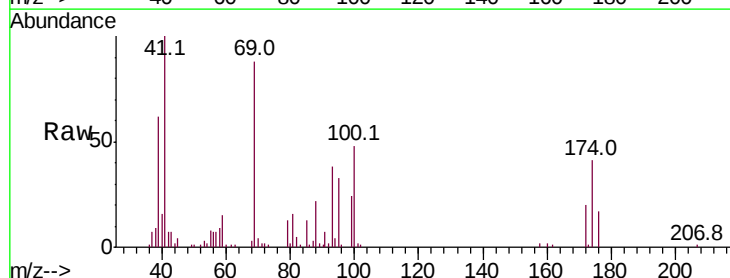


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

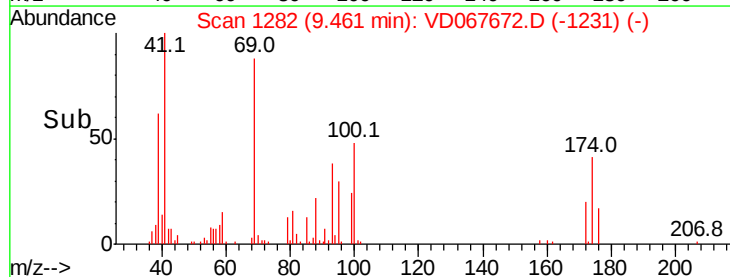
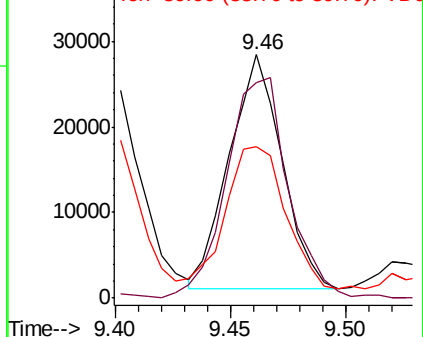


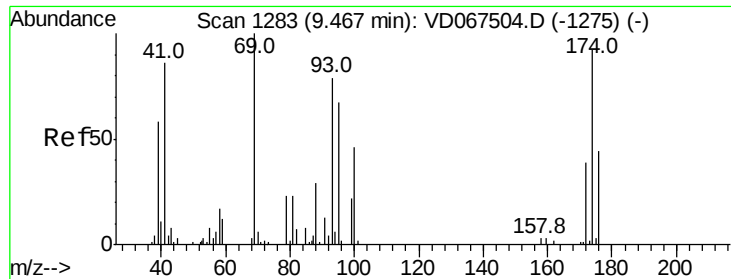
#48
Methyl methacrylate
Concen: 45.566 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 41 Resp: 43397
Ion Ratio Lower Upper
41 100
69 110.7 80.6 121.0
39 69.9 50.2 75.4



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: 980.147 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

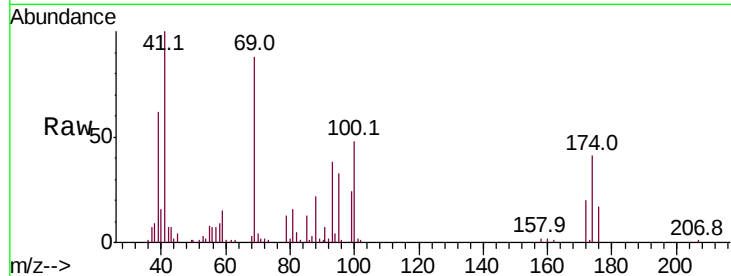
Tot Ion: 88 Resp: 13311

Ion Ratio Lower Upper

88 100

43 32.4 23.6 35.4

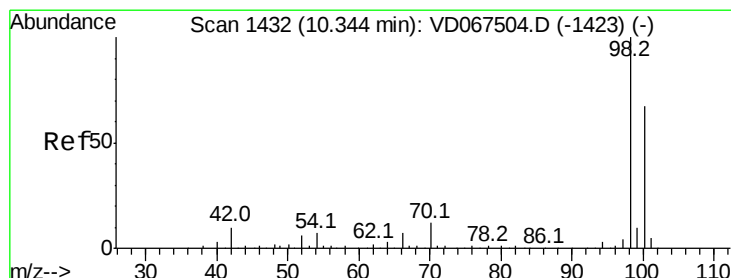
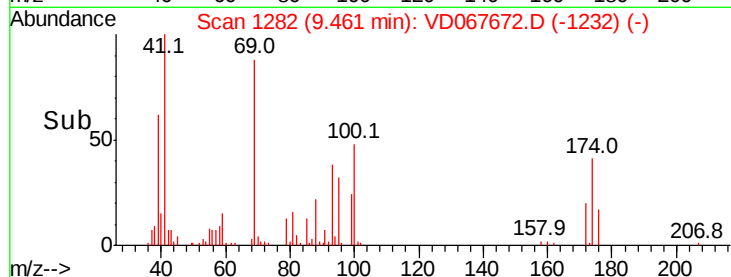
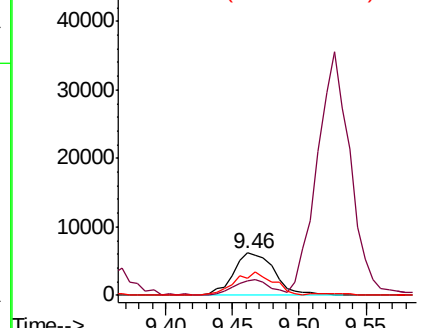
58 52.6 44.7 67.1



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: 43.766 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067672.D

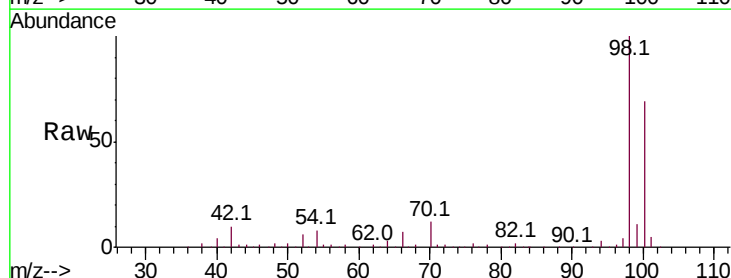
Acq: 17 Nov 2020 19:36

Tgt Ion: 98 Resp: 388920

Ion Ratio Lower Upper

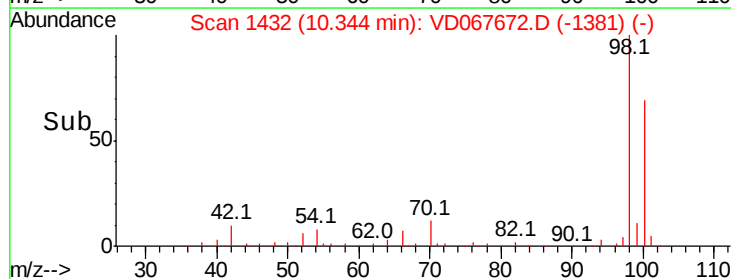
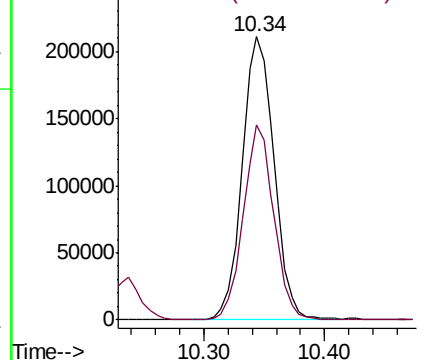
98 100

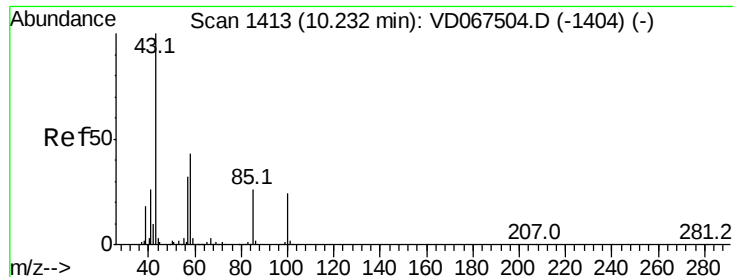
100 65.8 53.0 79.6



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: 251.377 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

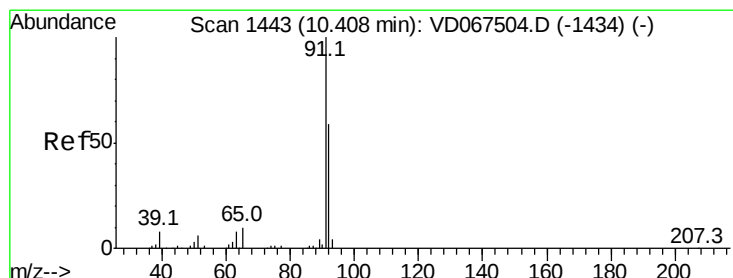
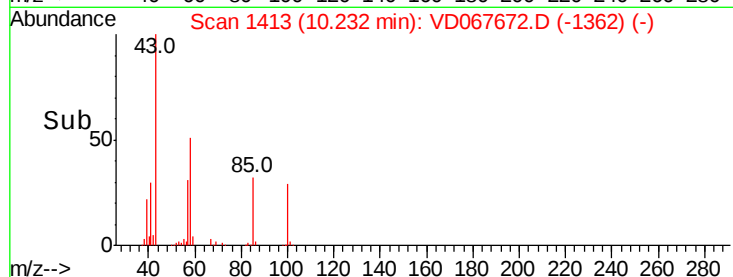
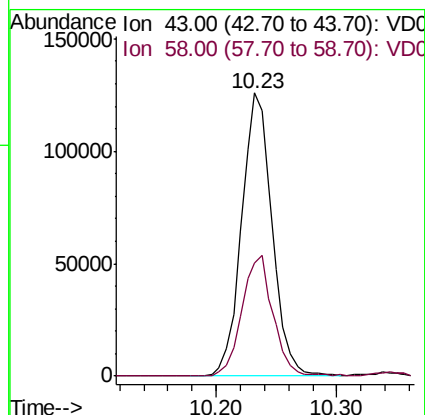
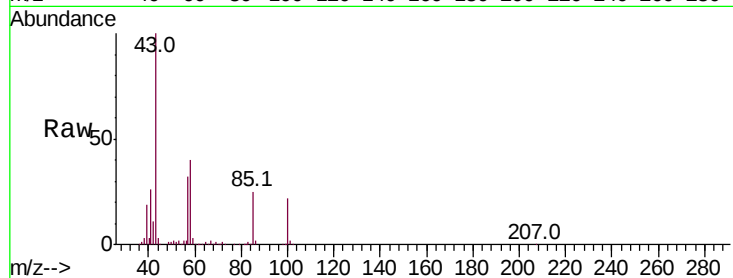
VSTDCCC050EC

Tot Ion: 43 Resp: 221757

Ion Ratio Lower Upper

43 100

58 43.4 35.6 53.4



#52

Toluene

Concen: 51.363 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067672.D

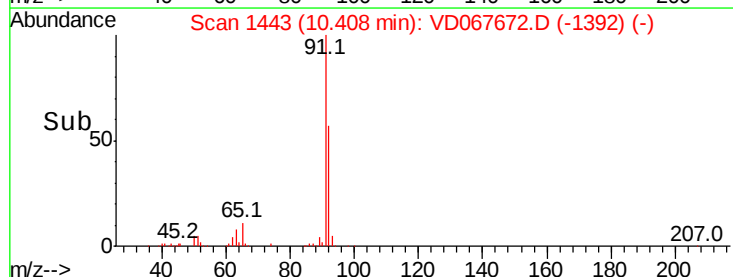
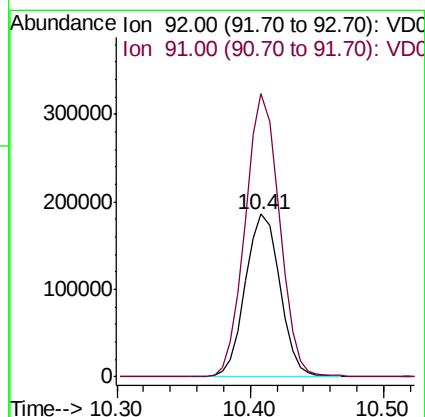
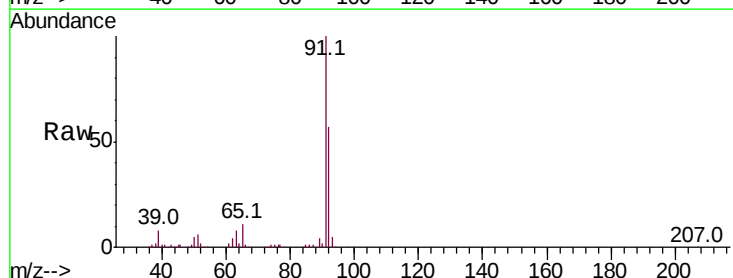
Acq: 17 Nov 2020 19:36

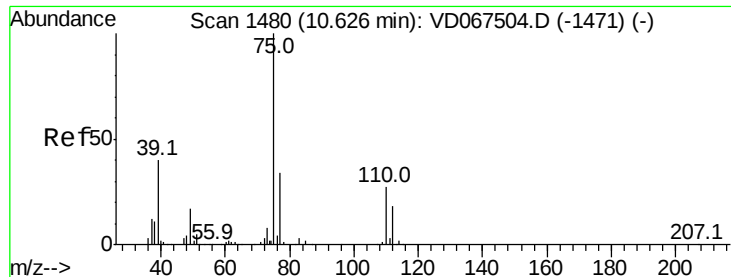
Tgt Ion: 92 Resp: 334782

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 52.001 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

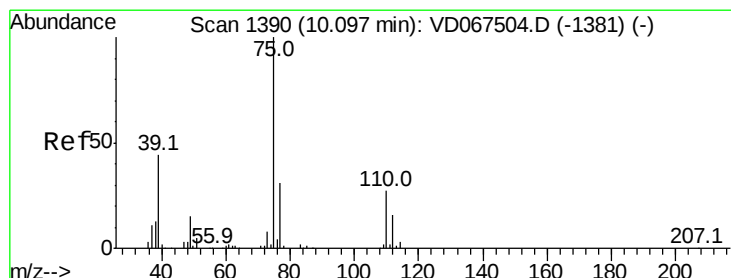
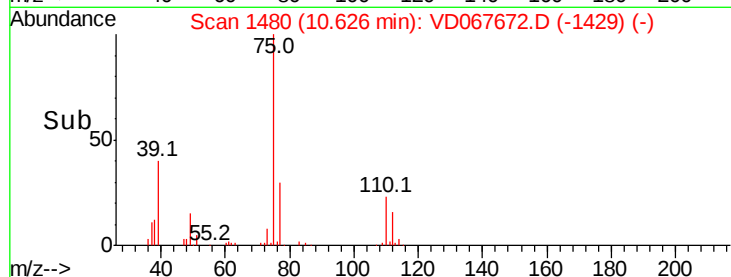
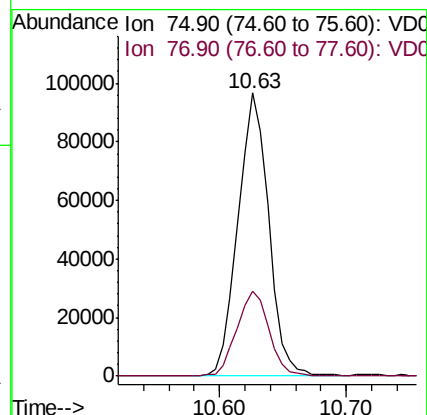
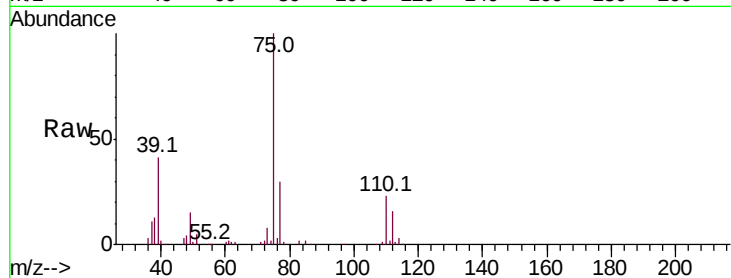
VSTDCCC050EC

