

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067288.D
 Acq On : 15 Oct 2020 17:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 01:03:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	318601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	476404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	152740	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.92	113	158462	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	576072	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.64	95	200370	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116741	45.232	ug/l	98
3) Chloromethane	2.21	50	87563	43.670	ug/l	98
4) Vinyl Chloride	2.35	62	94722	43.055	ug/l	96
5) Bromomethane	2.77	94	73458	47.882	ug/l	86
6) Chloroethane	2.93	64	62096	45.321	ug/l	93
7) Trichlorofluoromethane	3.27	101	250365	45.193	ug/l	99
8) Diethyl Ether	3.71	74	58677	46.287	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	133707	45.427	ug/l	100
10) Methyl Iodide	4.30	142	122885	45.260	ug/l	99
11) Tert butyl alcohol	5.22	59	35835	208.341	ug/l #	96
12) 1,1-Dichloroethene	4.06	96	116725	44.391	ug/l	95
13) Acrolein	3.93	56	36210	195.028	ug/l	100
14) Allyl chloride	4.71	41	133205	44.236	ug/l	97
15) Acrylonitrile	5.42	53	98286	232.362	ug/l	99
16) Acetone	4.16	43	94770	212.001	ug/l	96
17) Carbon Disulfide	4.41	76	331574	44.233	ug/l	100
18) Methyl Acetate	4.72	43	46009	45.124	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	246708	47.186	ug/l	94
20) Methylene Chloride	4.96	84	142725	49.829	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	141810	46.865	ug/l	96
22) Diisopropyl ether	6.37	45	270505	49.175	ug/l	94
23) Vinyl Acetate	6.31	43	795250	254.112	ug/l	100
24) 1,1-Dichloroethane	6.27	63	220170	46.758	ug/l	99
25) 2-Butanone	7.21	43	123477	242.318	ug/l	96
26) 2,2-Dichloropropane	7.21	77	220036	45.336	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	155351	46.844	ug/l	97
28) Bromochloromethane	7.55	49	79006	49.191	ug/l	98
29) Tetrahydrofuran	7.57	42	68048	240.234	ug/l	96
30) Chloroform	7.71	83	267465	47.549	ug/l	92
31) Cyclohexane	7.99	56	156324	42.521	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	257867	46.723	ug/l	99
36) 1,1-Dichloropropene	8.11	75	189174	46.850	ug/l	98
37) Ethyl Acetate	7.29	43	56856	47.858	ug/l	95
38) Carbon Tetrachloride	8.10	117	241714	46.837	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067288.D
 Acq On : 15 Oct 2020 17:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 01:03:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	200318	47.455	ug/l	96
40) Benzene	8.36	78	527757	47.643	ug/l	98
41) Methacrylonitrile	7.53	41	35565	55.399	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	163904	47.280	ug/l	98
43) Isopropyl Acetate	8.46	43	110313	46.796	ug/l	99
44) Trichloroethene	9.11	130	166081	46.827	ug/l	98
45) 1,2-Dichloropropane	9.39	63	117410	45.733	ug/l	95
46) Dibromomethane	9.48	93	75681	47.314	ug/l	97
47) Bromodichloromethane	9.67	83	203990	47.600	ug/l	95
48) Methyl methacrylate	9.46	41	56520	49.338	ug/l	95
49) 1,4-Dioxane	9.46	88	15475	999.718	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	284208	241.724	ug/l	100
52) Toluene	10.41	92	365791	48.482	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	178200	47.335	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	213050	48.357	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	104710	48.006	ug/l	98
56) Ethyl methacrylate	10.67	69	113092	49.994	ug/l	100
57) 1,3-Dichloropropane	10.95	76	165299	47.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	307692	265.144	ug/l	97
59) 2-Hexanone	10.99	43	194015	241.484	ug/l	99
60) Dibromochloromethane	11.14	129	150884	47.434	ug/l	97
61) 1,2-Dibromoethane	11.25	107	100865	46.907	ug/l	97
64) Tetrachloroethene	10.88	164	146034	45.234	ug/l	94
65) Chlorobenzene	11.67	112	403070	47.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	162527	47.859	ug/l	98
67) Ethyl Benzene	11.75	91	697124	47.595	ug/l	100
68) m/p-Xylenes	11.86	106	542335	96.153	ug/l	98
69) o-Xylene	12.18	106	247692	47.424	ug/l	98
70) Styrene	12.20	104	437473	48.657	ug/l	99
71) Bromoform	12.37	173	84332	46.225	ug/l #	97
73) Isopropylbenzene	12.48	105	701164	49.544	ug/l	100
74) N-amyl acetate	12.30	43	102754	48.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	101351	46.739	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	137061	88.683	ug/l #	100
77) Bromobenzene	12.77	156	166790	47.272	ug/l	98
78) n-propylbenzene	12.83	91	797446	48.633	ug/l	100
79) 2-Chlorotoluene	12.91	91	455161	47.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	610552	49.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31851	46.734	ug/l	96
82) 4-Chlorotoluene	13.01	91	486805	48.234	ug/l	99
83) tert-Butylbenzene	13.23	119	519899	50.046	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	615921	50.671	ug/l	98
85) sec-Butylbenzene	13.41	105	695298	48.777	ug/l	99
86) p-Isopropyltoluene	13.52	119	664789	49.410	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	318968	46.968	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	321170	47.734	ug/l	100
89) n-Butylbenzene	13.85	91	592111	50.024	ug/l	98
90) Hexachloroethane	14.12	117	112311	47.835	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	280265	47.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18543	47.070	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
Data File : VD067288.D
Acq On : 15 Oct 2020 17:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 16 01:03:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration

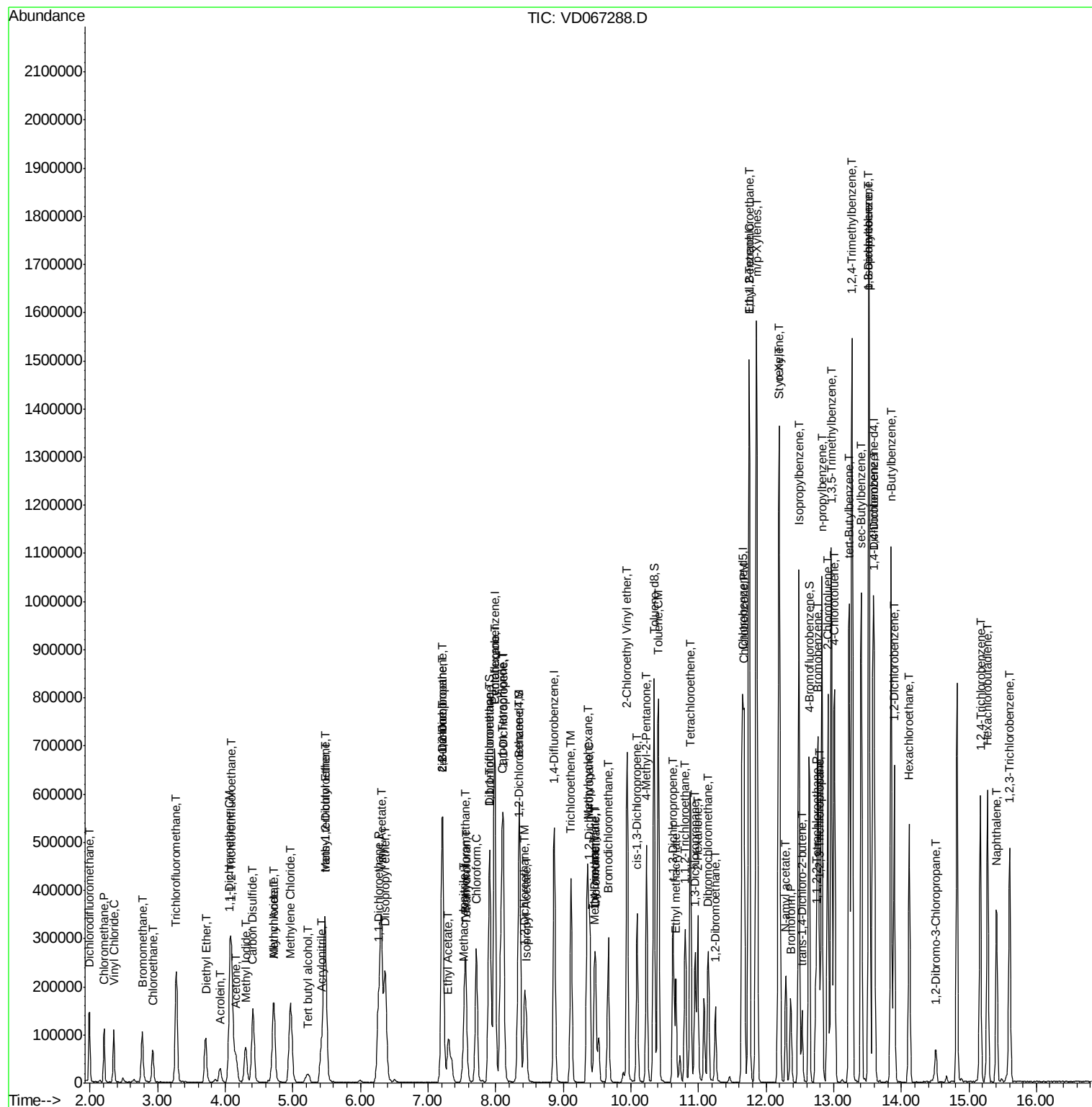
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	196833	49.208	ug/l	98
94) Hexachlorobutadiene	15.28	225	121326	48.844	ug/l	98
95) Naphthalene	15.41	128	331716	50.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	171661	49.676	ug/l	100

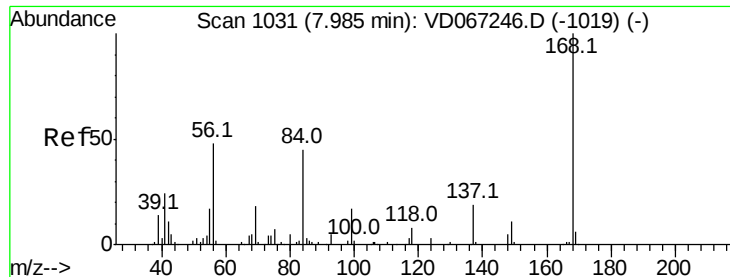
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
Data File : VD067288.D
Acq On : 15 Oct 2020 17:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 16 01:03:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

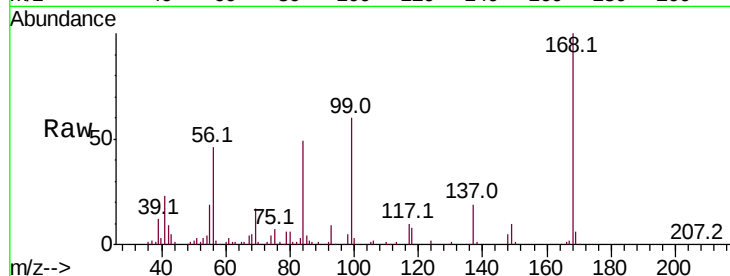
VSTDCCC050EC

Tot Ion:168 Resp: 318601

Ion Ratio Lower Upper

168 100

99 59.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

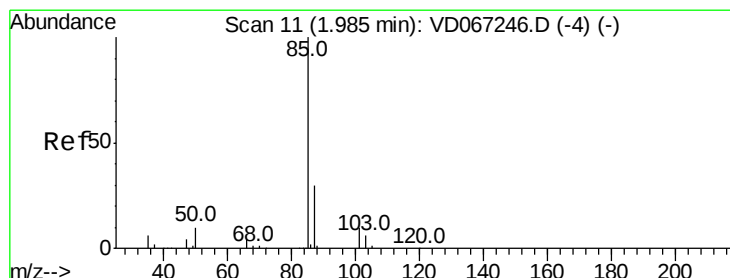
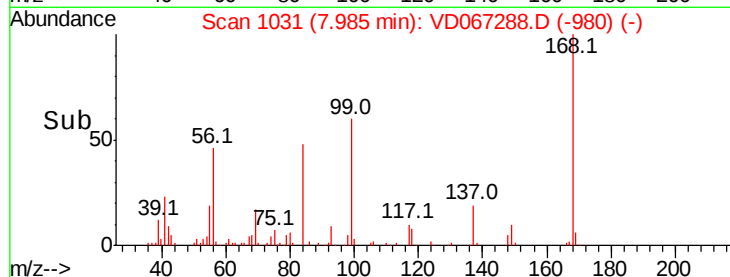
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.232 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067288.D

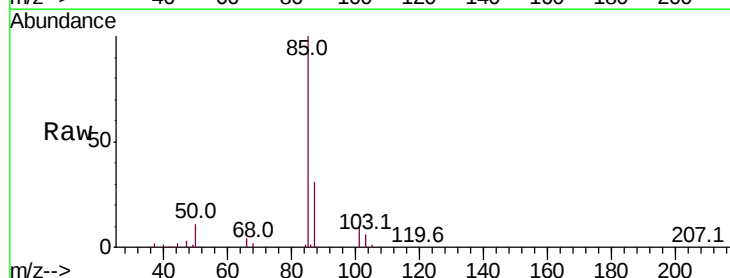
Acq: 15 Oct 2020 17:23

Tgt Ion: 85 Resp: 116741

Ion Ratio Lower Upper

85 100

87 31.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

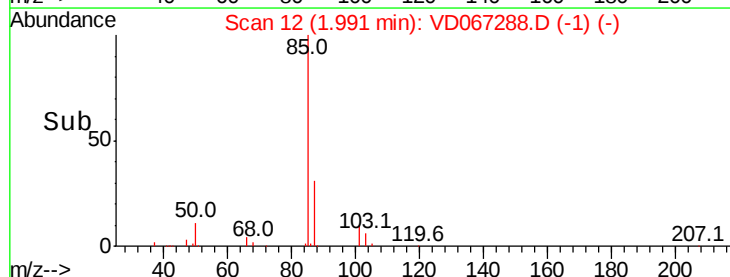
40000

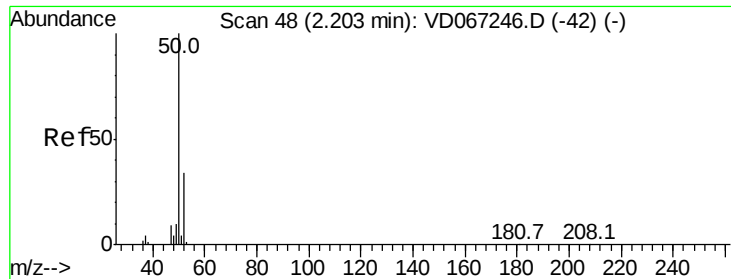
20000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 43.670 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

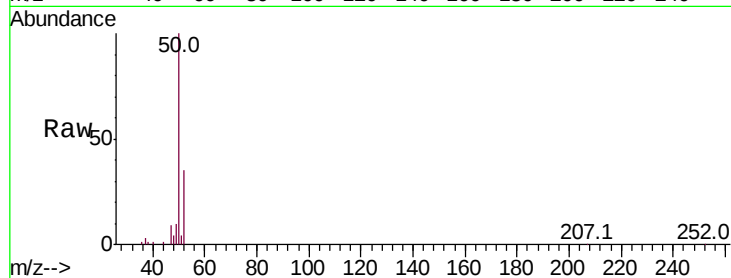
VSTDCCC050EC

Tot Ion: 50 Resp: 87563

Ion Ratio Lower Upper

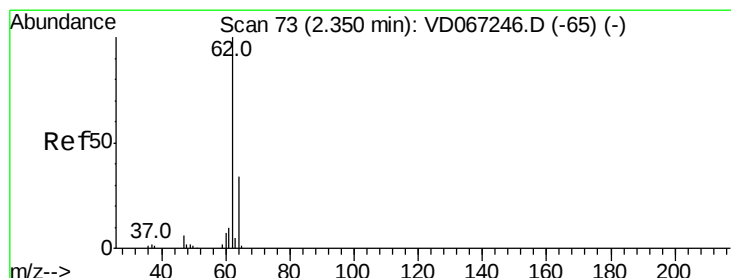
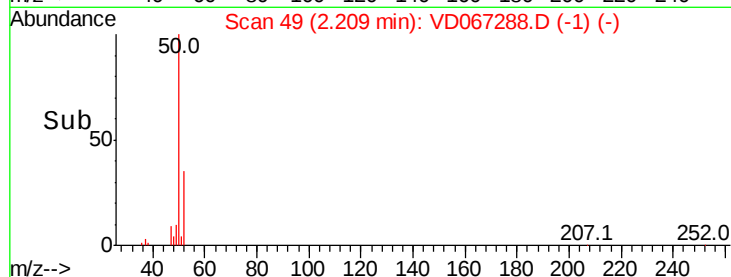
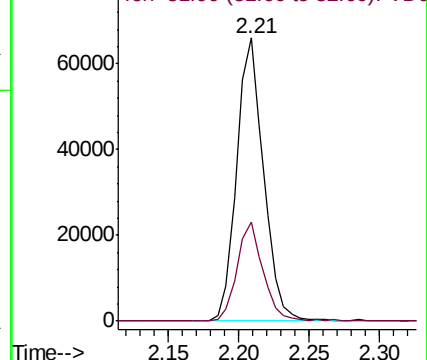
50 100

52 35.1 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.055 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067288.D

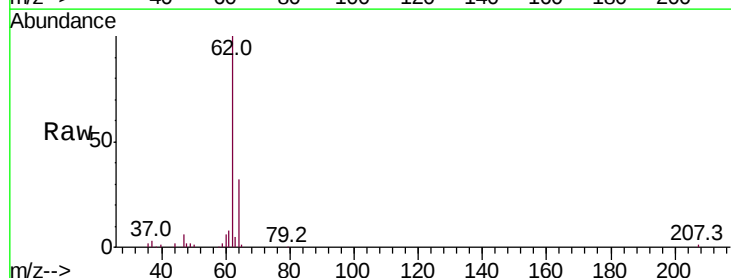
Acq: 15 Oct 2020 17:23

Tgt Ion: 62 Resp: 94722

Ion Ratio Lower Upper

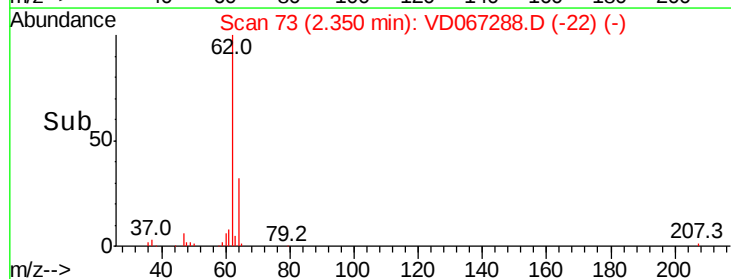
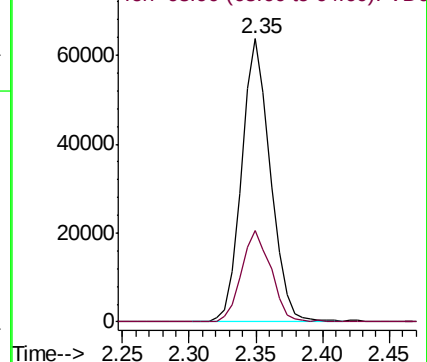
62 100

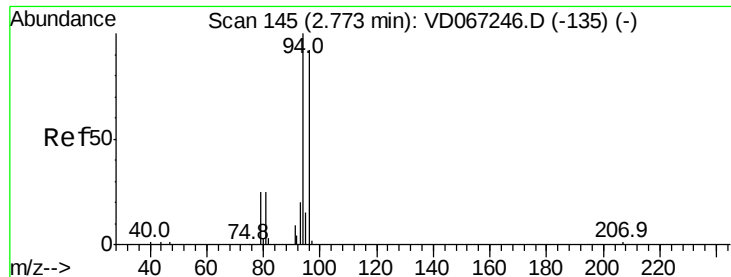
64 32.1 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.882 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

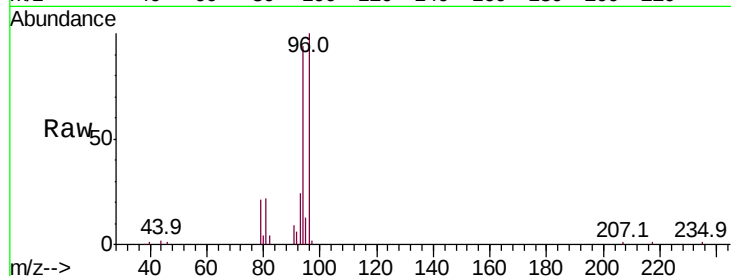
VSTDCCC050EC

Tot Ion: 94 Resp: 73458

Ion Ratio Lower Upper

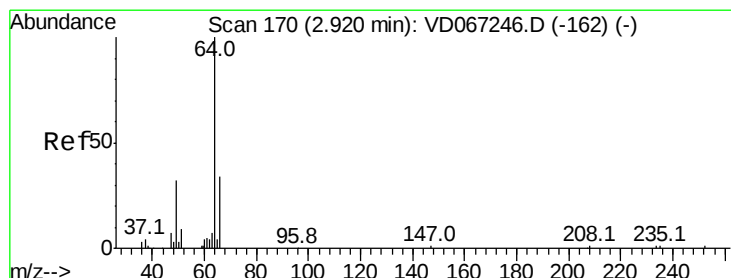
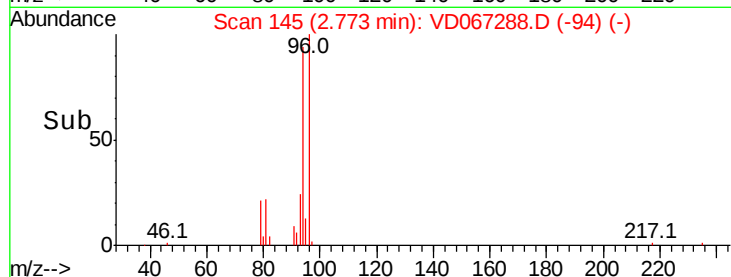
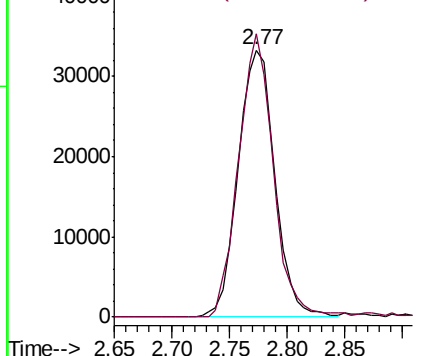
94 100

96 106.0 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.321 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067288.D

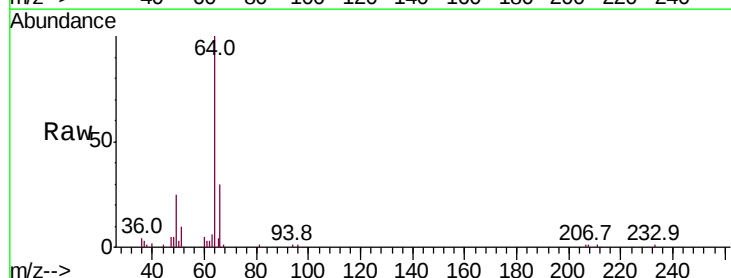
Acq: 15 Oct 2020 17:23

Tgt Ion: 64 Resp: 62096

Ion Ratio Lower Upper

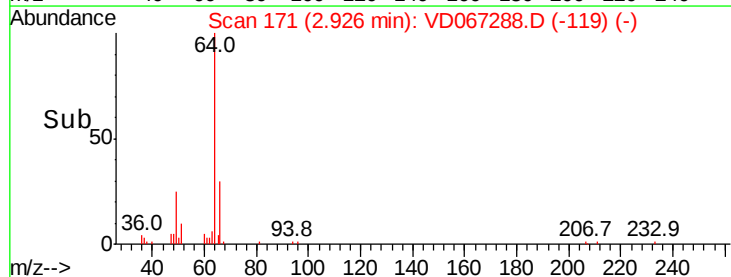
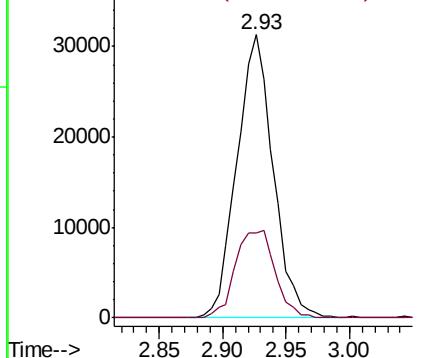
64 100

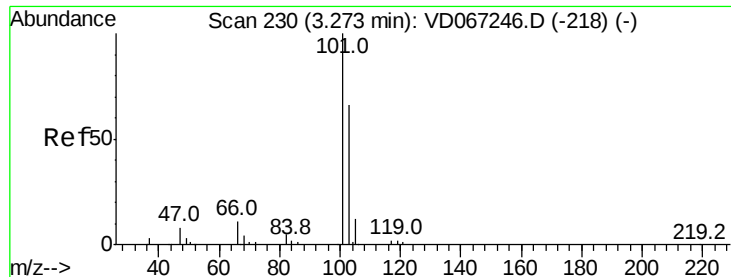
66 30.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



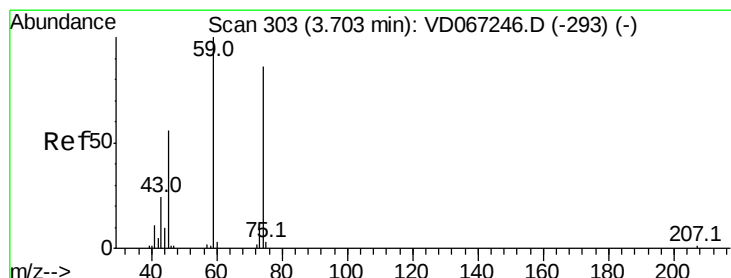
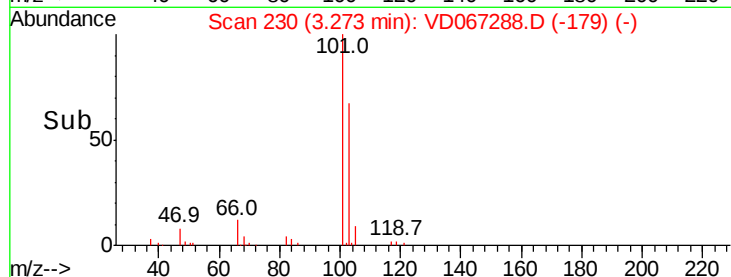
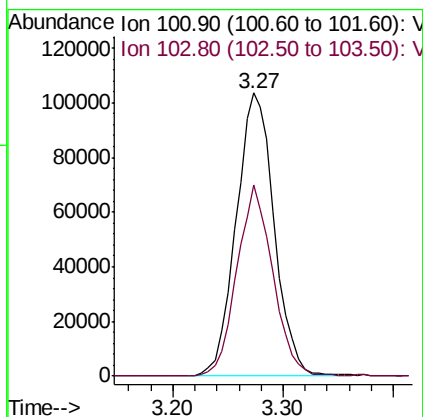
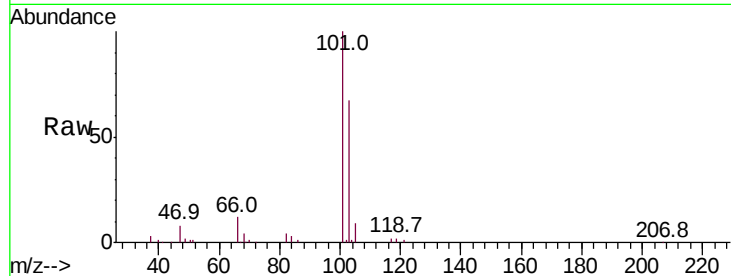


#7

Trichlorofluoromethane
Concen: 45.193 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

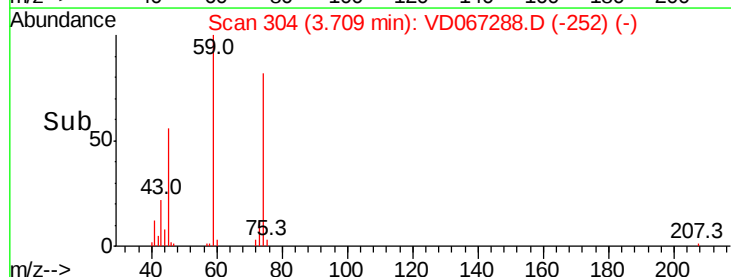
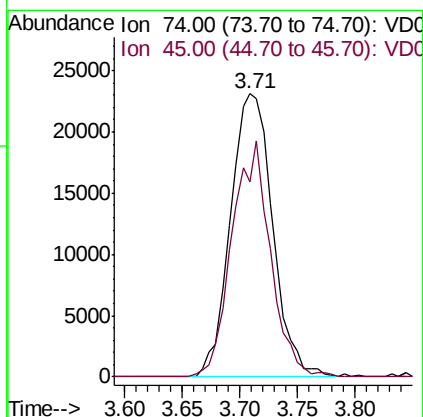
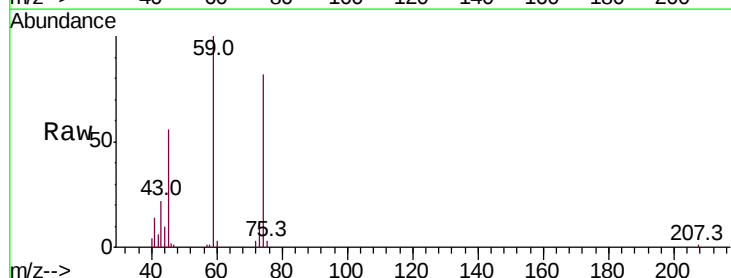
Tot Ion:101 Resp: 250365
Ion Ratio Lower Upper
101 100
103 67.4 53.1 79.7

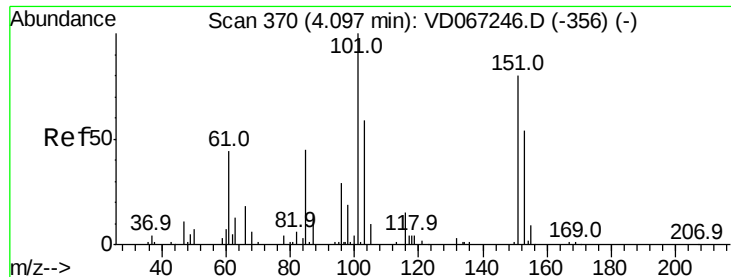


#8

Diethyl Ether
Concen: 46.287 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion: 74 Resp: 58677
Ion Ratio Lower Upper
74 100
45 76.0 37.0 111.1

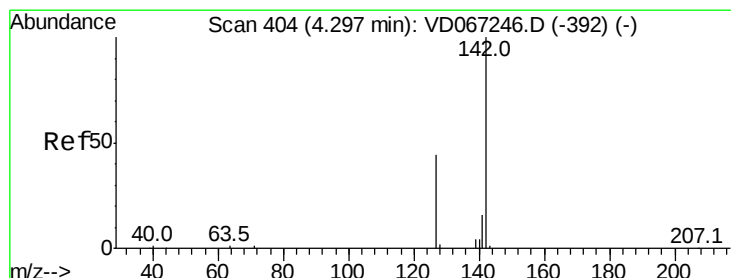
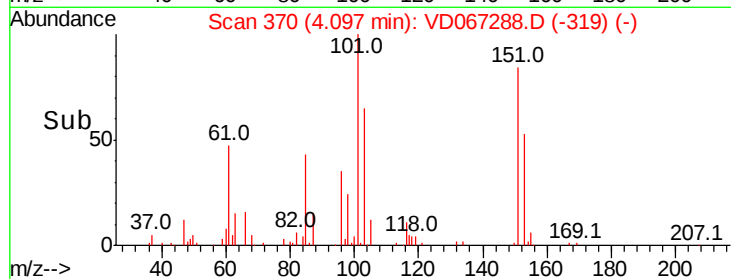
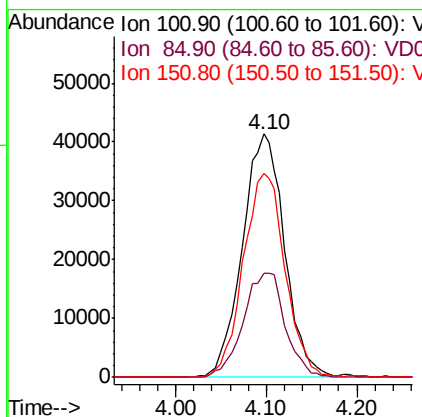
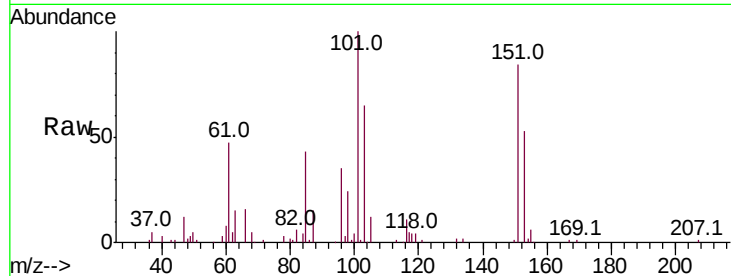




