

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067649.D
 Acq On : 16 Nov 2020 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 01:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	265509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	400974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	370502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	189760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109000	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	7.92	113	114679	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.34	98	384547	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.64	95	142026	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	97641	44.974	ug/l	97
3) Chloromethane	2.21	50	65636	39.698	ug/l	97
4) Vinyl Chloride	2.35	62	74260	40.285	ug/l	96
5) Bromomethane	2.77	94	66292	44.370	ug/l	95
6) Chloroethane	2.93	64	52661	46.337	ug/l	91
7) Trichlorofluoromethane	3.28	101	223372	46.800	ug/l	92
8) Diethyl Ether	3.71	74	51852	53.915	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.10	101	112088	46.524	ug/l	100
10) Methyl Iodide	4.30	142	130341	50.477	ug/l	98
11) Tert butyl alcohol	5.21	59	32413	330.483	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	106331	47.982	ug/l	96
13) Acrolein	3.93	56	24816	241.868	ug/l	99
14) Allyl chloride	4.72	41	112217	47.314	ug/l	94
15) Acrylonitrile	5.42	53	90333	254.093	ug/l	98
16) Acetone	4.16	43	82688	238.011	ug/l	97
17) Carbon Disulfide	4.41	76	295577	43.527	ug/l	100
18) Methyl Acetate	4.73	43	44730	62.306	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	237497	54.332	ug/l	94
20) Methylene Chloride	4.97	84	121600	49.550	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	125555	48.643	ug/l	99
22) Diisopropyl ether	6.37	45	232407	50.284	ug/l	97
23) Vinyl Acetate	6.31	43	620361	256.418	ug/l	98
24) 1,1-Dichloroethane	6.27	63	185899	49.165	ug/l	99
25) 2-Butanone	7.22	43	94668	255.019	ug/l	98
26) 2,2-Dichloropropane	7.21	77	197989	49.614	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139673	52.134	ug/l	99
28) Bromochloromethane	7.55	49	66986	49.805	ug/l	98
29) Tetrahydrofuran	7.57	42	57405	258.160	ug/l	95
30) Chloroform	7.71	83	236624	52.456	ug/l	100
31) Cyclohexane	7.99	56	141319	41.970	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	232927	50.046	ug/l	100
36) 1,1-Dichloropropene	8.11	75	159470	46.462	ug/l	99
37) Ethyl Acetate	7.29	43	44438	49.870	ug/l	98
38) Carbon Tetrachloride	8.10	117	222183	49.823	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	172082	42.598	ug/l	99
40) Benzene	8.36	78	460789	49.562	ug/l	98
41) Methacrylonitrile	7.56	41	63608	119.420	ug/l #	37
42) 1,2-Dichloroethane	8.43	62	151276	52.663	ug/l	98
43) Isopropyl Acetate	8.46	43	87235	49.501	ug/l	98
44) Trichloroethene	9.11	130	147600	48.283	ug/l	96
45) 1,2-Dichloropropane	9.40	63	98213	48.859	ug/l	91
46) Dibromomethane	9.48	93	64480	50.450	ug/l	96
47) Bromodichloromethane	9.67	83	178950	51.513	ug/l	93
48) Methyl methacrylate	9.46	41	45023	49.481	ug/l	89
49) 1,4-Dioxane	9.46	88	14373	1107.762	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	219519	260.458	ug/l	98
52) Toluene	10.41	92	319113	51.245	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	159282	53.536	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	178546	50.510	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	89520	52.937	ug/l	95
56) Ethyl methacrylate	10.67	69	93055	53.287	ug/l	98
57) 1,3-Dichloropropane	10.95	76	138660	50.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	219433	269.455	ug/l	99
59) 2-Hexanone	10.99	43	153852	261.076	ug/l	99
60) Dibromochloromethane	11.14	129	131962	52.752	ug/l	99
61) 1,2-Dibromoethane	11.25	107	86630	51.042	ug/l	99
64) Tetrachloroethene	10.88	164	130212	47.455	ug/l	98
65) Chlorobenzene	11.67	112	349056	48.909	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	146231	51.986	ug/l	99
67) Ethyl Benzene	11.75	91	605526	49.582	ug/l	100
68) m/p-Xylenes	11.86	106	469226	98.759	ug/l	100
69) o-Xylene	12.18	106	217468	51.265	ug/l	99
70) Styrene	12.20	104	372295	50.366	ug/l	98
71) Bromoform	12.37	173	75889	52.899	ug/l #	98
73) Isopropylbenzene	12.48	105	580045	47.297	ug/l	99
74) N-amyl acetate	12.29	43	77817	48.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	82740	49.476	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	116833	102.061	ug/l #	100
77) Bromobenzene	12.77	156	149319	49.577	ug/l	97
78) n-propylbenzene	12.83	91	642651	45.813	ug/l	99
79) 2-Chlorotoluene	12.91	91	391488	49.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	504623	48.168	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	27182	48.209	ug/l	96
82) 4-Chlorotoluene	13.01	91	418152	48.929	ug/l	100
83) tert-Butylbenzene	13.23	119	412190	46.424	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	498188	47.773	ug/l	98
85) sec-Butylbenzene	13.41	105	518101	43.226	ug/l	100
86) p-Isopropyltoluene	13.52	119	507193	43.820	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	275336	47.909	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	276800	47.566	ug/l	100
89) n-Butylbenzene	13.85	91	412304	41.240	ug/l	99
90) Hexachloroethane	14.12	117	93851	43.057	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	238934	48.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15255	51.522	ug/l	96