Tot Ion: 75 Resp: 161939

Ion Ratio Lower Upper

75 100

77 30.2 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 51.253 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

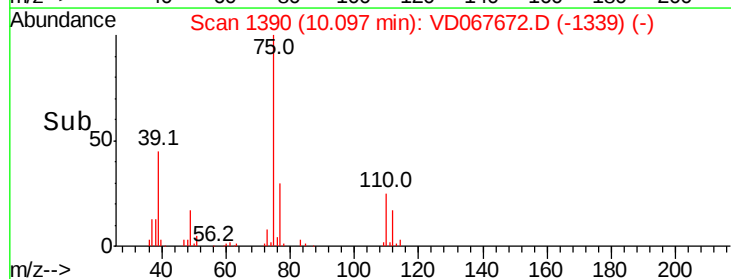
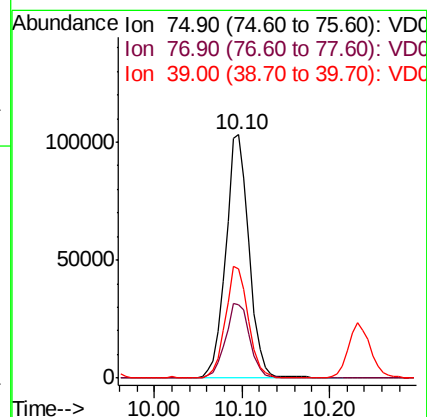
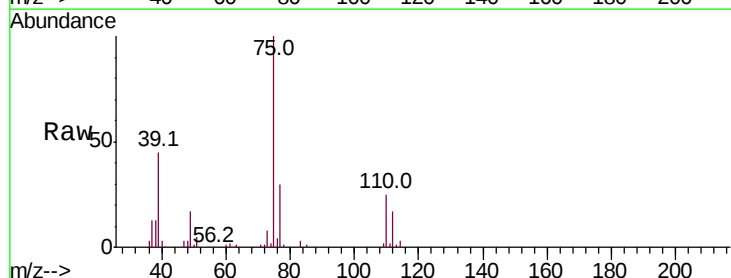
Tgt Ion: 75 Resp: 189632

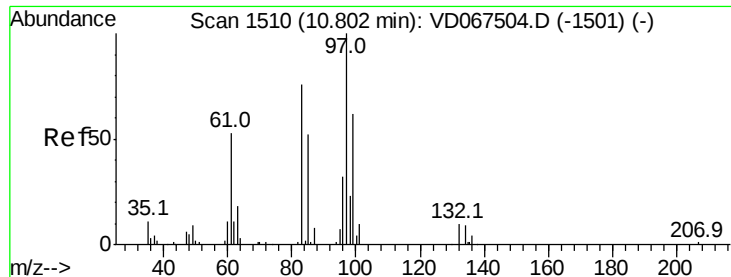
Ion Ratio Lower Upper

75 100

77 30.4 24.4 36.6

39 44.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 51.466 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 91096

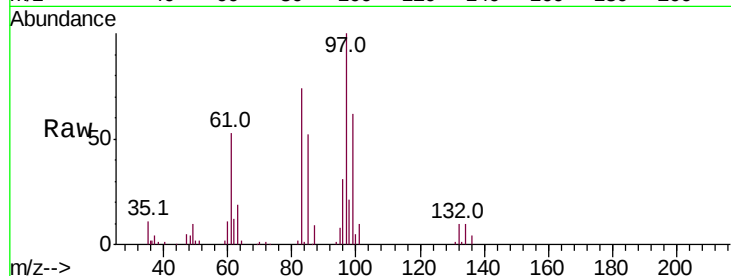
Ion Ratio Lower Upper

97 100

83 74.3 61.0 91.6

85 52.0 41.5 62.3

99 61.9 49.4 74.2

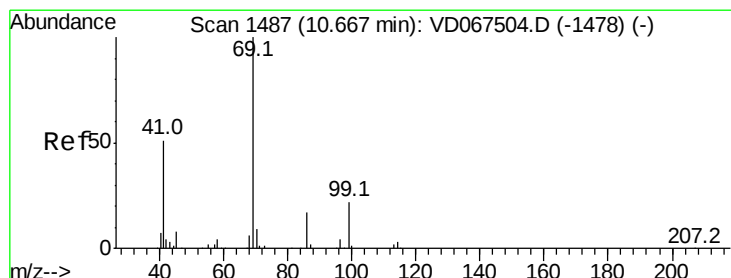
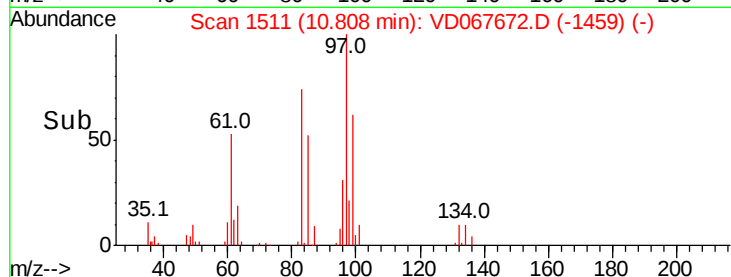
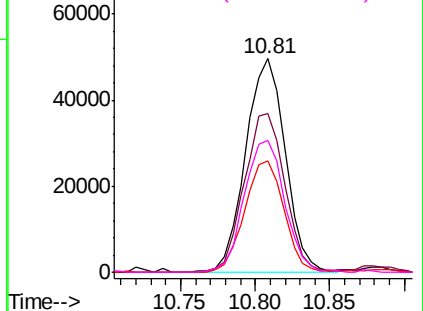


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 50.191 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

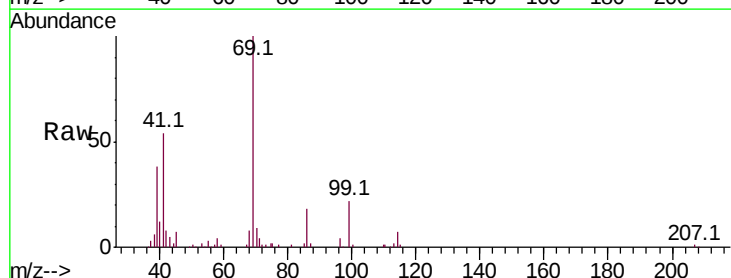
Tgt Ion: 69 Resp: 91741

Ion Ratio Lower Upper

69 100

41 54.6 45.4 68.0

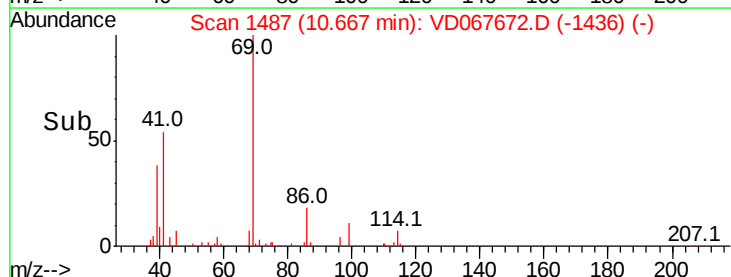
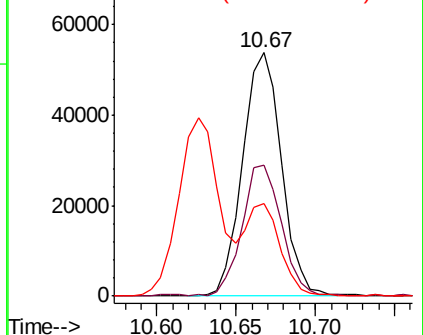
39 34.7 27.4 41.0

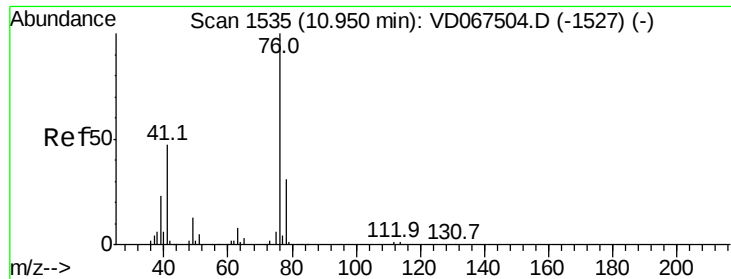


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

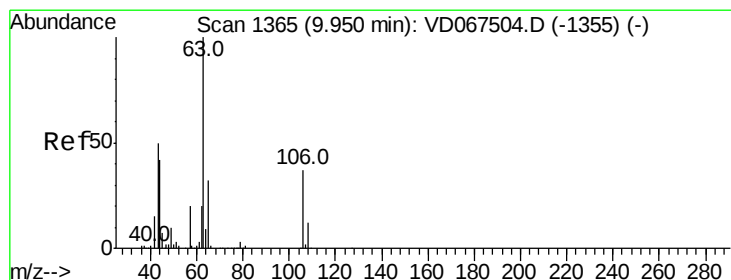
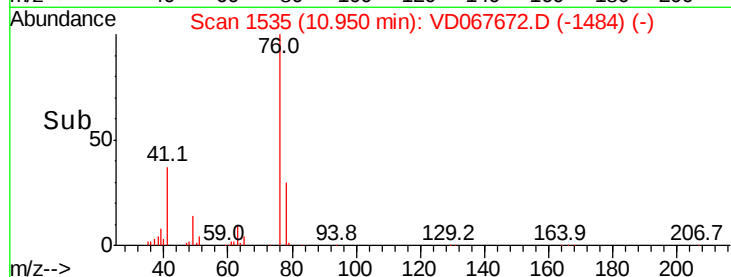
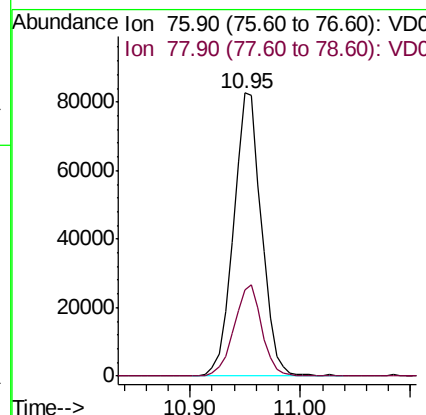
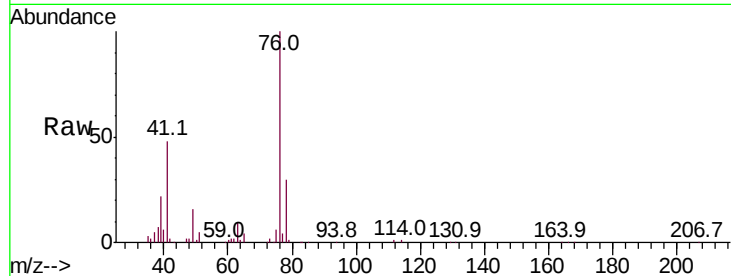




#57
 1,3-Dichloropropane
 Concen: 51.490 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

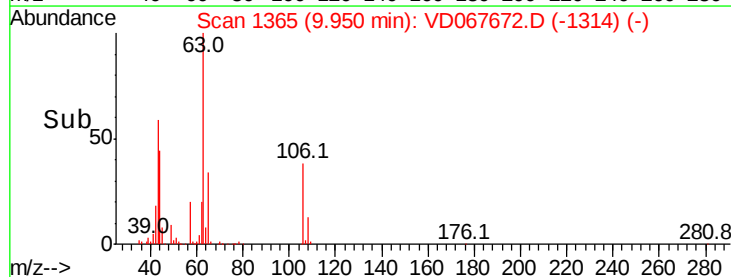
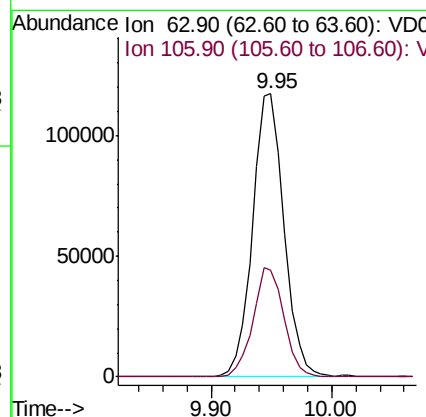
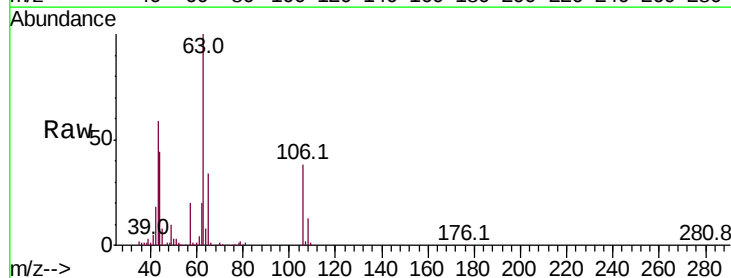
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

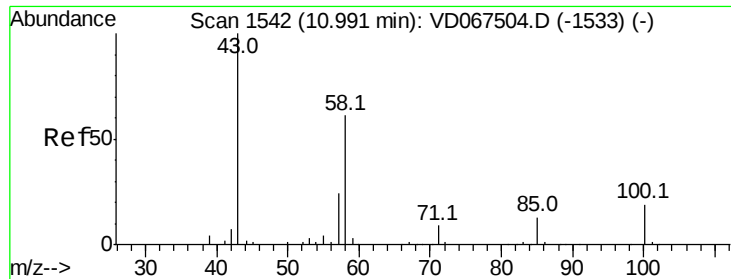
Tot Ion: 76 Resp: 146659
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.752 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 63 Resp: 212884
 Ion Ratio Lower Upper
 63 100
 106 37.9 29.2 43.8

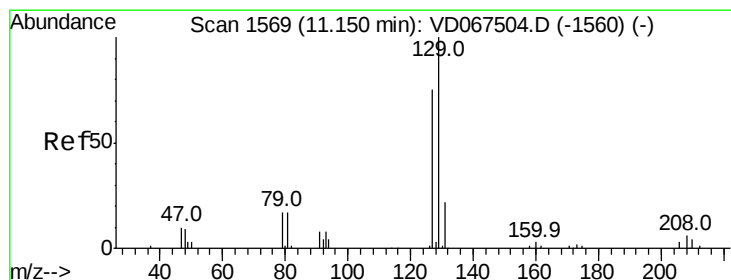
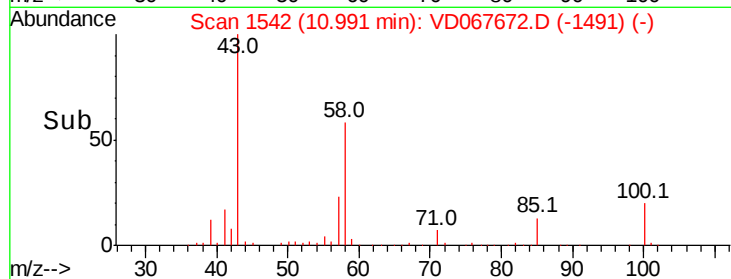
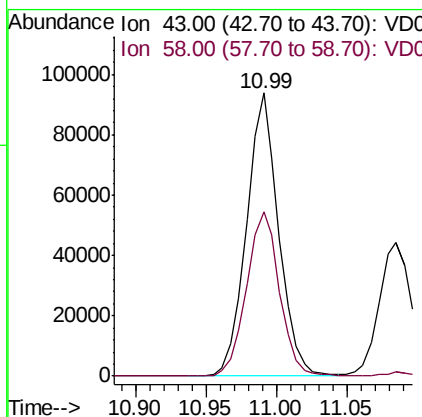
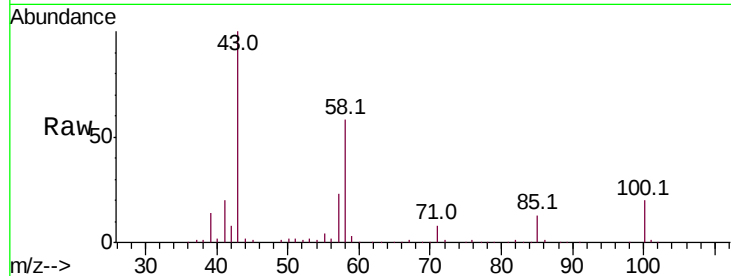