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.427 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

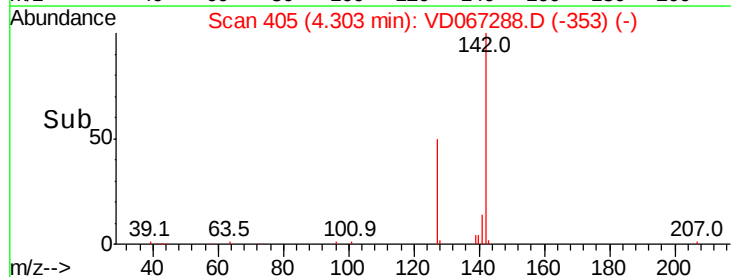
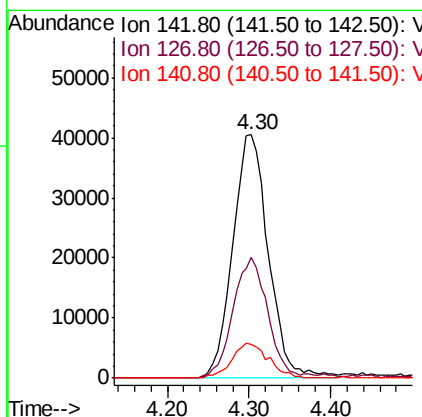
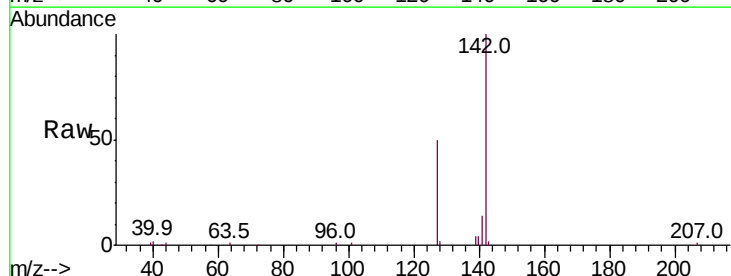
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

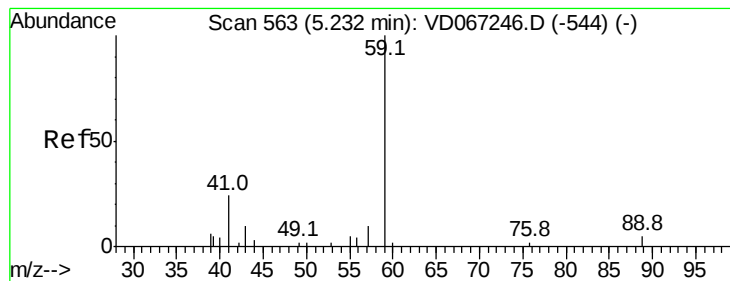
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.2	51.4
151	83.2	66.3	99.5



#10
 Methyl Iodide
 Concen: 45.260 ug/l
 RT: 4.30 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.5	38.4	57.6
141	14.6	11.6	17.4



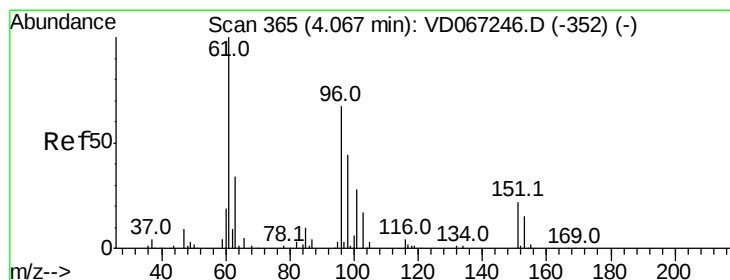
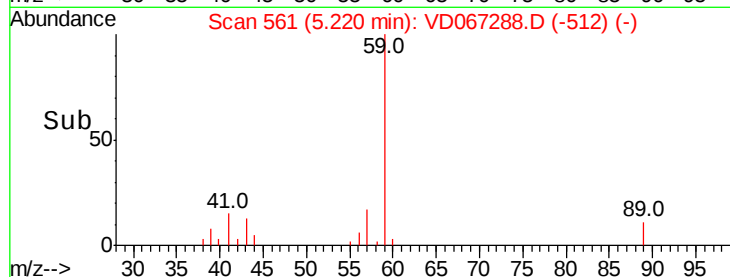
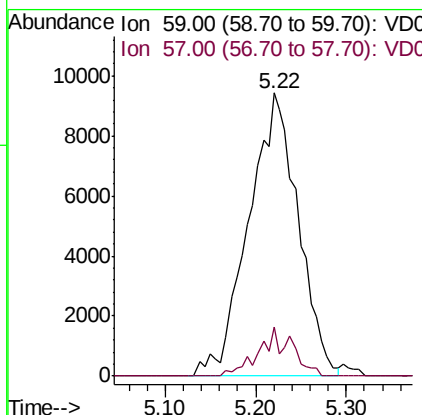
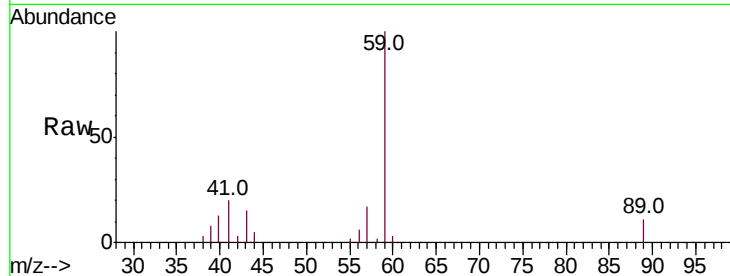


#11

Tert butyl alcohol
 Concen: 208.341 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

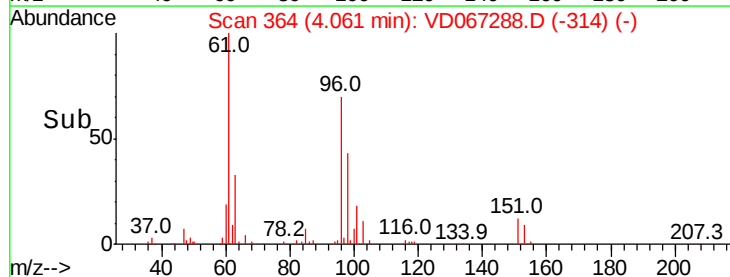
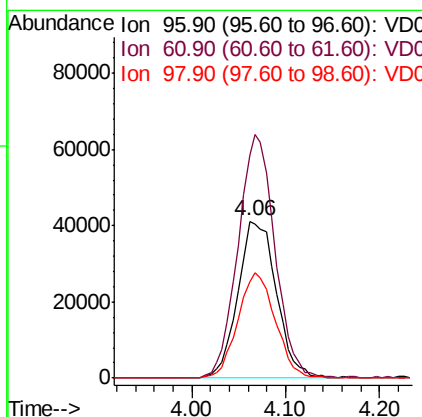
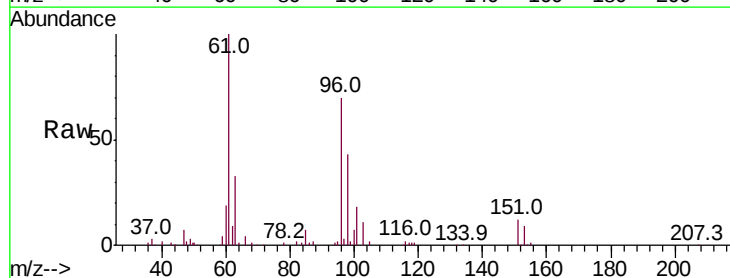
Tot Ion: 59 Resp: 35835
 Ion Ratio Lower Upper
 59 100
 57 7.9 5.1 7.7#

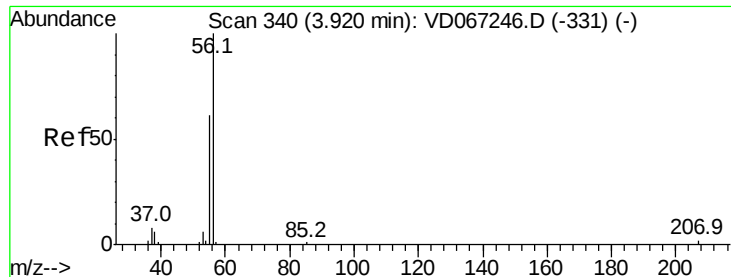


#12

1,1-Dichloroethene
 Concen: 44.391 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 96 Resp: 116725
 Ion Ratio Lower Upper
 96 100
 61 142.0 118.6 177.8
 98 61.5 51.8 77.6





#13

Acrolein

Concen: 195.028 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

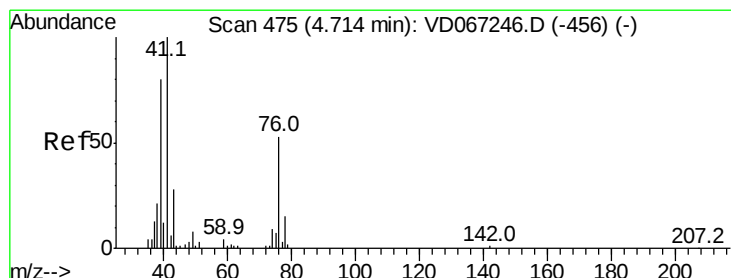
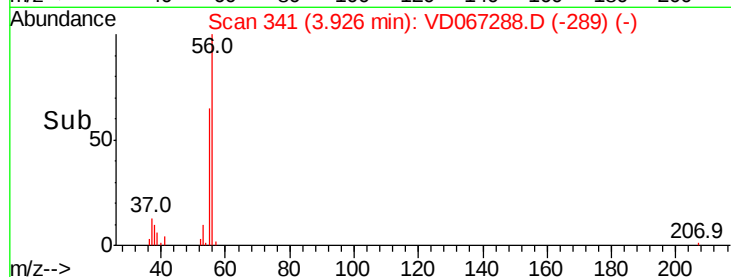
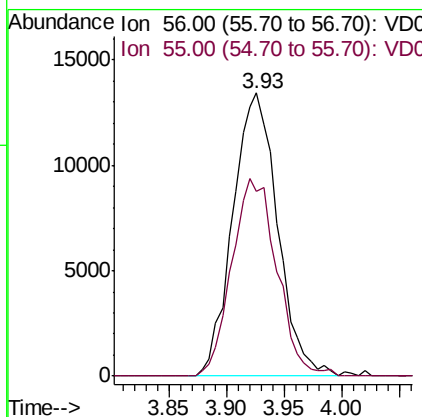
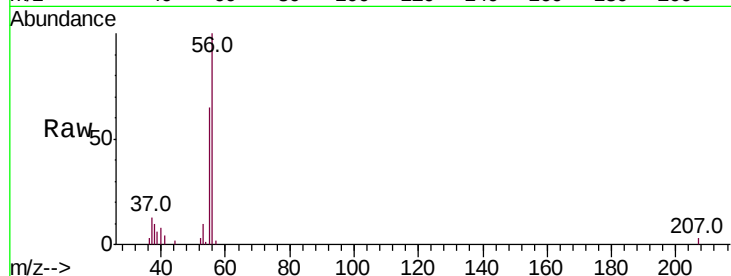
VSTDCCC050EC

Tot Ion: 56 Resp: 36210

Ion Ratio Lower Upper

56 100

55 70.1 56.0 84.0



#14

Allyl chloride

Concen: 44.236 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

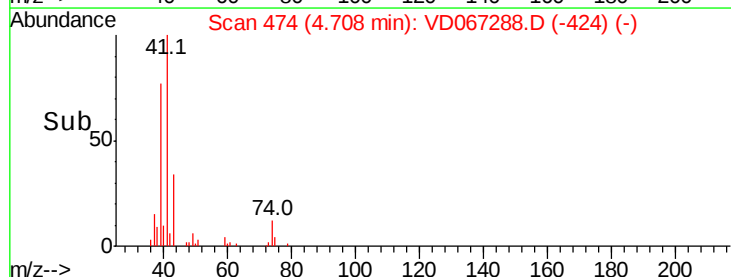
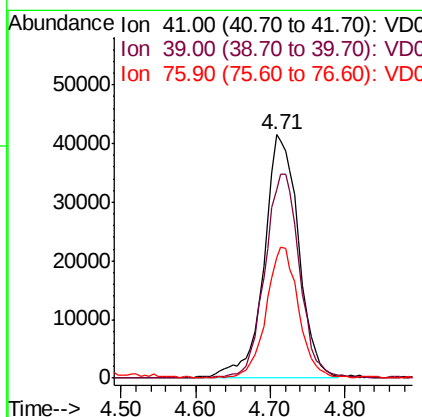
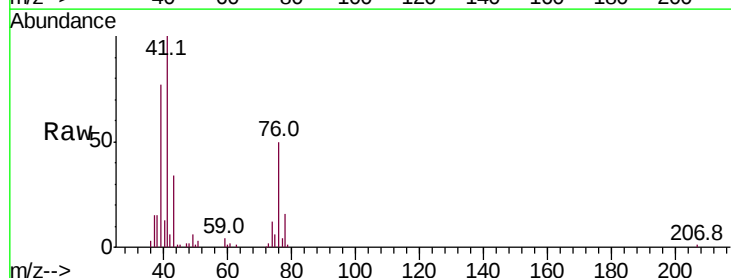
Tgt Ion: 41 Resp: 133205

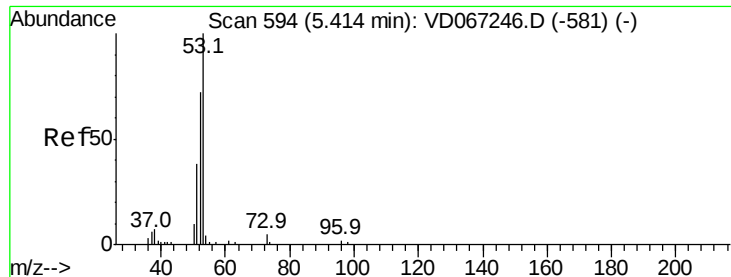
Ion Ratio Lower Upper

41 100

39 84.4 63.8 95.6

76 50.5 40.4 60.6





#15

Acrylonitrile

Concen: 232.362 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

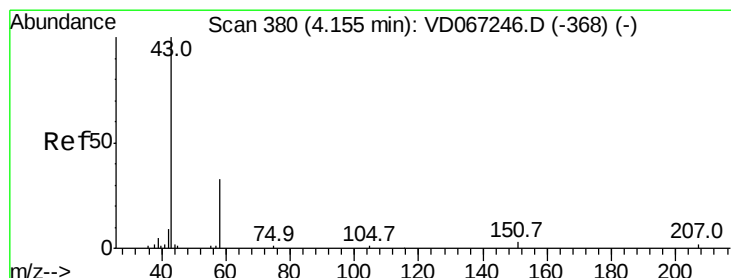
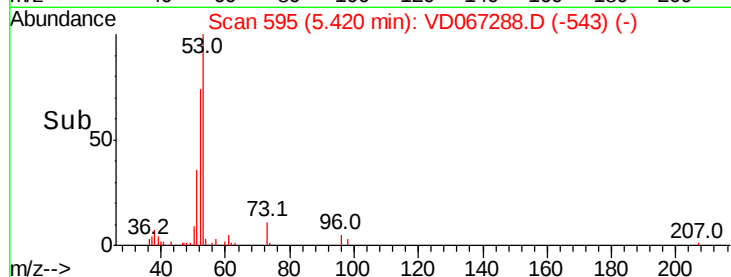
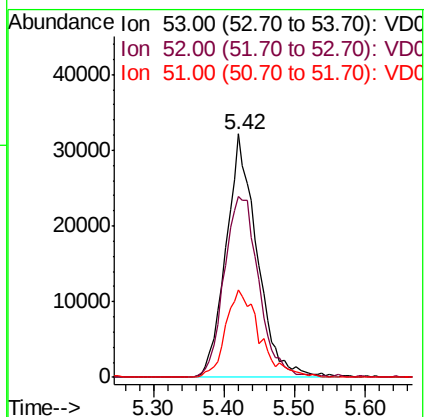
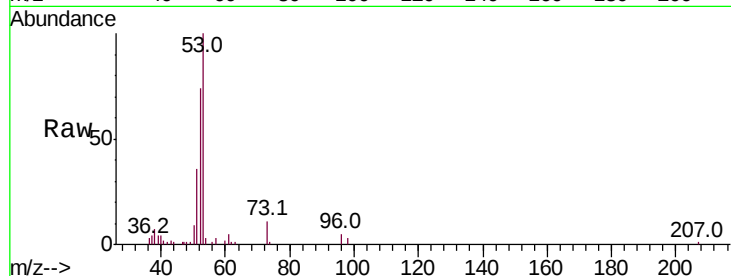
Tot Ion: 53 Resp: 98286

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

51 39.4 30.8 46.2



#16

Acetone

Concen: 212.001 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067288.D

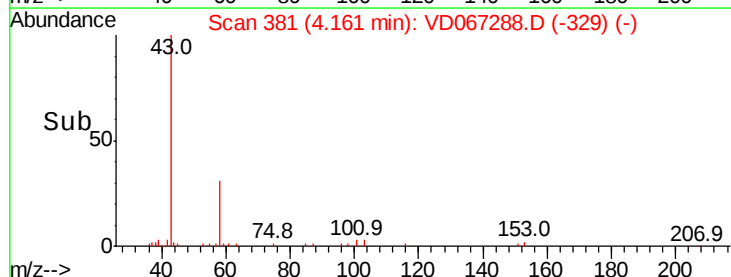
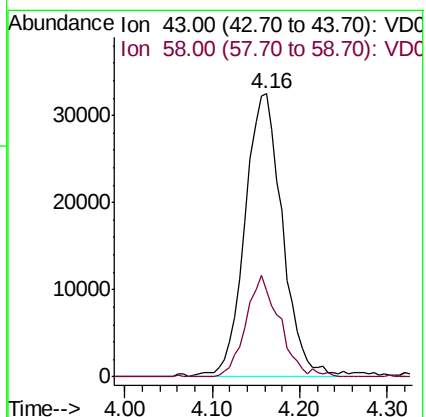
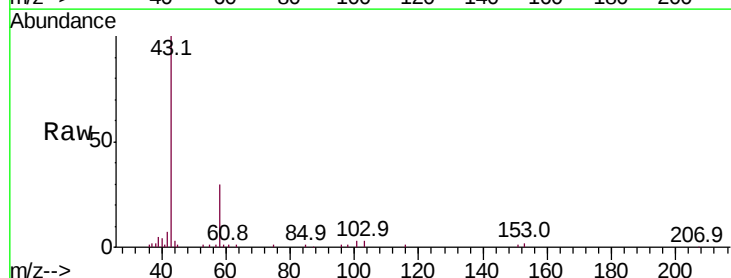
Acq: 15 Oct 2020 17:23

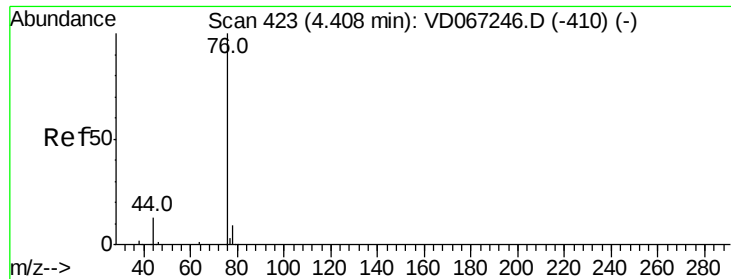
Tgt Ion: 43 Resp: 94770

Ion Ratio Lower Upper

43 100

58 30.4 26.1 39.1

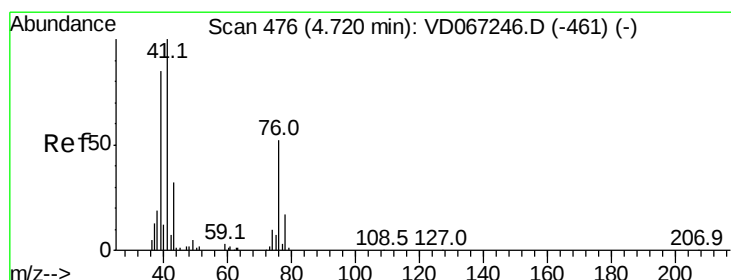
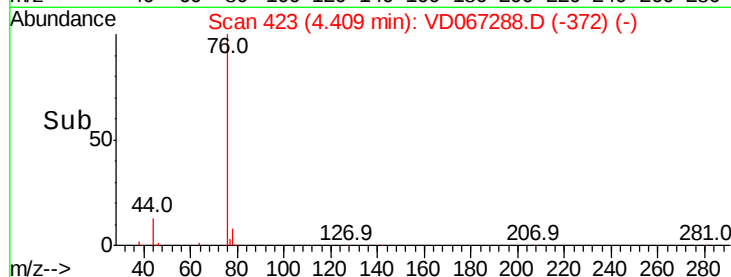
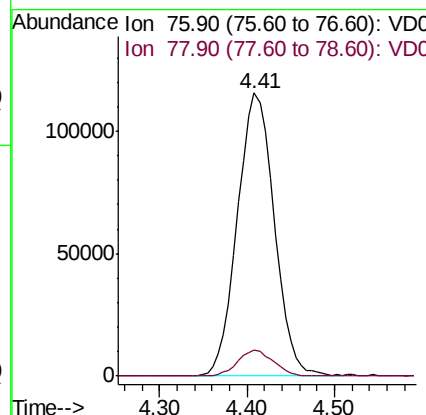
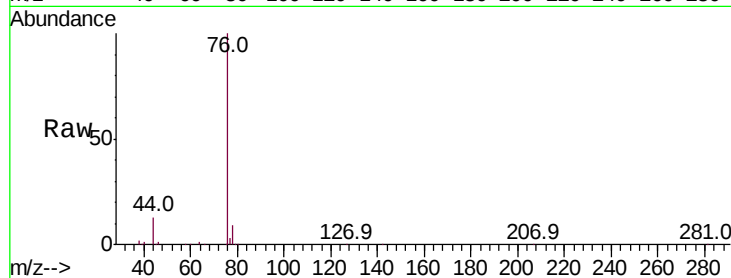




#17
Carbon Disulfide
Concen: 44.233 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

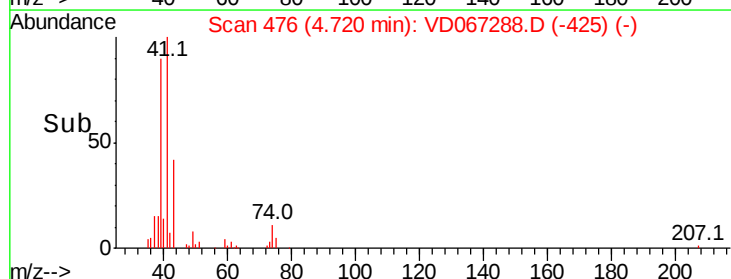
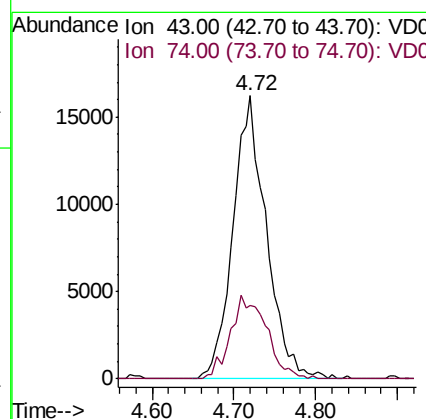
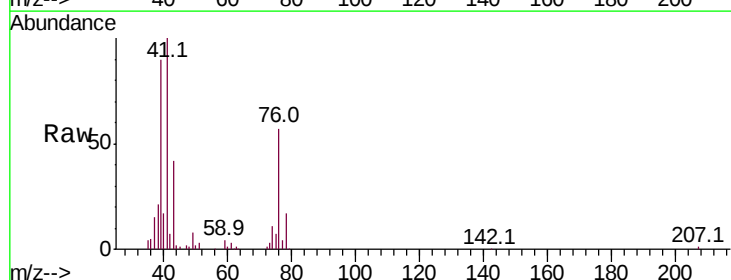
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

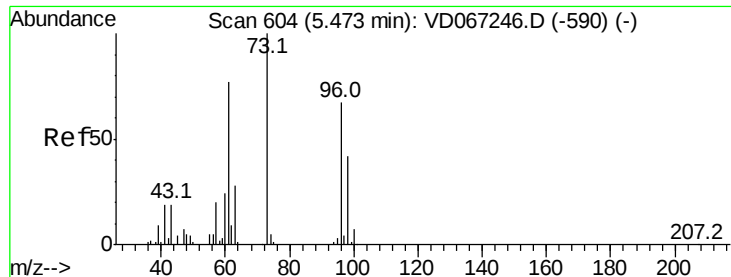
Tot Ion: 76 Resp: 331574
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 45.124 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion: 43 Resp: 46009
Ion Ratio Lower Upper
43 100
74 31.8 26.6 39.8





#19

Methyl tert-butyl Ether

Concen: 47.186 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

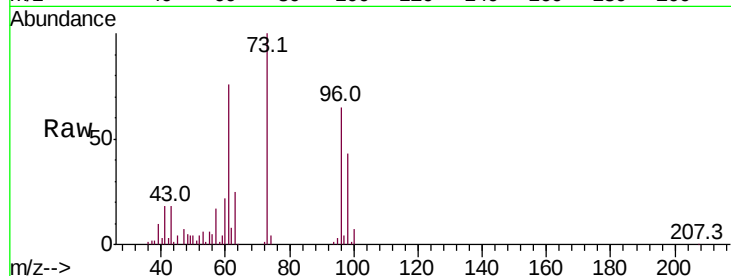
VSTDCCC050EC

Tot Ion: 73 Resp: 246708

Ion Ratio Lower Upper

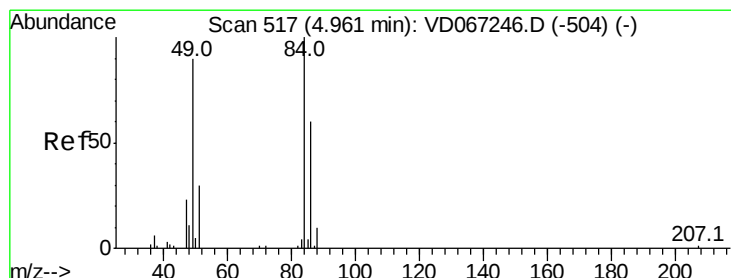
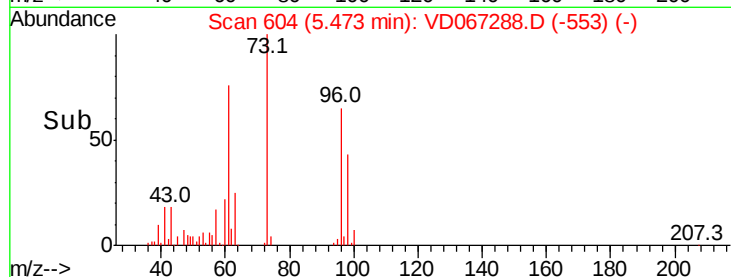
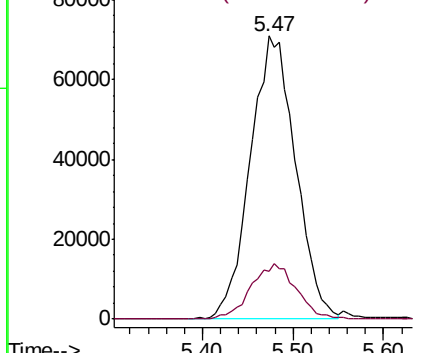
73 100

57 17.0 15.7 23.5



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 49.829 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Tgt Ion: 84 Resp: 142725

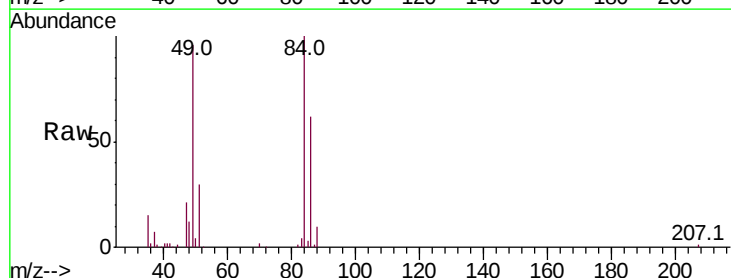
Ion Ratio Lower Upper

84 100

49 96.1 72.2 108.2

51 29.8 23.8 35.8

86 62.0 48.2 72.4

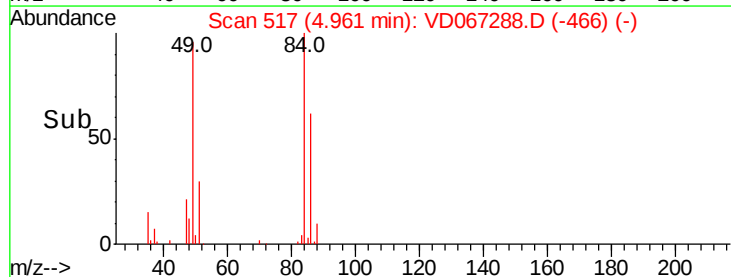
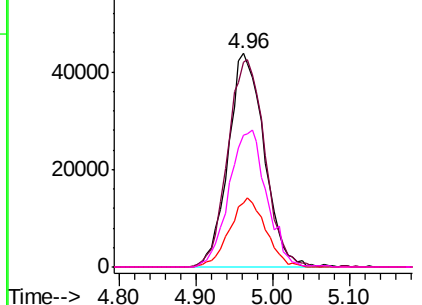


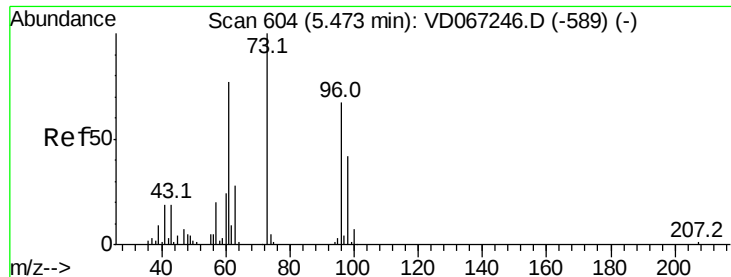
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 46.865 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

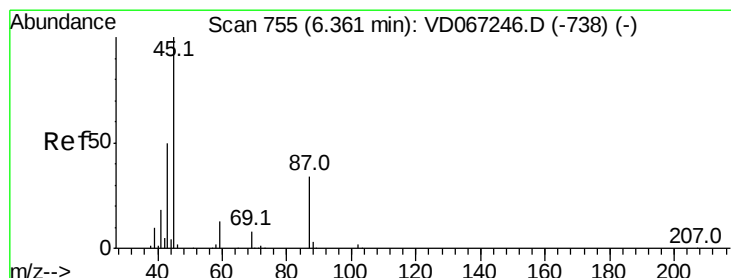
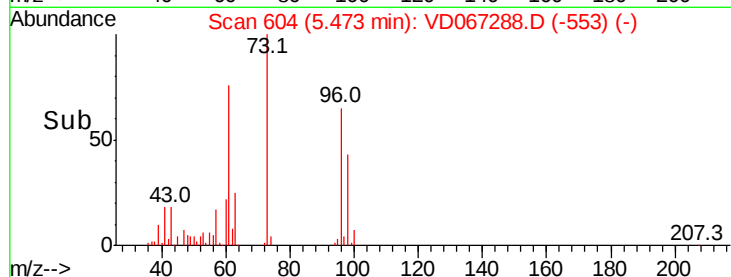
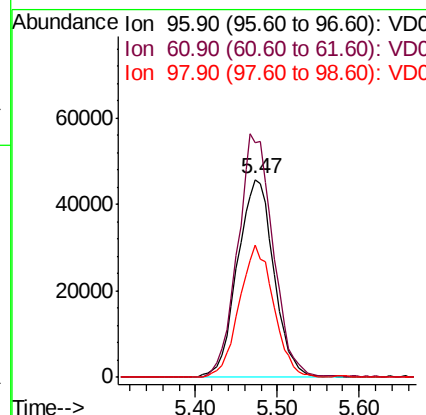
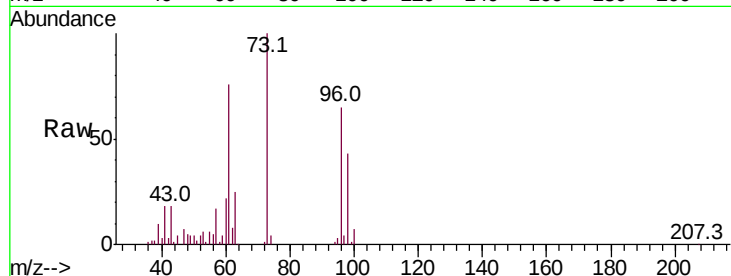
Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 141810