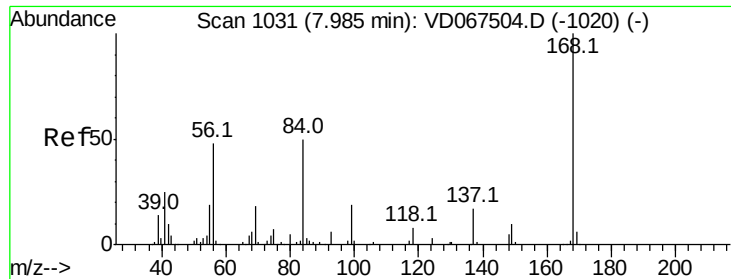
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111620\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	154908	45.887	ug/l	98
94) Hexachlorobutadiene	15.27	225	84504	37.402	ug/l	99
95) Naphthalene	15.41	128	268453	51.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	130999	45.315	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

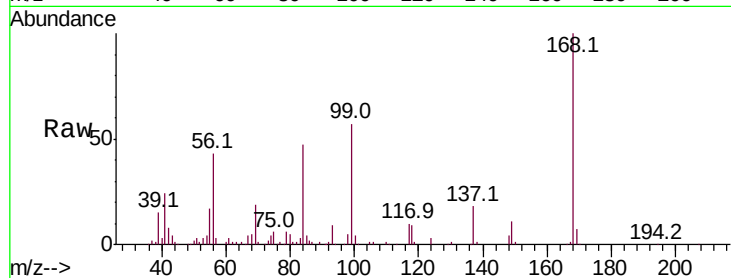
VSTDCCC050EC

Tot Ion:168 Resp: 265509

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

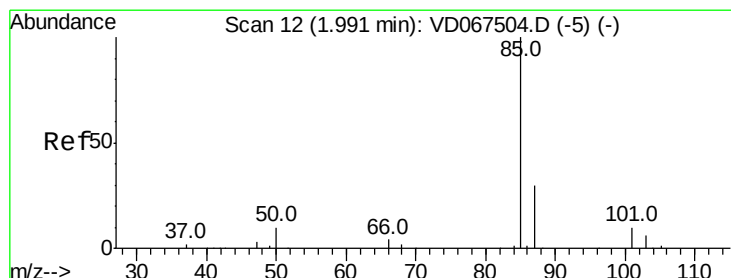
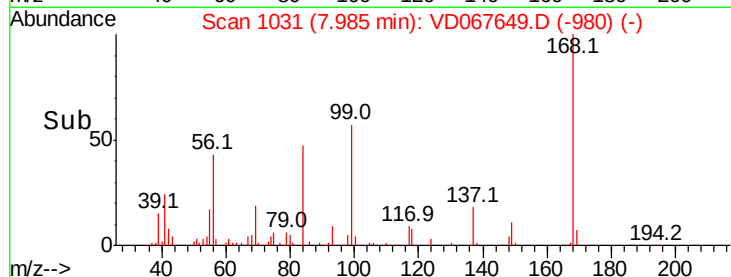
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.974 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067649.D