#59
2-Hexanone
Concen: 242.589 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

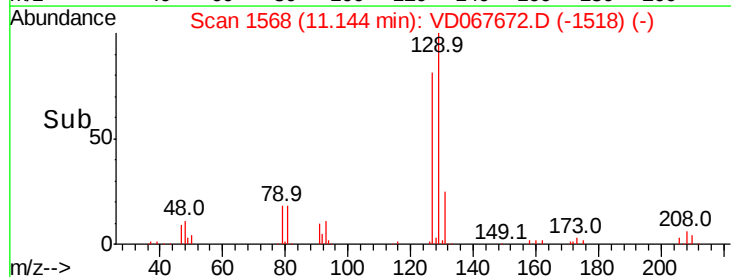
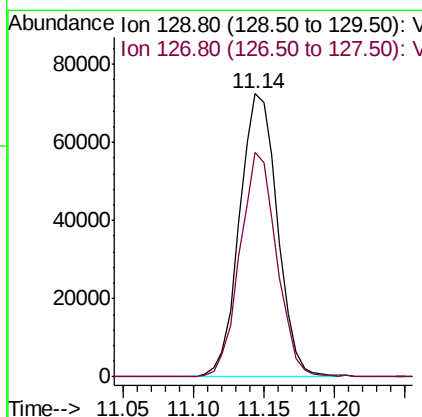
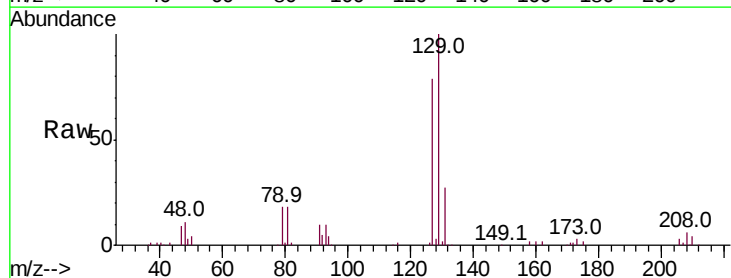
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

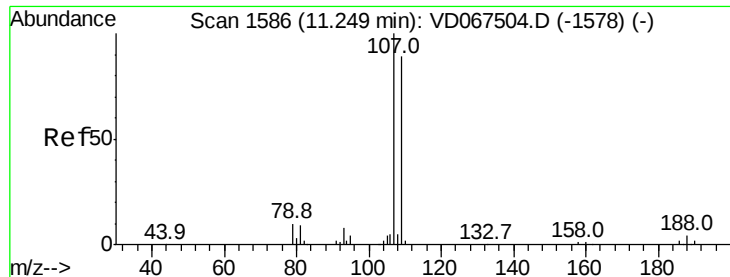
Tot Ion: 43 Resp: 149632
Ion Ratio Lower Upper
43 100
58 59.8 30.3 90.9



#60
Dibromochloromethane
Concen: 52.095 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 129 Resp: 136404
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1

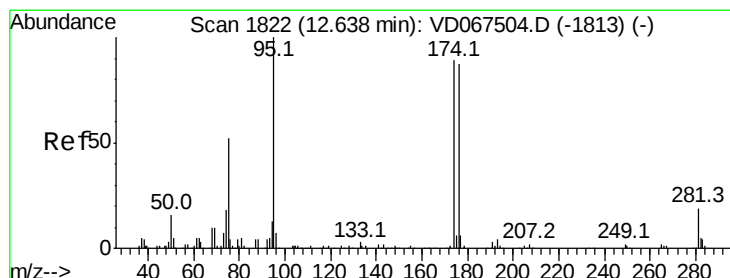
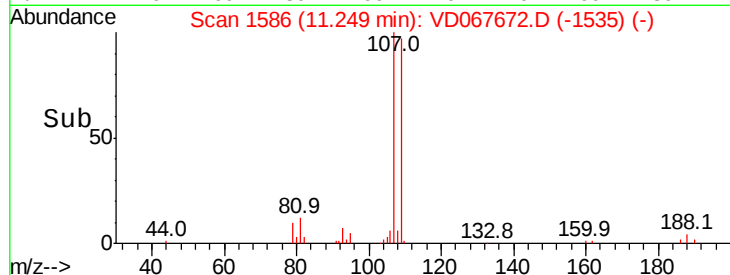
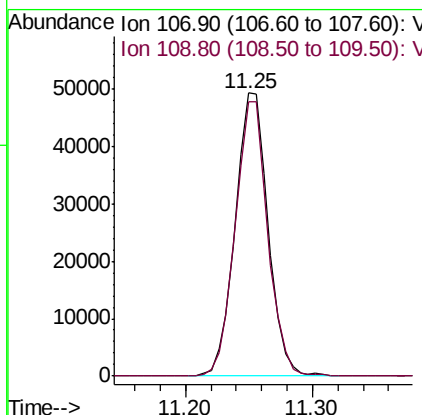
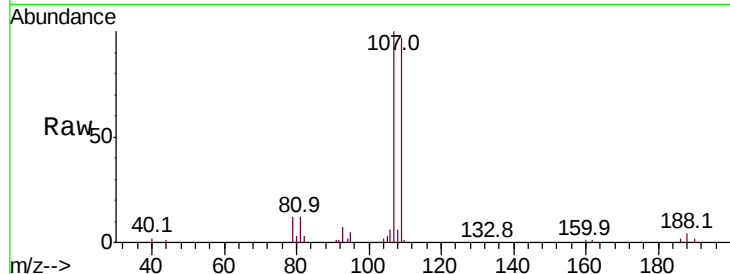




#61
 1,2-Dibromoethane
 Concen: 49.654 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

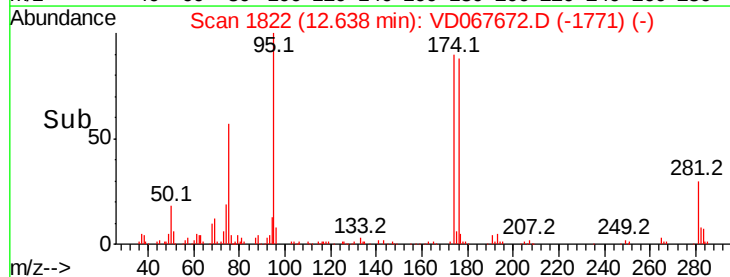
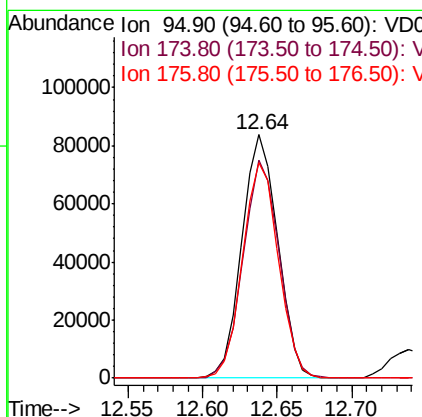
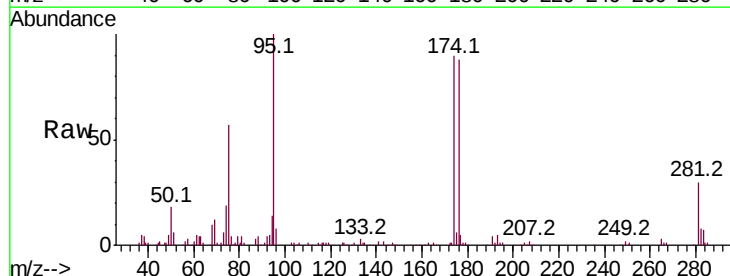
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

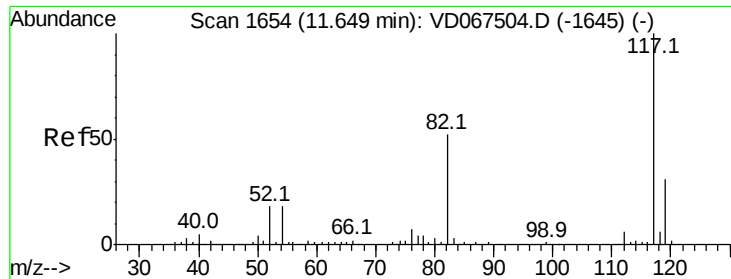
Tot Ion:107 Resp: 88209
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 45.540 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 95 Resp: 139715
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 177.8
 176 88.3 0.0 172.0

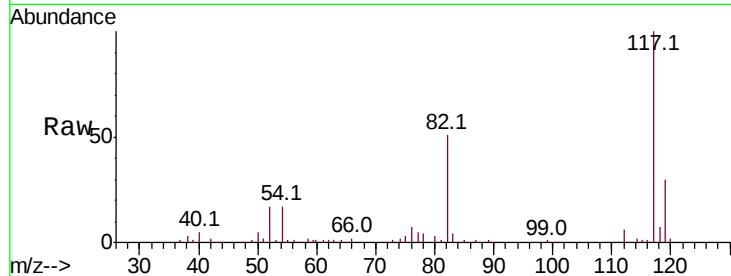




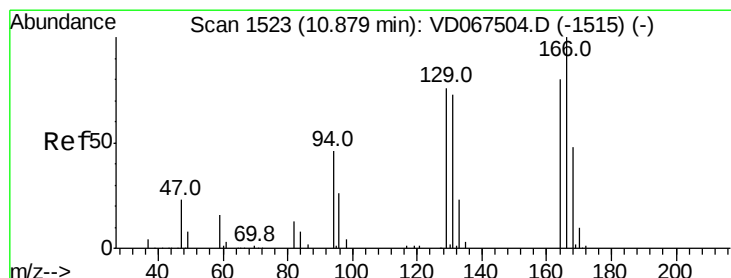
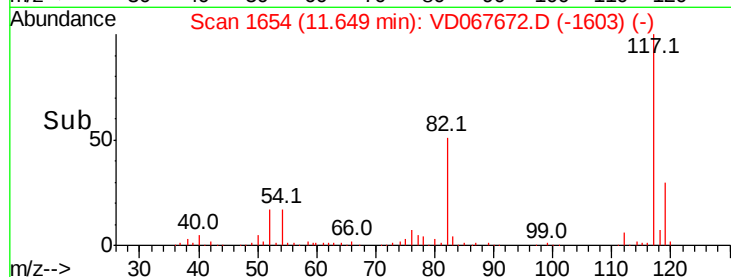
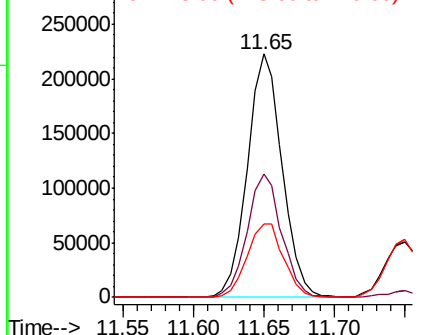
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 384403
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 30.4 25.1 37.7



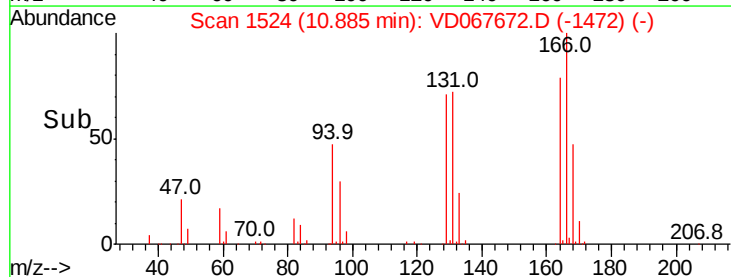
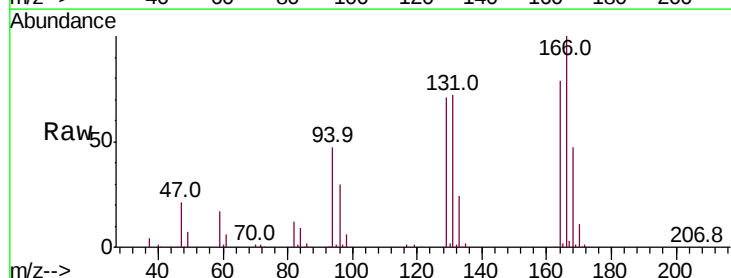
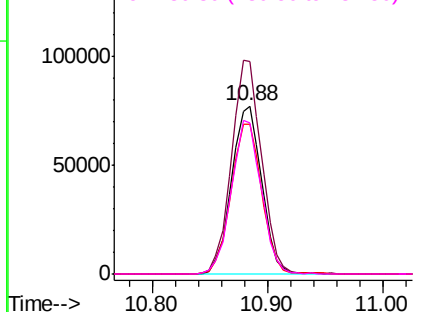
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

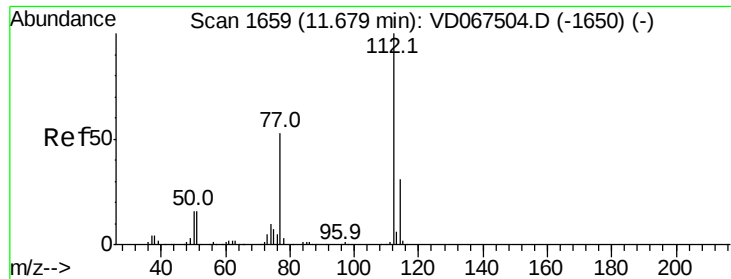


#64
Tetrachloroethene
Concen: 48.954 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:164 Resp: 139365
Ion Ratio Lower Upper
164 100
166 126.3 99.9 149.9
129 89.3 75.5 113.3
131 90.3 73.4 110.0

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

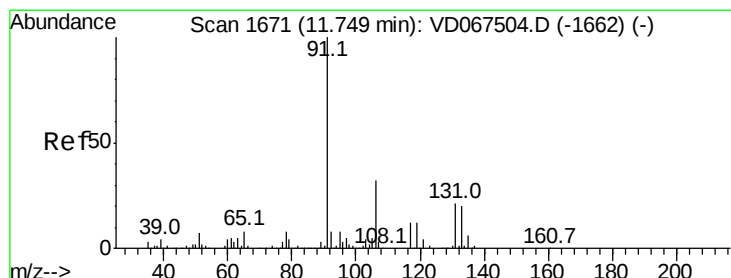
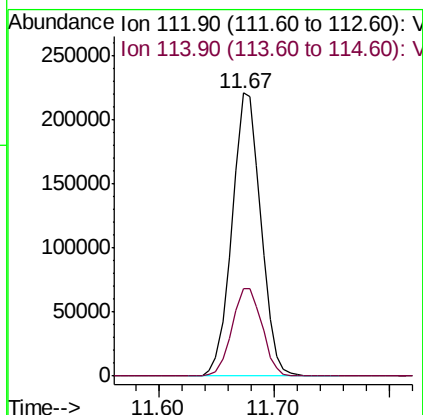
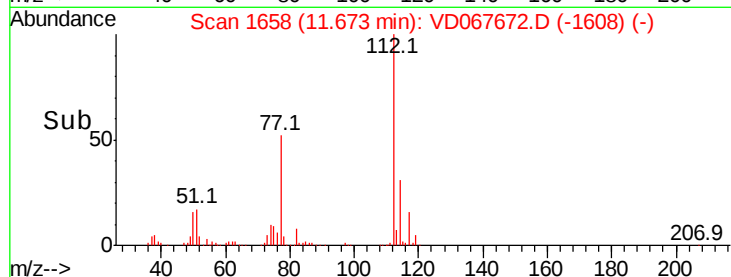
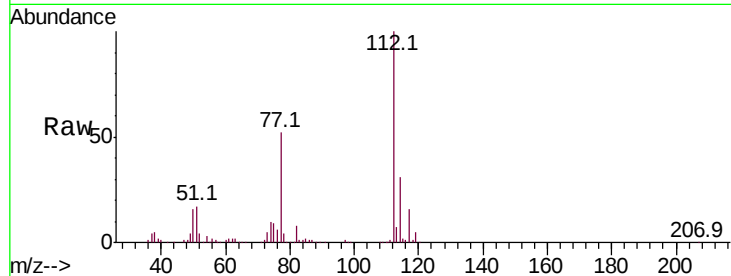