Ion	Ratio	Lower	Upper
96	100		
61	118.4	92.0	138.0
98	66.7	49.8	74.8



#22

Diisopropyl ether

Concen: 49.175 ug/l

RT: 6.37 min Scan# 756

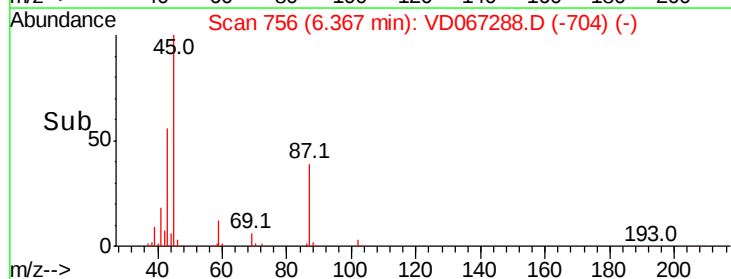
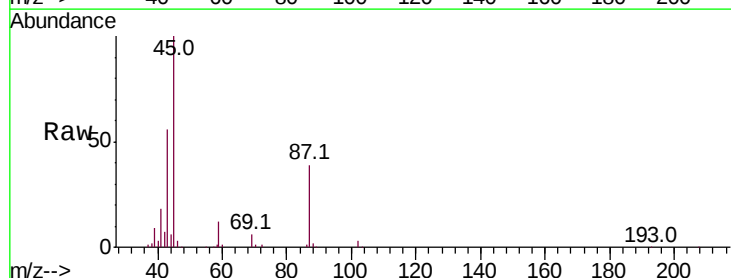
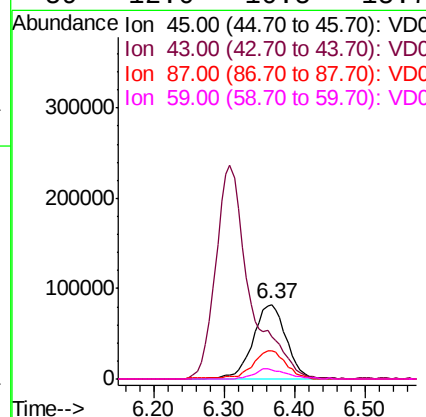
Delta R.T. 0.01 min

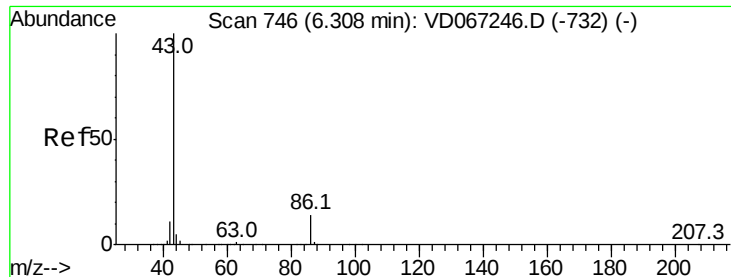
Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Tgt Ion: 45 Resp: 270505

Ion	Ratio	Lower	Upper
45	100		
43	54.9	48.0	72.0
87	38.7	28.5	42.7
59	12.0	10.5	15.7





#23

Vinyl Acetate

Concen: 254.112 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

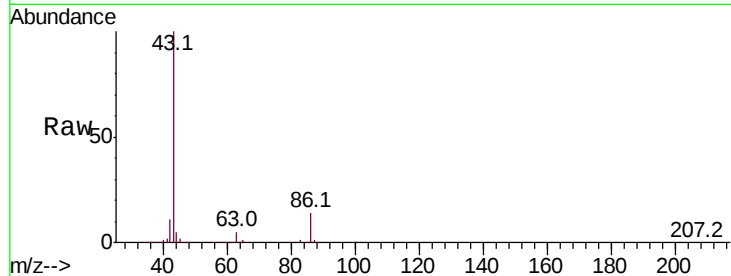
VSTDCCC050EC

Tot Ion: 43 Resp: 795250

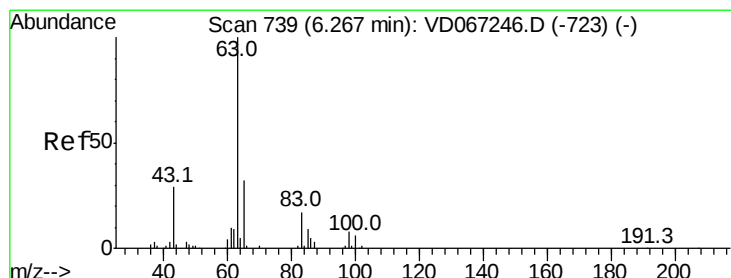
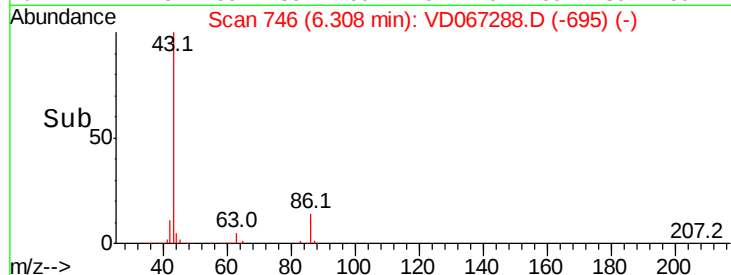
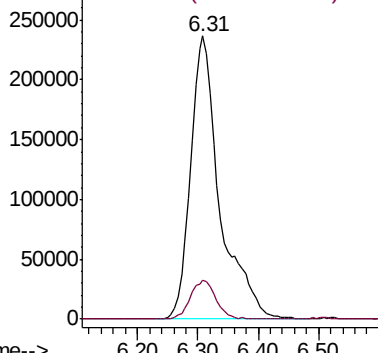
Ion Ratio Lower Upper

43 100

86 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 46.758 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

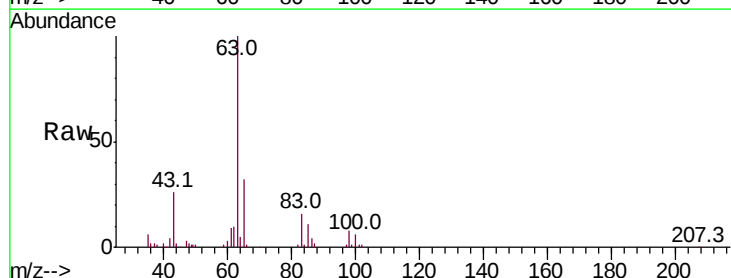
Tgt Ion: 63 Resp: 220170

Ion Ratio Lower Upper

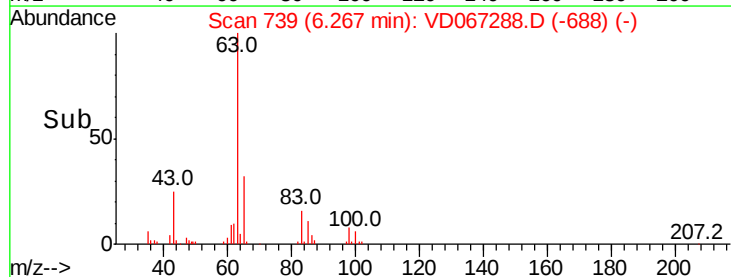
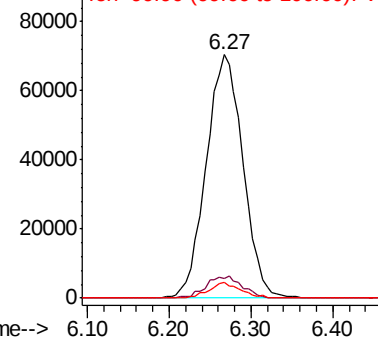
63 100

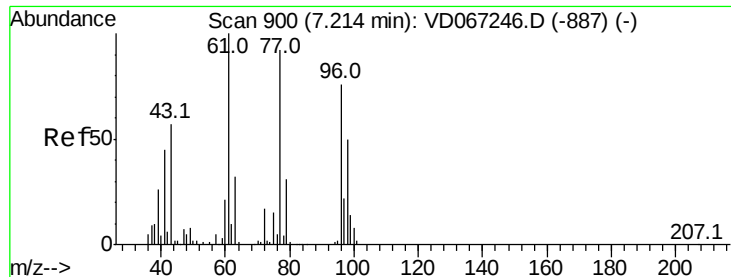
98 8.0 4.0 12.2

100 6.3 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 242.318 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

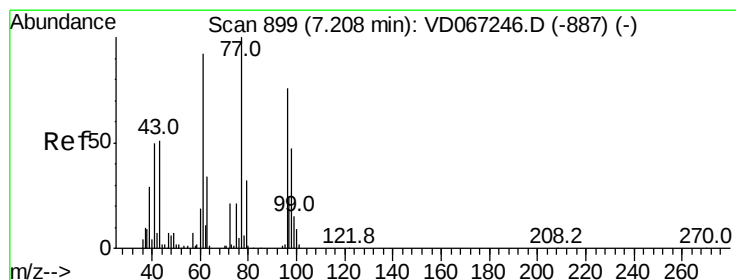
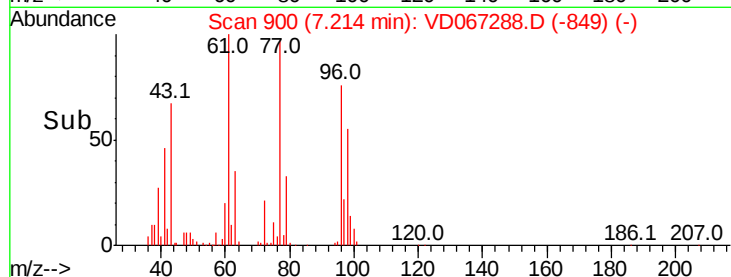
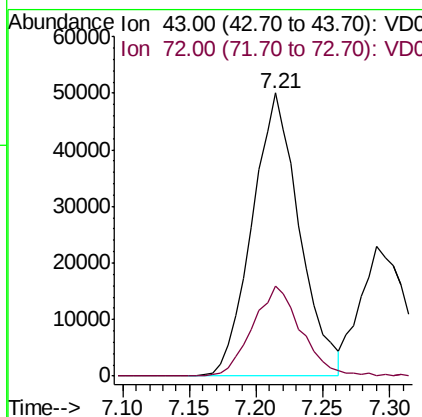
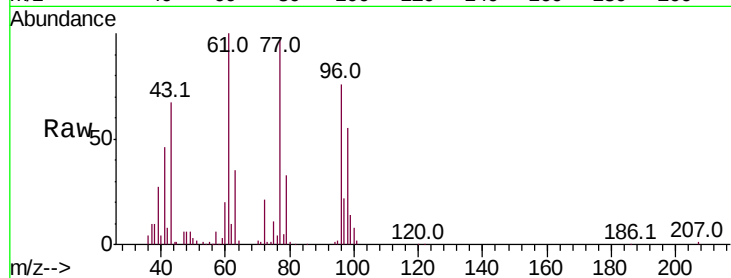
VSTDCCC050EC

Tot Ion: 43 Resp: 123477

Ion Ratio Lower Upper

43 100

72 31.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 45.336 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067288.D

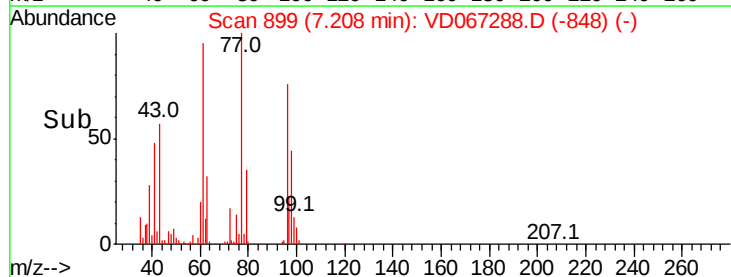
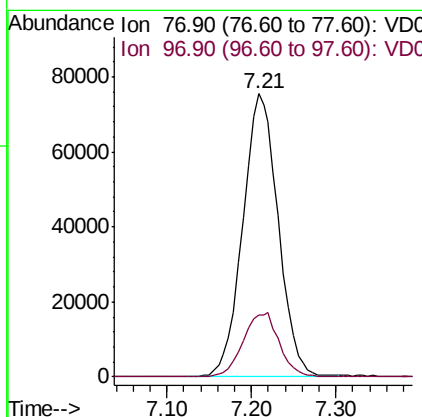
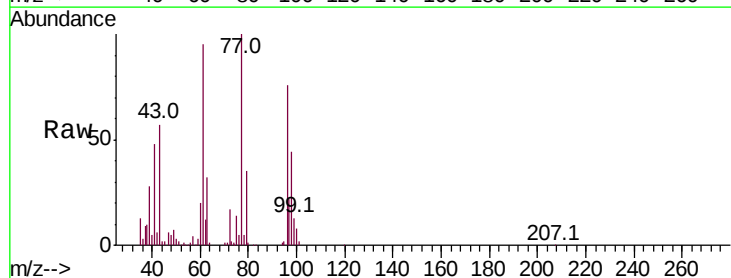
Acq: 15 Oct 2020 17:23

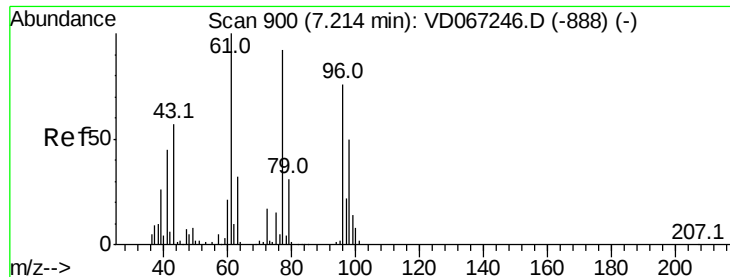
Tgt Ion: 77 Resp: 220036

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.844 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

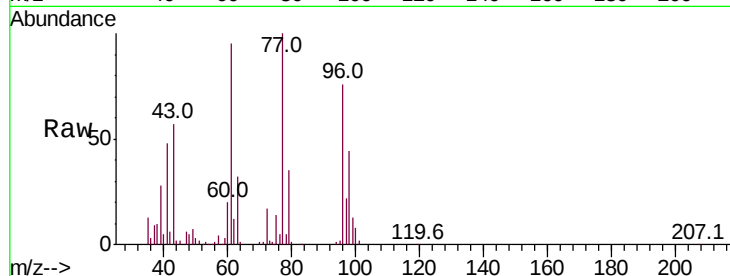
Tot Ion: 96 Resp: 155351

Ion Ratio Lower Upper

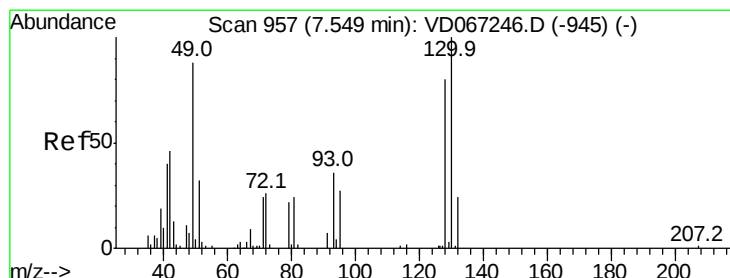
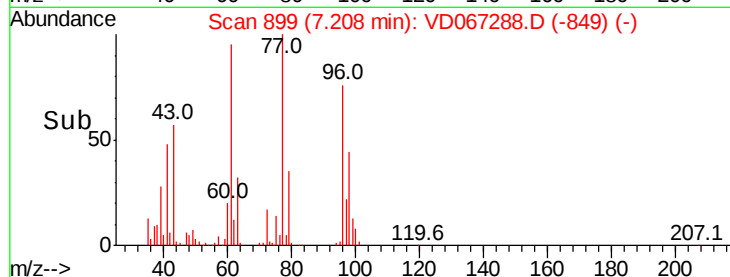
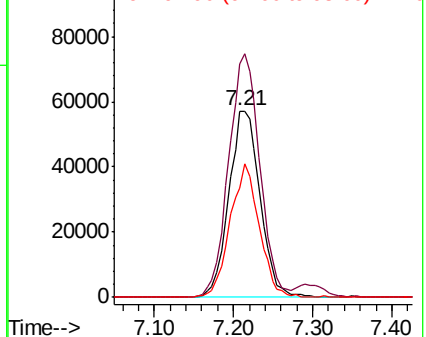
96 100

61 130.3 0.0 255.4

98 66.8 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: 49.191 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

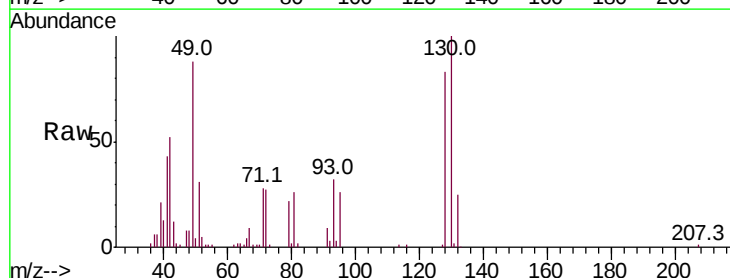
Tgt Ion: 49 Resp: 79006

Ion Ratio Lower Upper

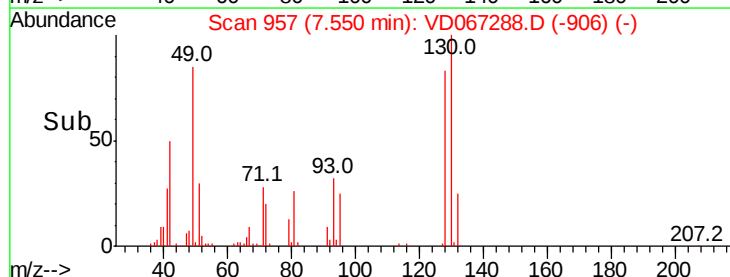
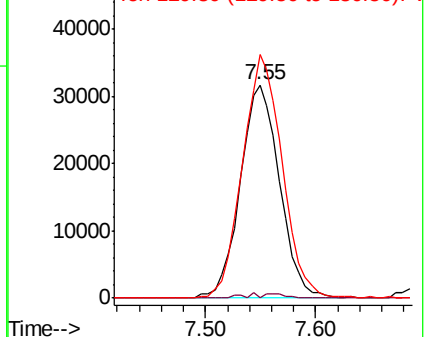
49 100

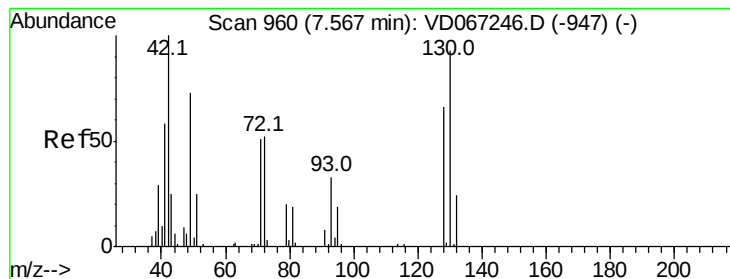
129 1.1 0.0 1.6

130 115.5 91.0 136.6



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





#29

Tetrahydrofuran

Concen: 240.234 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

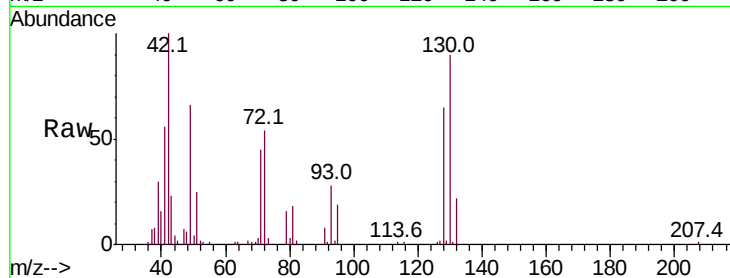
Tot Ion: 42 Resp: 68048

Ion Ratio Lower Upper

42 100

72 54.5 43.2 64.8

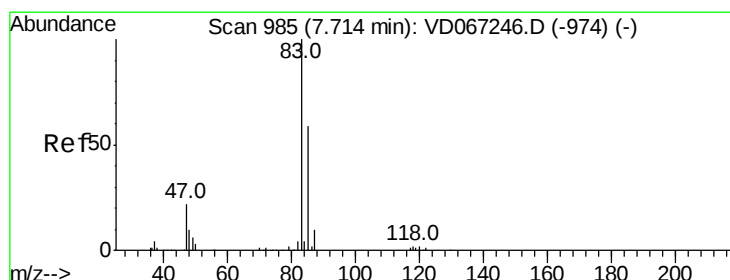
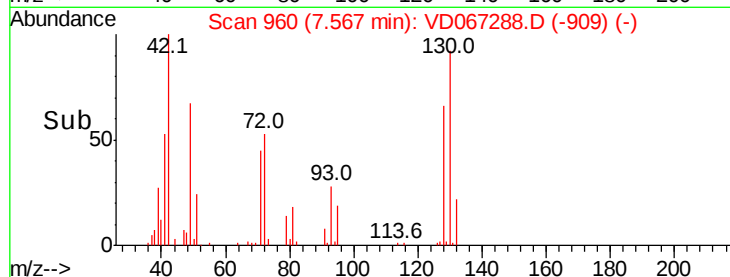
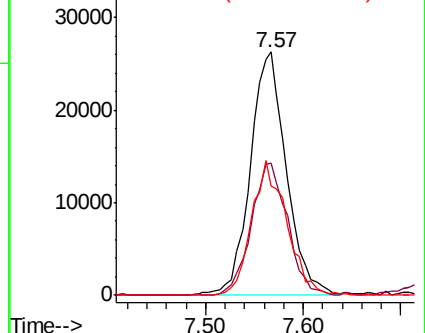
71 54.0 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 47.549 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067288.D

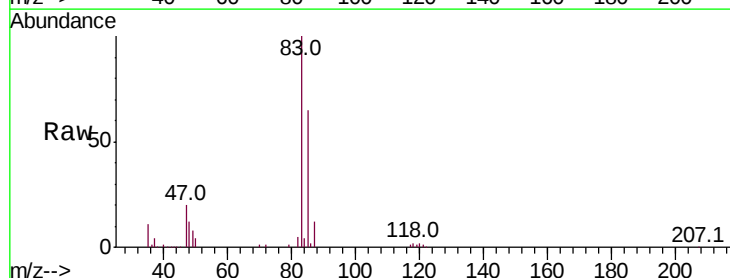
Acq: 15 Oct 2020 17:23

Tgt Ion: 83 Resp: 267465

Ion Ratio Lower Upper

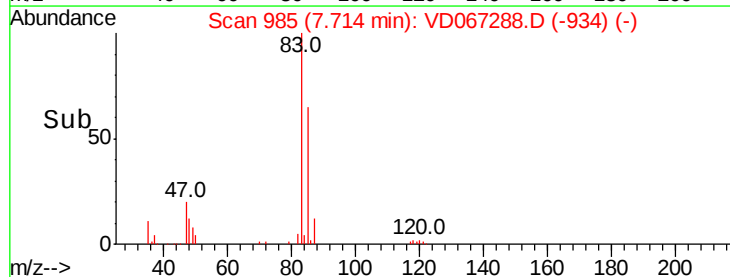
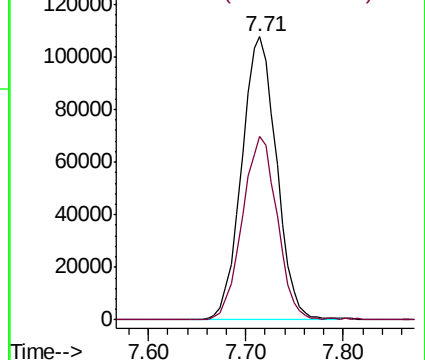
83 100

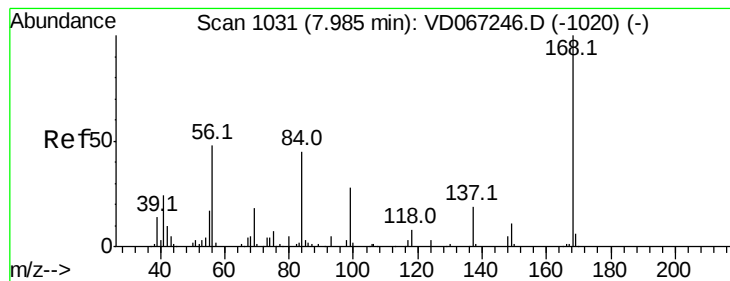
85 64.9 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 42.521 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

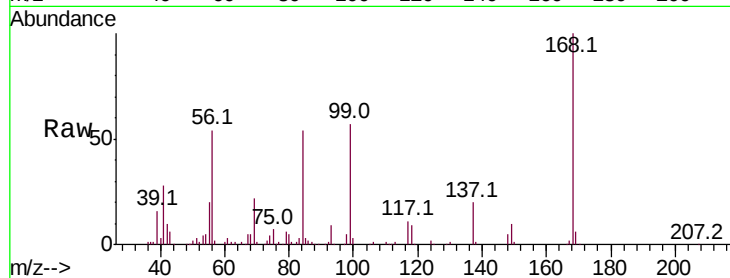
Tot Ion: 56 Resp: 156324

Ion Ratio Lower Upper

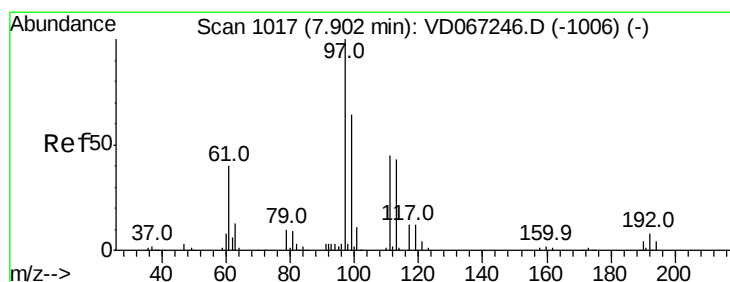
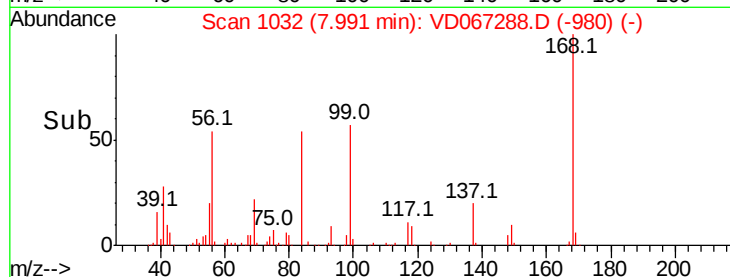
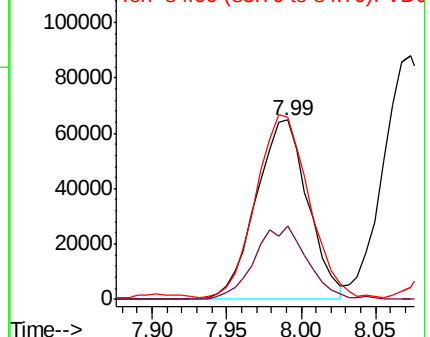
56 100

69 40.4 29.8 44.6

84 100.1 76.6 114.8



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



#32

1,1,1-Trichloroethane

Concen: 46.723 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

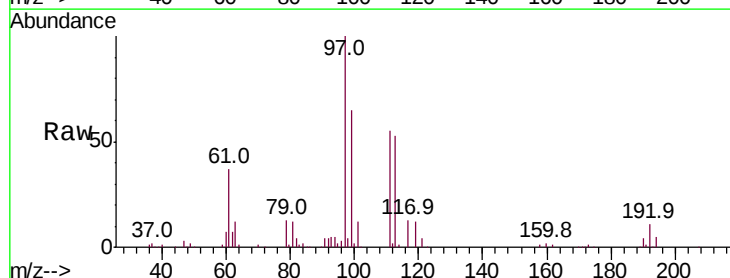
Tgt Ion: 97 Resp: 257867

Ion Ratio Lower Upper

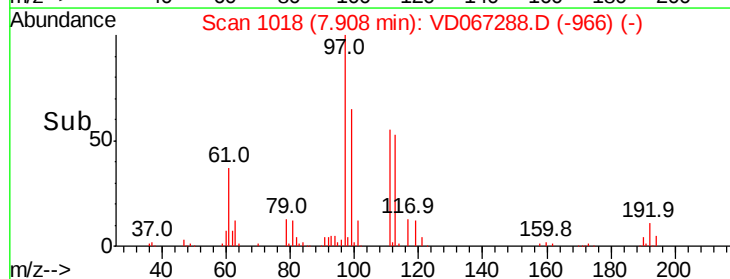
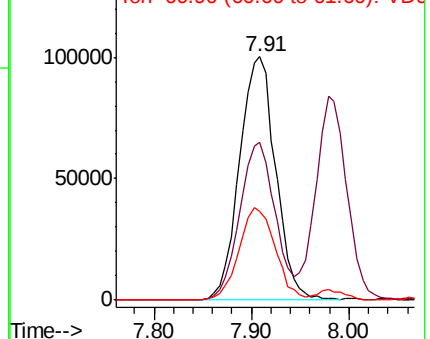
97 100

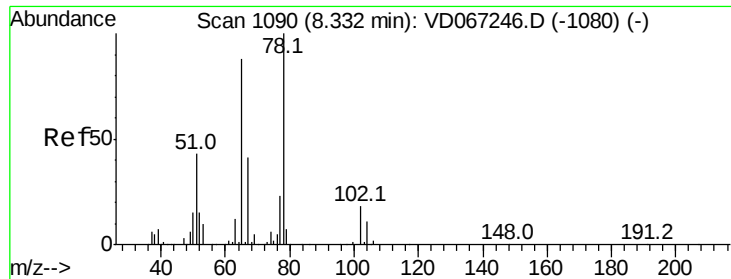
99 63.7 50.2 75.4

61 38.2 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

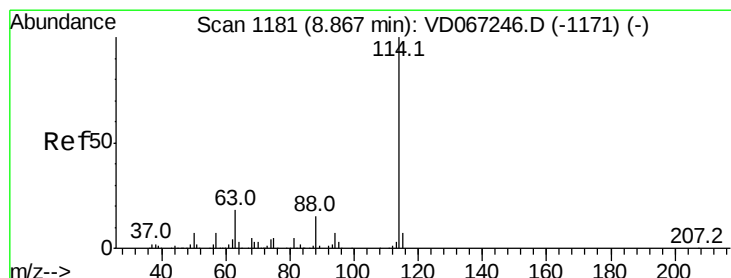
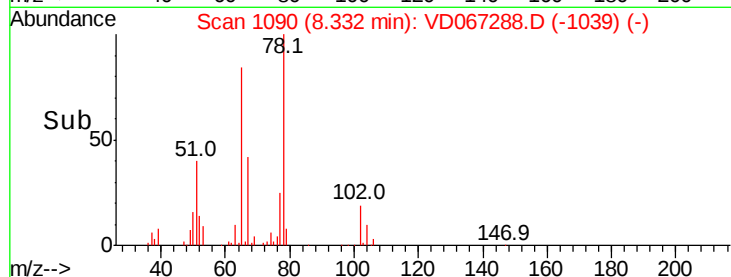
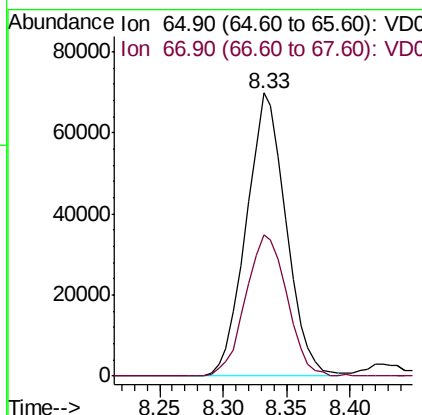
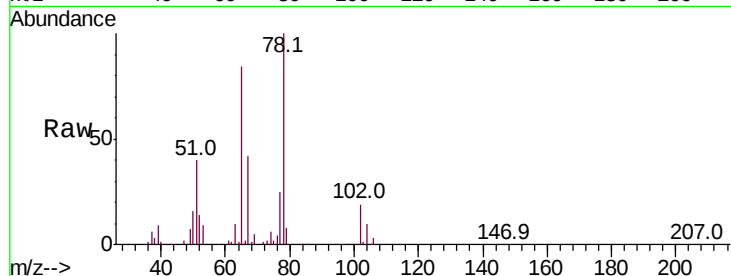




#33
 1,2-Dichloroethane-d4
 Concen: 47.852 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