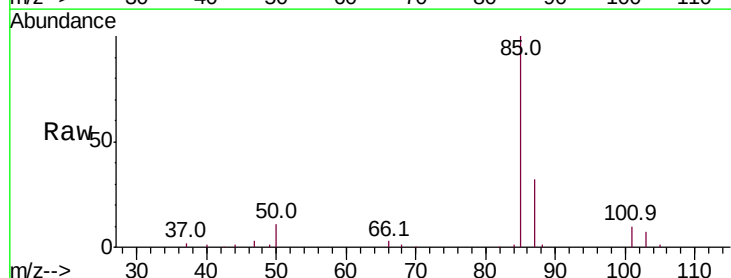
Acq: 16 Nov 2020 19:02

Tgt Ion: 85 Resp: 97641

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

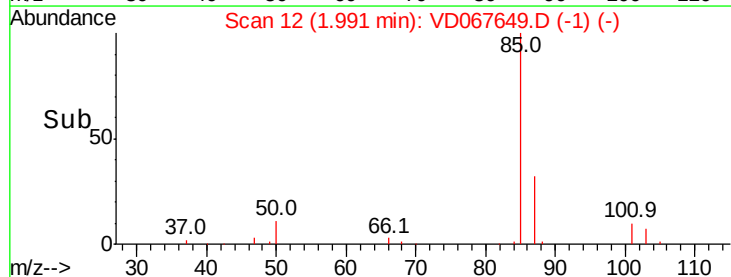
60000

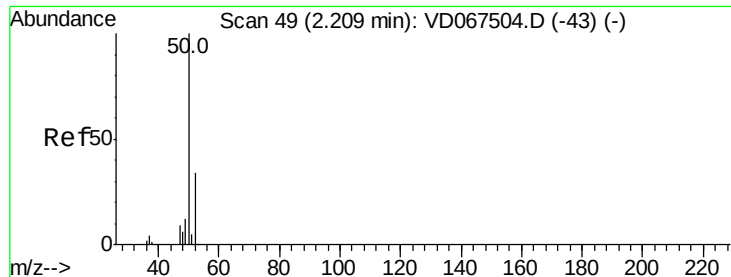
40000

20000

0

Time-->





#3

Chloromethane

Concen: 39.698 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

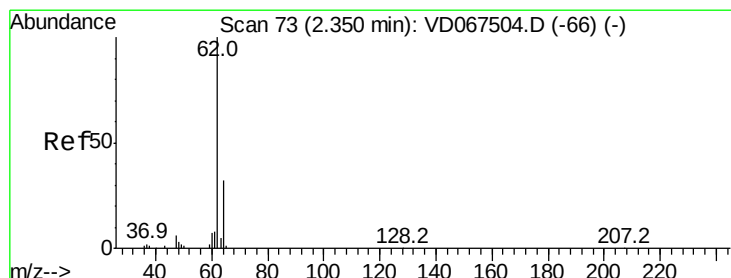
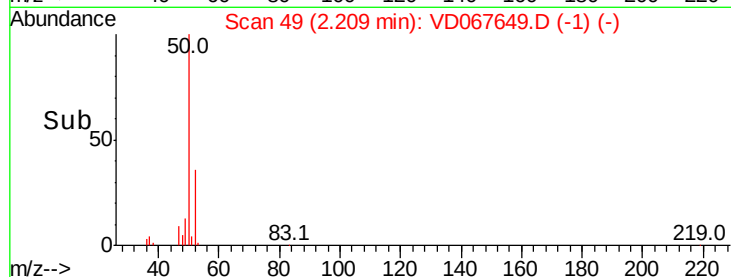
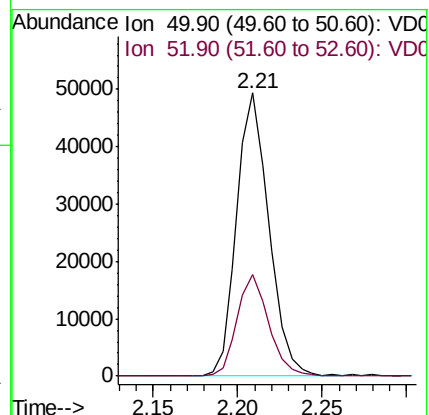
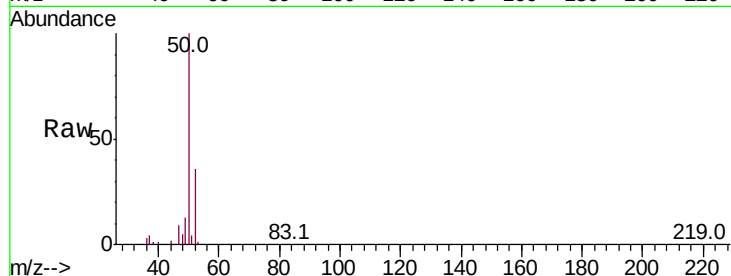
VSTDCCC050EC

Tot Ion: 50 Resp: 65636

Ion Ratio Lower Upper

50 100

52 35.7 27.3 40.9



#4

Vinyl Chloride

Concen: 40.285 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067649.D

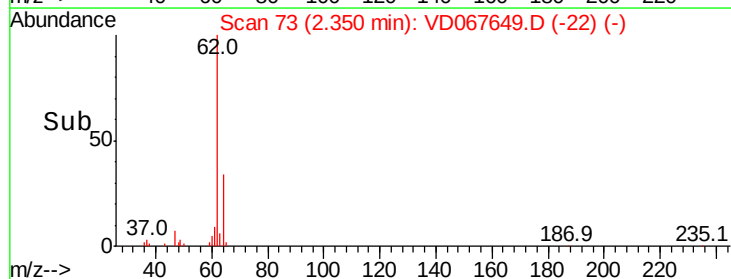
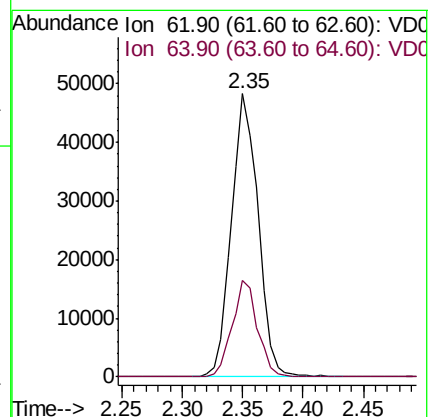
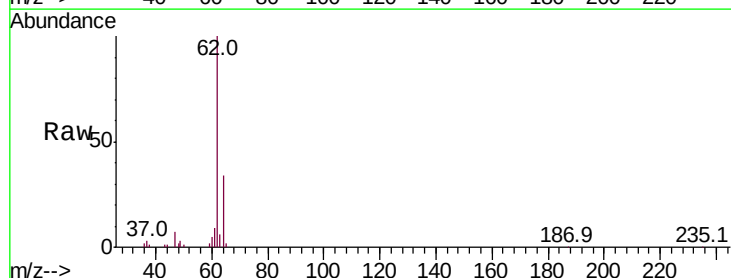
Acq: 16 Nov 2020 19:02