#65
Chlorobenzene
Concen: 51.552 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

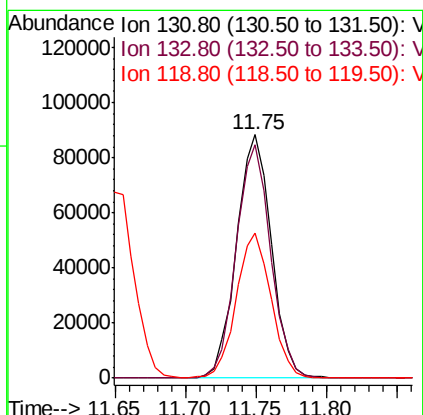
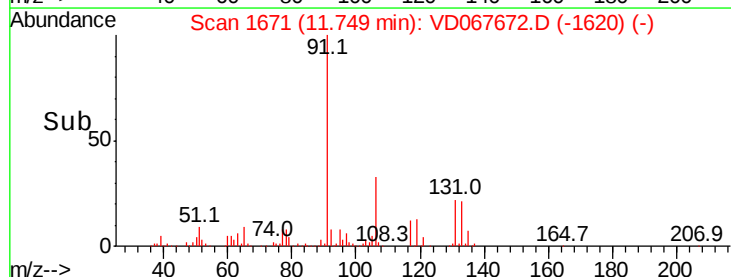
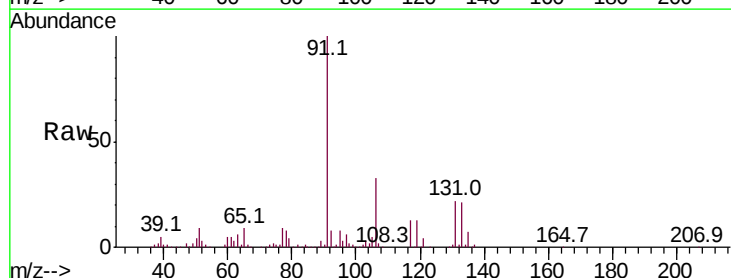
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

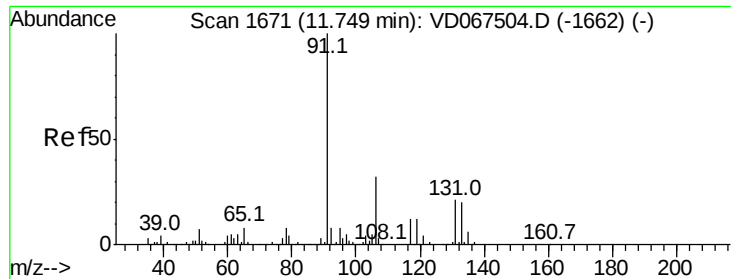
Tot Ion:112 Resp: 381721
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.247 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:131 Resp: 152478
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 59.6 30.1 90.5





#67

Ethyl Benzene

Concen: 51.511 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

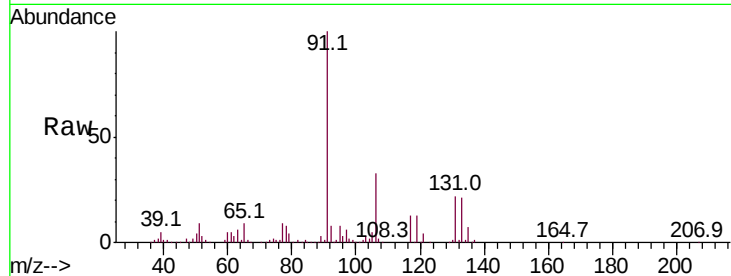
VSTDCCC050EC

Tot Ion: 91 Resp: 652682

Ion Ratio Lower Upper

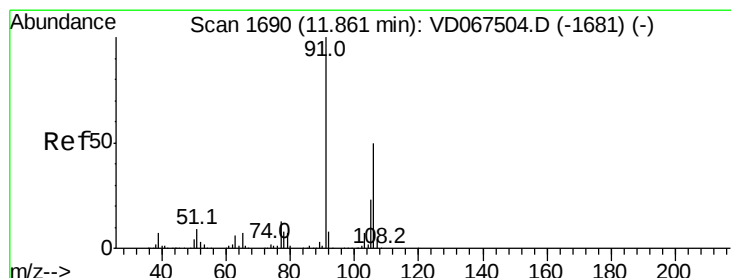
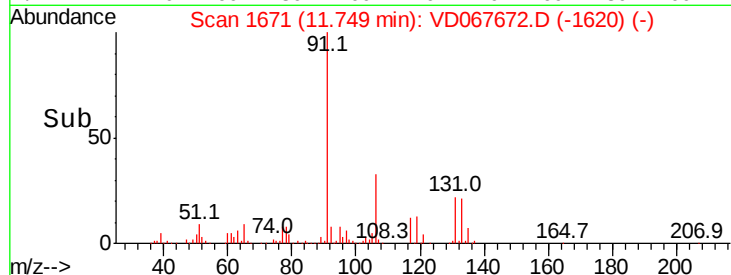
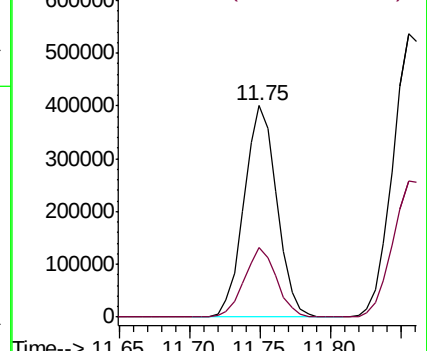
91 100

106 33.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.994 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067672.D

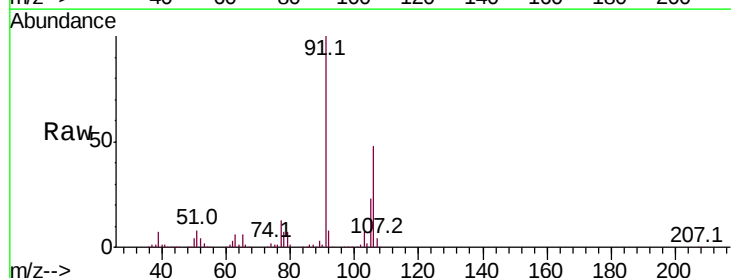
Acq: 17 Nov 2020 19:36

Tgt Ion: 106 Resp: 507708

Ion Ratio Lower Upper

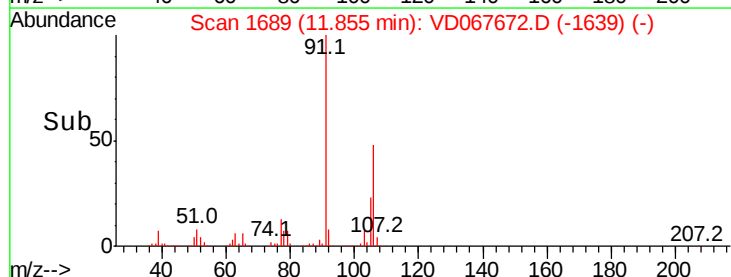
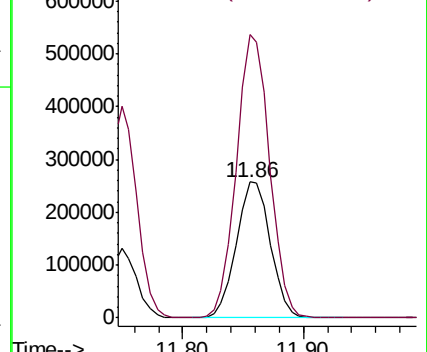
106 100

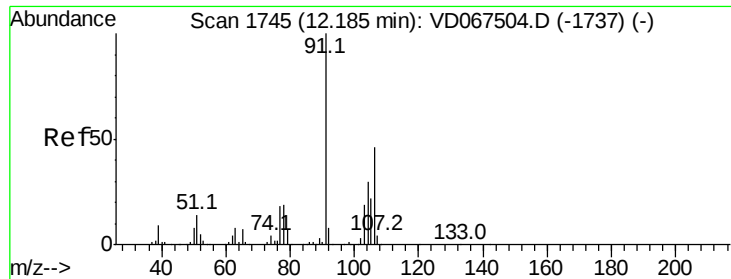
91 202.8 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

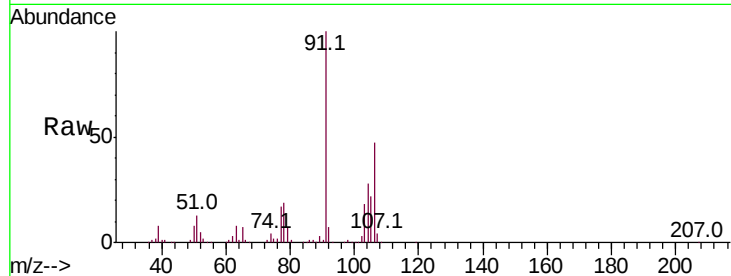




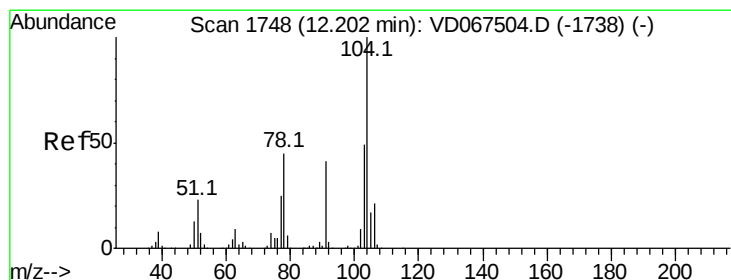
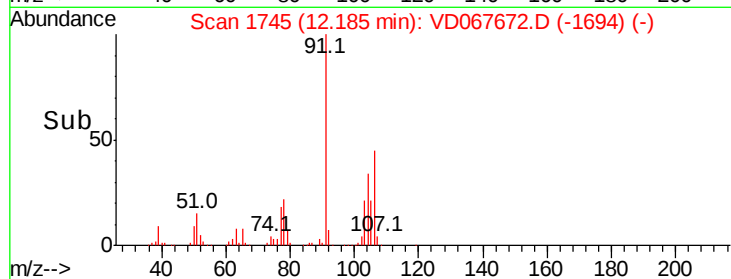
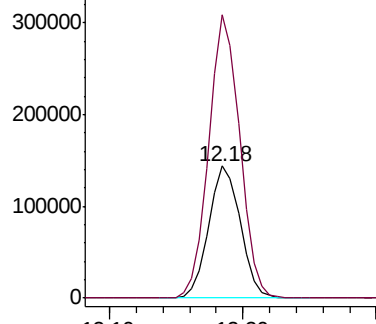
#69
o-Xylene
Concen: 53.653 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 236138
Ion Ratio Lower Upper
106 100
91 210.2 107.1 321.1

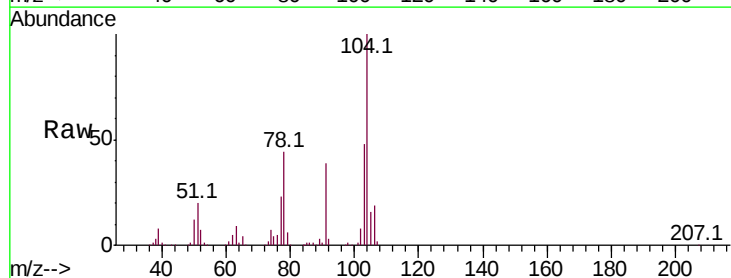


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

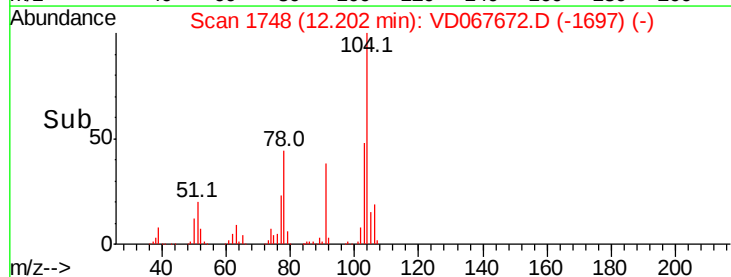
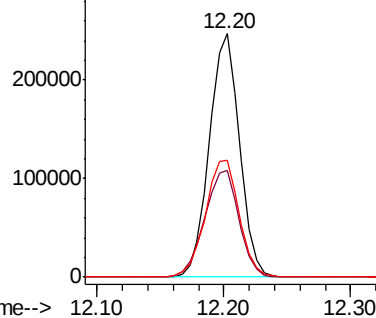


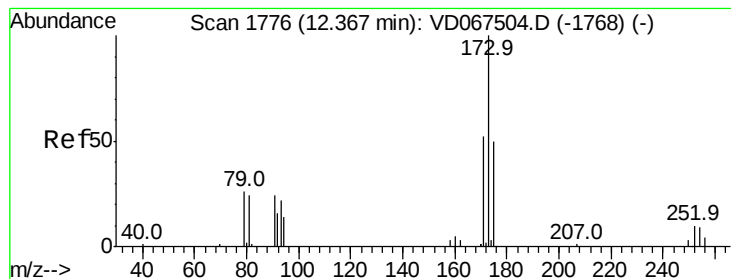
#70
Styrene
Concen: 53.169 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:104 Resp: 407758
Ion Ratio Lower Upper
104 100
78 49.5 39.8 59.8
103 53.6 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.627 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

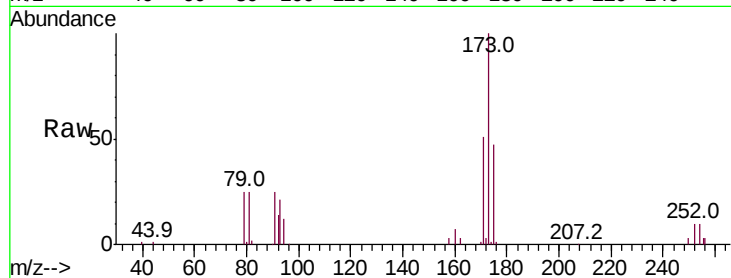
Tot Ion:173 Resp: 75354

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.2

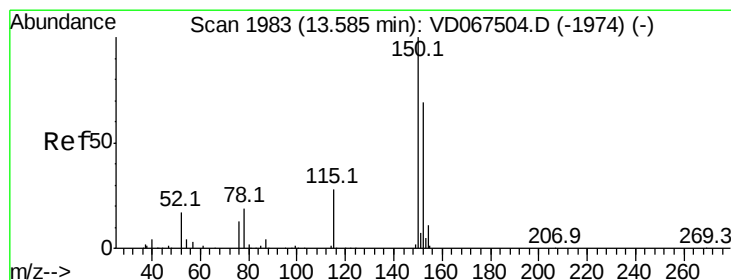
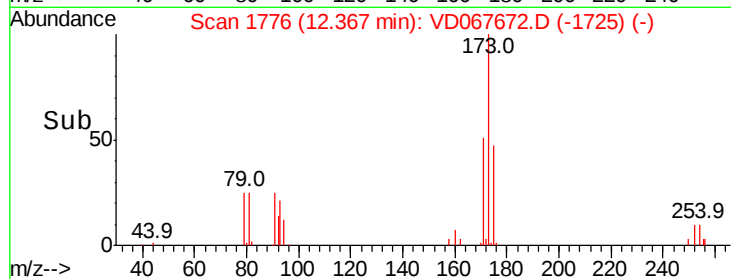
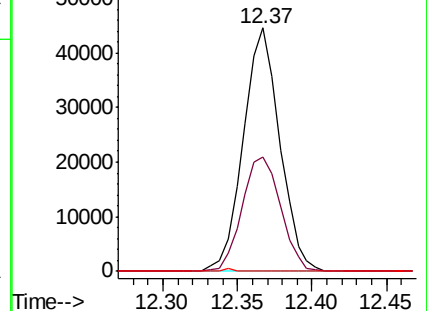
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