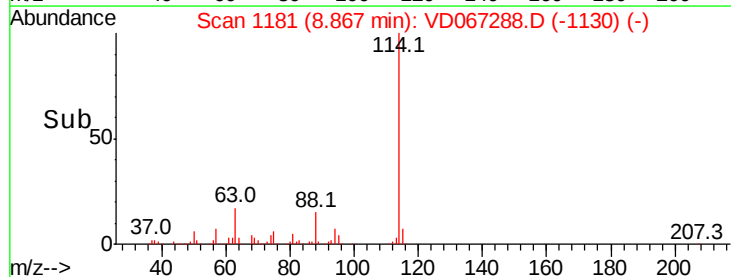
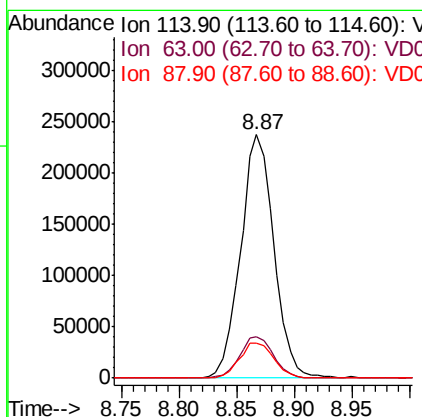
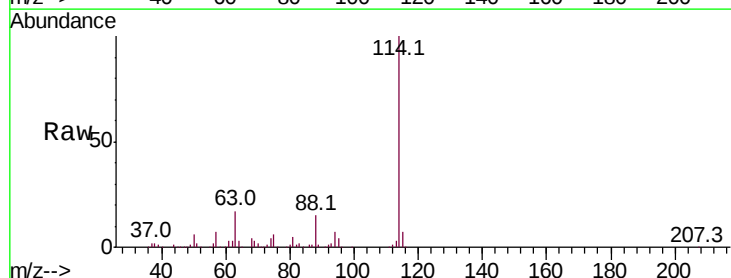
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

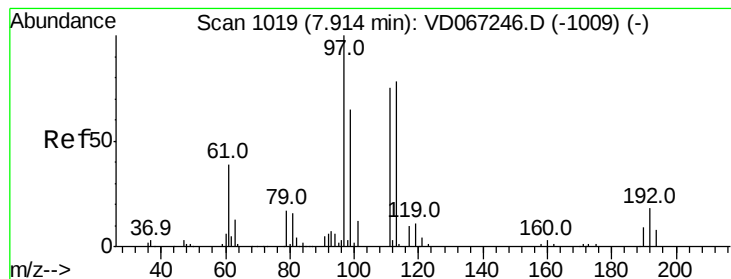
Tot Ion: 65 Resp: 152740
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 114 Resp: 476404
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.0
 88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.981 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

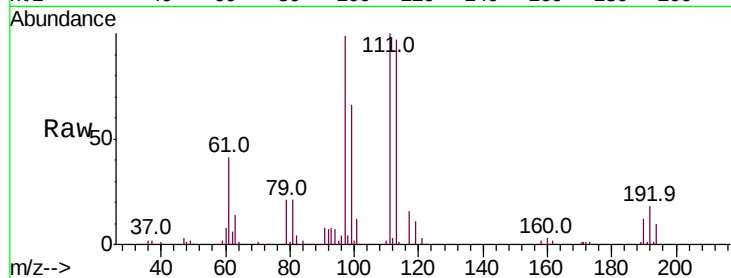
Tot Ion:113 Resp: 158462

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

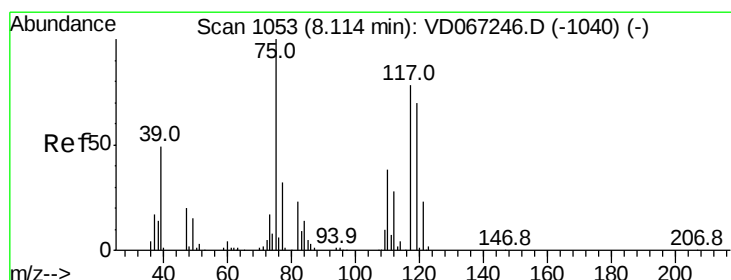
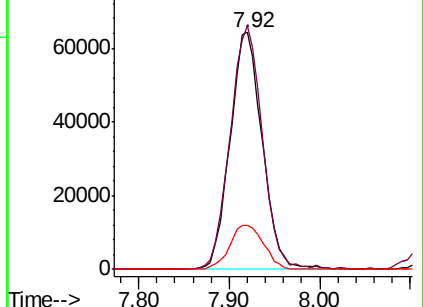
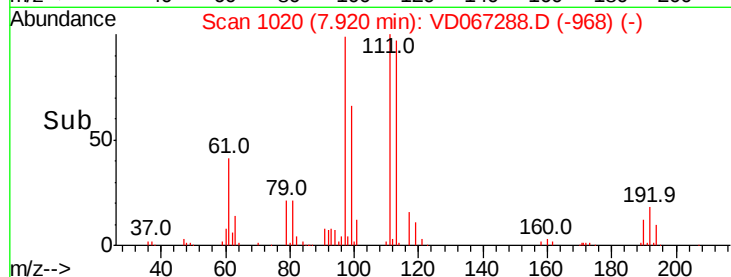
192 19.6 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.850 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

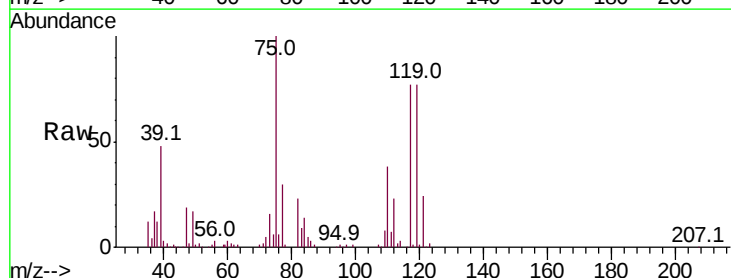
Tgt Ion: 75 Resp: 189174

Ion Ratio Lower Upper

75 100

110 37.6 19.6 58.7

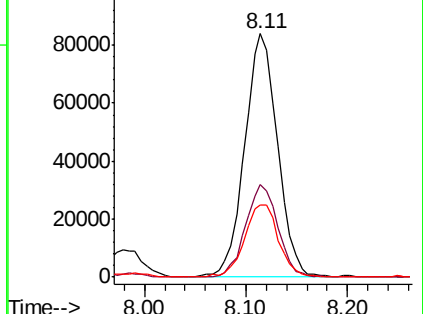
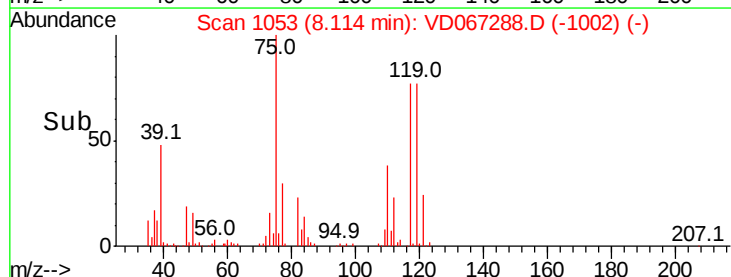
77 31.1 24.6 37.0

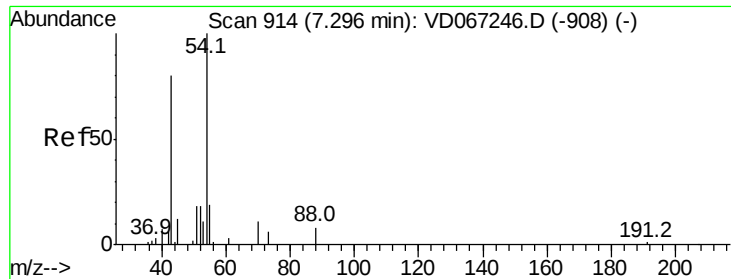


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

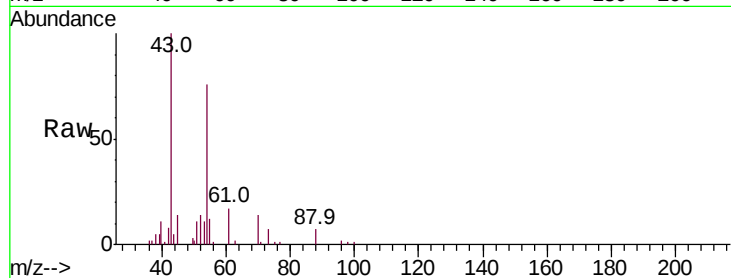




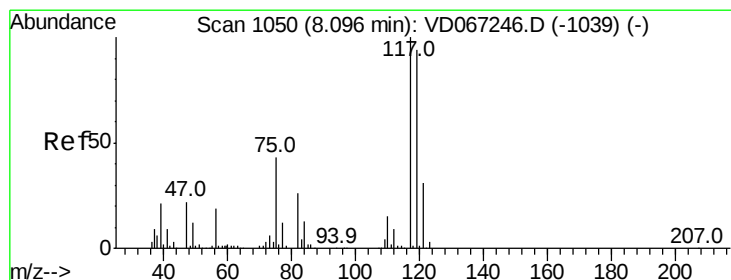
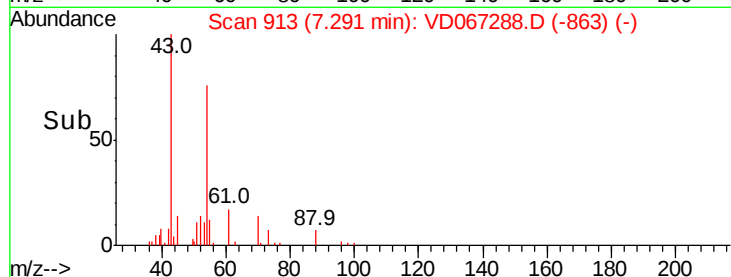
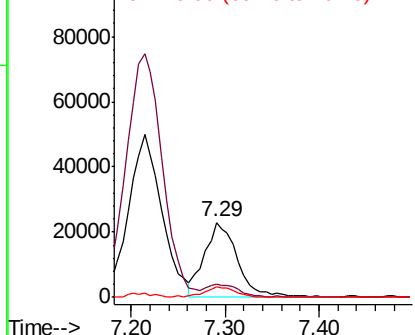
#37
Ethyl Acetate
Concen: 47.858 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 56856
Ion Ratio Lower Upper
43 100
61 16.4 15.6 23.4
70 13.6 10.4 15.6

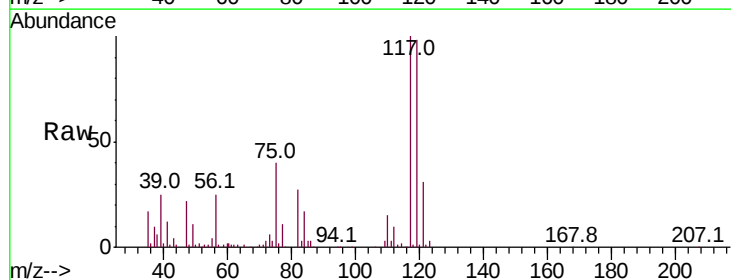


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

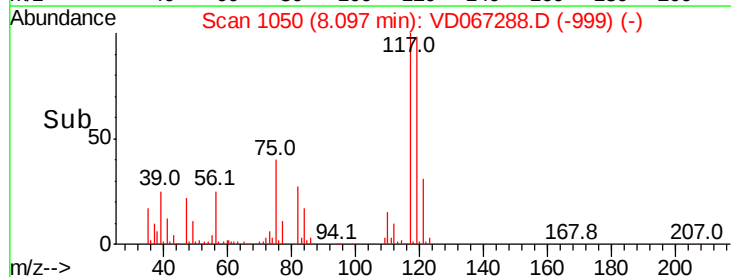
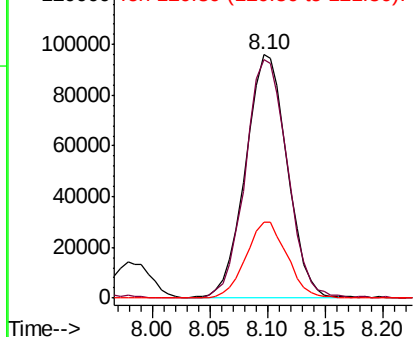


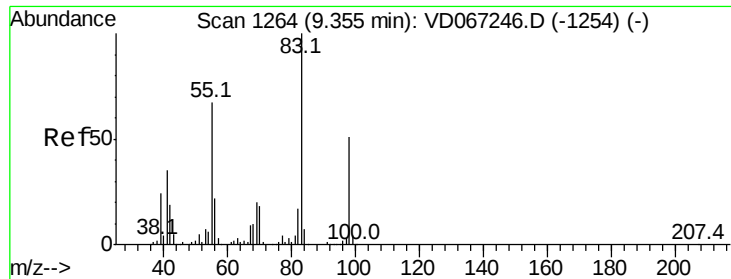
#38
Carbon Tetrachloride
Concen: 46.837 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion: 117 Resp: 241714
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.4
121 30.9 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

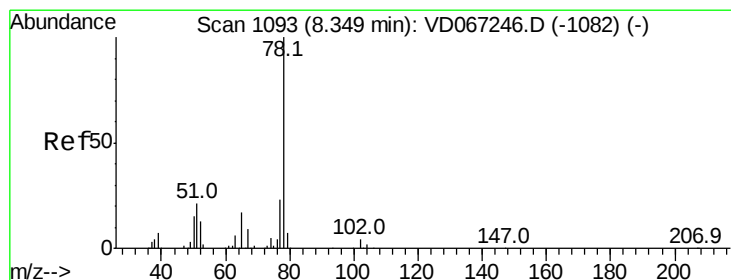
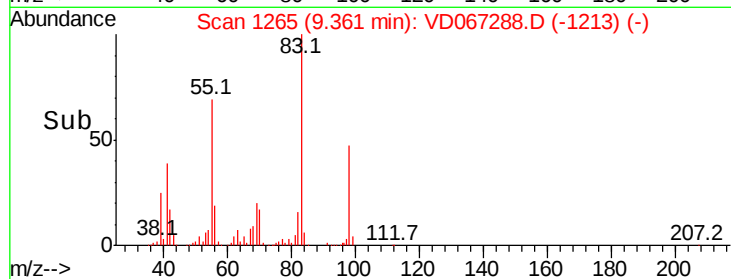
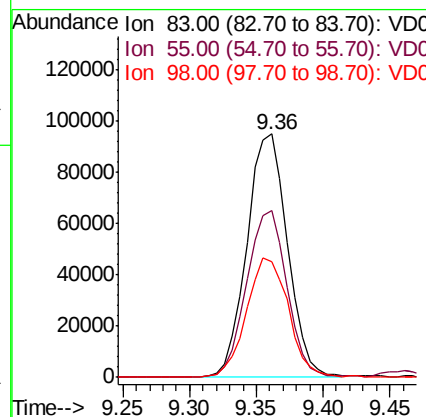
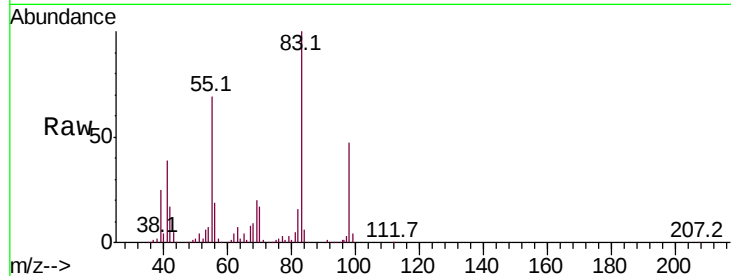




#39
Methvlcvclohexane
Concen: 47.455 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

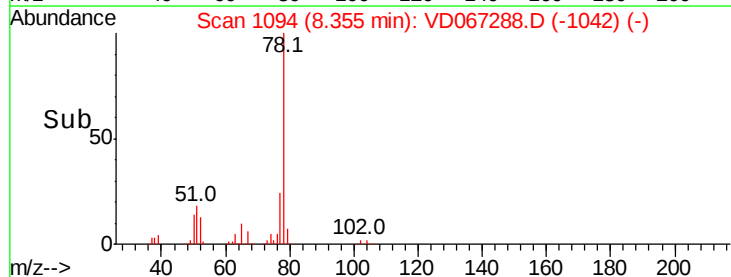
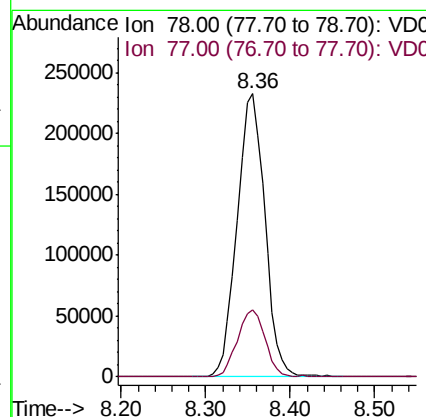
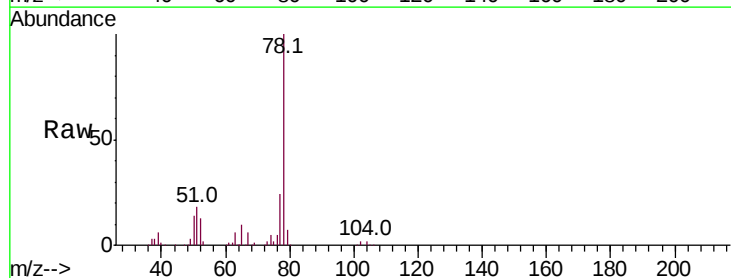
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

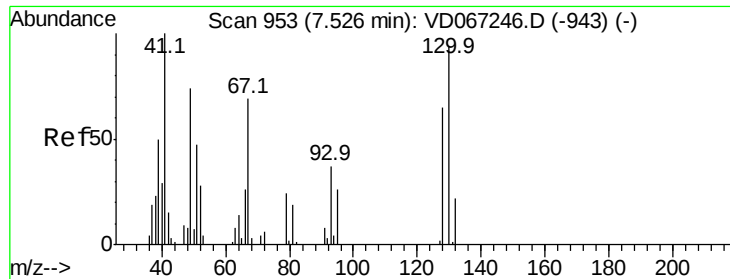
Tot Ion	83	Resp	200318
Ion Ratio	100	Lower	Upper
55	68.6	53.3	79.9
98	47.4	41.0	61.4



#40
Benzene
Concen: 47.643 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion	78	Resp	527757
Ion Ratio	100	Lower	Upper
77	23.6	18.3	27.5





#41

Methacrylonitrile

Concen: 55.399 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 35565

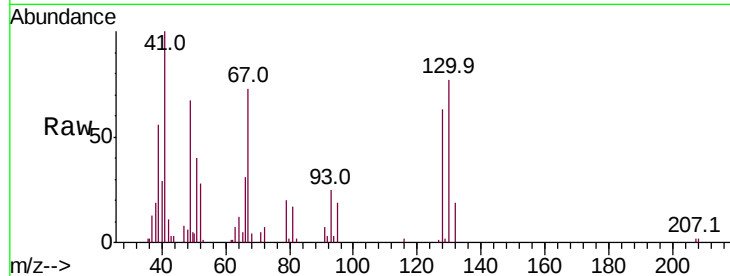
Ion Ratio Lower Upper

41 100

39 58.7 60.0 90.0#

67 81.0 88.9 133.3#

52 32.7 36.9 55.3#

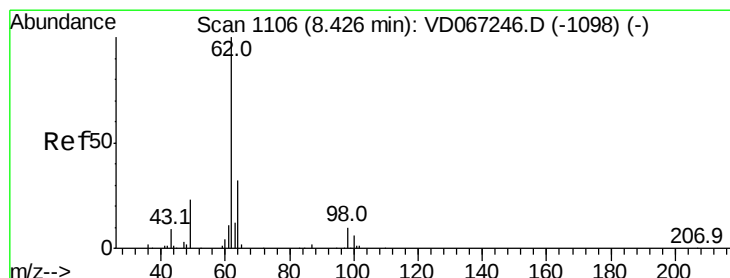
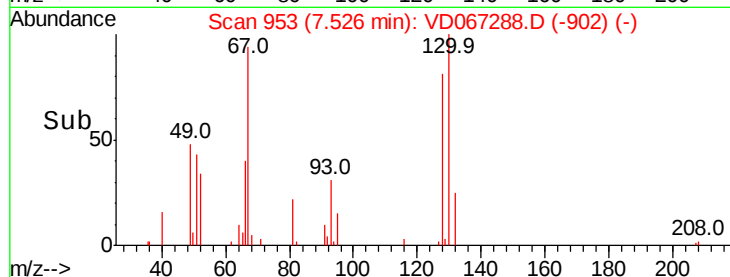
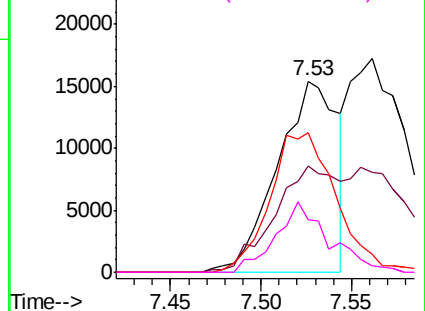


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.280 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067288.D

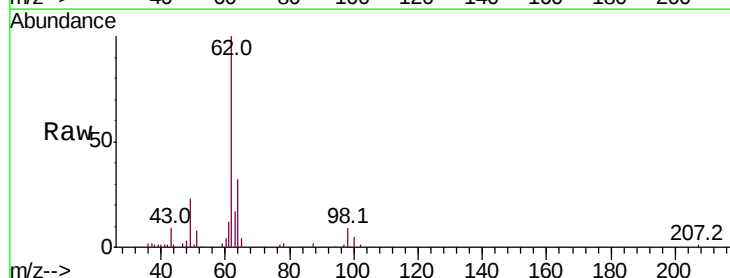
Acq: 15 Oct 2020 17:23

Tgt Ion: 62 Resp: 163904

Ion Ratio Lower Upper

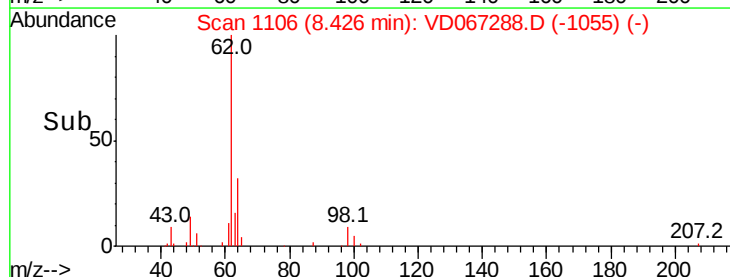
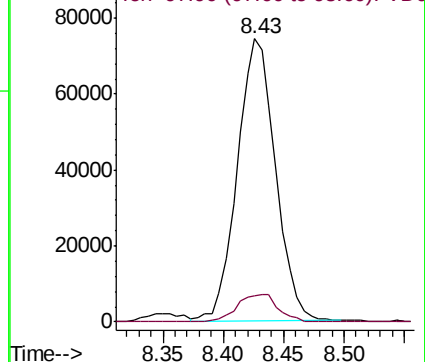
62 100

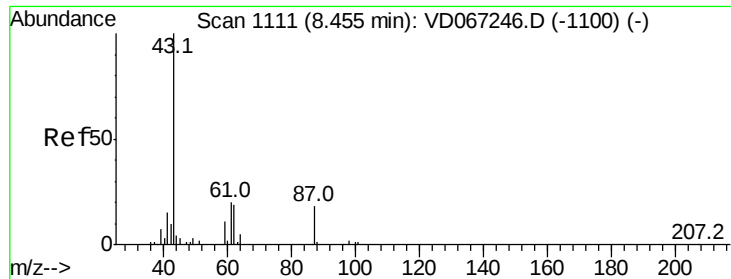
98 10.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.796 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

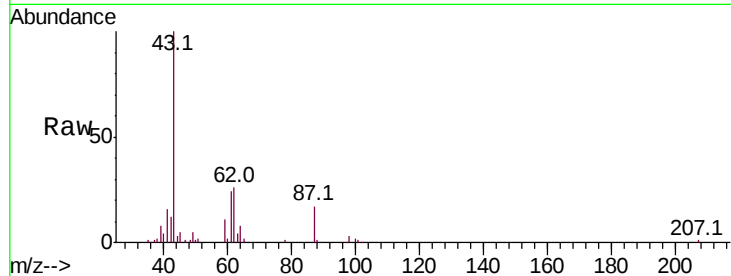
Tot Ion: 43 Resp: 110313

Ion Ratio Lower Upper

43 100

61 36.6 29.5 44.3

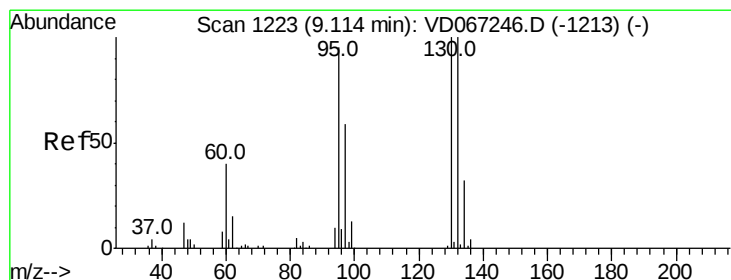
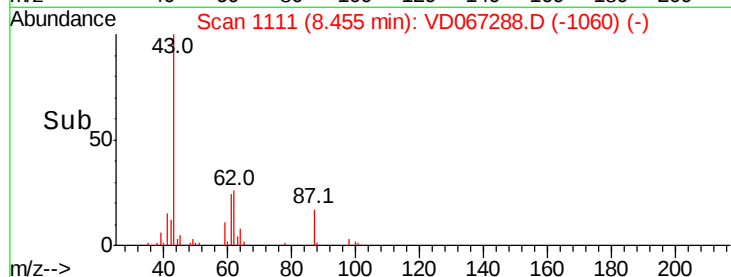
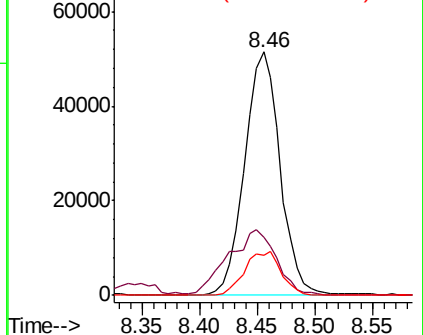
87 18.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 46.827 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067288.D

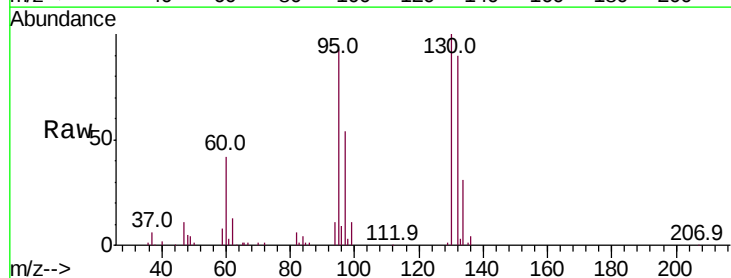
Acq: 15 Oct 2020 17:23

Tgt Ion:130 Resp: 166081

Ion Ratio Lower Upper

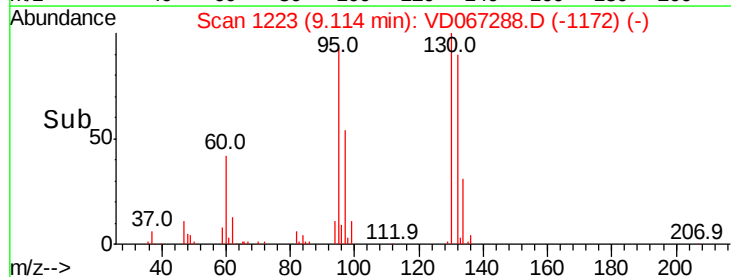
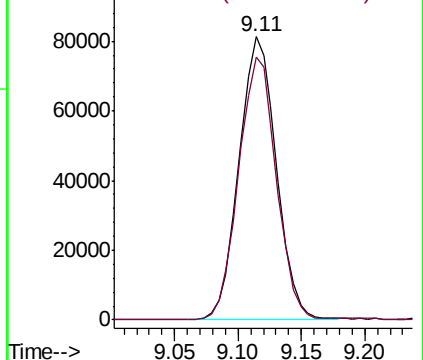
130 100

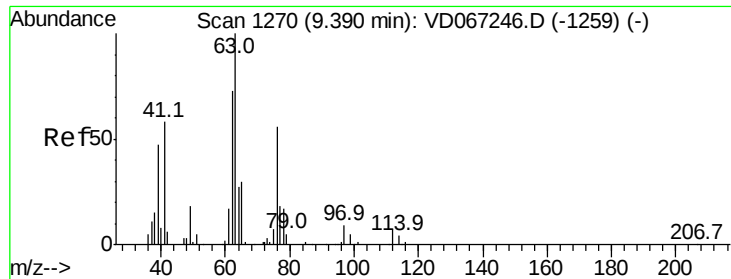
95 93.1 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

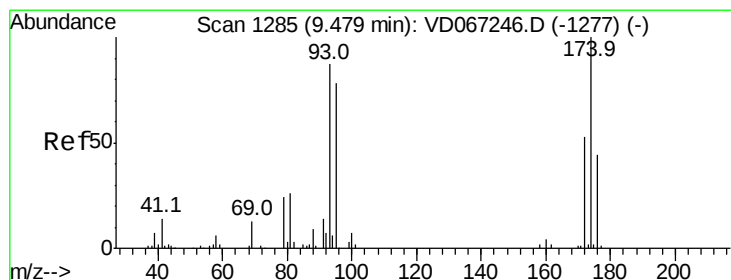
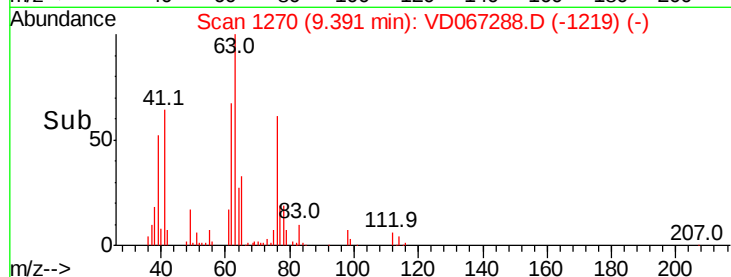
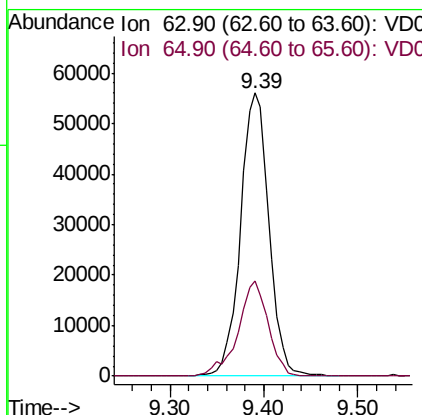
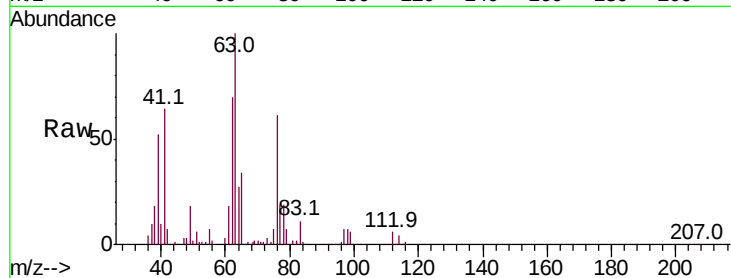




#45
 1,2-Dichloropropane
 Concen: 45.733 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

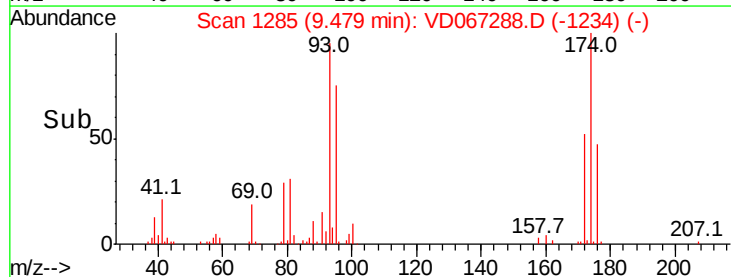
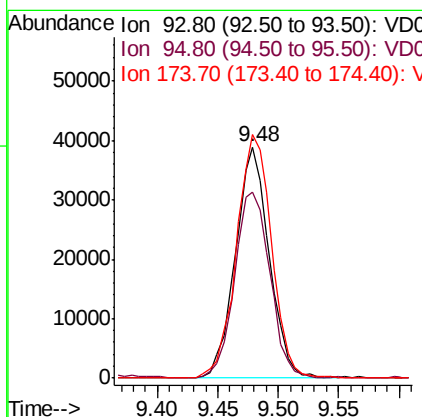
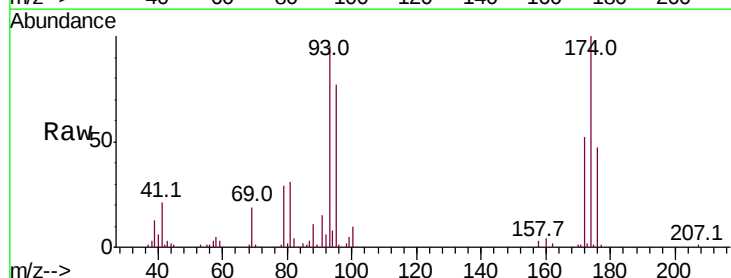
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