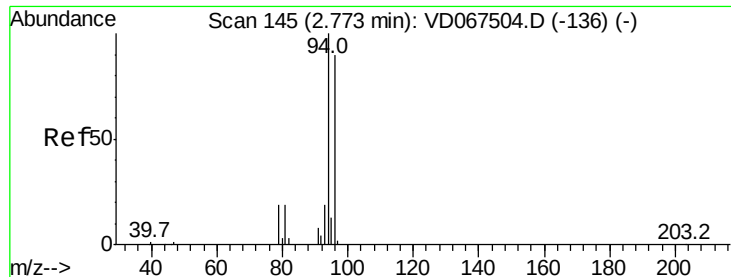
Tgt Ion: 62 Resp: 74260

Ion Ratio Lower Upper

62 100

64 34.1 25.6 38.4





#5

Bromomethane

Concen: 44.370 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

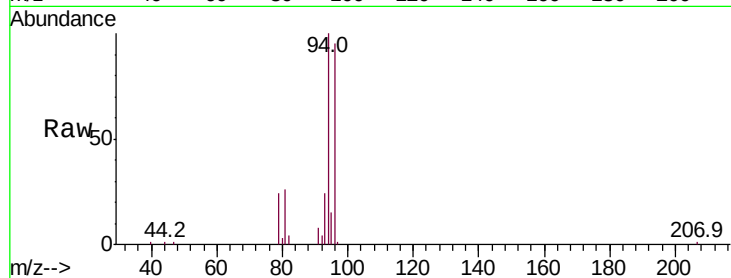
VSTDCCC050EC

Tot Ion: 94 Resp: 66292

Ion Ratio Lower Upper

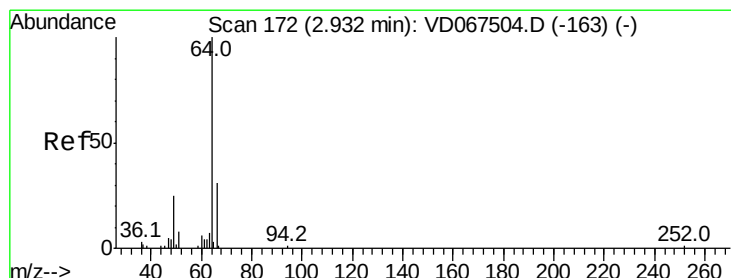
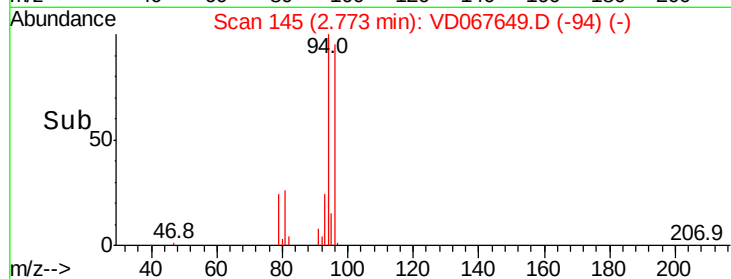
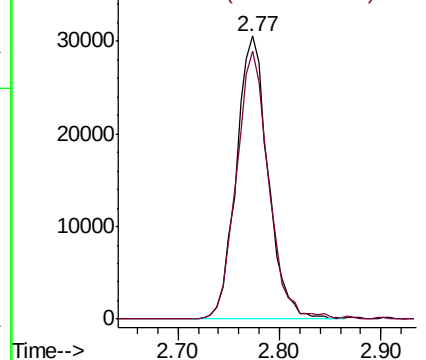
94 100

96 94.7 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.337 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067649.D

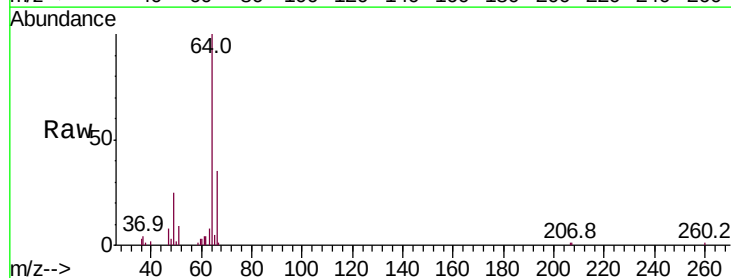
Acq: 16 Nov 2020 19:02

Tgt Ion: 64 Resp: 52661

Ion Ratio Lower Upper

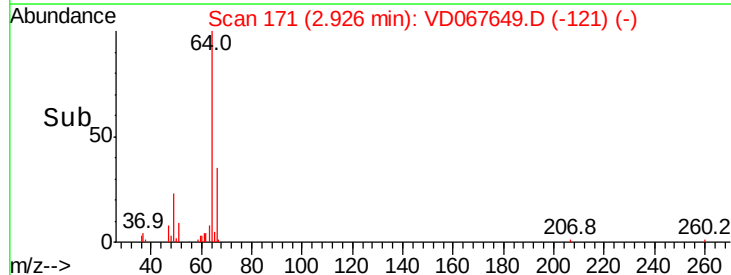
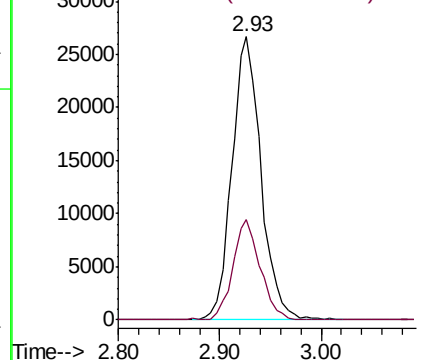
64 100