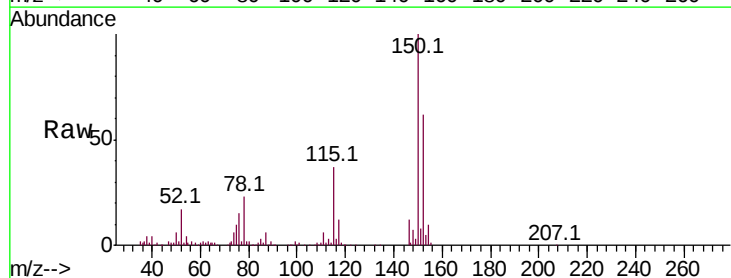
Tgt Ion:152 Resp: 190513

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

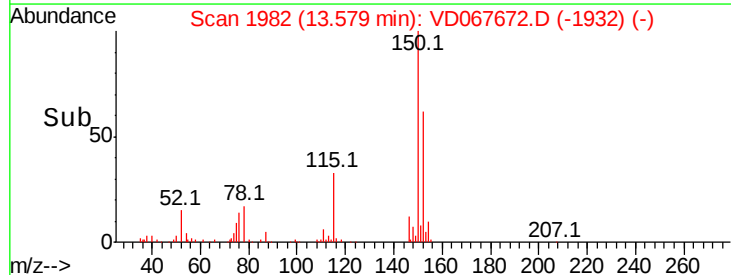
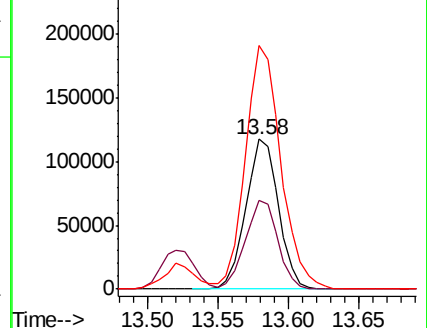
150 176.7 0.0 338.2

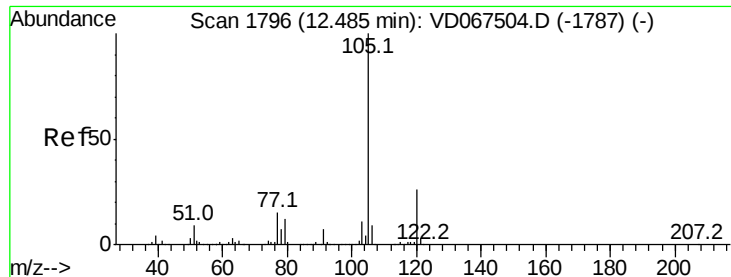


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.402 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

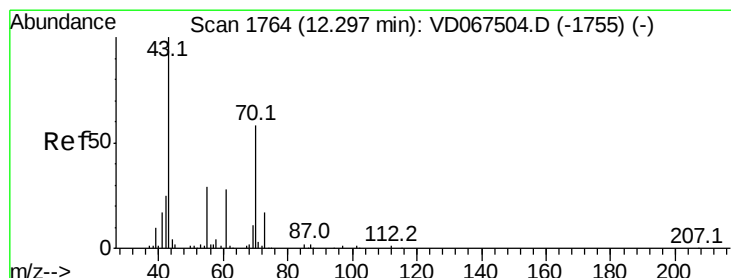
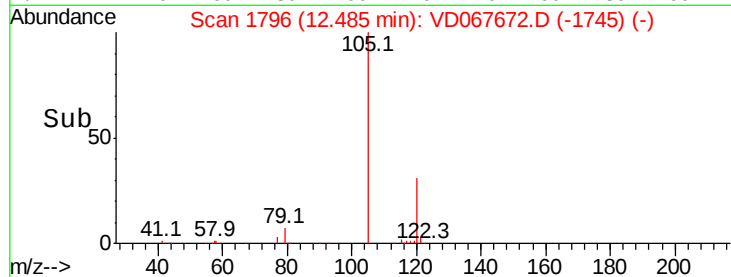
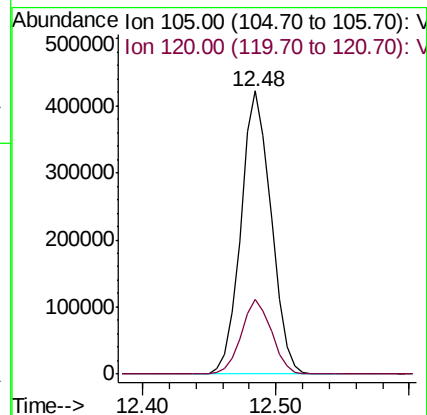
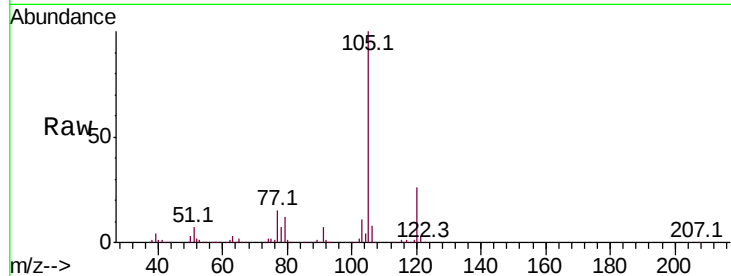
VSTDCCC050EC

Tot Ion:105 Resp: 657517

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 48.559 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion: 43 Resp: 78672

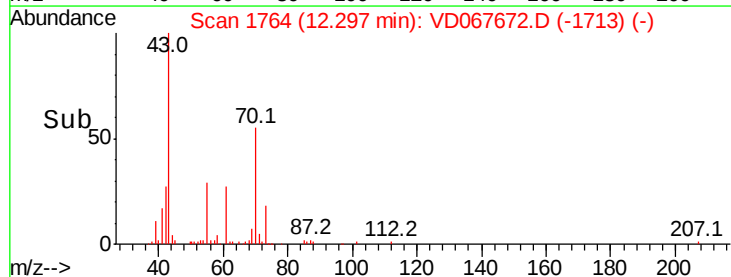
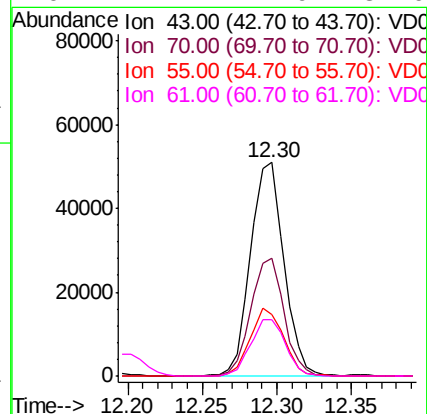
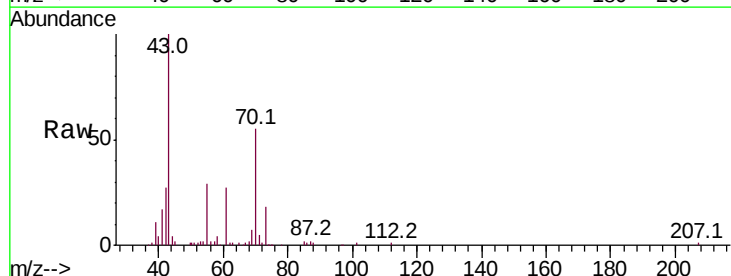
Ion Ratio Lower Upper

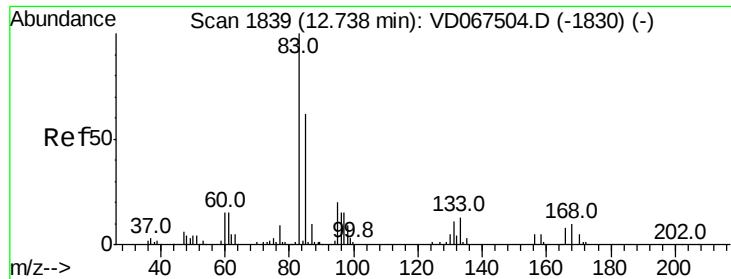
43 100

70 55.0 42.6 64.0

55 31.6 23.7 35.5

61 27.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.153 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

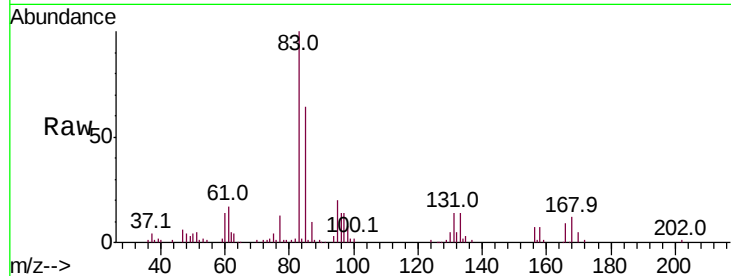
Tot Ion: 83 Resp: 82526

Ion Ratio Lower Upper

83 100

131 14.1 7.1 21.3

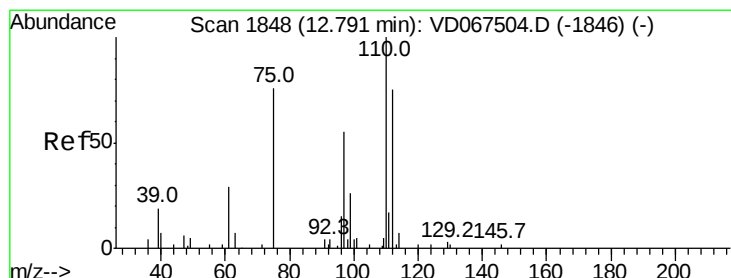
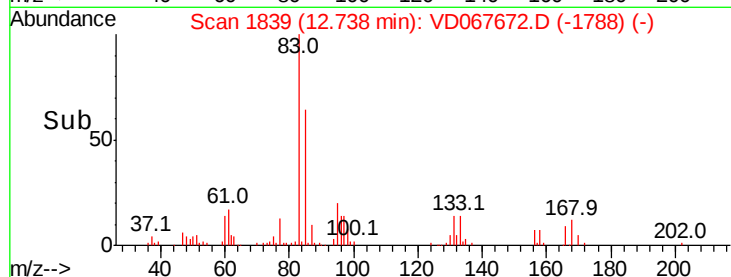
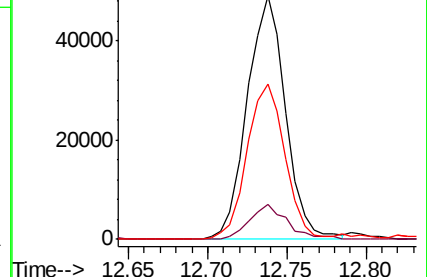
85 63.4 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 104.265 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067672.D

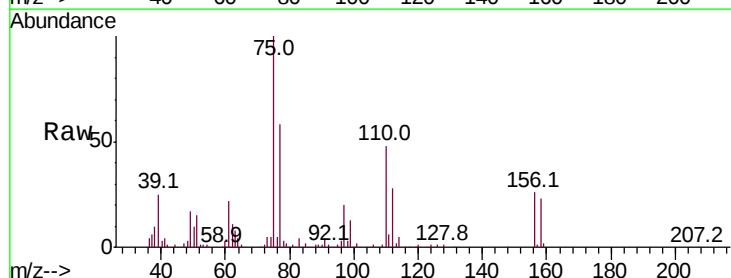
Acq: 17 Nov 2020 19:36

Tgt Ion: 75 Resp: 119830

Ion Ratio Lower Upper

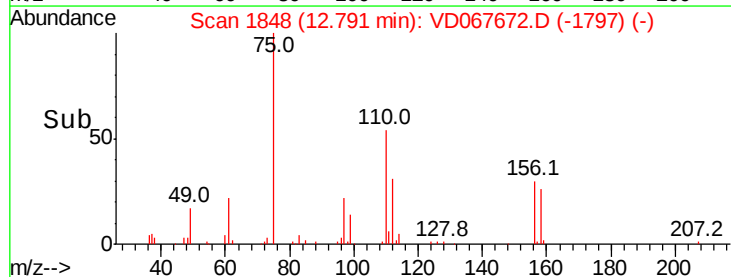
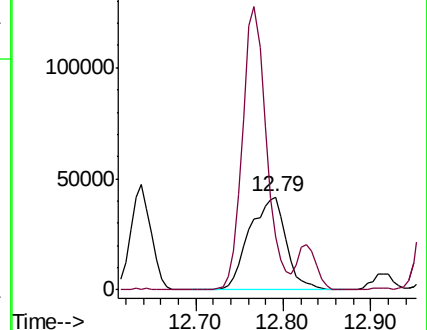
75 100

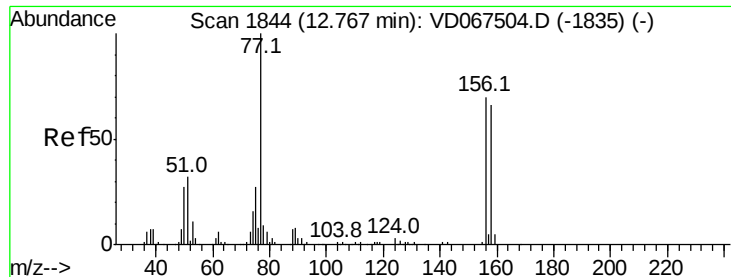
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.216 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

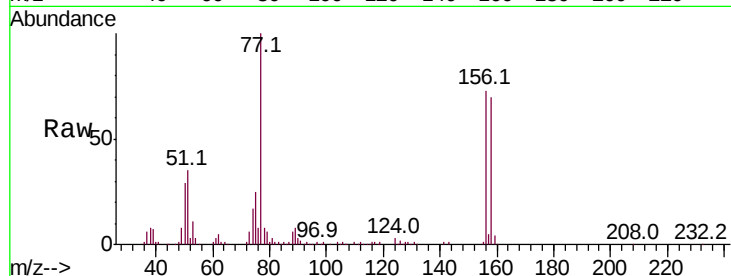
Tot Ion:156 Resp: 157890

Ion Ratio Lower Upper

156 100

77 149.6 77.8 233.5

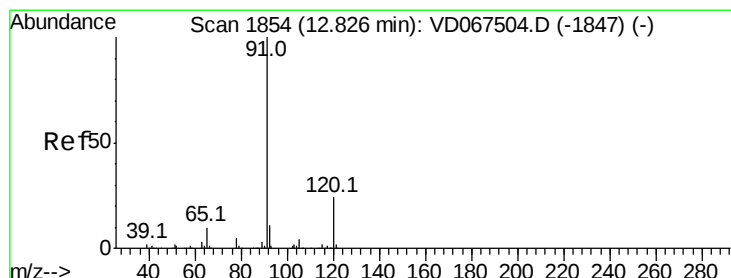
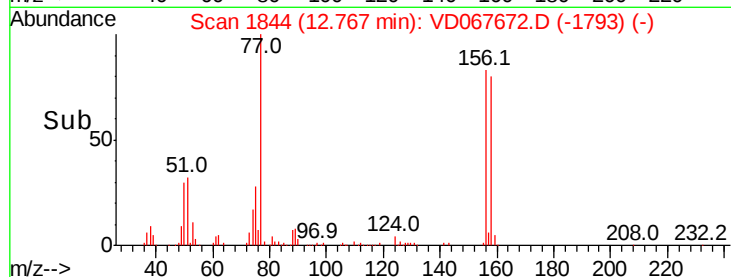
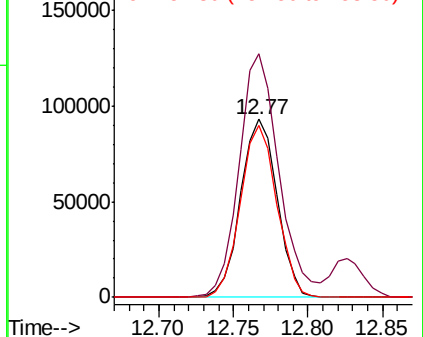
158 96.2 47.9 143.7