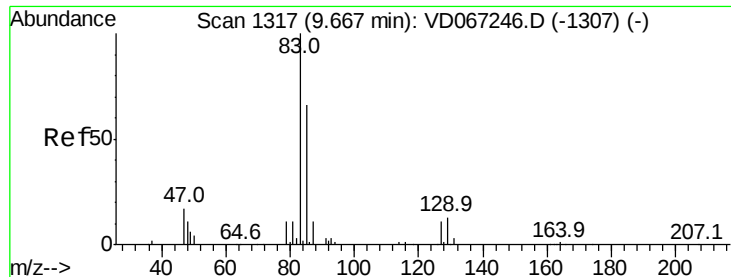
Tot Ion: 63 Resp: 117410
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.6 36.8



#46
 Dibromomethane
 Concen: 47.314 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 93 Resp: 75681
 Ion Ratio Lower Upper
 93 100
 95 84.5 68.0 102.0
 174 109.9 91.8 137.6





#47

Bromodichloromethane

Concen: 47.600 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

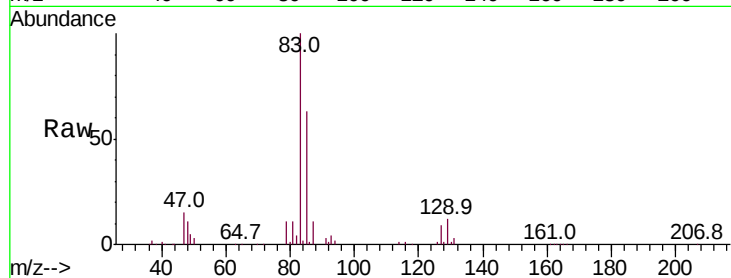
Tot Ion: 83 Resp: 203990

Ion Ratio Lower Upper

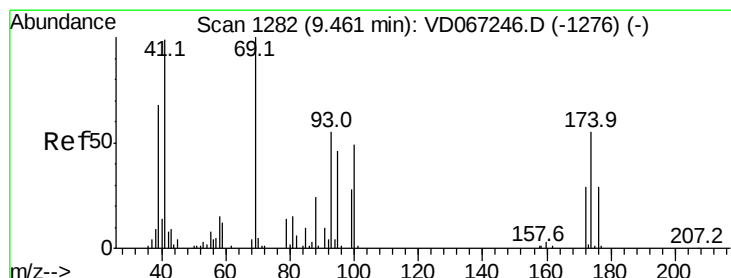
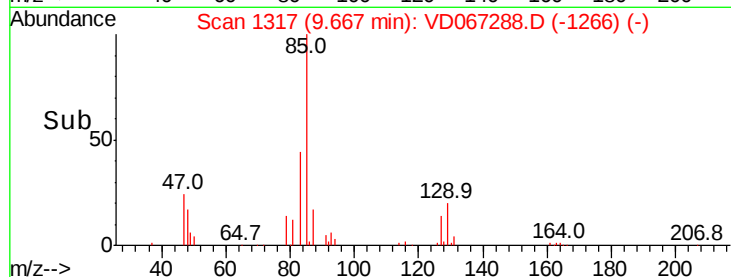
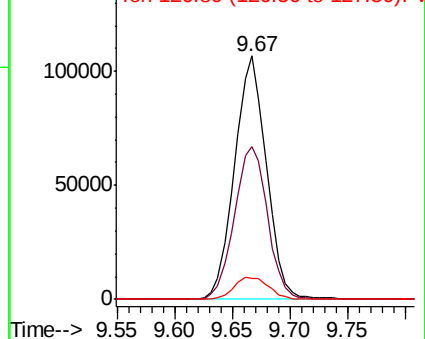
83 100

85 62.5 53.1 79.7

127 8.7 8.6 13.0



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



#48

Methyl methacrylate

Concen: 49.338 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

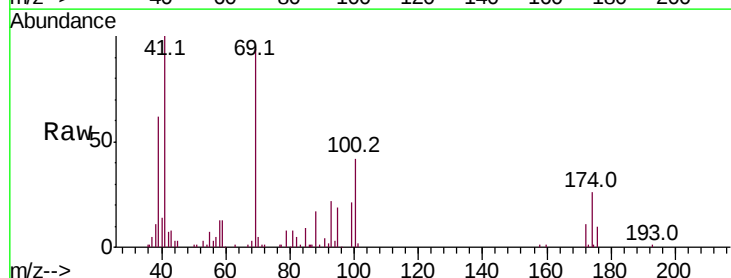
Tgt Ion: 41 Resp: 56520

Ion Ratio Lower Upper

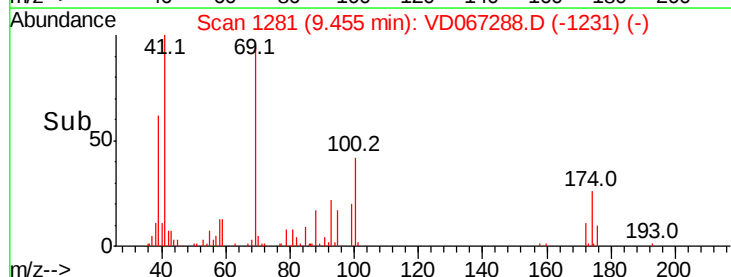
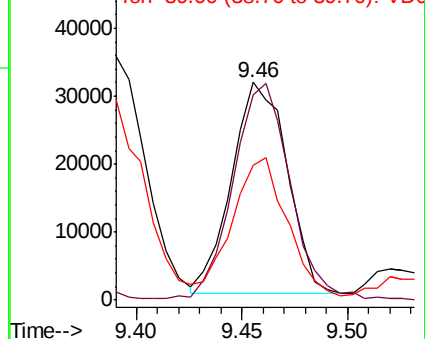
41 100

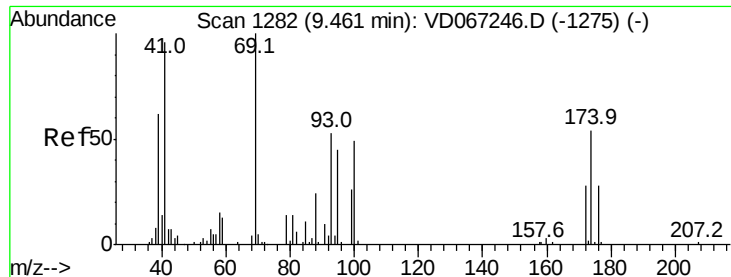
69 106.8 89.0 133.6

39 68.9 60.2 90.2



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

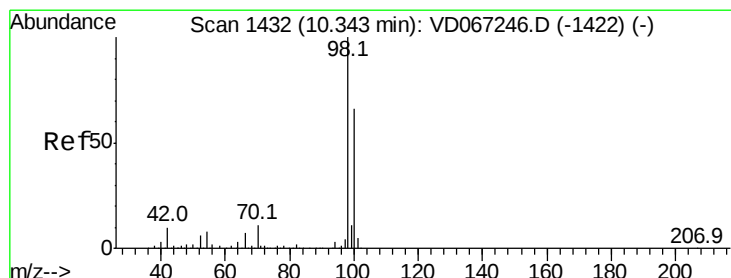
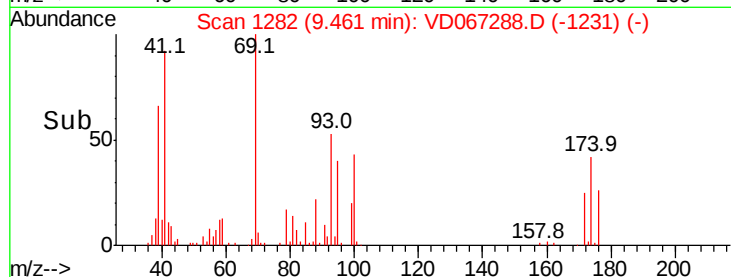
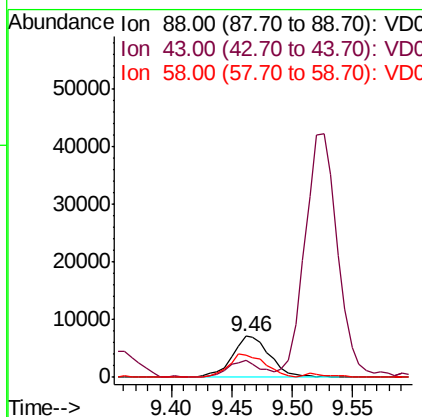
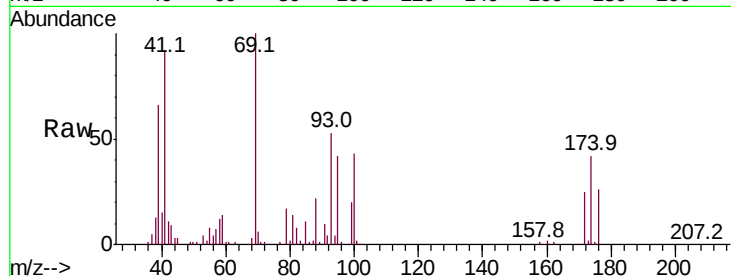




#49
 1,4-Dioxane
 Concen: 999.718 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

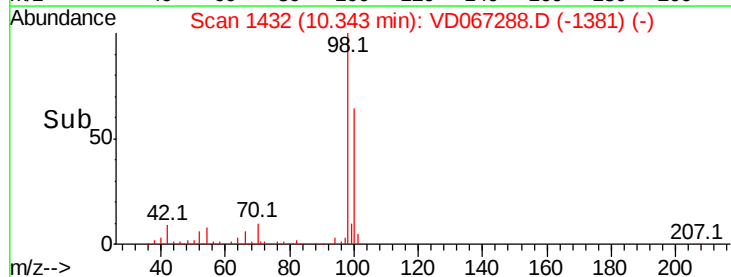
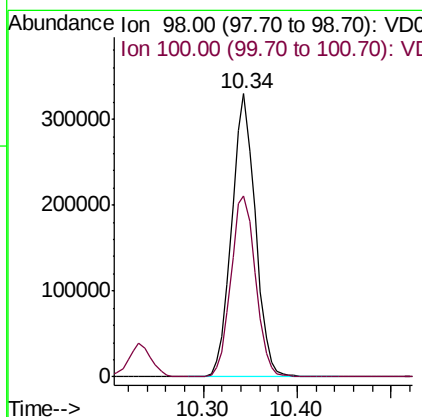
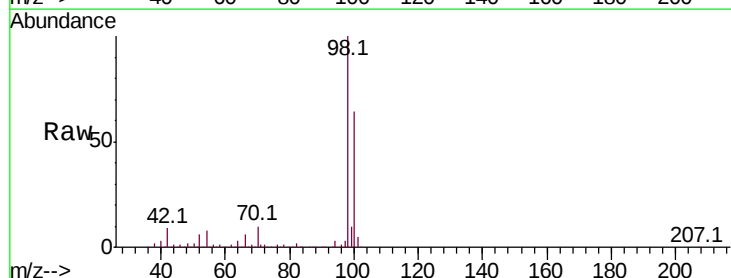
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

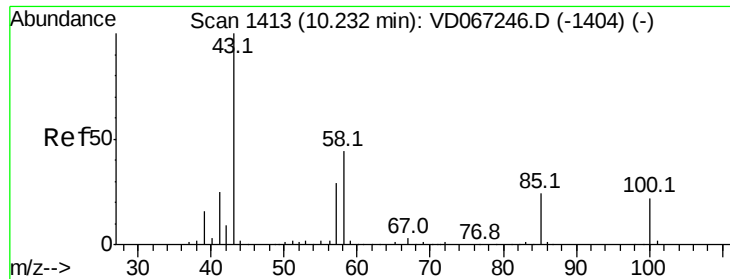
Tot Ion: 88 Resp: 15475
 Ion Ratio Lower Upper
 88 100
 43 35.8 23.9 35.9
 58 55.3 51.0 76.6



#50
 Toluene-d8
 Concen: 50.208 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 98 Resp: 576072
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 241.724 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

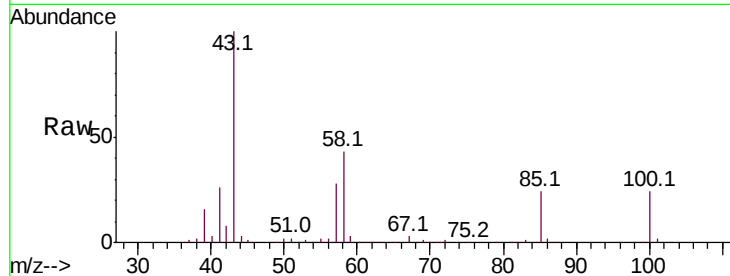
VSTDCCC050EC

Tot Ion: 43 Resp: 284208

Ion Ratio Lower Upper

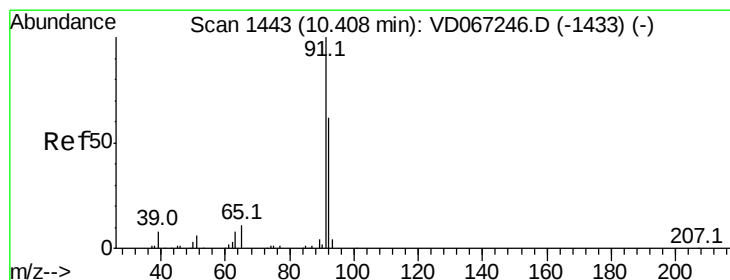
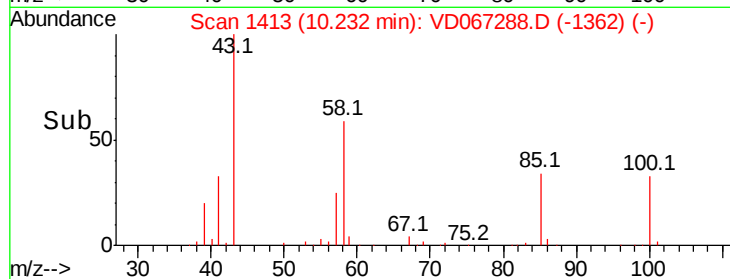
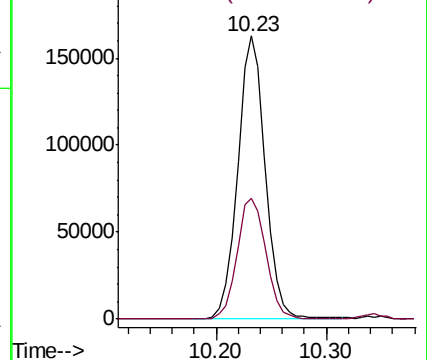
43 100

58 44.9 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.482 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067288.D

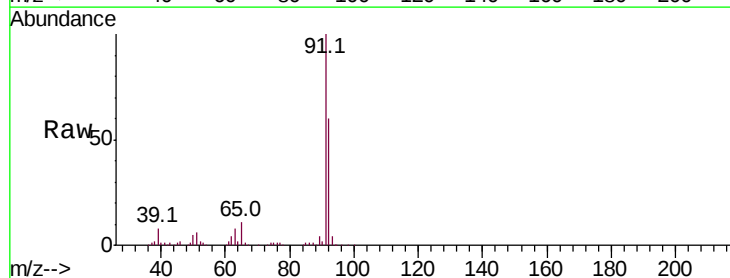
Acq: 15 Oct 2020 17:23

Tgt Ion: 92 Resp: 365791

Ion Ratio Lower Upper

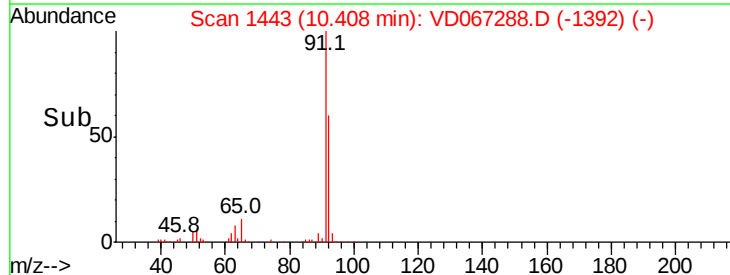
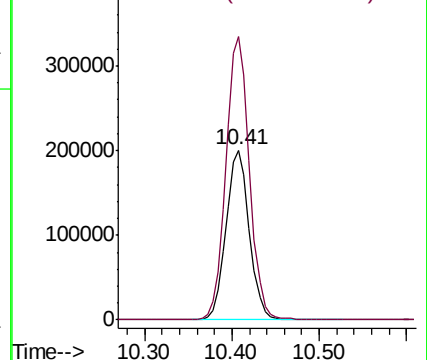
92 100

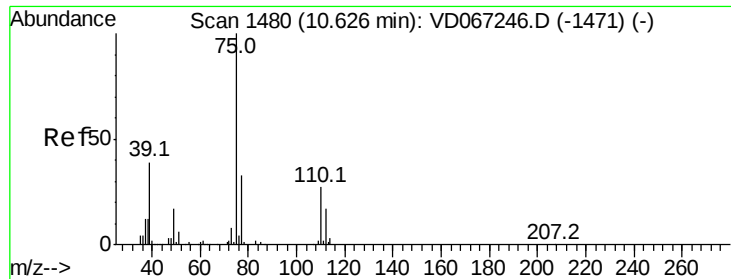
91 169.1 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 47.335 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

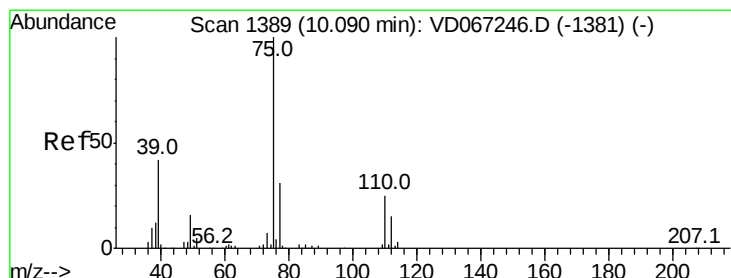
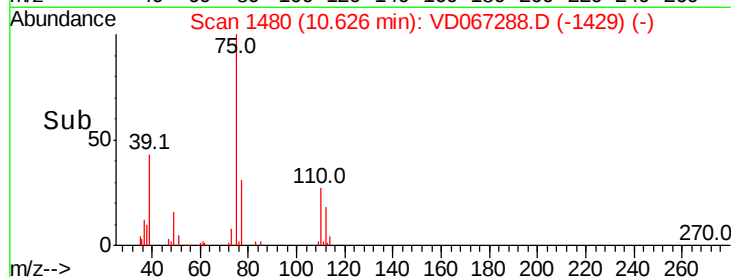
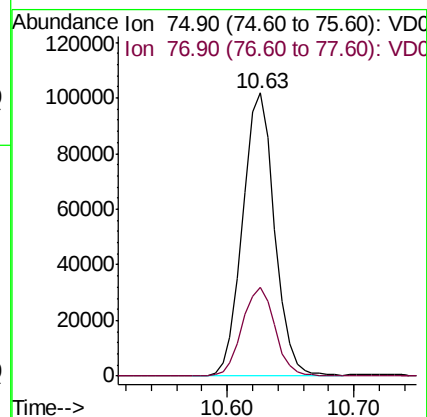
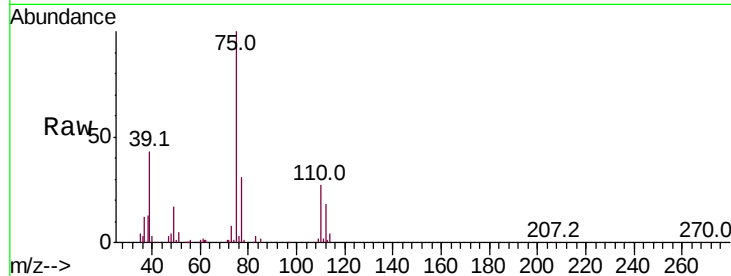
VSTDCCC050EC

Tot Ion: 75 Resp: 178200

Ion Ratio Lower Upper

75 100

77 31.5 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 48.357 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

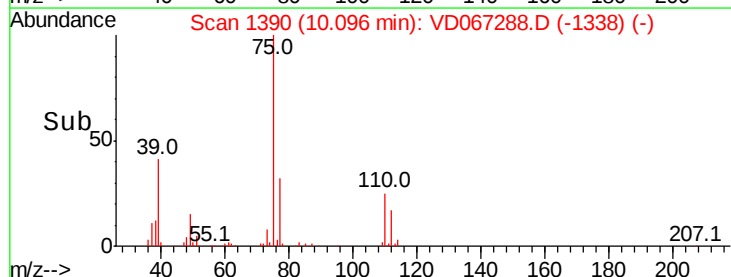
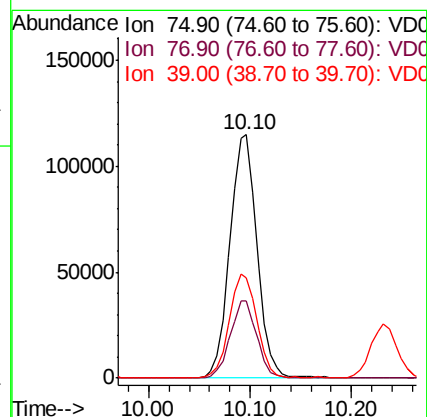
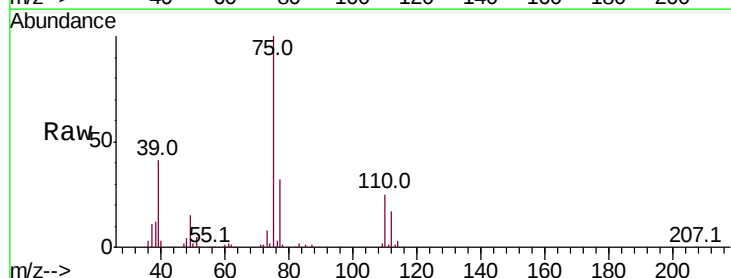
Tgt Ion: 75 Resp: 213050

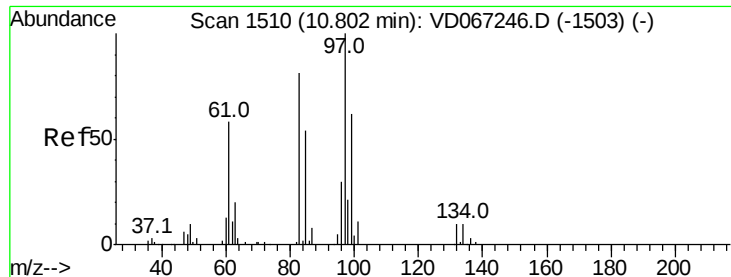
Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7

39 41.0 33.7 50.5

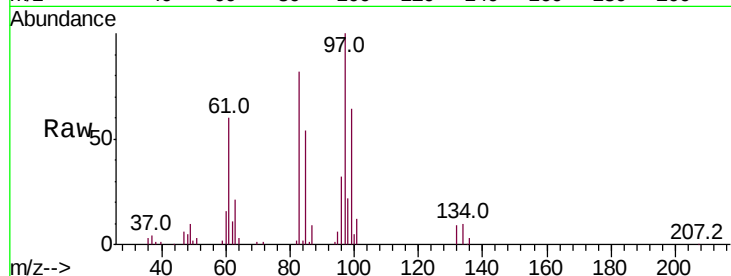




#55
 1,1,2-Trichloroethane
 Concen: 48.006 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	104710
Ion	Ratio	Lower	Upper
97	100		
83	82.4	64.9	97.3
85	54.1	43.3	64.9
99	64.0	49.1	73.7



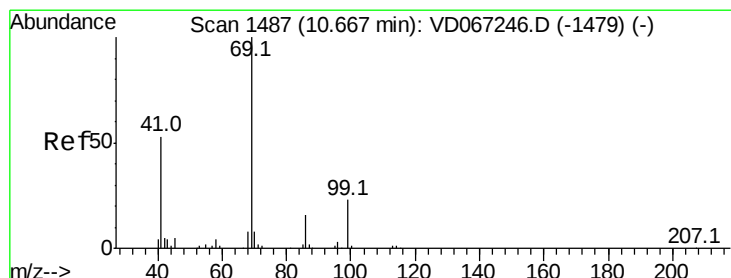
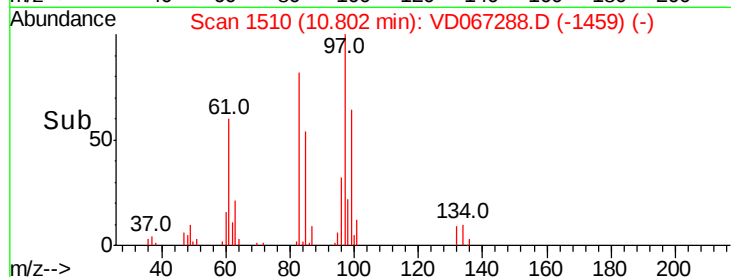
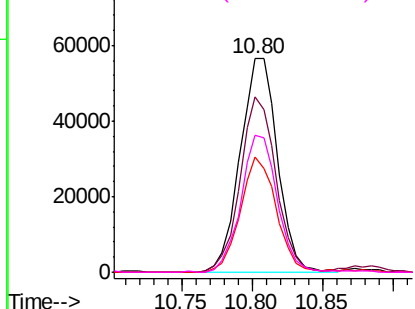
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

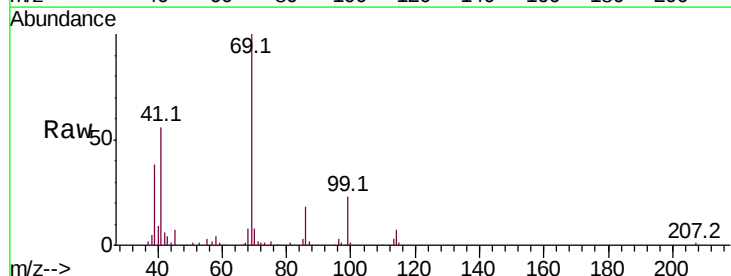
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 49.994 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion	69	Resp	113092
Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.7	67.1
39	32.9	26.2	39.2

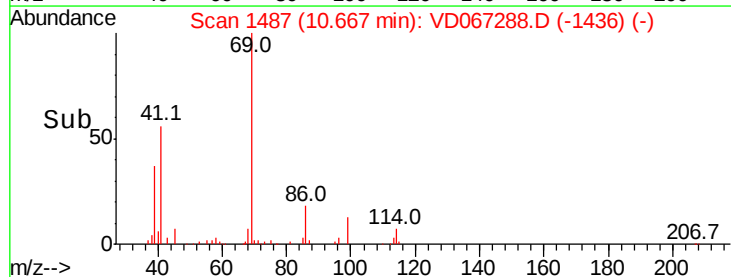
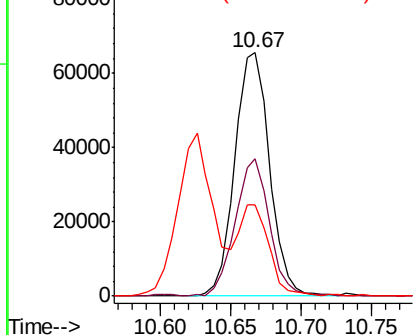


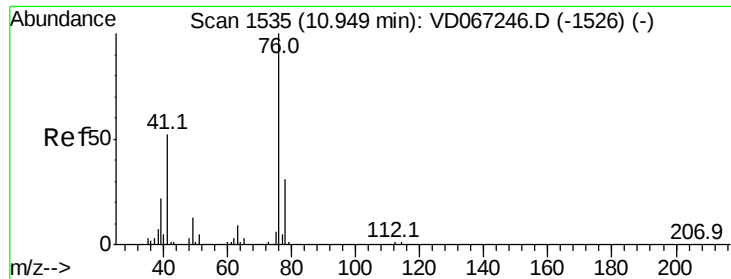
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

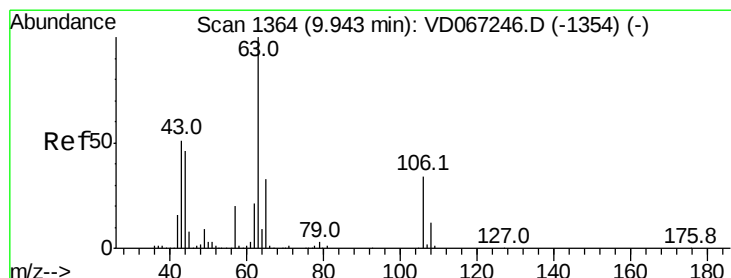
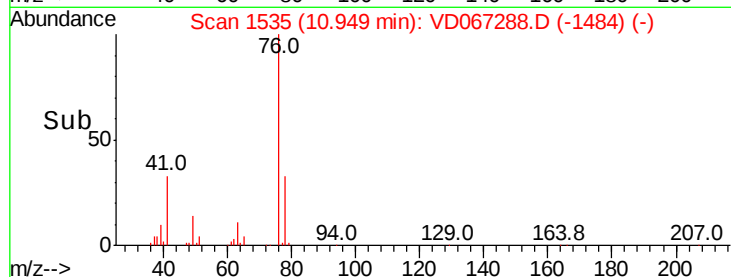
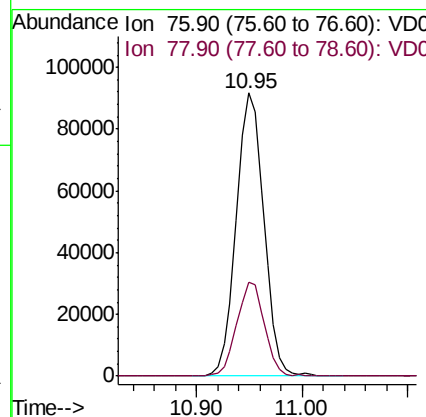
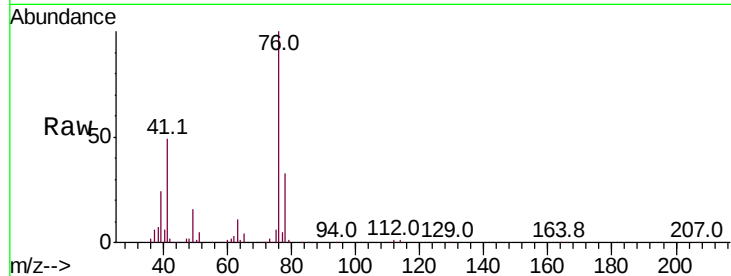




#57
 1,3-Dichloropropane
 Concen: 47.620 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

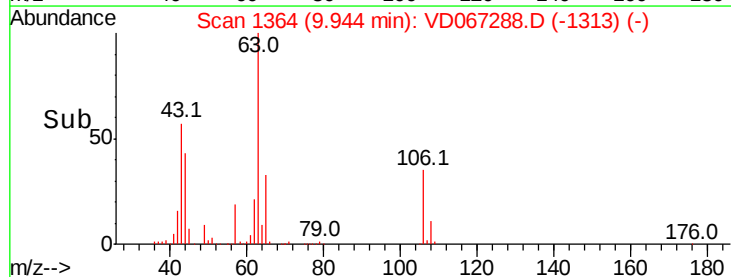
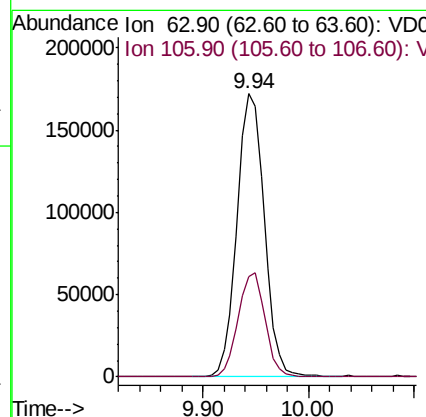
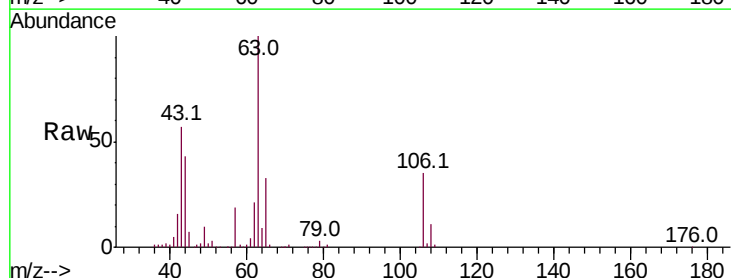
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

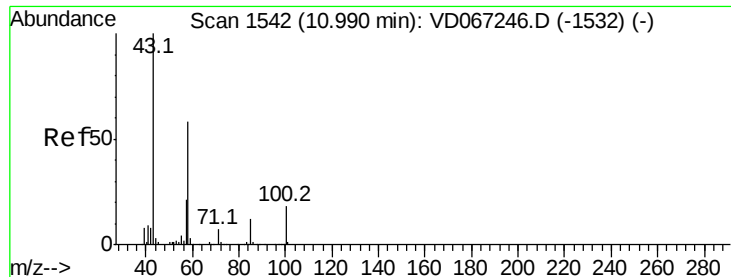
Tot Ion: 76 Resp: 165299
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.144 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 63 Resp: 307692
 Ion Ratio Lower Upper
 63 100
 106 36.2 27.8 41.6