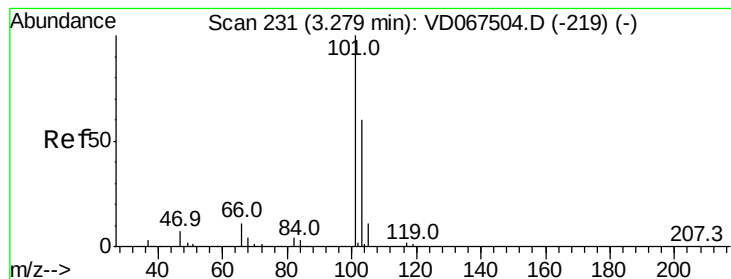
66 35.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



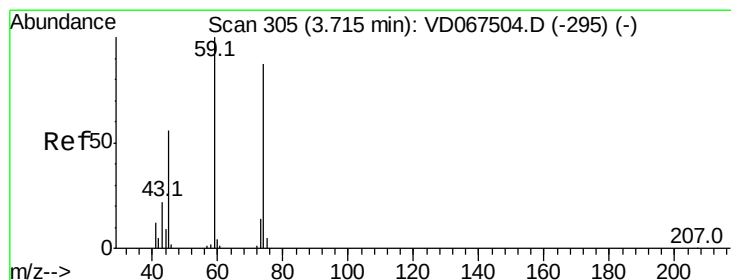
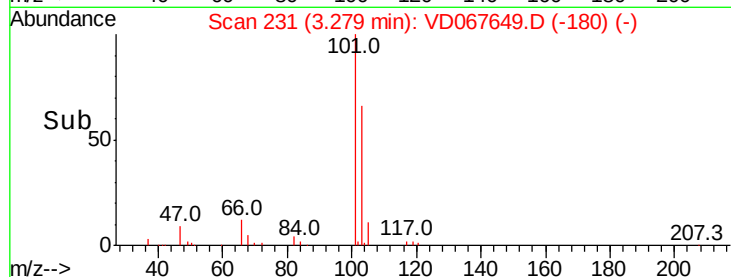
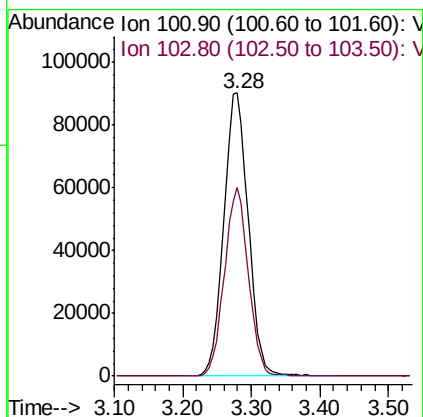
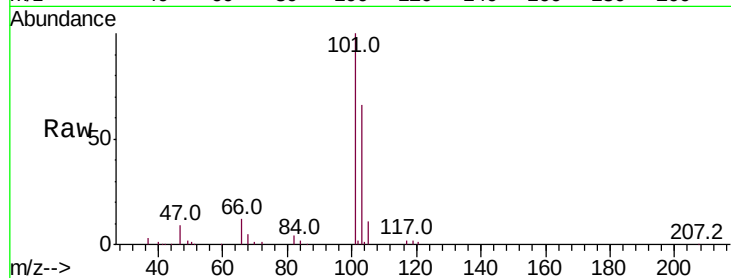


#7

Trichlorofluoromethane
Concen: 46.800 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
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VSTDCCC050EC

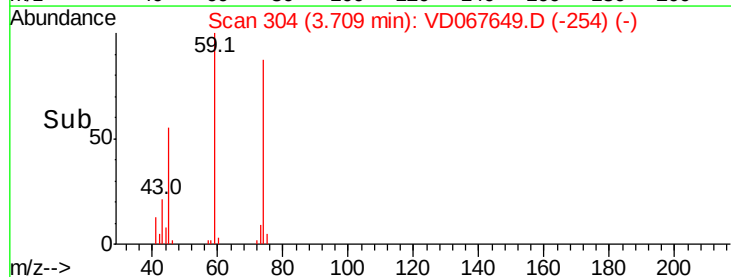
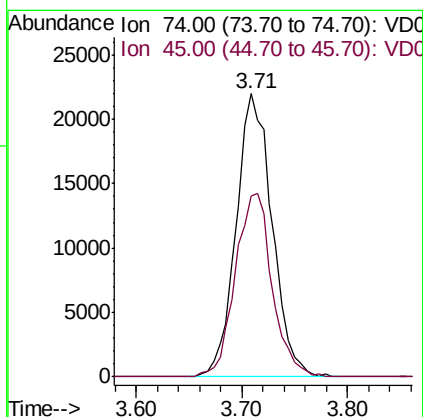
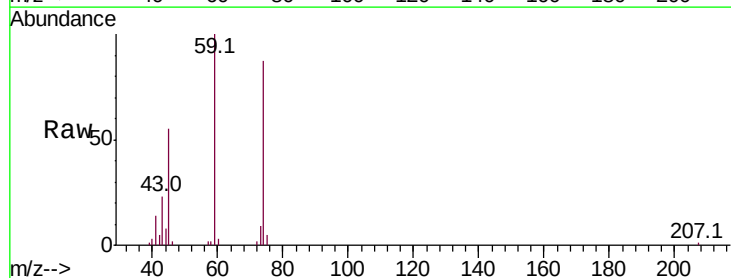
Tot Ion:101 Resp: 223372
Ion Ratio Lower Upper
101 100
103 66.5 48.1 72.1