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: 52.306 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067672.D

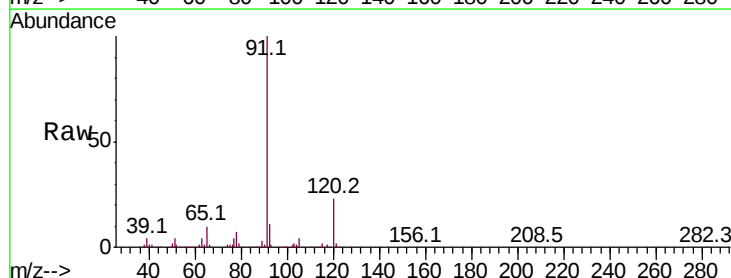
Acq: 17 Nov 2020 19:36

Tgt Ion: 91 Resp: 736642

Ion Ratio Lower Upper

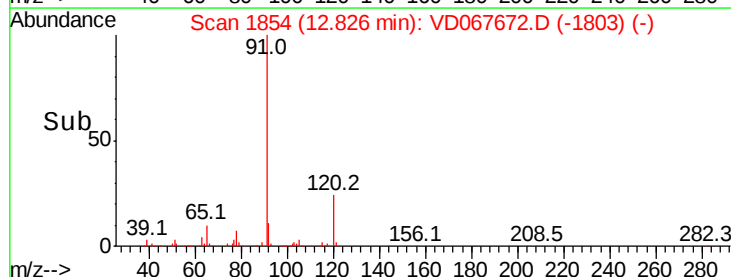
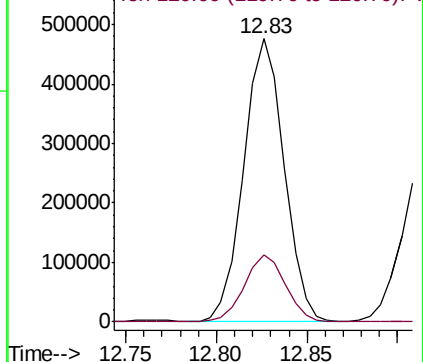
91 100

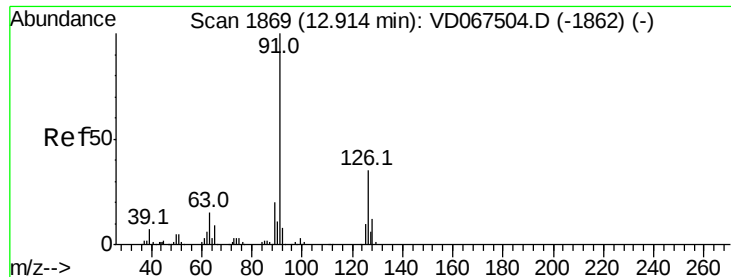
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.269 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

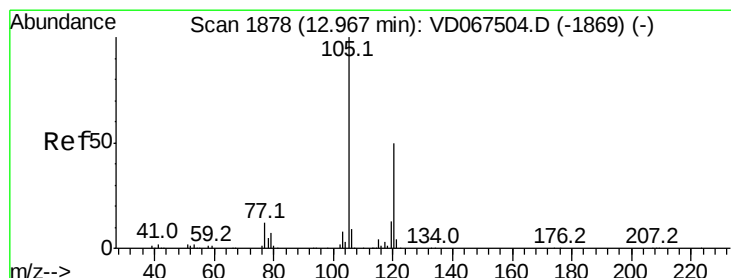
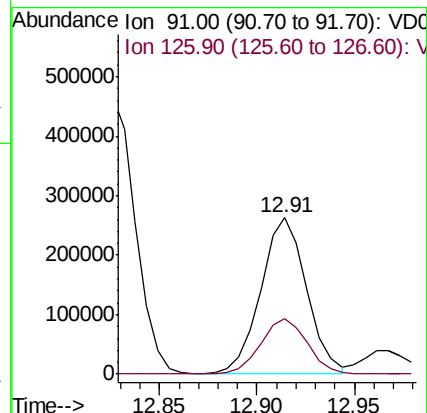
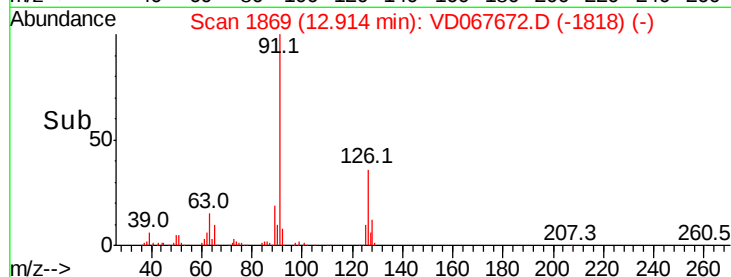
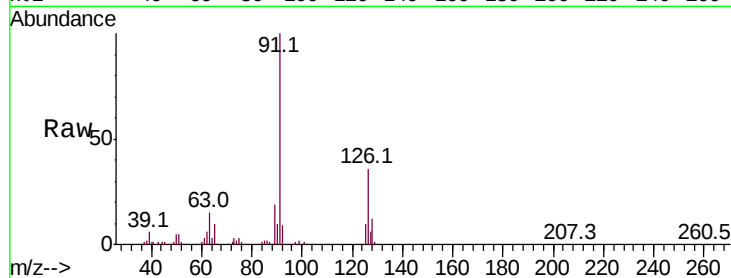
VSTDCCC050EC

Tot Ion: 91 Resp: 426150

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.709 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067672.D

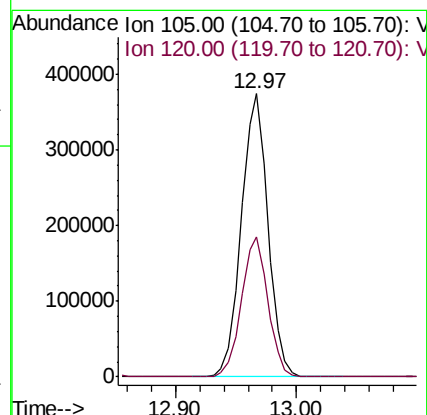
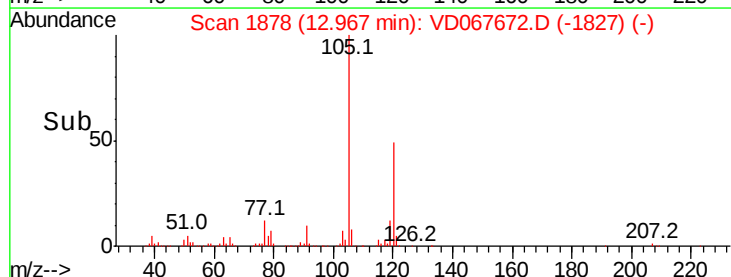
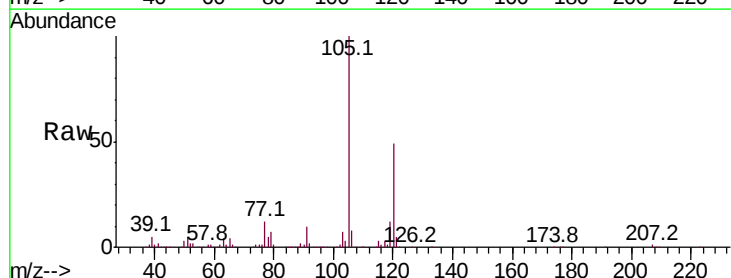
Acq: 17 Nov 2020 19:36

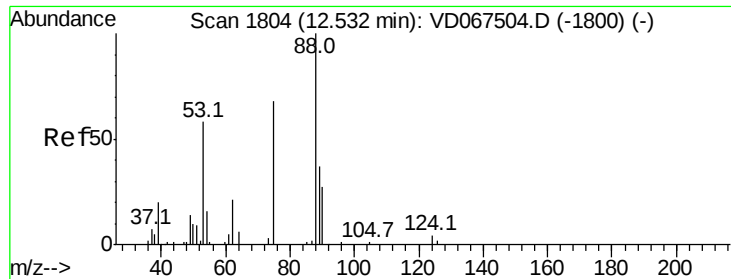
Tgt Ion:105 Resp: 575422

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

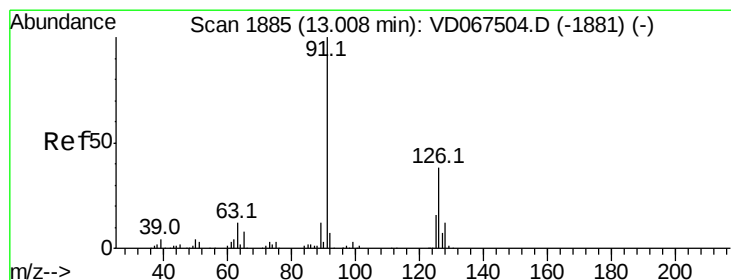
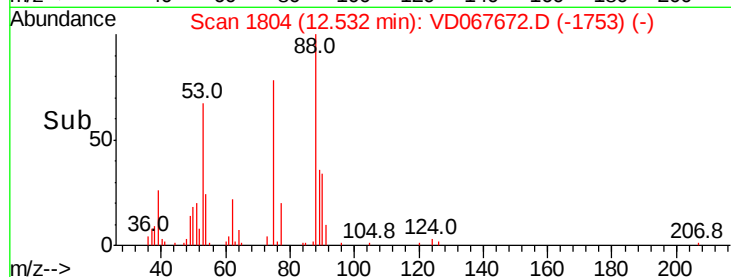
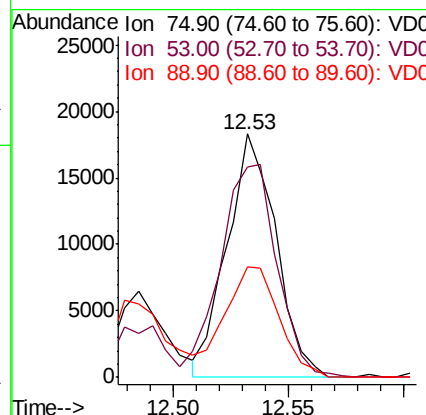
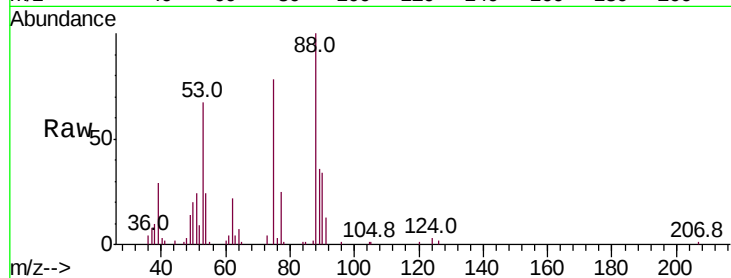




#81
trans-1,4-Dichloro-2-butene
Concen: 47.720 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

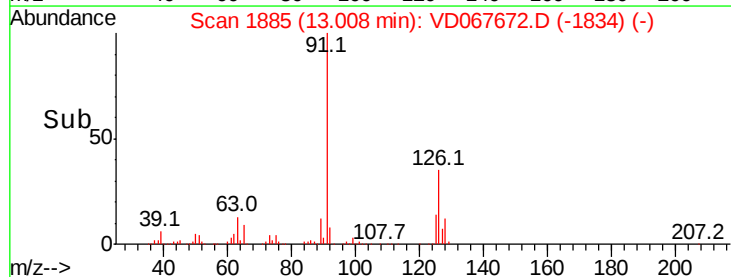
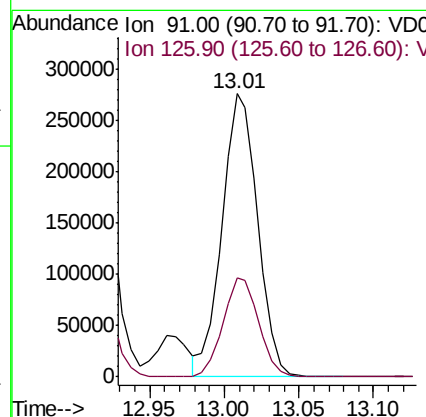
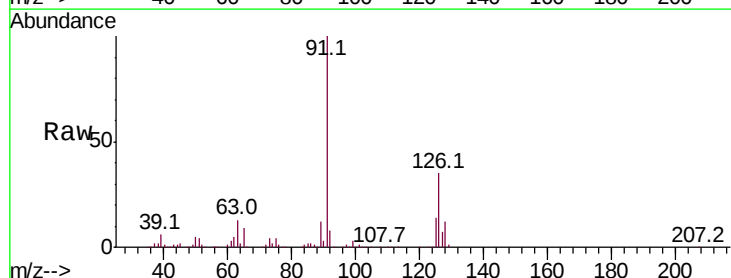
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

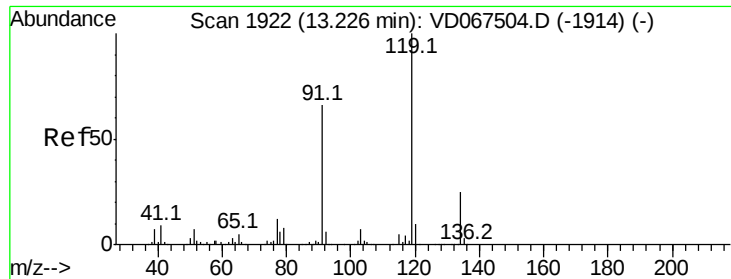
Tot Ion: 75 Resp: 27013
Ion Ratio Lower Upper
75 100
53 100.8 75.9 113.9
89 50.7 44.6 67.0



#82
4-Chlorotoluene
Concen: 53.593 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 91 Resp: 459834
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.7

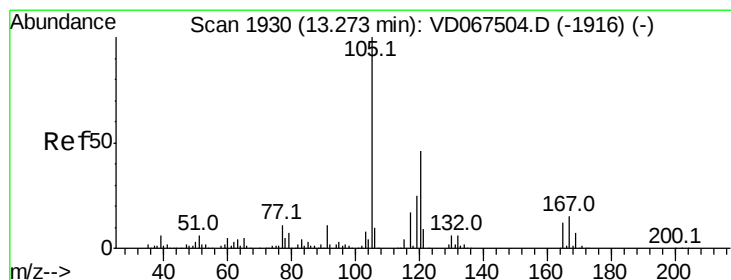
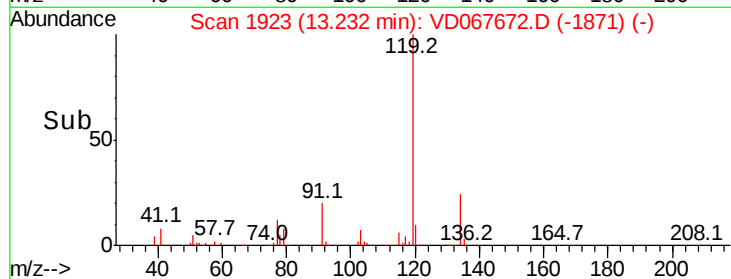
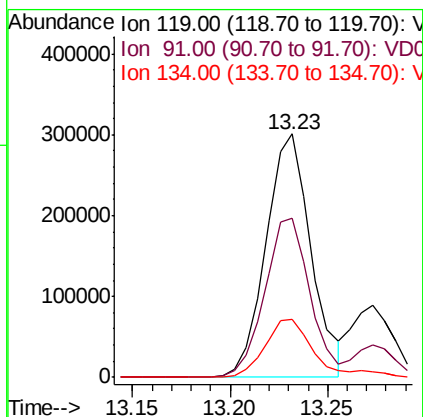
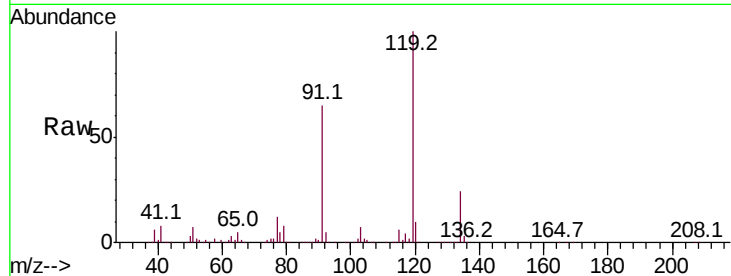