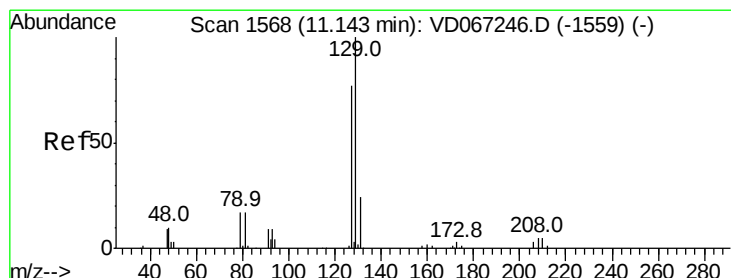
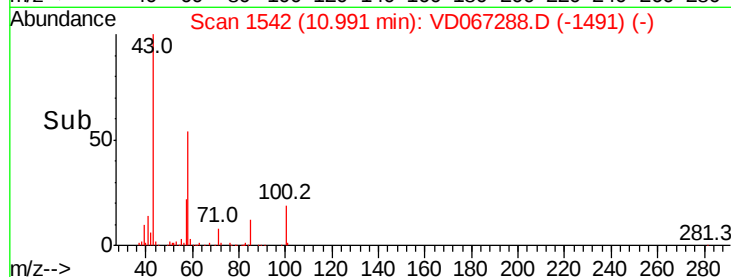
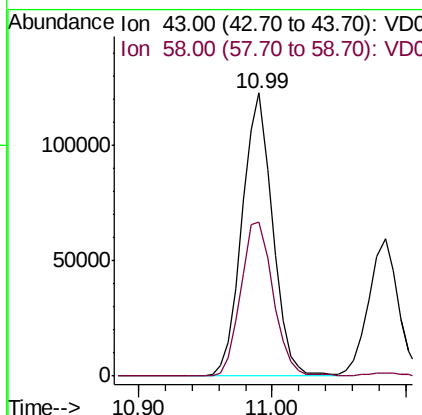
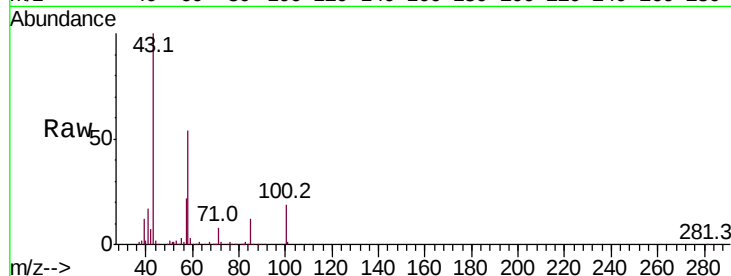




#59
2-Hexanone
Concen: 241.484 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

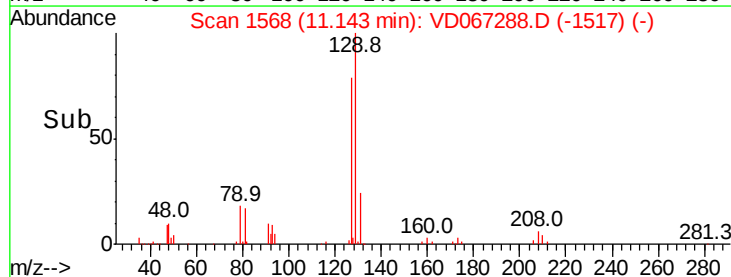
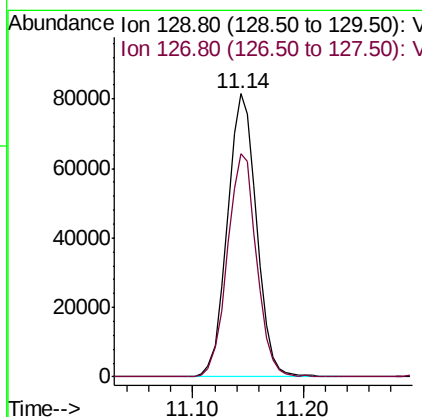
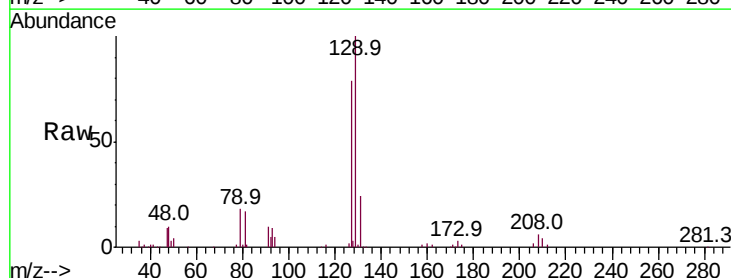
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

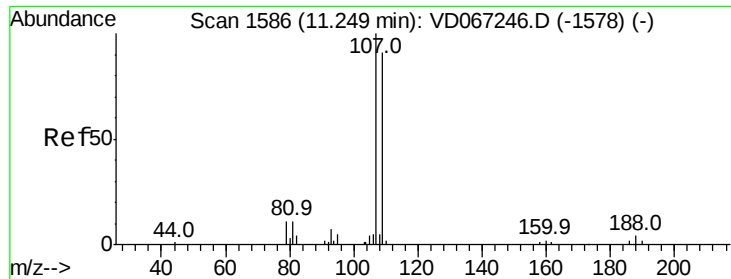
Tot Ion: 43 Resp: 194015
Ion Ratio Lower Upper
43 100
58 58.0 29.3 87.9



#60
Dibromochloromethane
Concen: 47.434 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion: 129 Resp: 150884
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.8

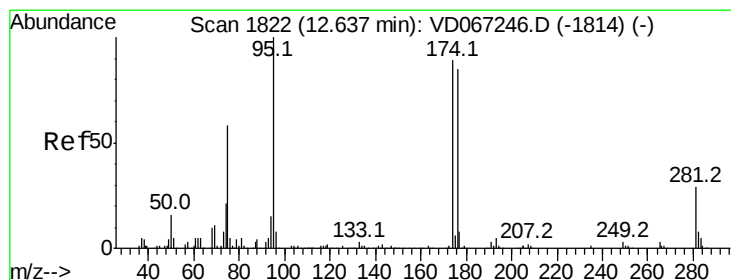
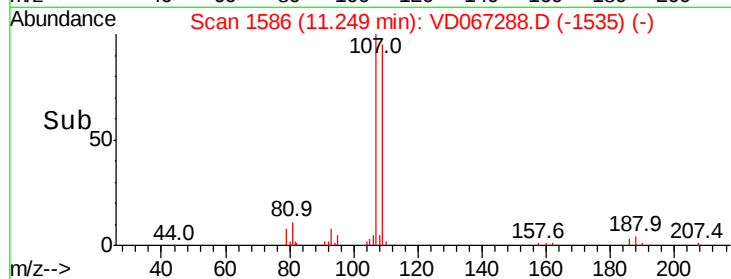
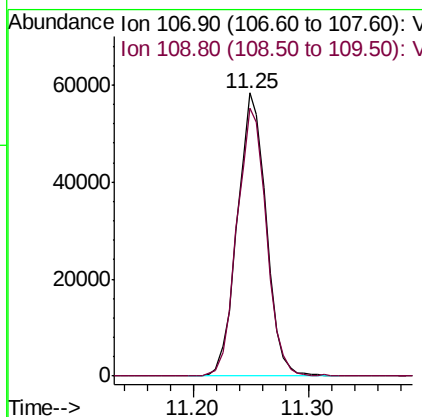
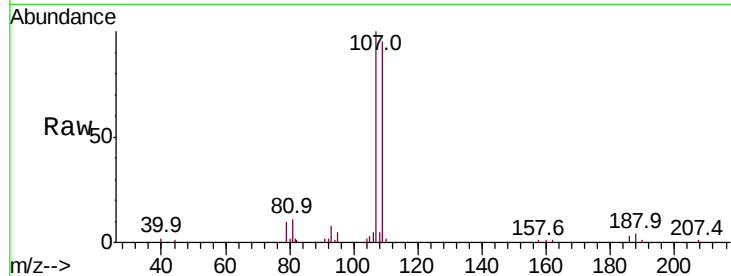




#61
 1,2-Dibromoethane
 Concen: 46.907 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

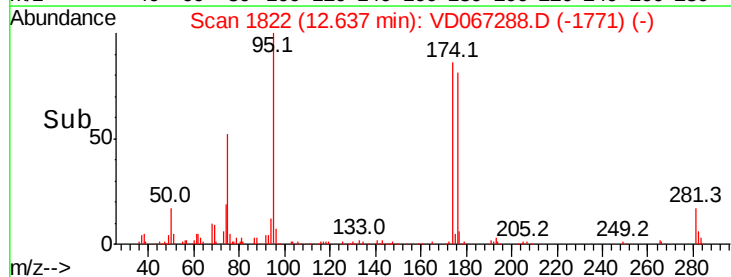
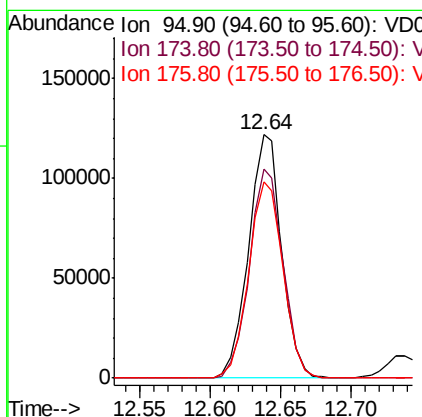
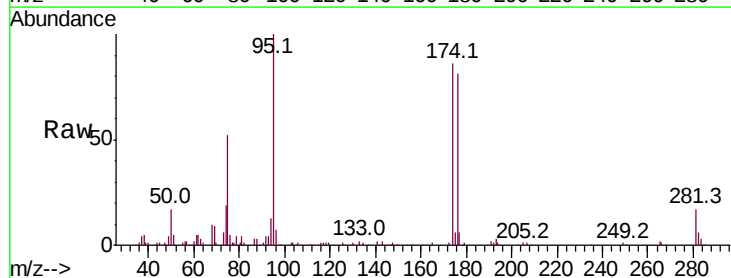
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

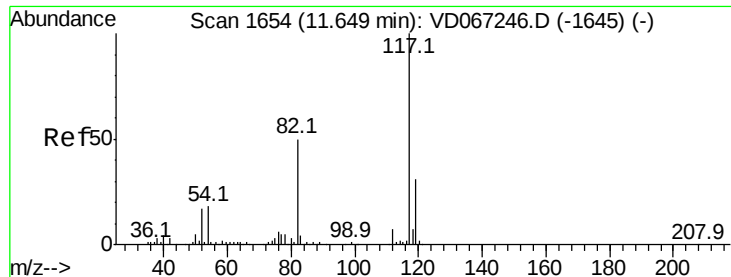
Tot Ion:107 Resp: 100865
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.223 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 95 Resp: 200370
 Ion Ratio Lower Upper
 95 100
 174 86.9 0.0 175.2
 176 83.6 0.0 168.6

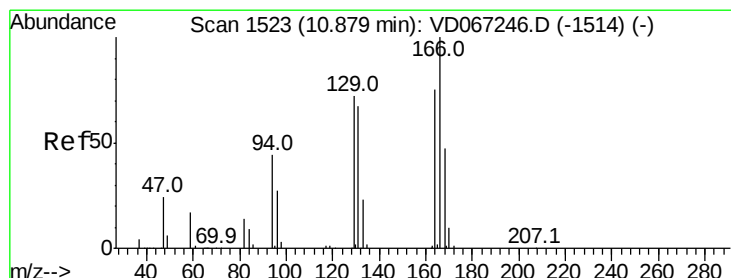
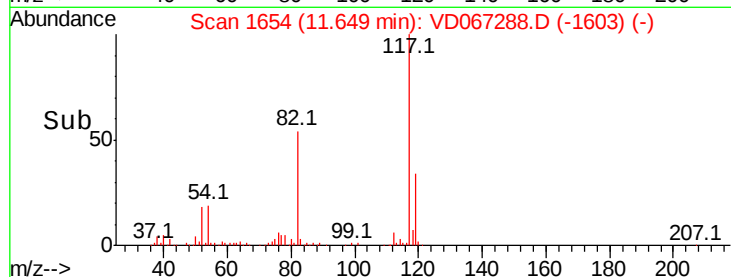
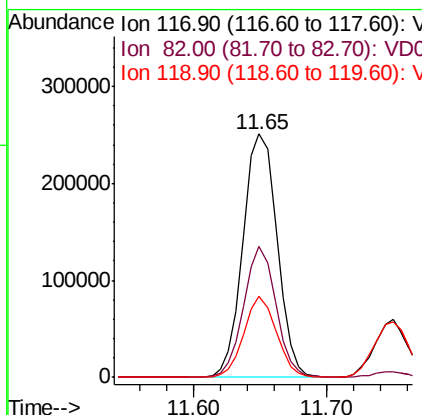
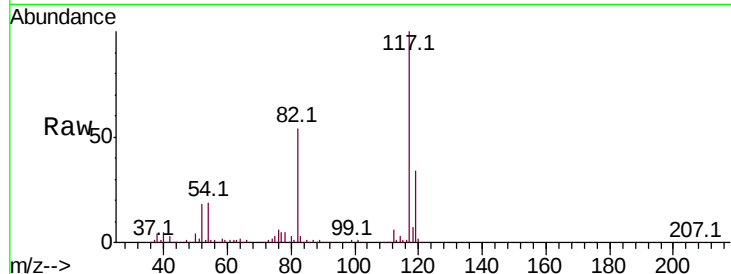




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

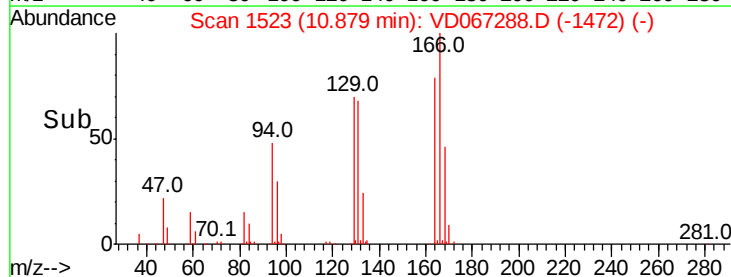
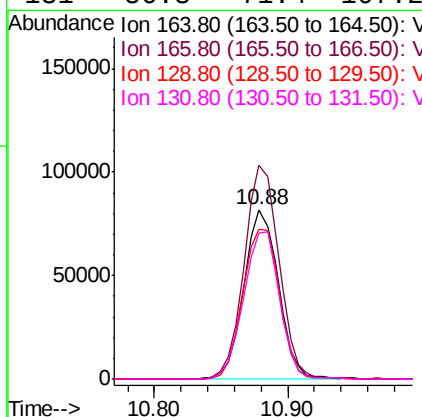
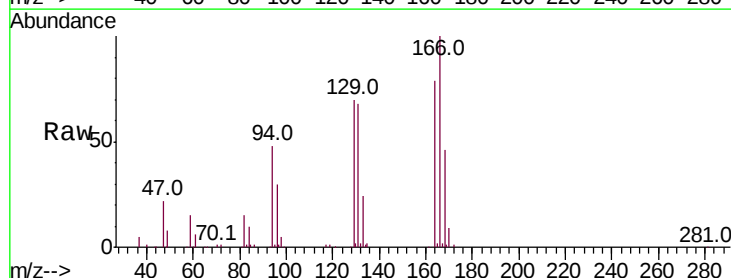
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

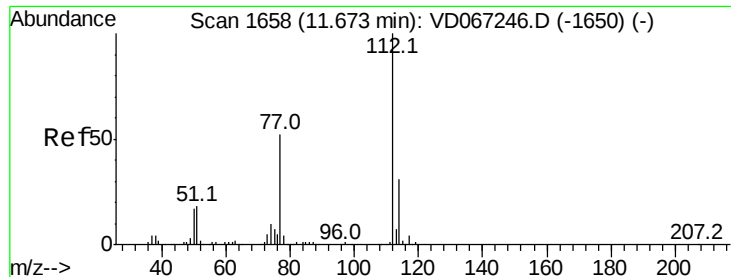
Tot Ion:117 Resp: 445582
Ion Ratio Lower Upper
117 100
82 53.8 39.9 59.9
119 33.5 24.9 37.3



#64
Tetrachloroethene
Concen: 45.234 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion:164 Resp: 146034
Ion Ratio Lower Upper
164 100
166 126.2 107.3 160.9
129 88.6 77.3 115.9
131 86.3 71.4 107.2





#65

Chlorobenzene

Concen: 47.173 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

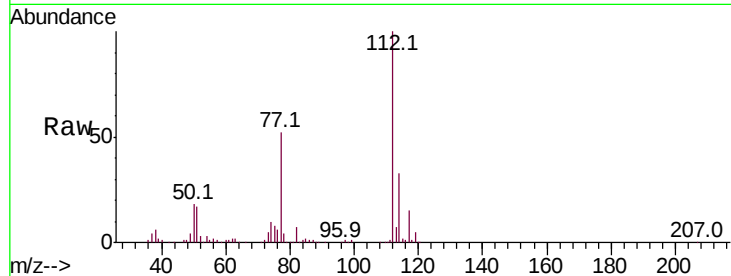
VSTDCCC050EC

Tot Ion:112 Resp: 403070

Ion Ratio Lower Upper

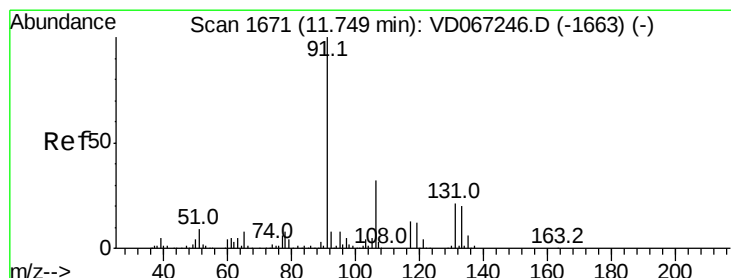
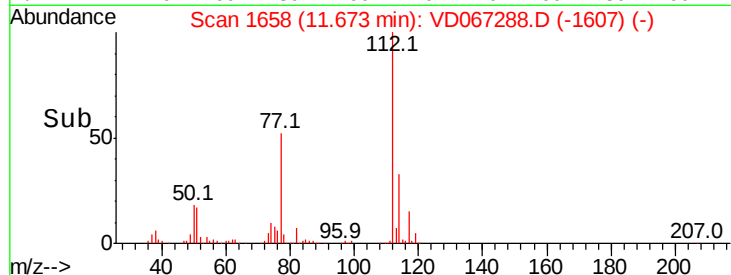
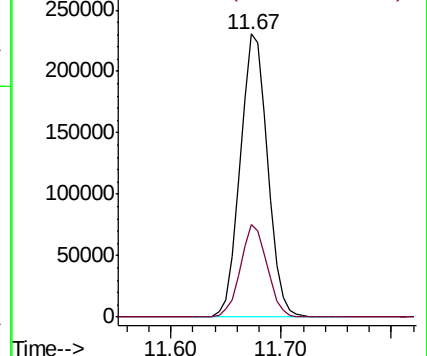
112 100

114 32.9 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.859 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

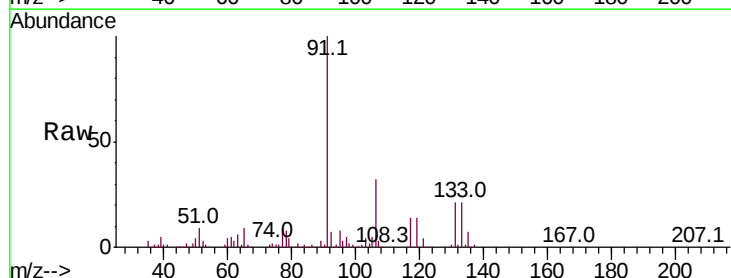
Tgt Ion:131 Resp: 162527

Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.3

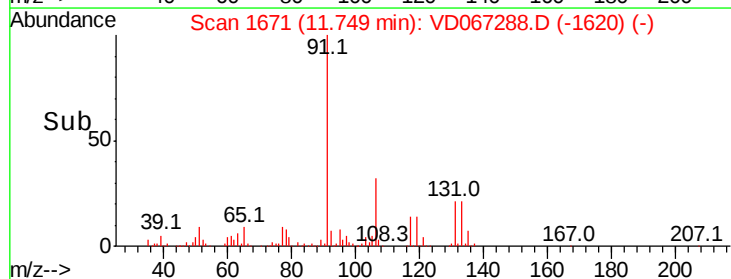
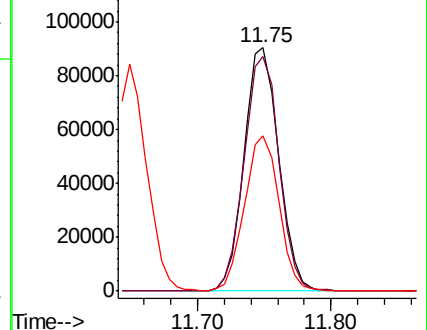
119 63.3 30.0 90.0

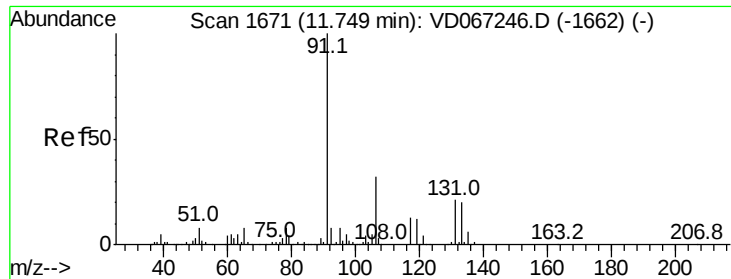


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.595 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

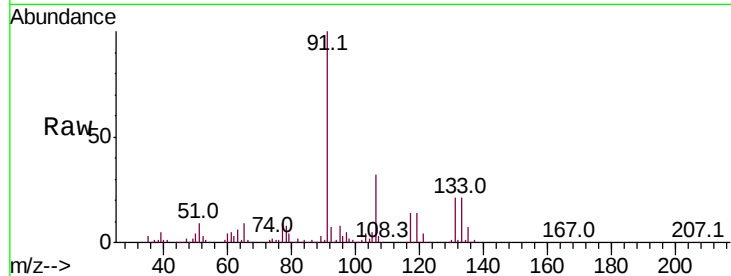
VSTDCCC050EC

Tot Ion: 91 Resp: 697124

Ion Ratio Lower Upper

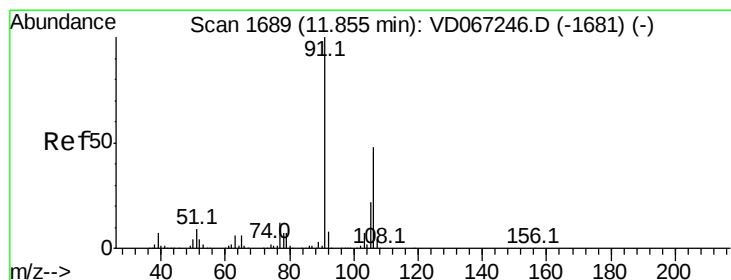
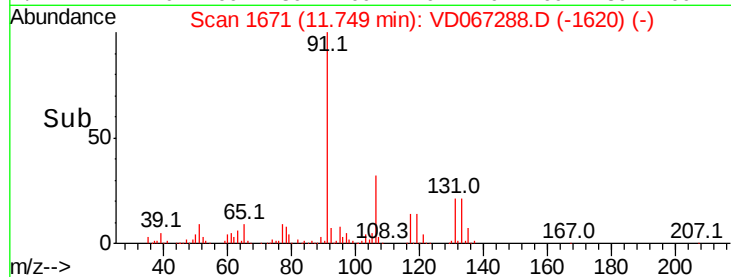
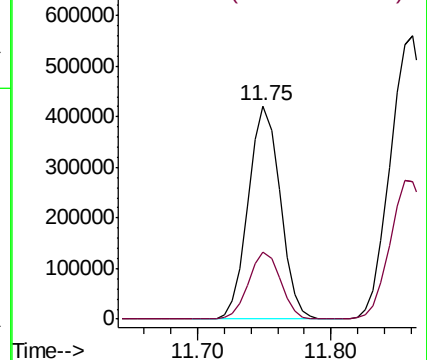
91 100

106 31.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.153 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067288.D

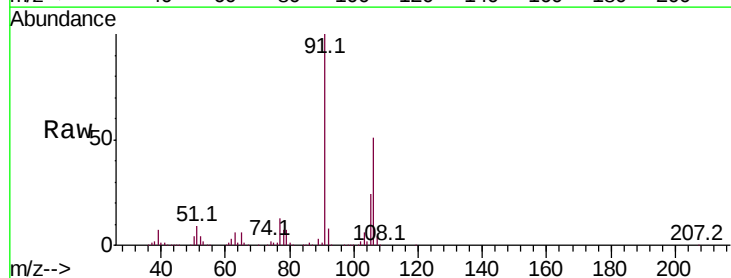
Acq: 15 Oct 2020 17:23

Tgt Ion: 106 Resp: 542335

Ion Ratio Lower Upper

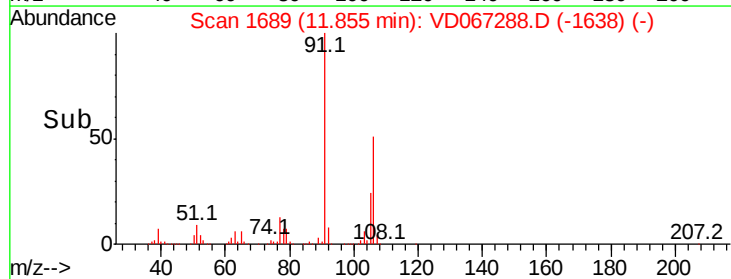
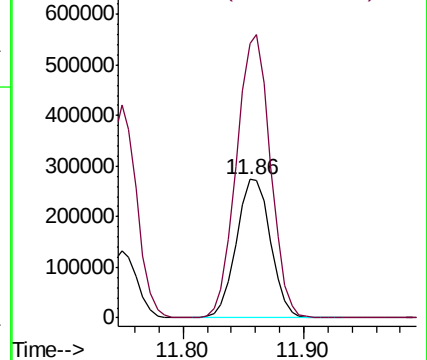
106 100

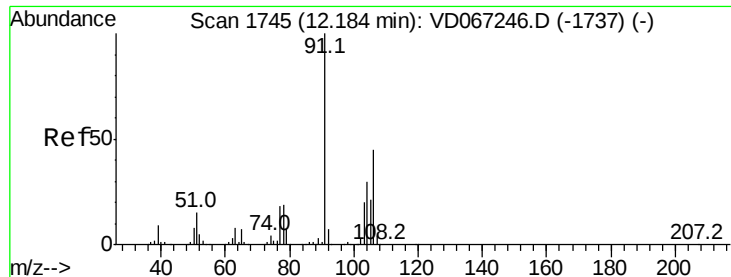
91 202.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

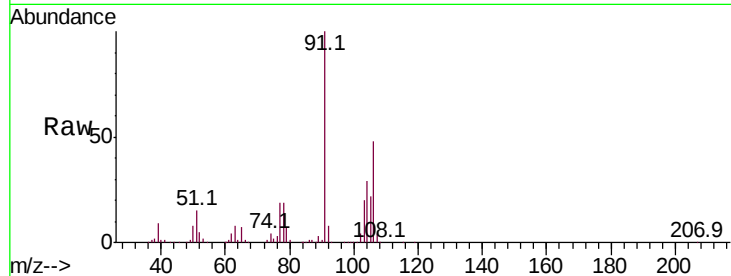




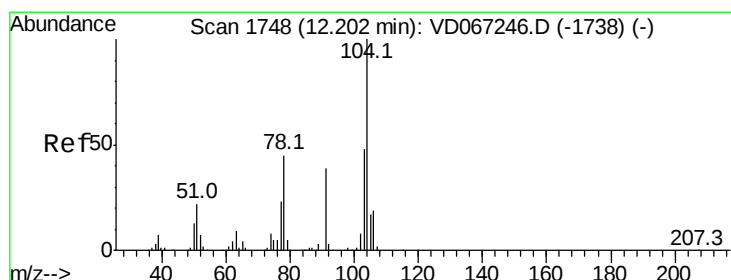
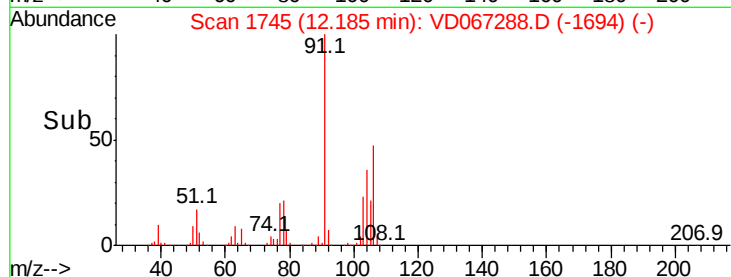
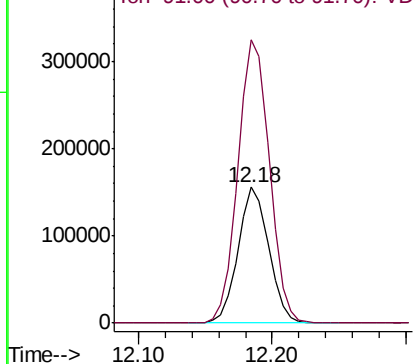
#69
o-Xylene
Concen: 47.424 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 247692
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.3

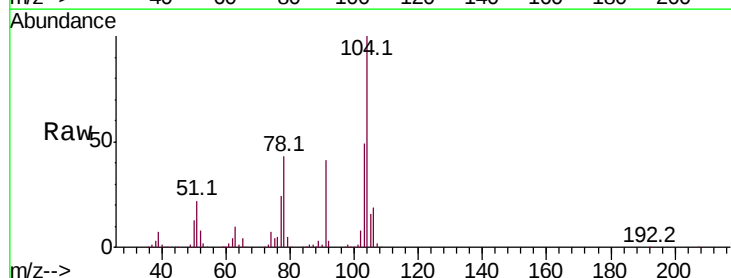


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

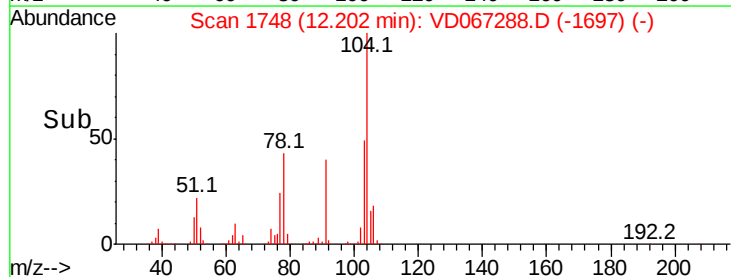
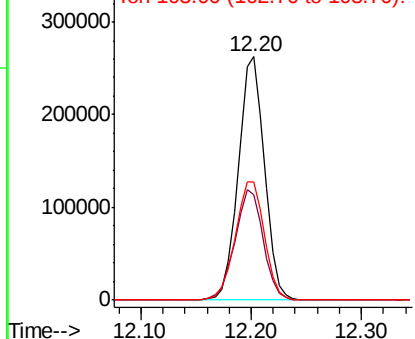


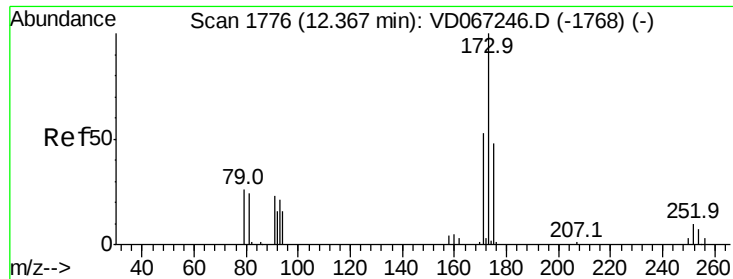
#70
Styrene
Concen: 48.657 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion:104 Resp: 437473
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.1 42.6 64.0