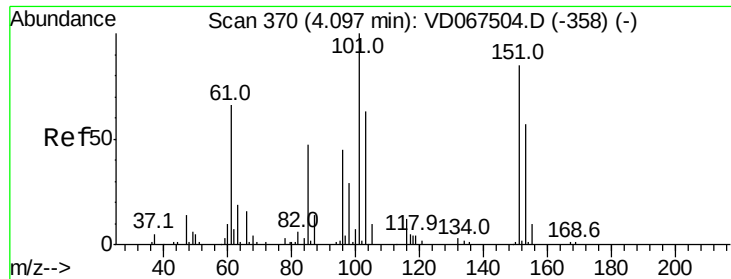


#8

Diethyl Ether
Concen: 53.915 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 74 Resp: 51852
Ion Ratio Lower Upper
74 100
45 66.2 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.524 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

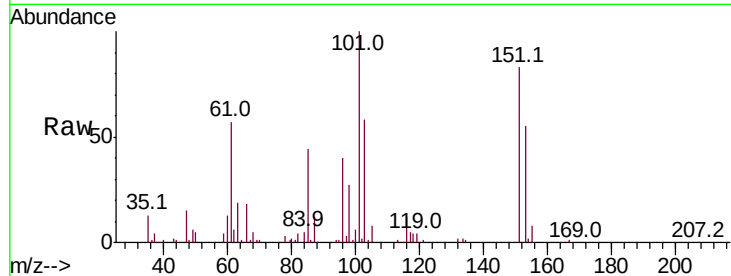
Tot Ion:101 Resp: 112088

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

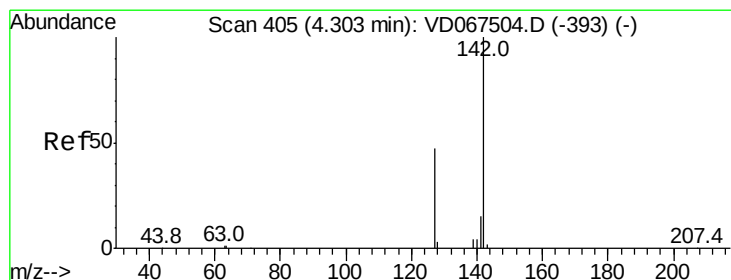
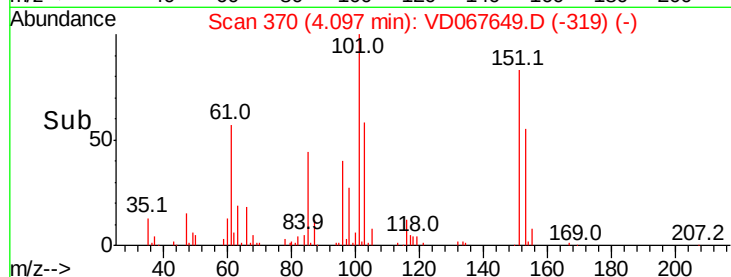
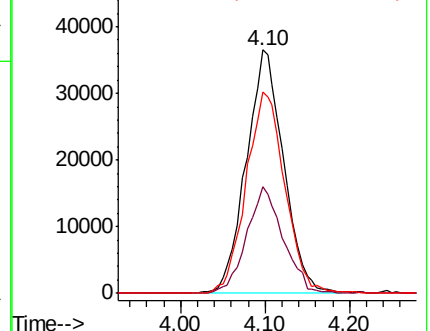
151 85.5 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.477 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

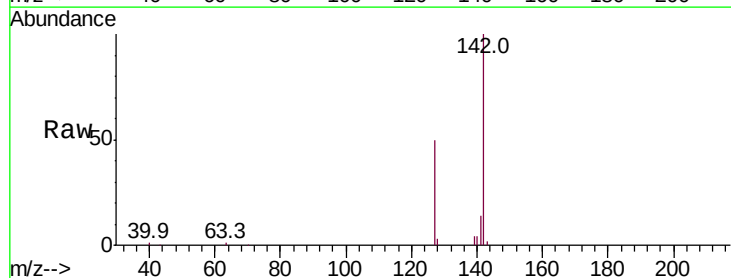
Tgt Ion:142 Resp: 130341

Ion Ratio Lower Upper

142 100

127 51.4 40.0 60.0

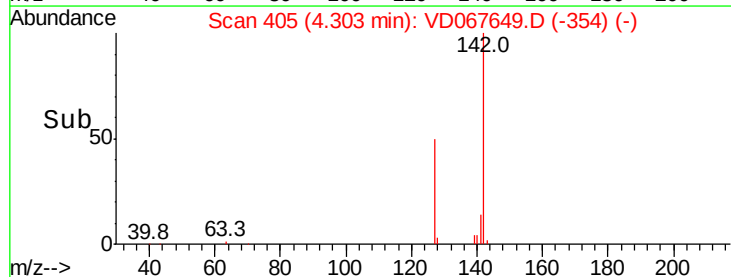
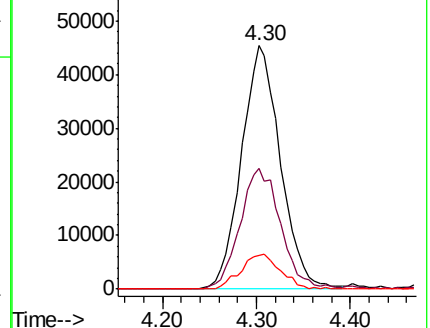
141 14.5 11.7 17.5