#83
tert-Butylbenzene
Concen: 54.156 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

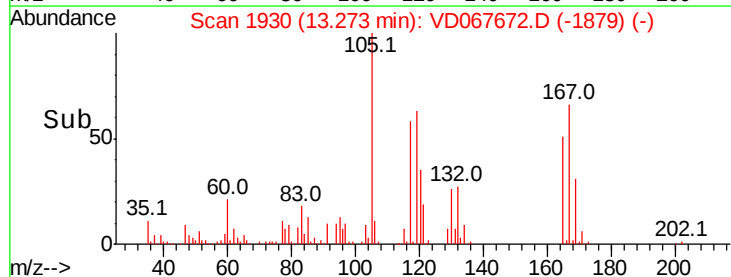
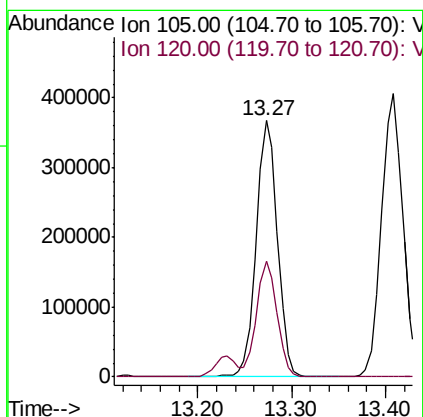
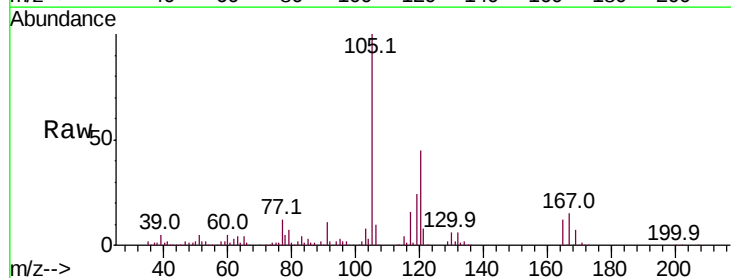
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

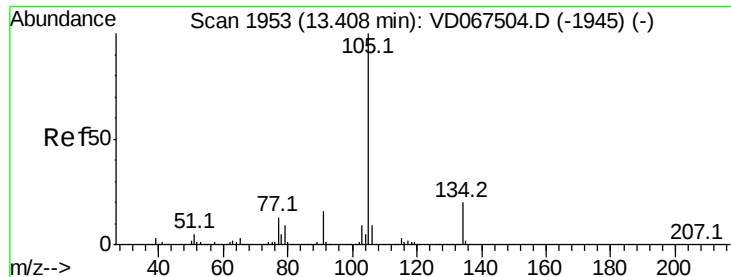
Tot Ion:119 Resp: 482749
Ion Ratio Lower Upper
119 100
91 65.3 32.7 98.1
134 26.4 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 54.831 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:105 Resp: 574063
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 53.077 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

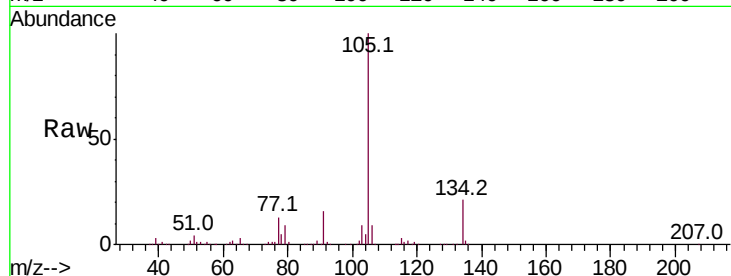
VSTDCCC050EC

Tot Ion:105 Resp: 638710

Ion Ratio Lower Upper

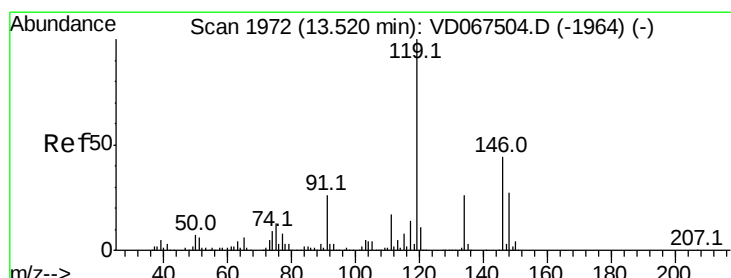
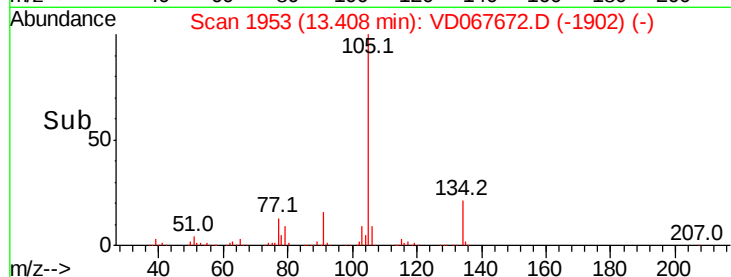
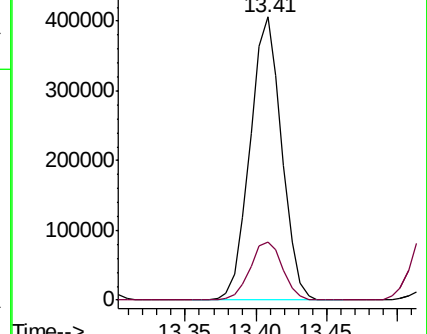
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

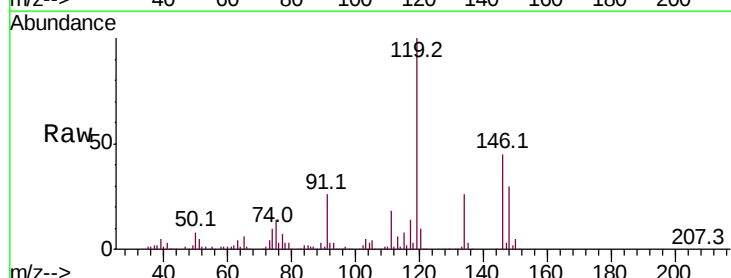
Tgt Ion:119 Resp: 613740

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

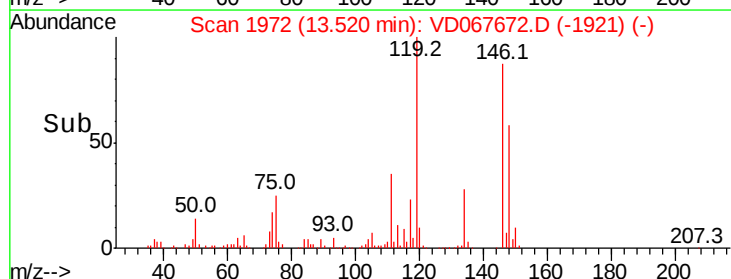
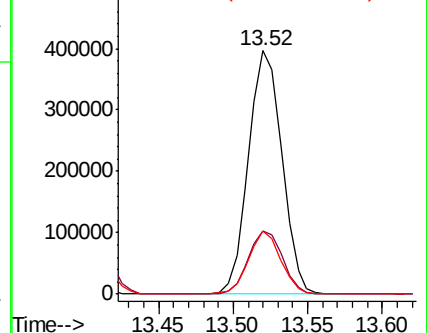
91 24.9 12.2 36.4

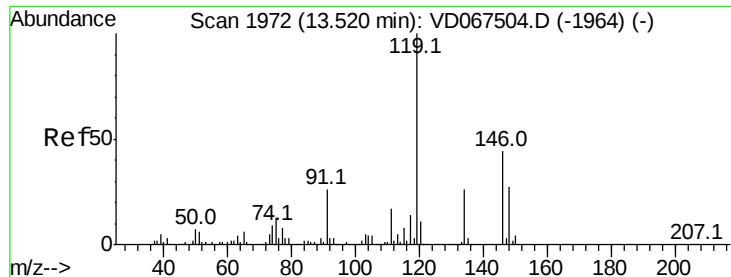


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.221 ug/l

RT: 13.52 min Scan# 1972

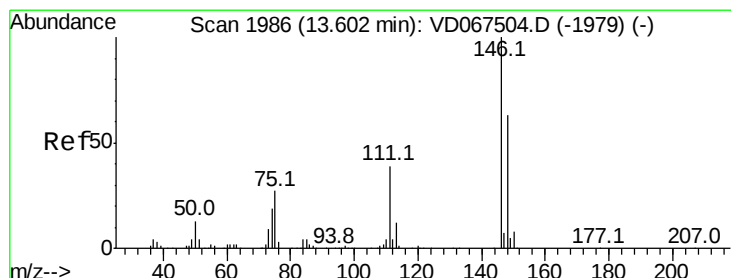
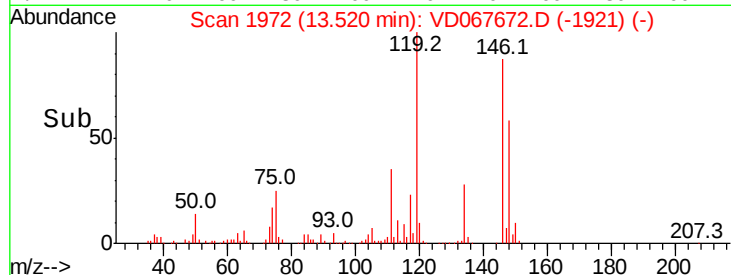
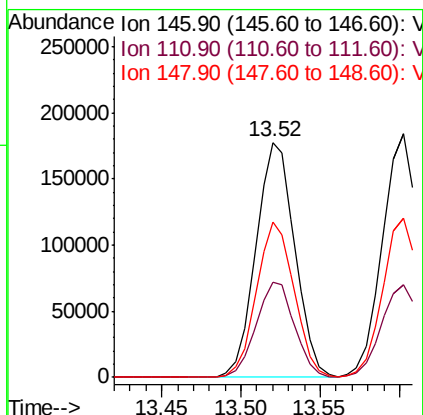
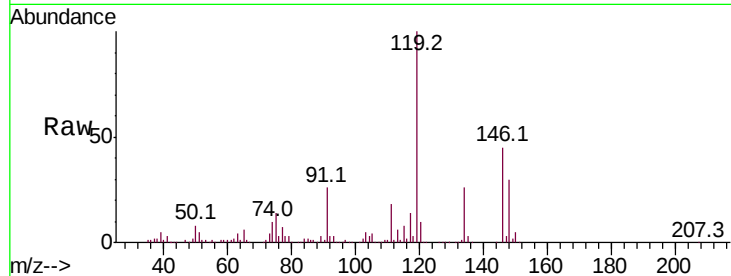
Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.4	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.599 ug/l

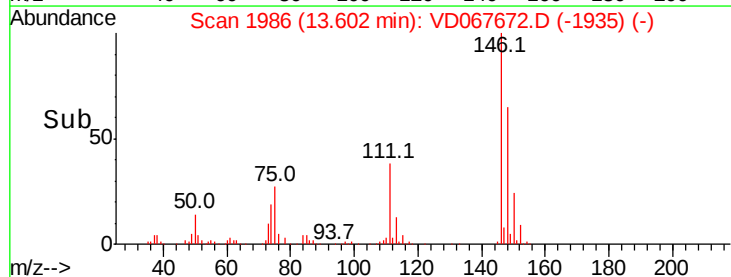
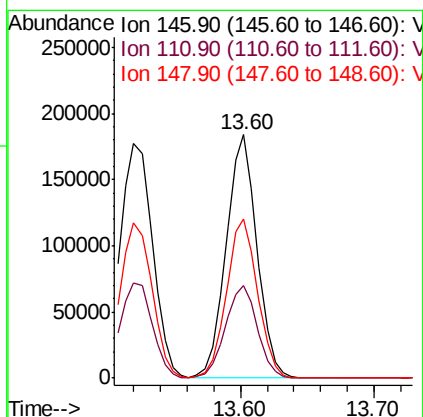
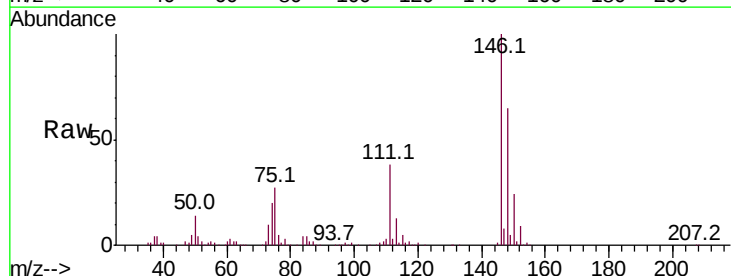
RT: 13.60 min Scan# 1986

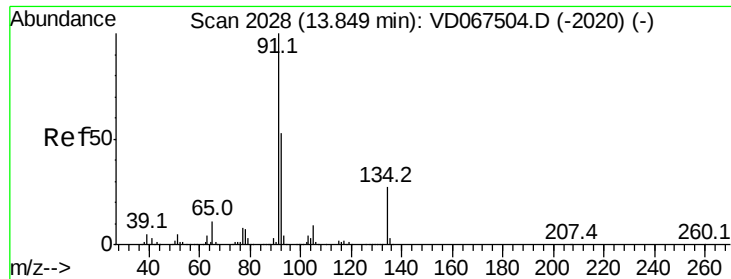
Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	65.9	31.8	95.4

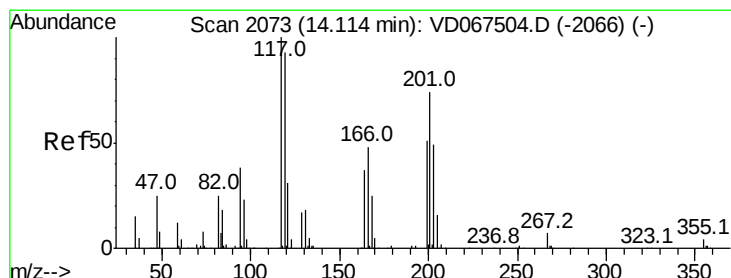
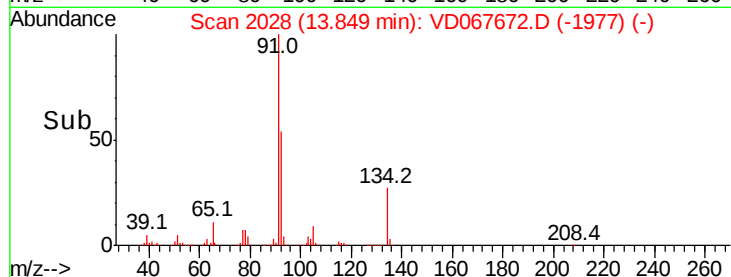
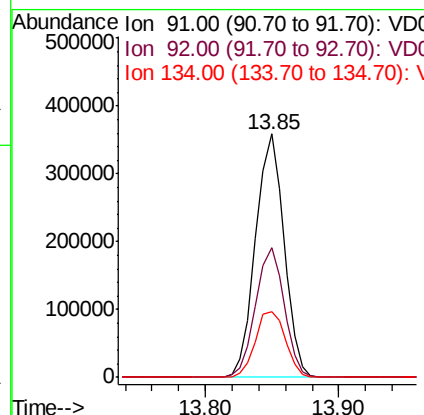
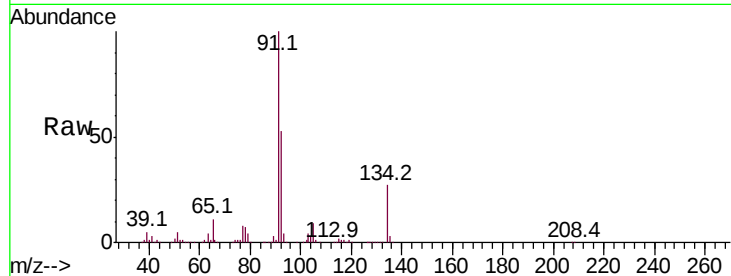