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

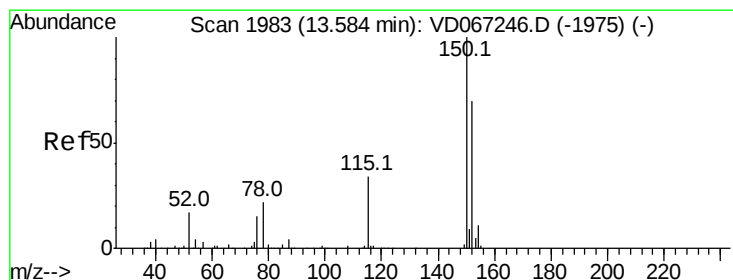
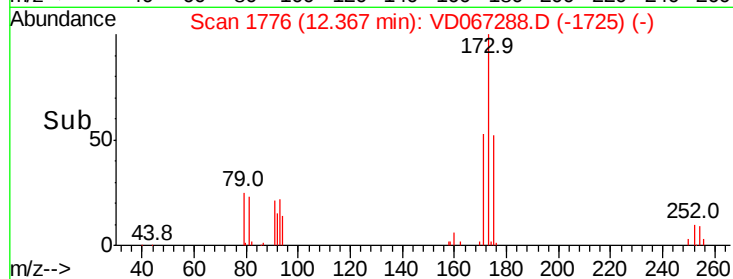
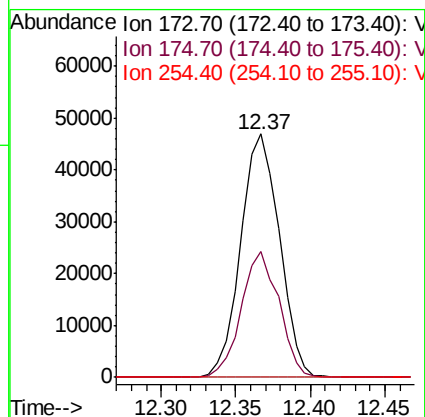
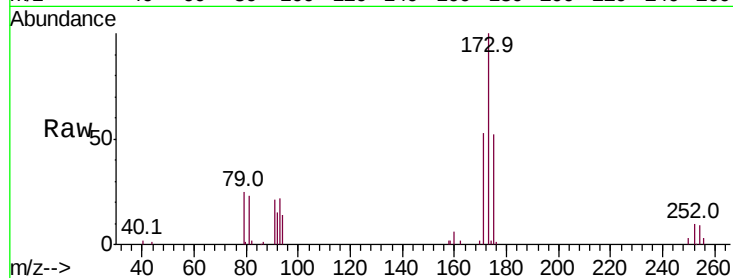




#71
Bromoform
Concen: 46.225 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

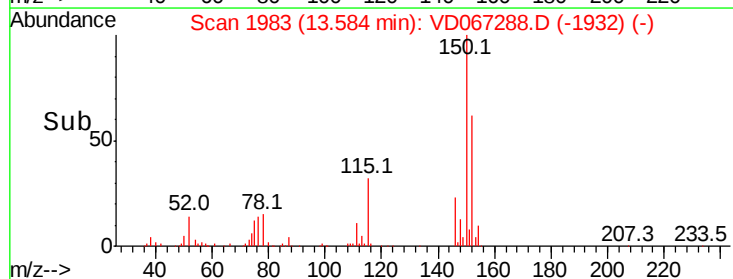
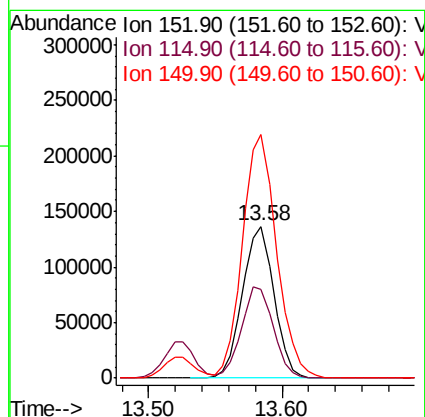
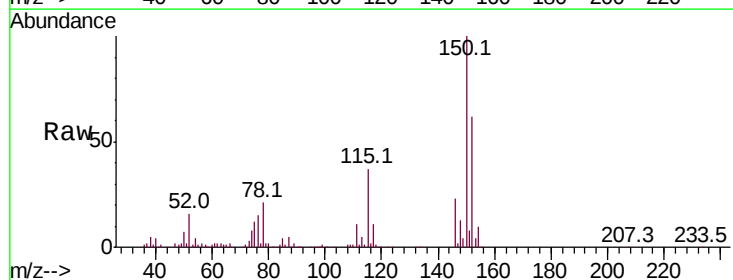
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

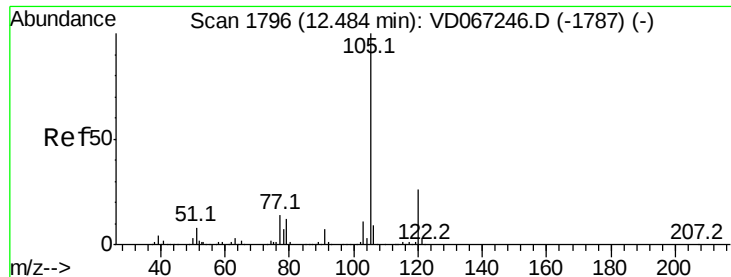
Tot Ion:173 Resp: 84332
Ion Ratio Lower Upper
173 100
175 50.4 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion:152 Resp: 222988
Ion Ratio Lower Upper
152 100
115 60.6 29.3 87.9
150 173.2 0.0 339.0





#73

Isopropylbenzene

Concen: 49.544 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

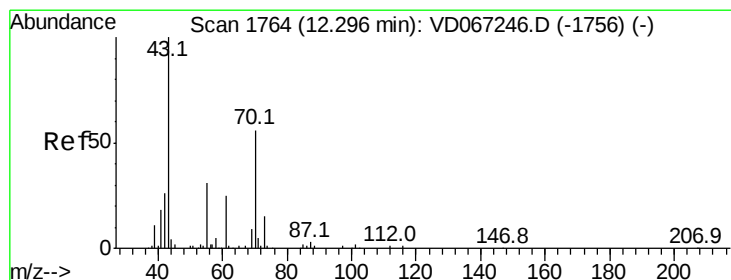
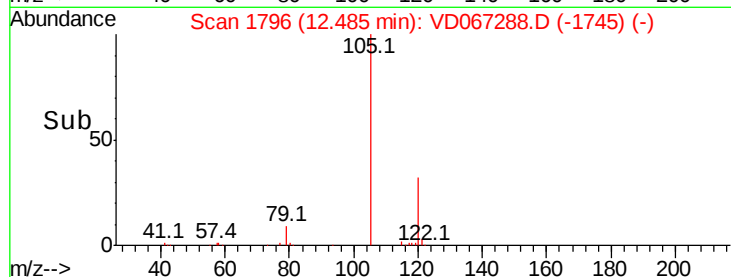
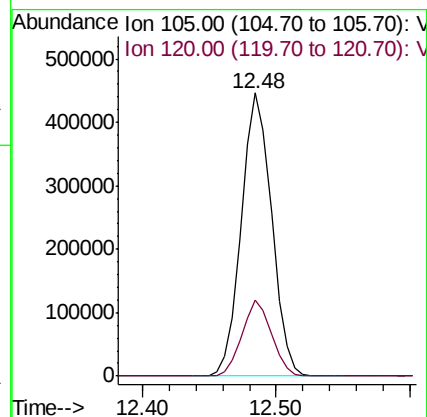
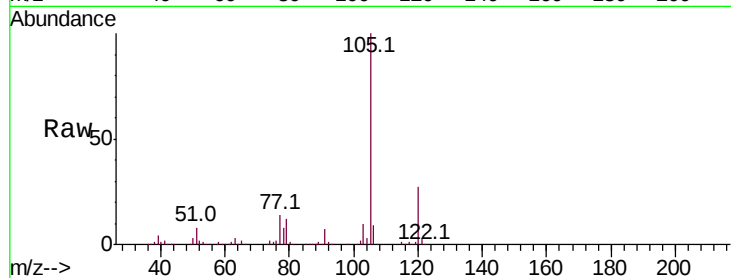
VSTDCCC050EC

Tot Ion:105 Resp: 701164

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 48.073 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Tgt Ion: 43 Resp: 102754

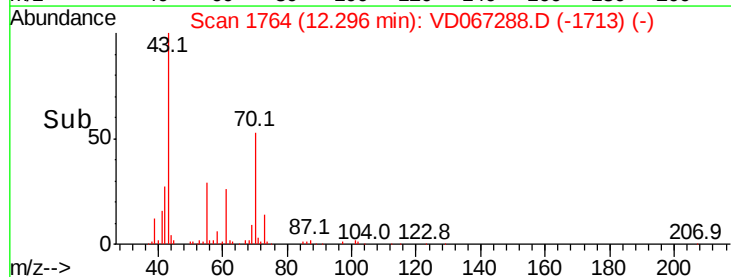
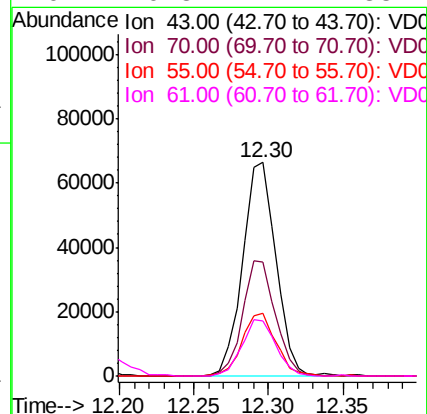
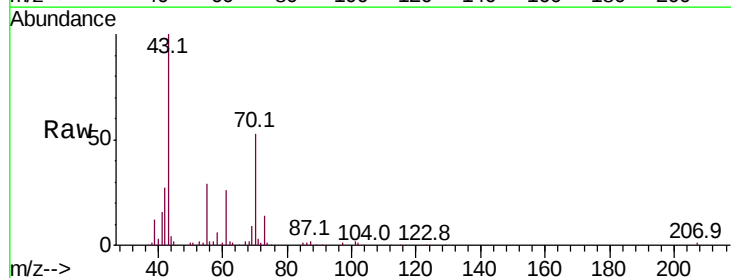
Ion Ratio Lower Upper

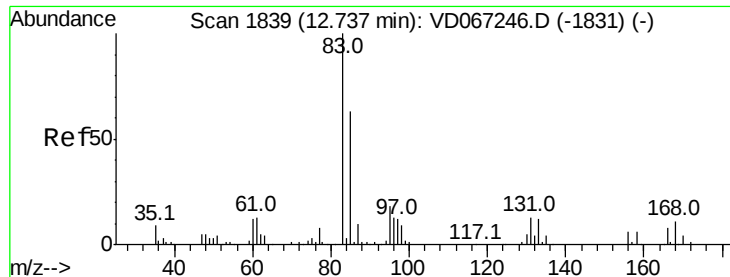
43 100

70 53.1 42.7 64.1

55 29.7 24.0 36.0

61 26.8 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.739 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

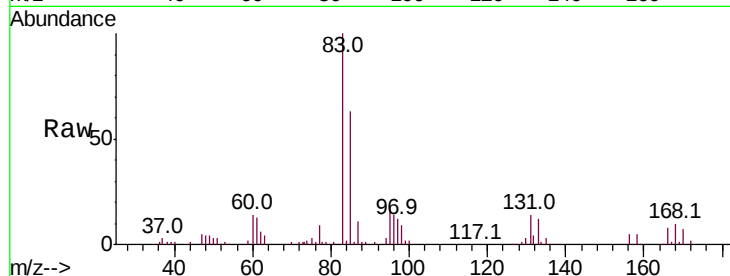
Tot Ion: 83 Resp: 101351

Ion Ratio Lower Upper

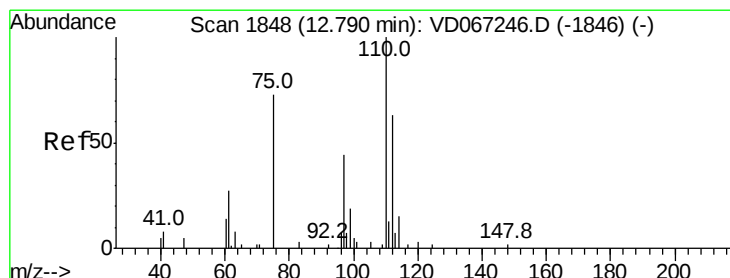
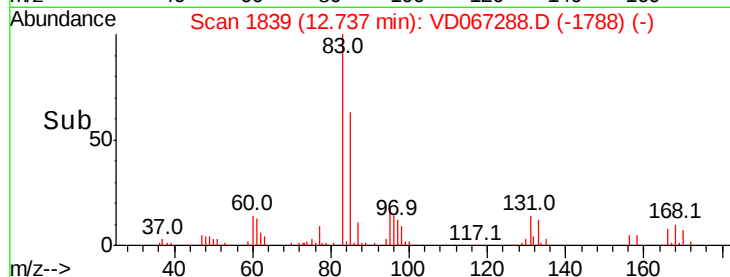
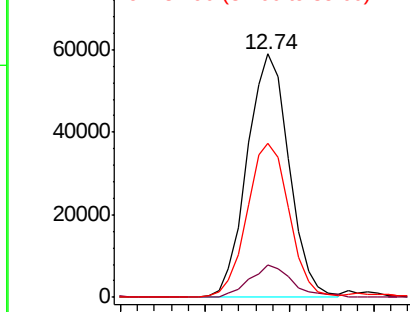
83 100

131 13.7 6.5 19.5

85 63.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 88.683 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067288.D

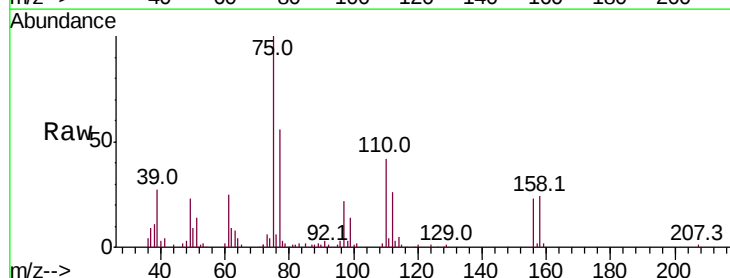
Acq: 15 Oct 2020 17:23

Tgt Ion: 75 Resp: 137061

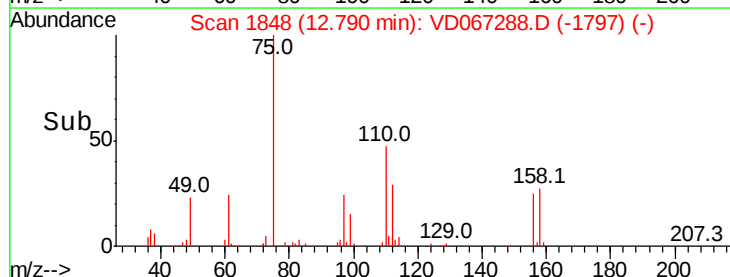
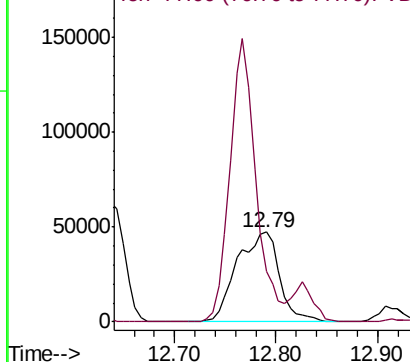
Ion Ratio Lower Upper

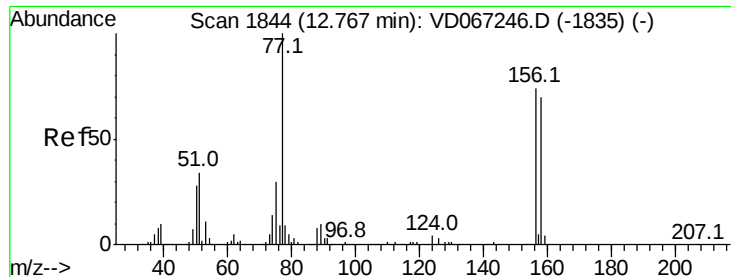
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.272 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

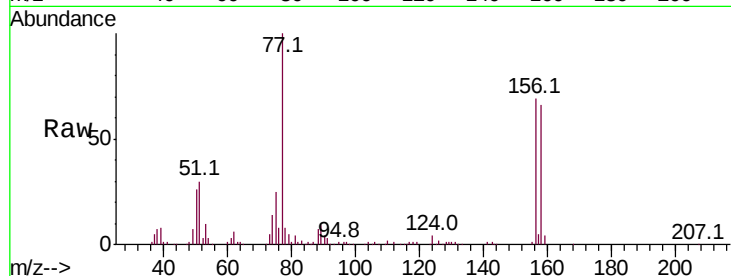
Tot Ion:156 Resp: 166790

Ion Ratio Lower Upper

156 100

77 160.1 78.0 233.8

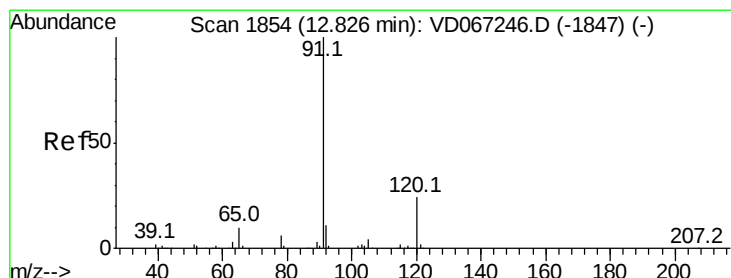
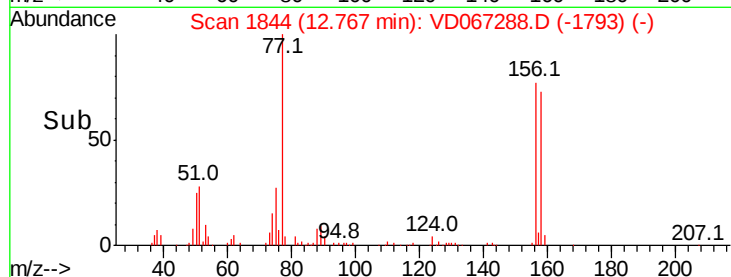
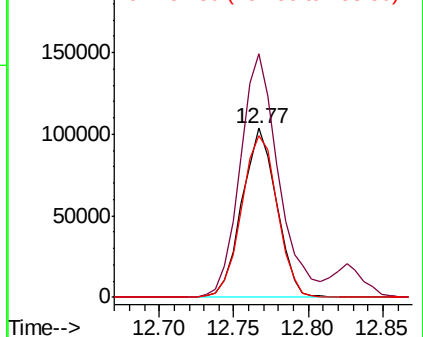
158 98.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.633 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067288.D

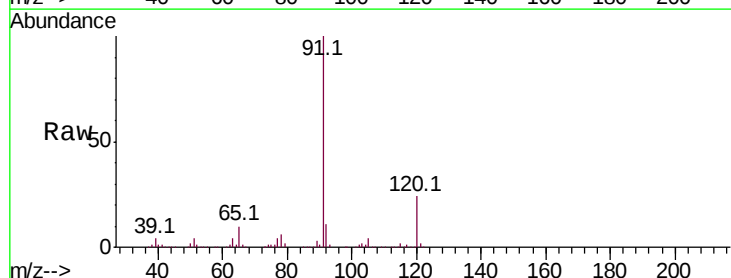
Acq: 15 Oct 2020 17:23

Tgt Ion: 91 Resp: 797446

Ion Ratio Lower Upper

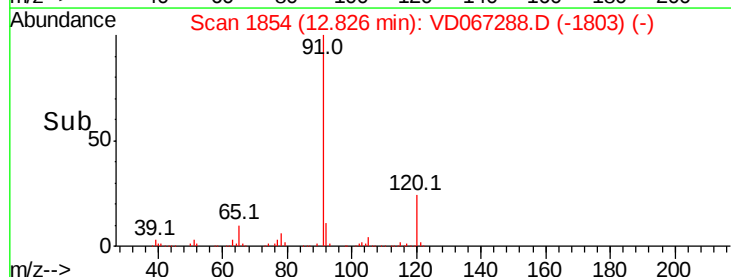
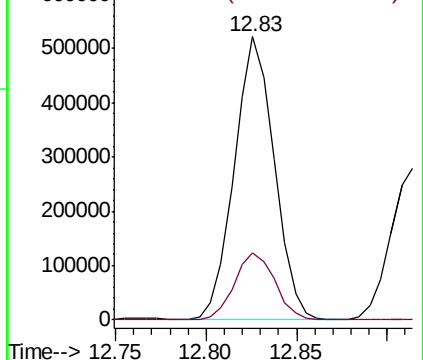
91 100

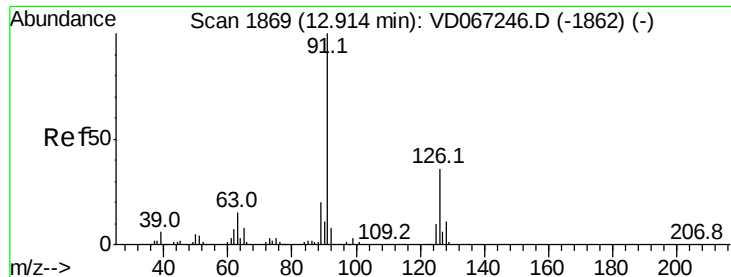
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

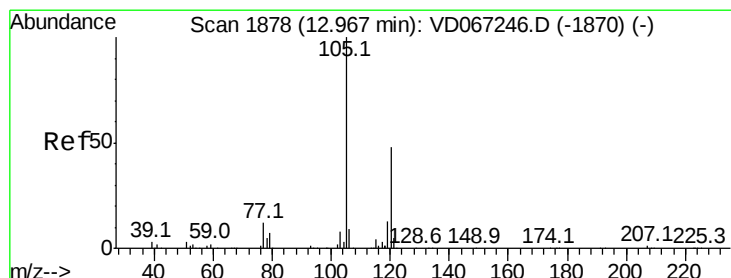
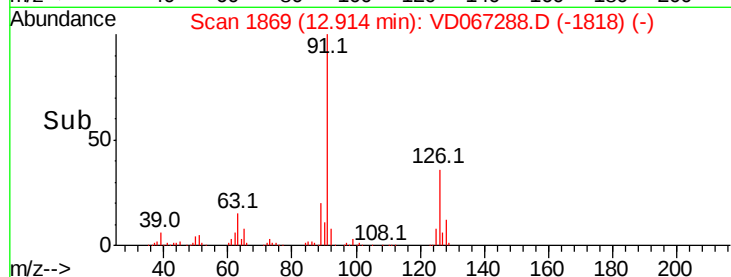
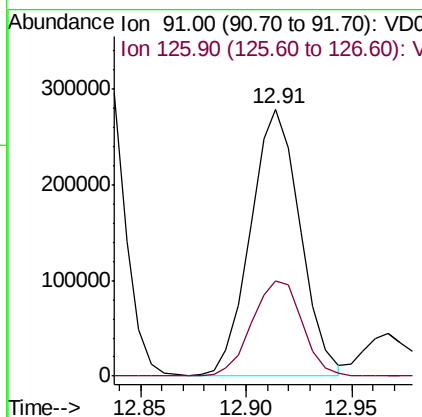
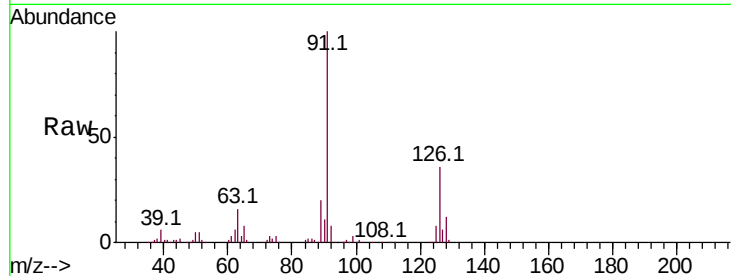




#79
 2-Chlorotoluene
 Concen: 47.866 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

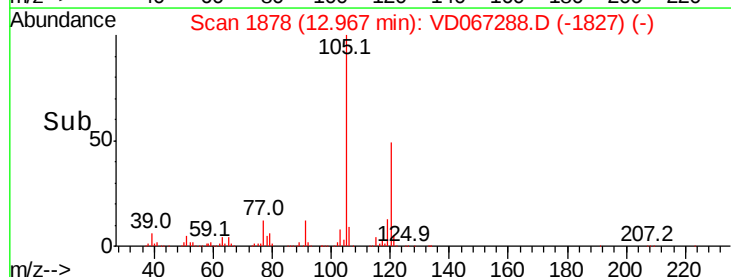
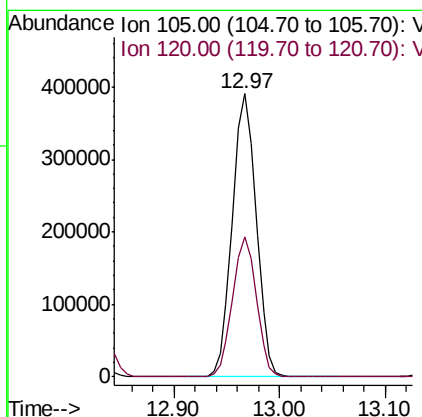
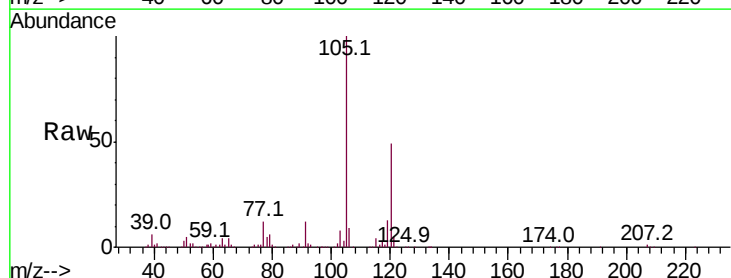
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

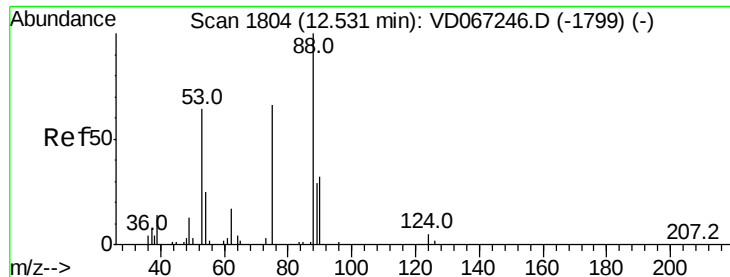
Tot Ion: 91 Resp: 455161
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.645 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion: 105 Resp: 610552
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.734 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

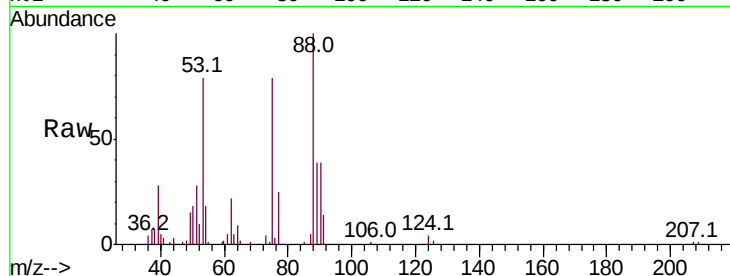
Tot Ion: 75 Resp: 31851

Ion Ratio Lower Upper

75 100

53 103.6 78.5 117.7

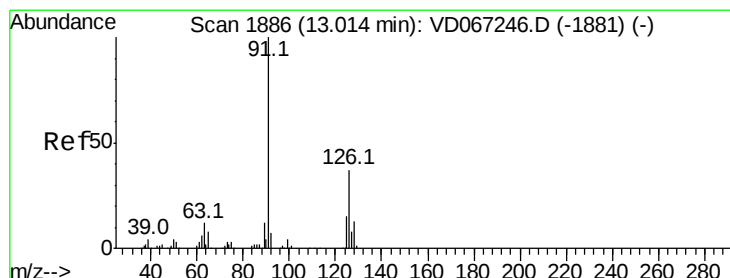
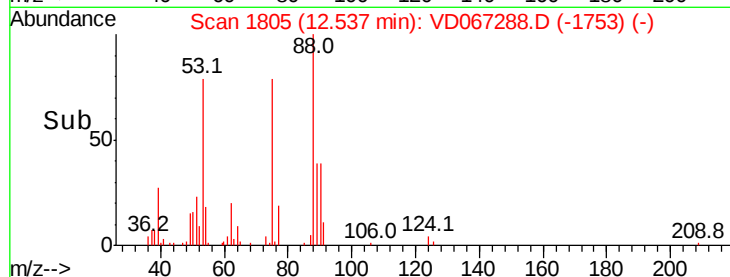
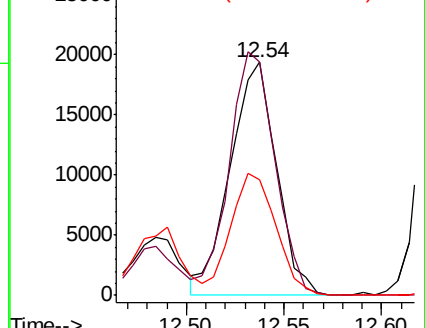
89 51.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.234 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067288.D

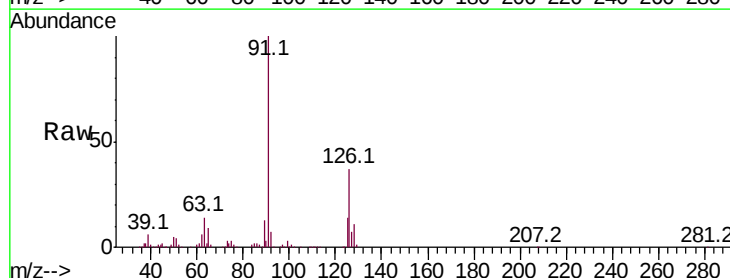
Acq: 15 Oct 2020 17:23

Tgt Ion: 91 Resp: 486805

Ion Ratio Lower Upper

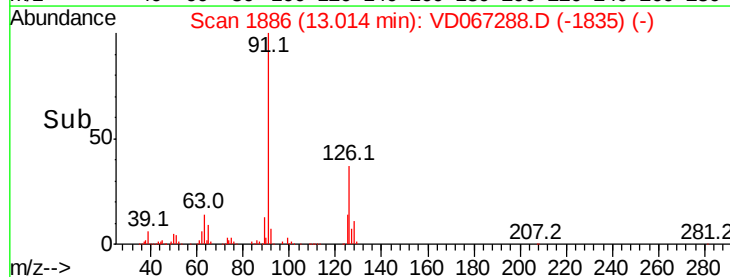
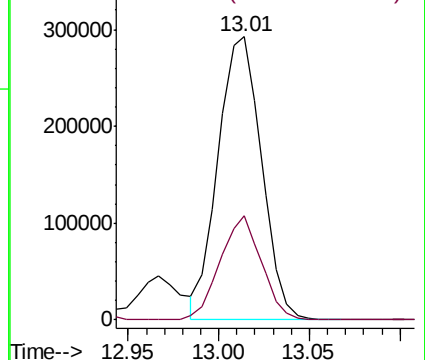
91 100

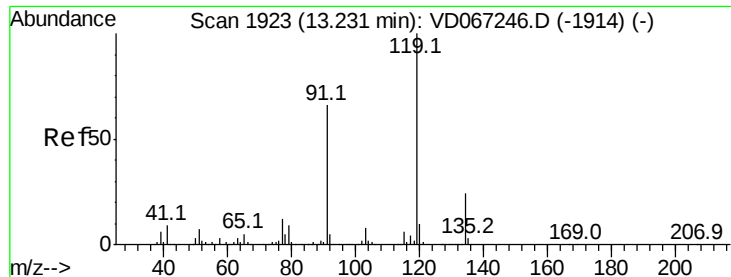
126 35.1 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.046 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

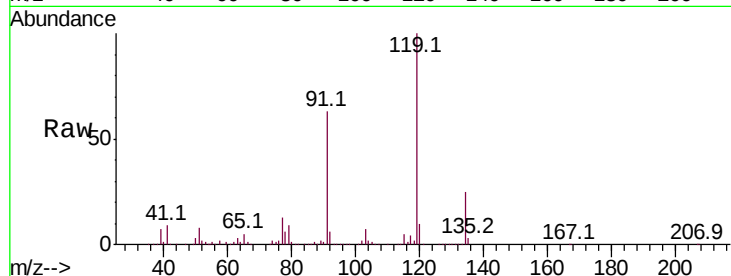
Tot Ion:119 Resp: 519899

Ion Ratio Lower Upper

119 100

91 62.6 33.1 99.2

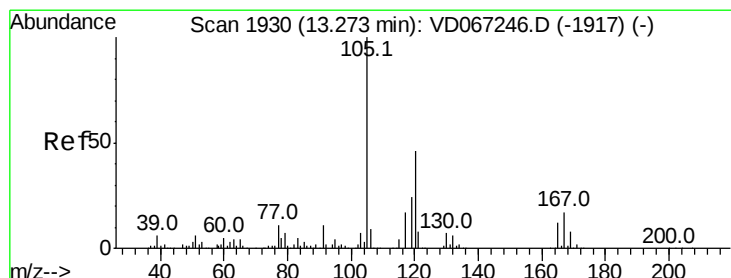
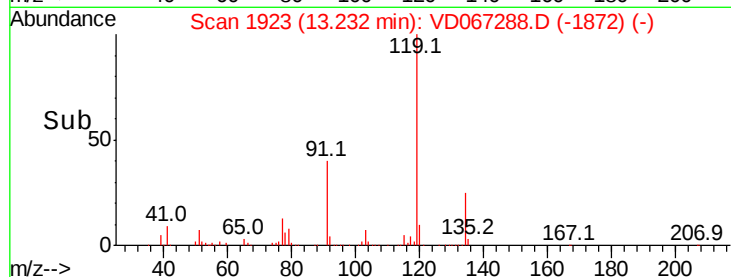
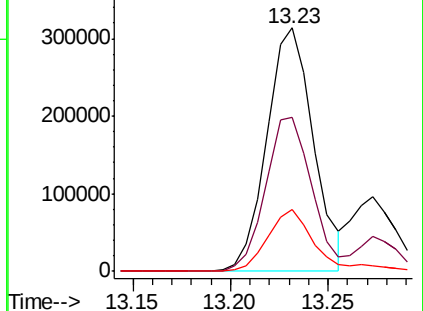
134 26.0 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.671 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067288.D