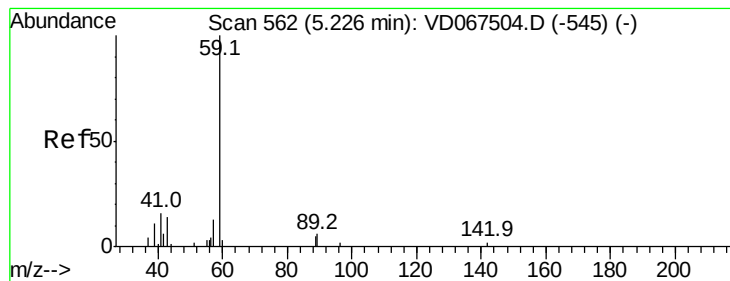


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



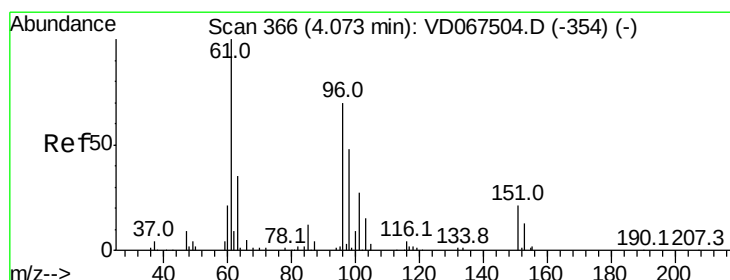
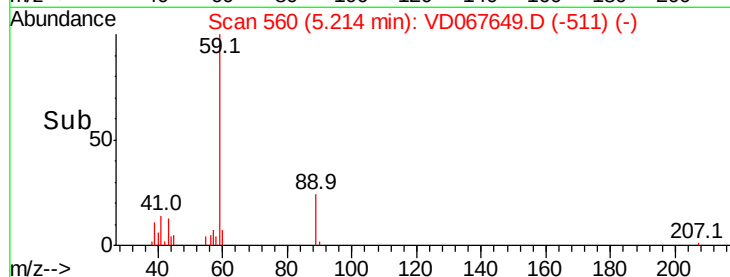
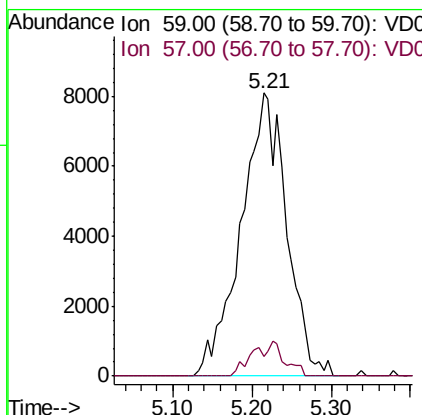
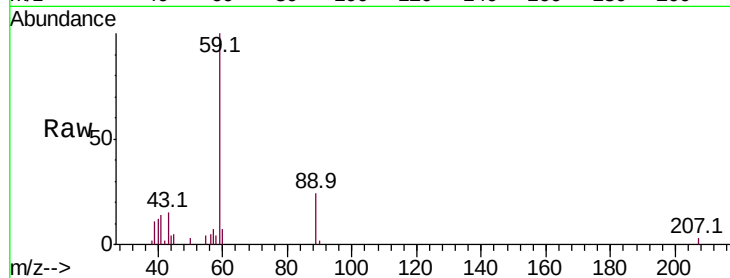


#11

Tert butyl alcohol
 Concen: 330.483 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

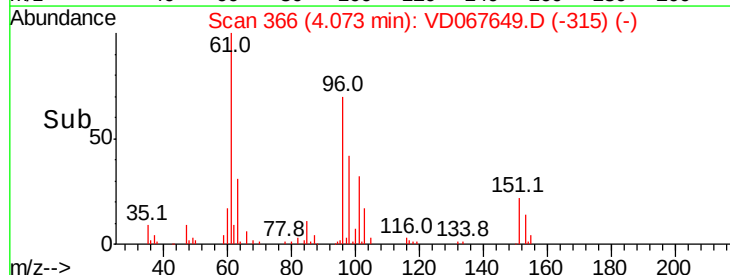
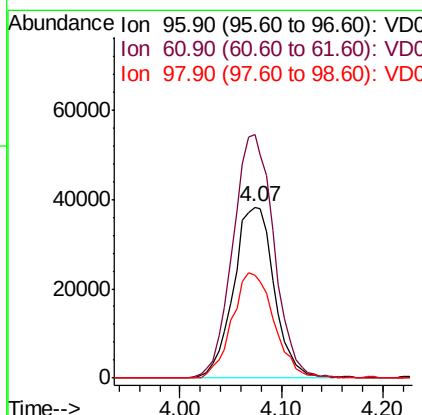
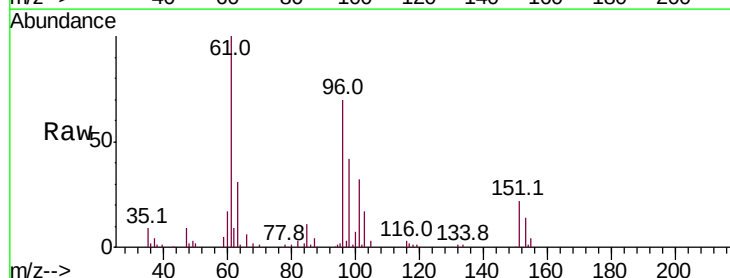
Tot Ion: 59 Resp: 32413
 Ion Ratio Lower Upper
 59 100
 57 3.9 5.9 8.9#