#89
n-Butylbenzene
Concen: 52.620 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

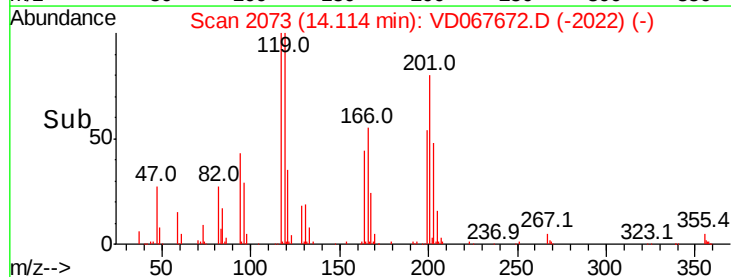
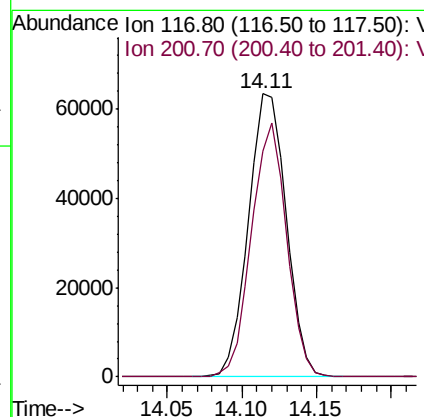
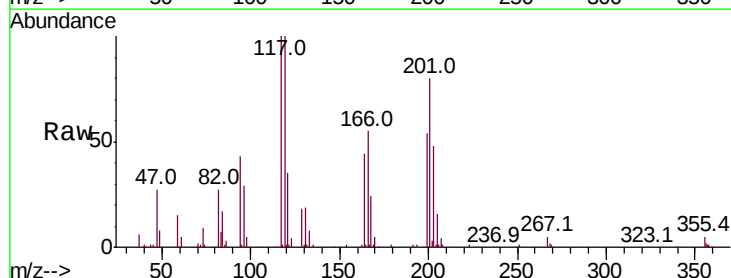
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

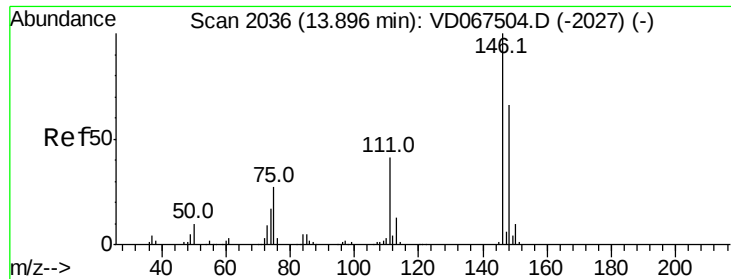
Tot Ion: 91 Resp: 528161
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 28.8 14.1 42.2



#90
Hexachloroethane
Concen: 50.742 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 117 Resp: 111039
Ion Ratio Lower Upper
117 100
201 83.3 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 52.362 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

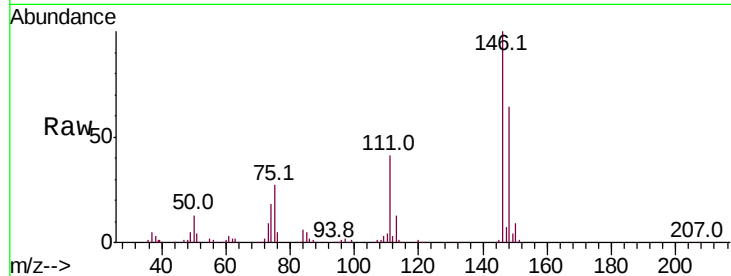
Tot Ion:146 Resp: 261473

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

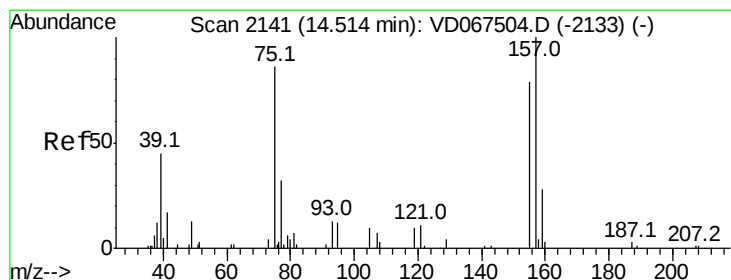
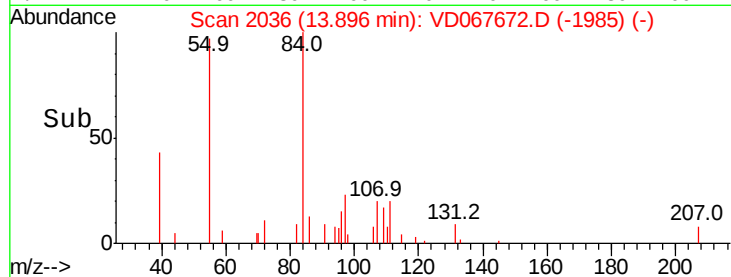
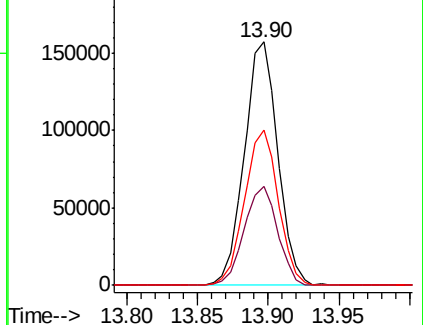
148 64.3 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.770 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

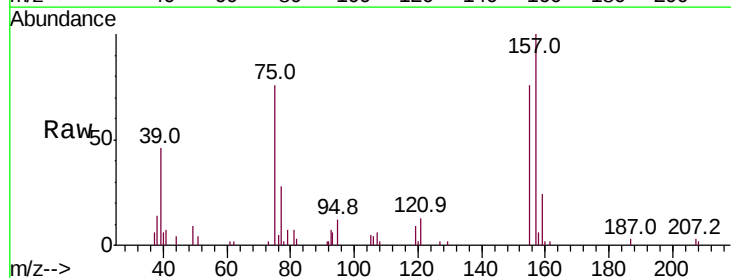
Tgt Ion: 75 Resp: 15092

Ion Ratio Lower Upper

75 100

155 96.1 46.6 139.8

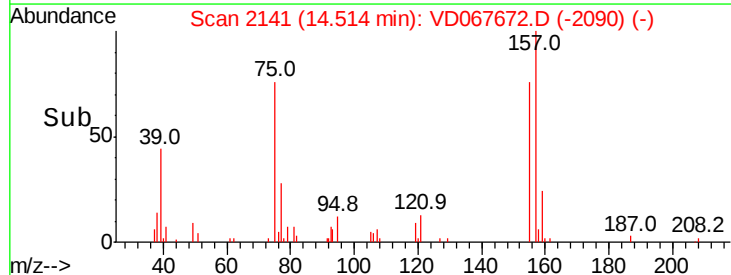
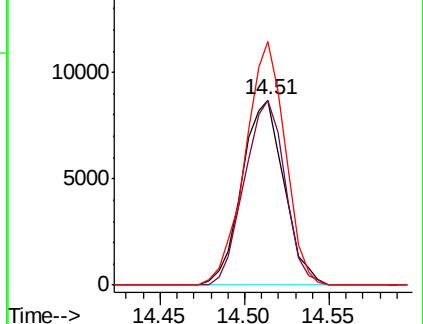
157 124.4 58.1 174.2

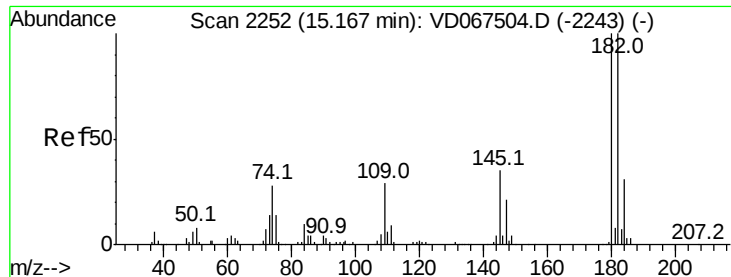


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

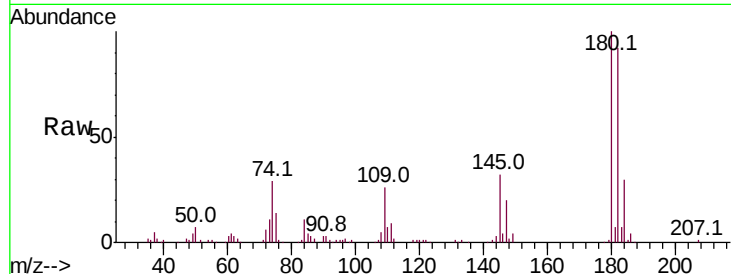




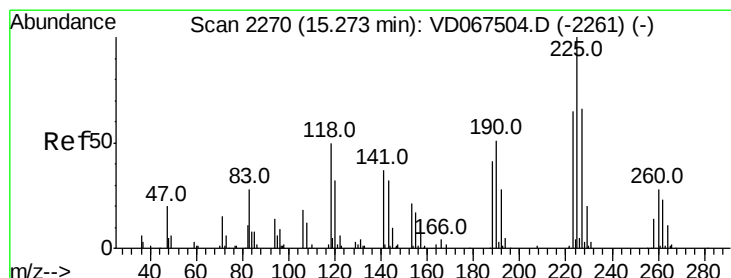
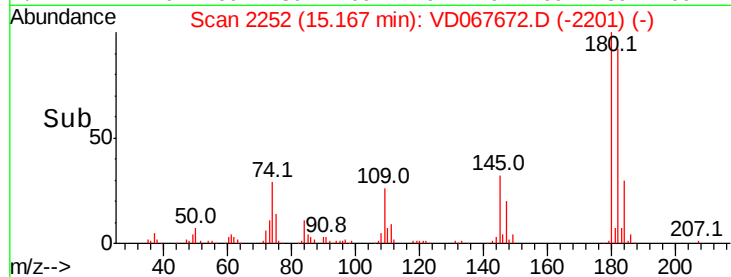
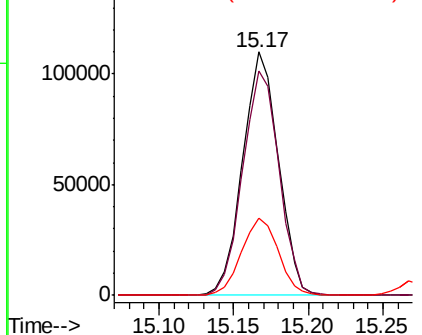
#93
 1,2,4-Trichlorobenzene
 Concen: 53.732 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	32.8	16.2	48.6

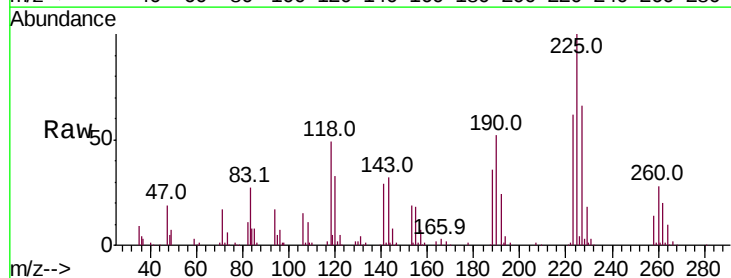


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

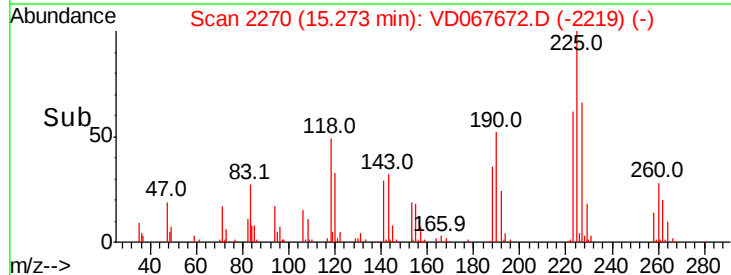
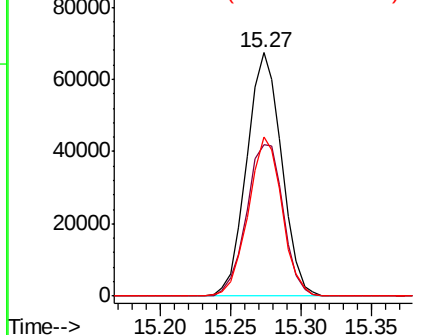


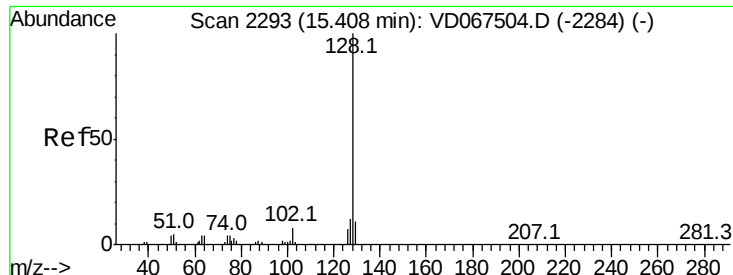
#94
 Hexachlorobutadiene
 Concen: 51.657 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	31.9	95.5
227	63.2	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

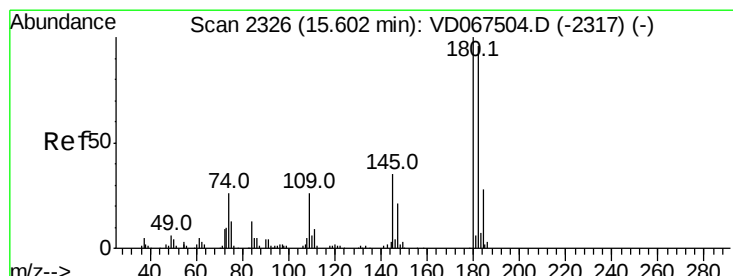
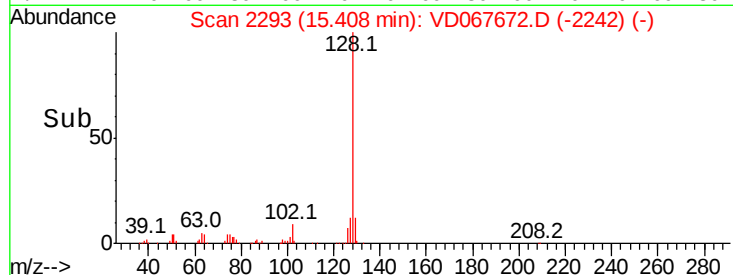
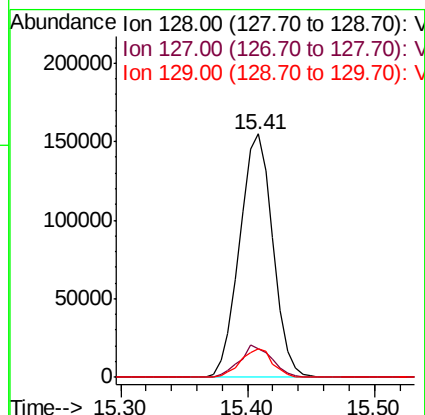
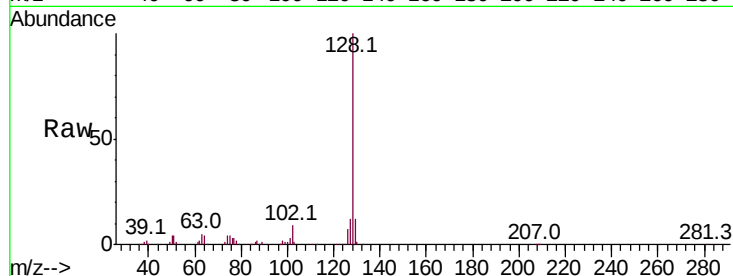




#95
Naphthalene
Concen: 53.925 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 282051
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:180 Resp: 153762
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.8
145 33.1 17.1 51.2