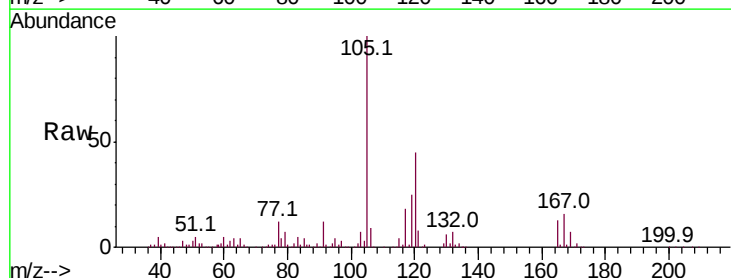
Acq: 15 Oct 2020 17:23

Tgt Ion:105 Resp: 615921

Ion Ratio Lower Upper

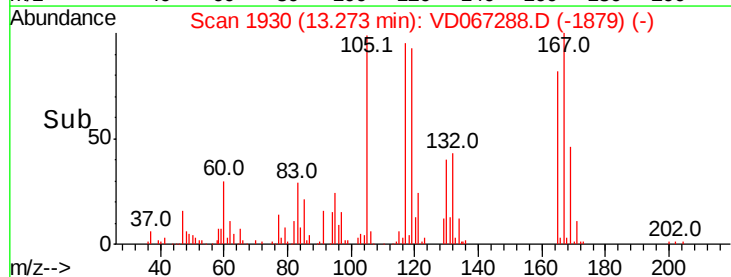
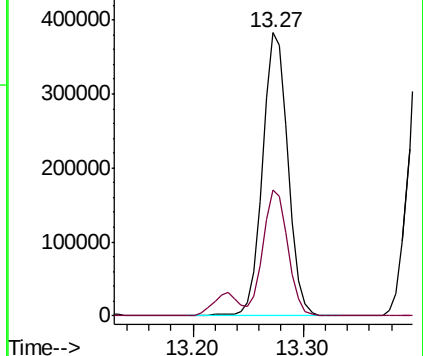
105 100

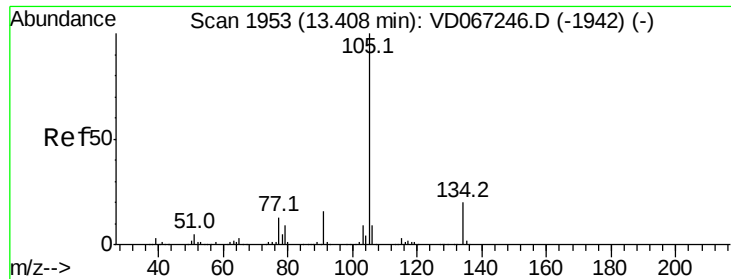
120 43.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

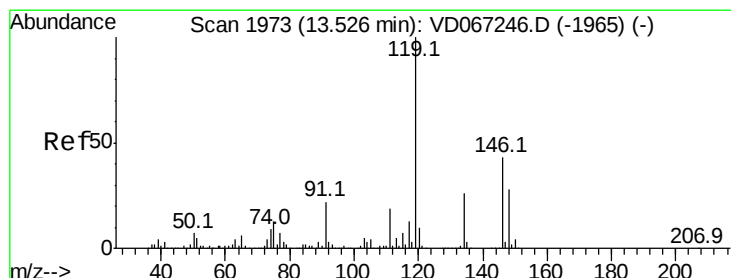
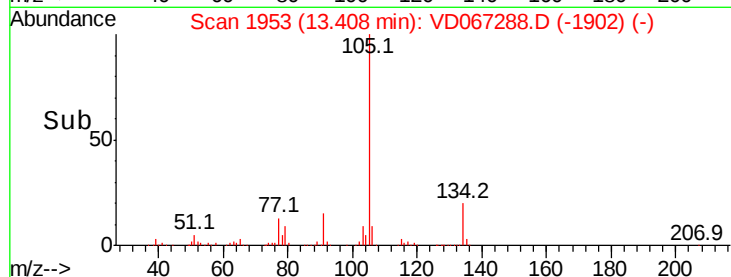
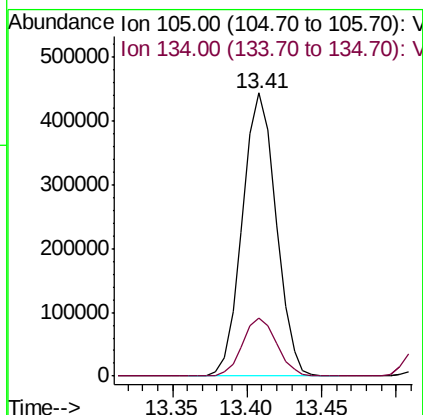
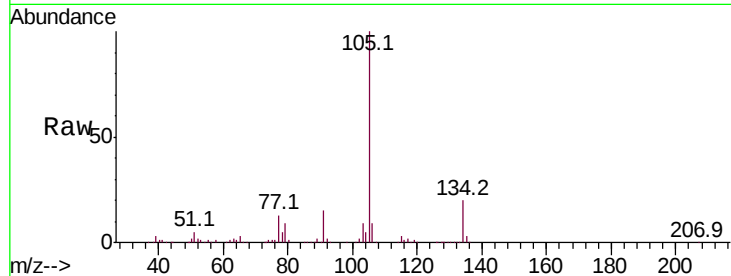




#85
 sec-Butylbenzene
 Concen: 48.777 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

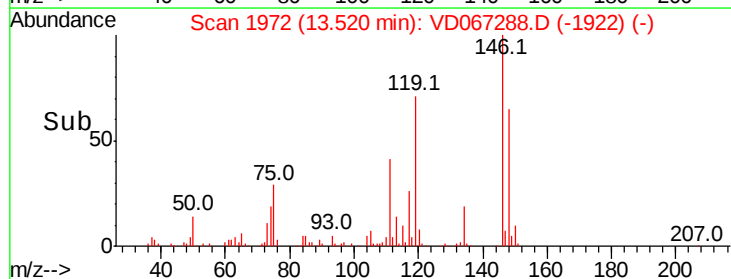
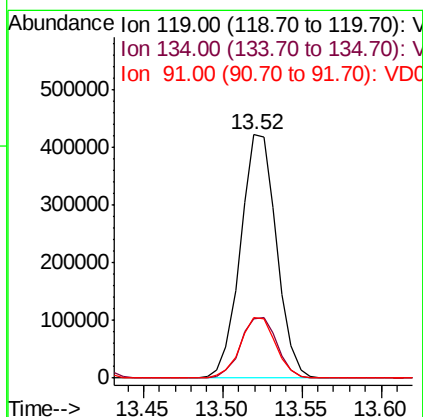
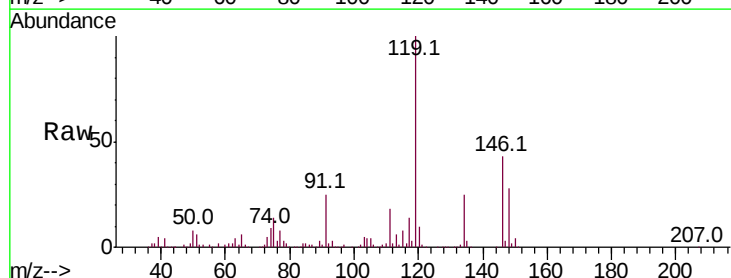
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

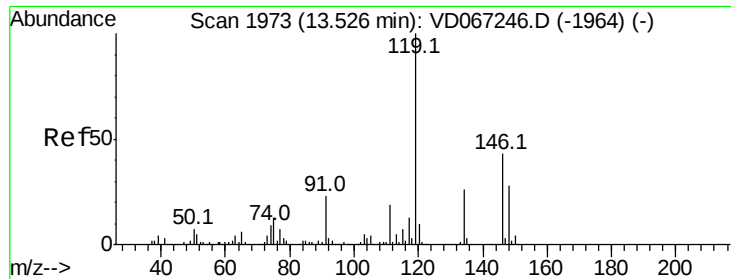
Tot Ion:105 Resp: 695298
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 49.410 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion:119 Resp: 664789
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 24.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 46.968 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

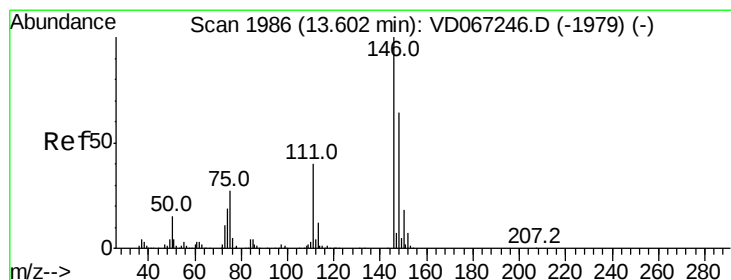
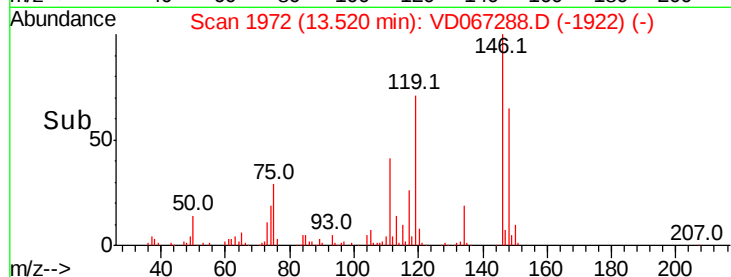
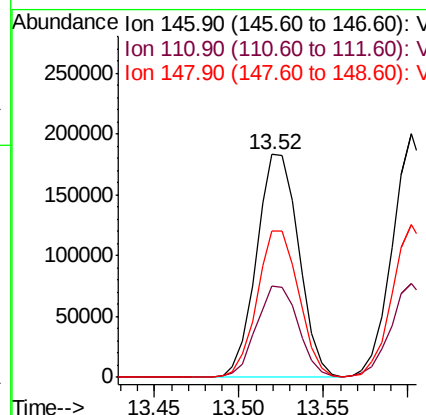
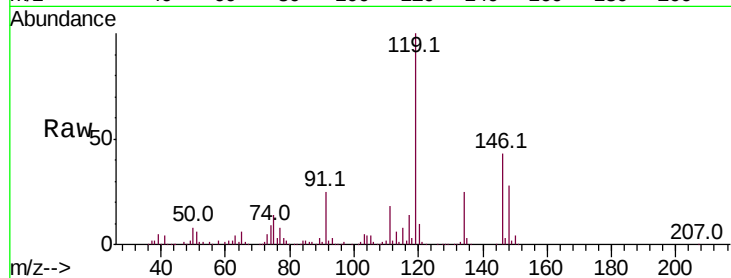
Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 318968

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



#88

1,4-Dichlorobenzene

Concen: 47.734 ug/l

RT: 13.60 min Scan# 1986

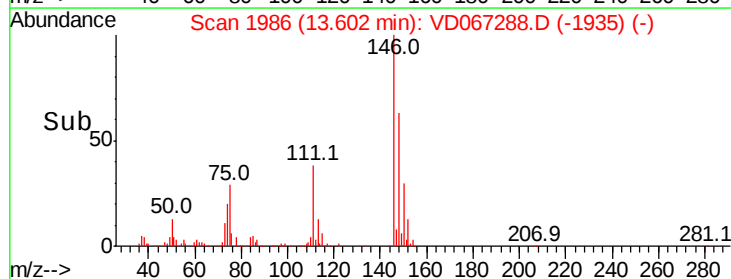
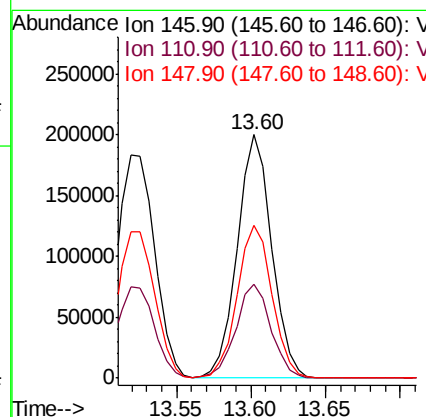
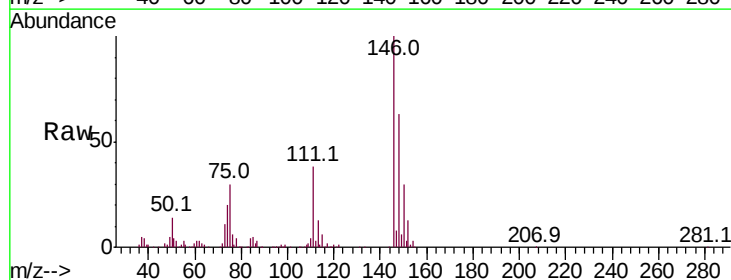
Delta R.T. 0.00 min

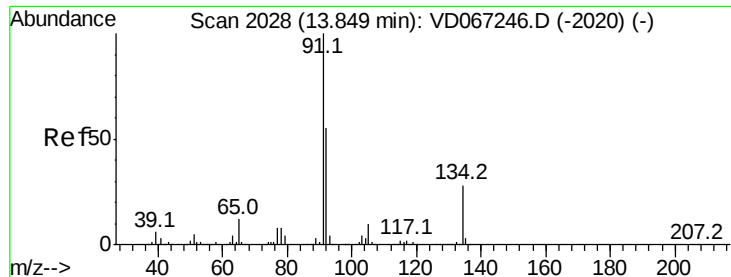
Lab File: VD067288.D

Acq: 15 Oct 2020 17:23

Tgt Ion:146 Resp: 321170

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.7	31.9	95.9

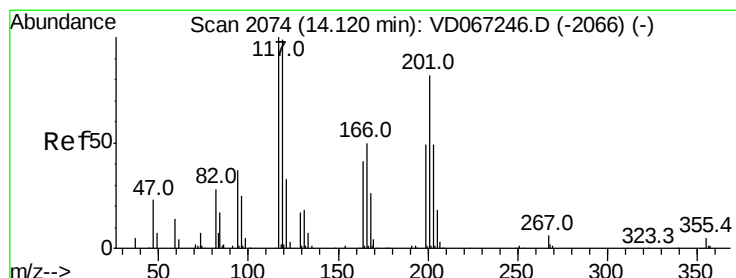
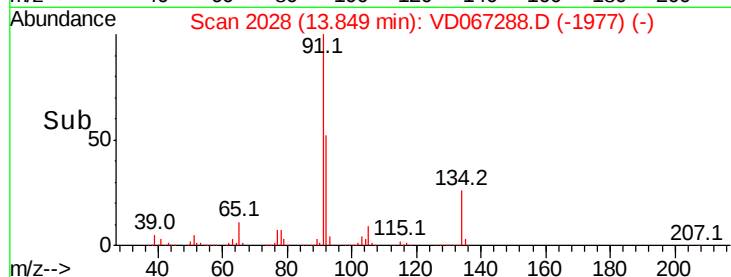
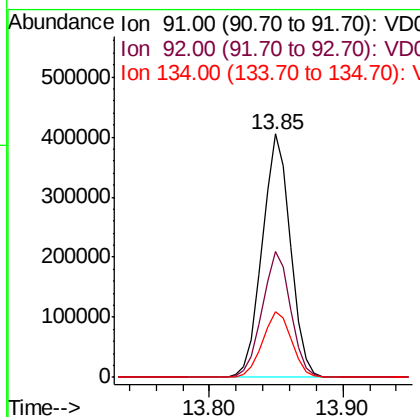
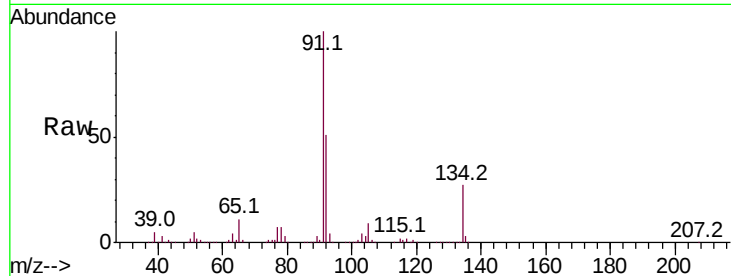




#89
n-Butylbenzene
Concen: 50.024 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

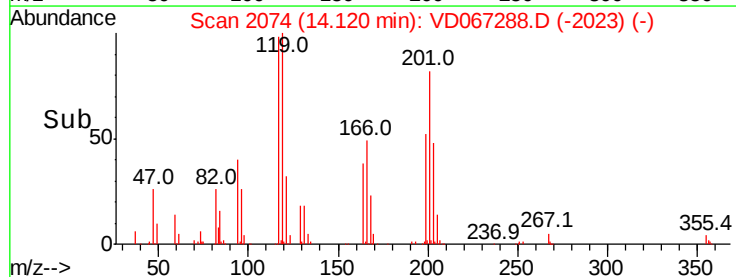
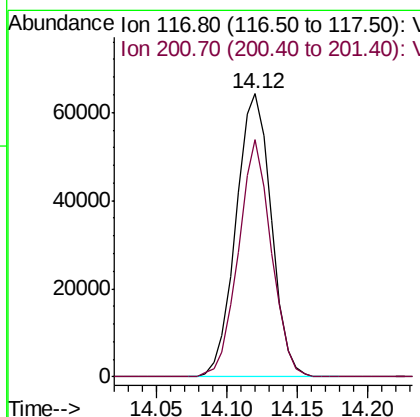
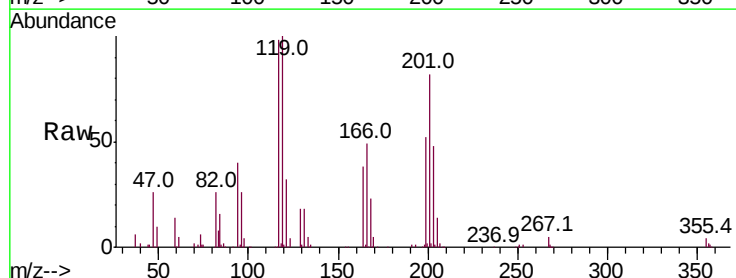
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

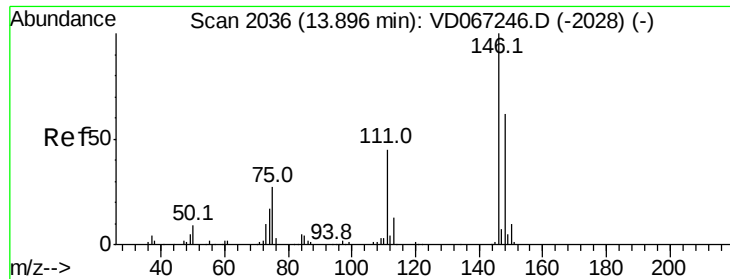
Tot Ion: 91 Resp: 592111
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.0
134 27.8 14.2 42.6



#90
Hexachloroethane
Concen: 47.835 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion: 117 Resp: 112311
Ion Ratio Lower Upper
117 100
201 78.1 40.8 122.2

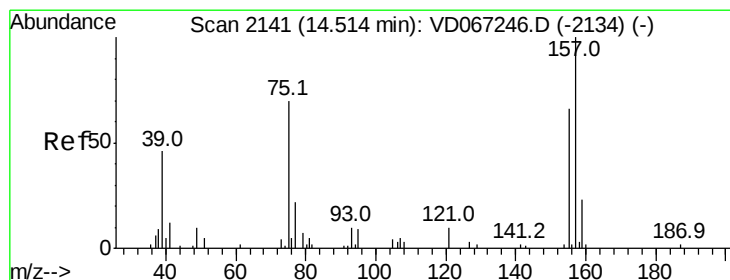
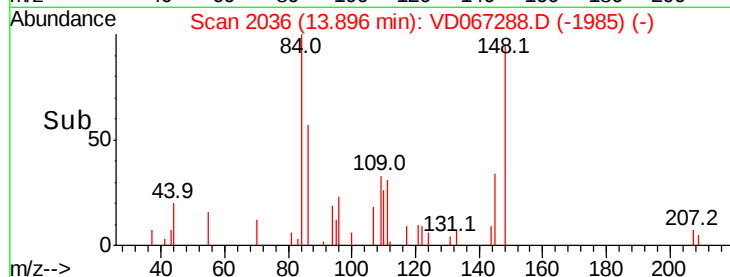
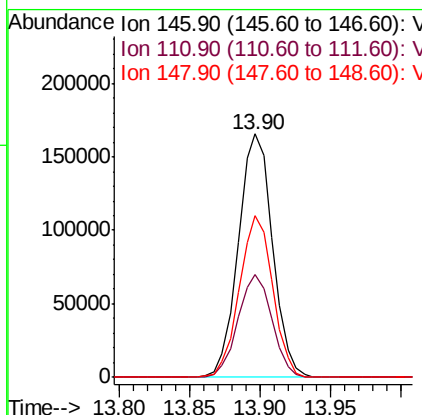
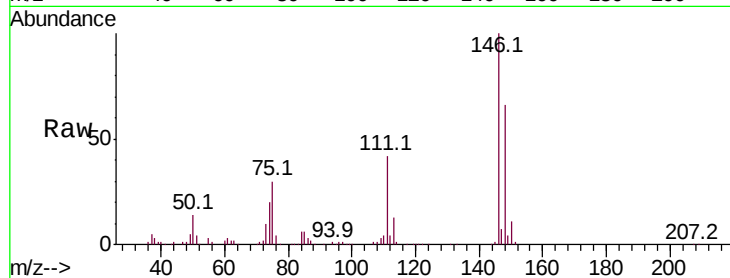




#91
 1,2-Dichlorobenzene
 Concen: 47.241 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

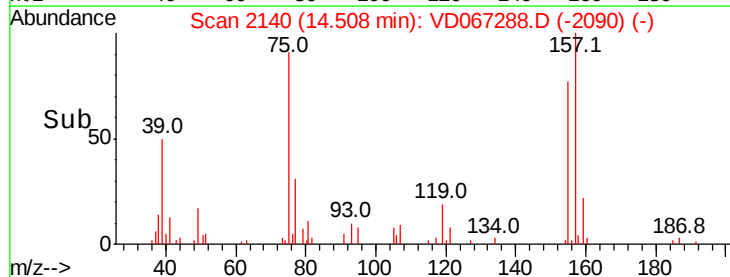
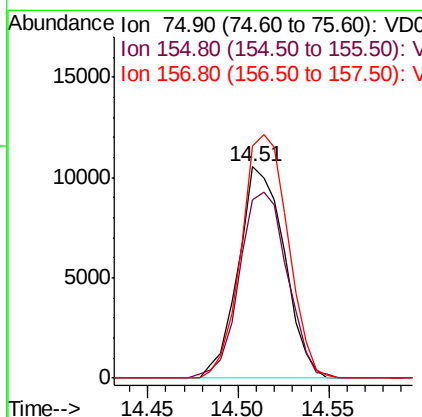
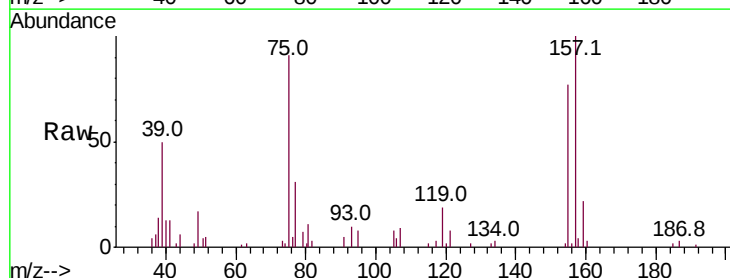
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

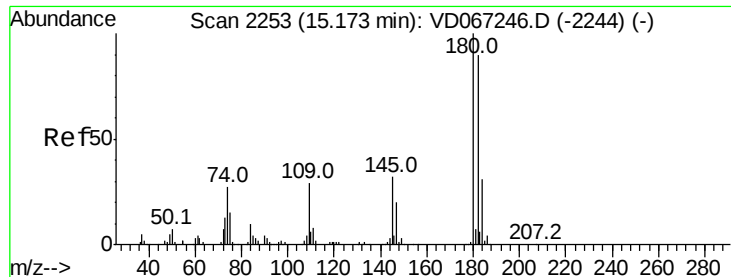
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.0	66.0
148	64.9	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.070 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	44.8	134.4
157	117.2	62.5	187.4

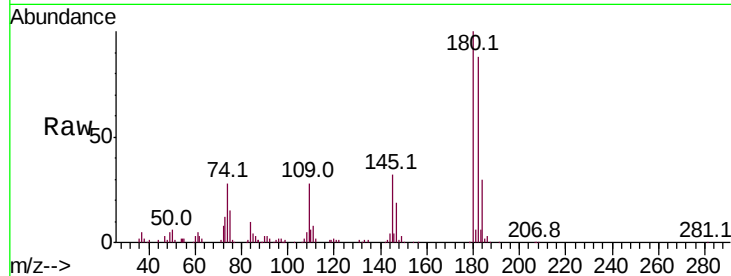




#93
 1,2,4-Trichlorobenzene
 Concen: 49.208 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.4
145	32.9	16.3	48.9

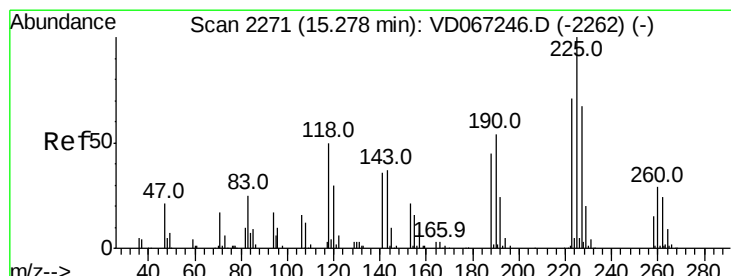
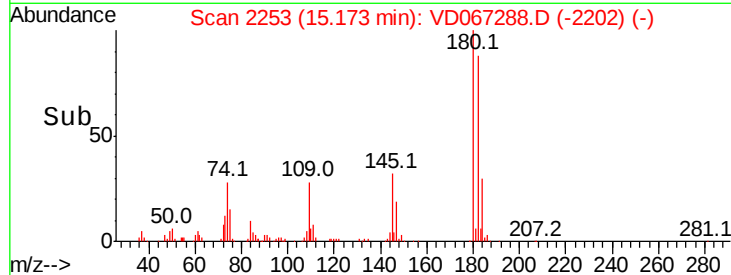
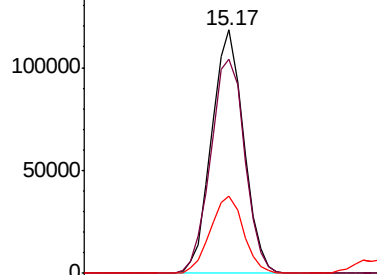


Abundance

Ion 179.80 (179.50 to 180.50): V

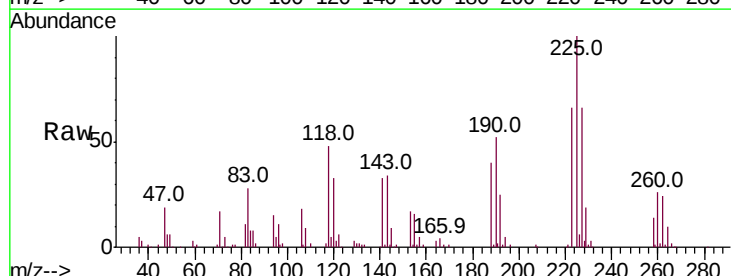
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.844 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067288.D
 Acq: 15 Oct 2020 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	64.7	31.2	93.6

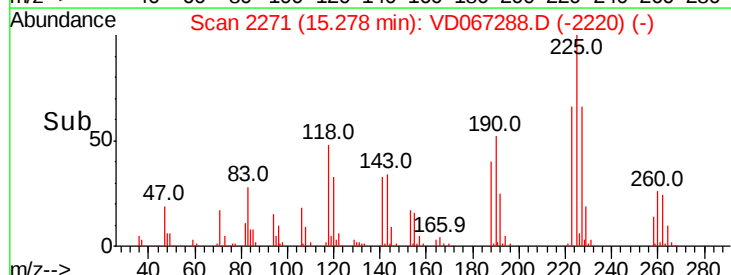
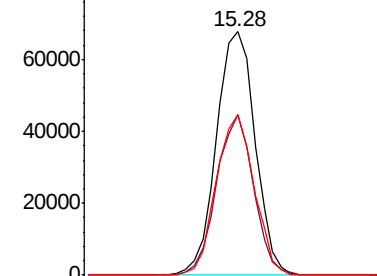


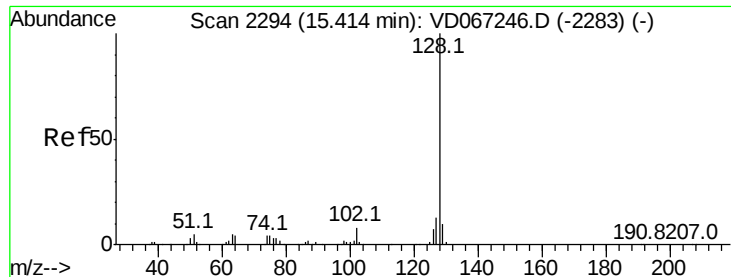
Abundance

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

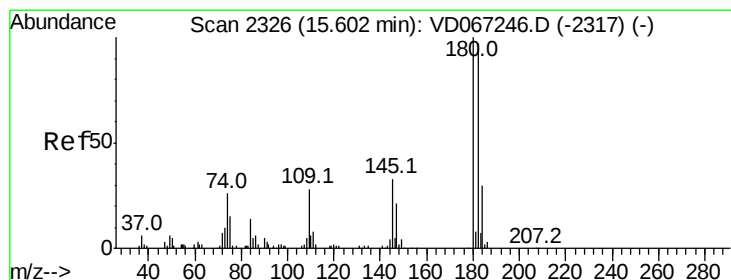
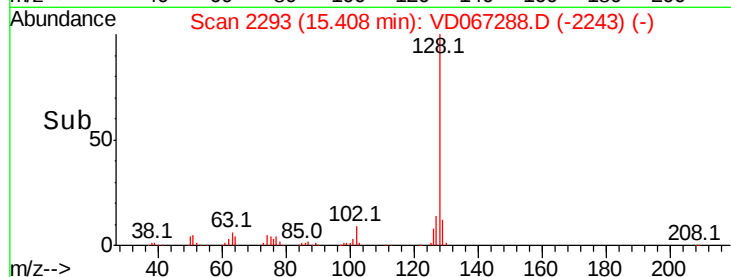
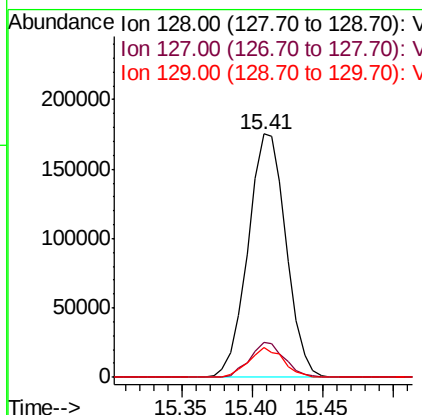
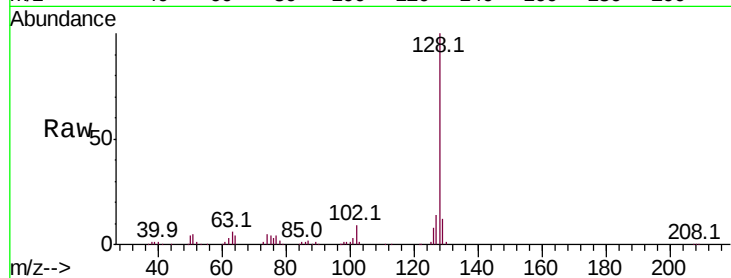




#95
Naphthalene
Concen: 50.510 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 331716
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.676 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067288.D
Acq: 15 Oct 2020 17:23

Tgt Ion:180 Resp: 171661
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 33.6 17.3 51.9