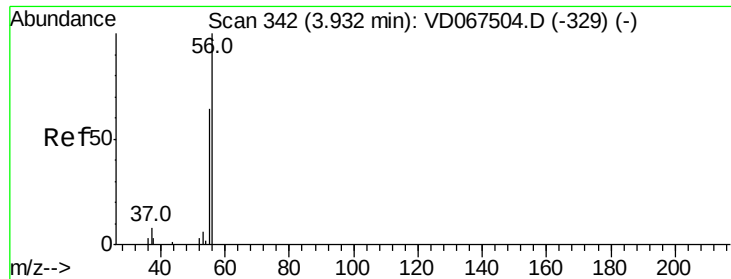


#12

1,1-Dichloroethene
 Concen: 47.982 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 96 Resp: 106331
 Ion Ratio Lower Upper
 96 100
 61 142.3 114.5 171.7
 98 60.2 54.5 81.7





#13

Acrolein

Concen: 241.868 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

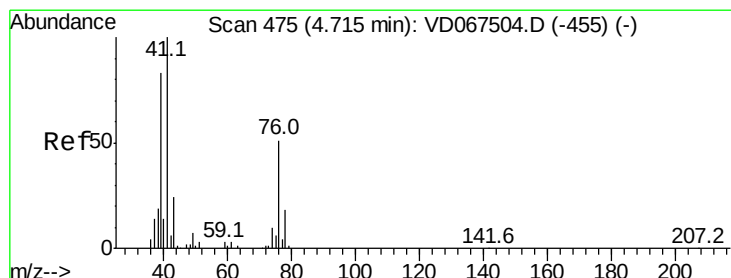
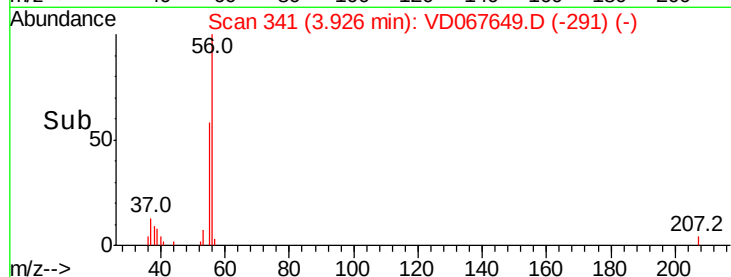
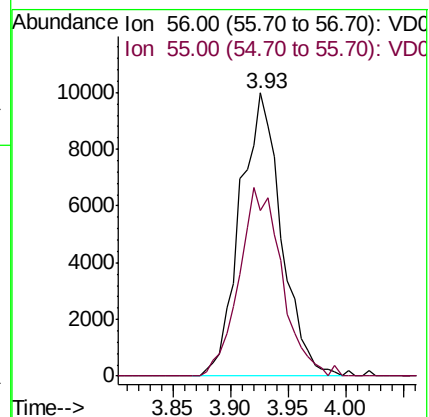
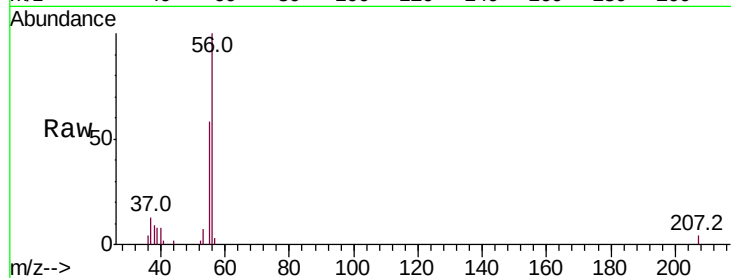
VSTDCCC050EC

Tot Ion: 56 Resp: 24816

Ion Ratio Lower Upper

56 100

55 68.6 55.8 83.8



#14

Allyl chloride

Concen: 47.314 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

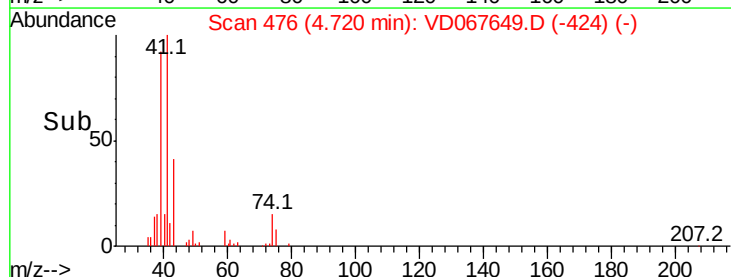
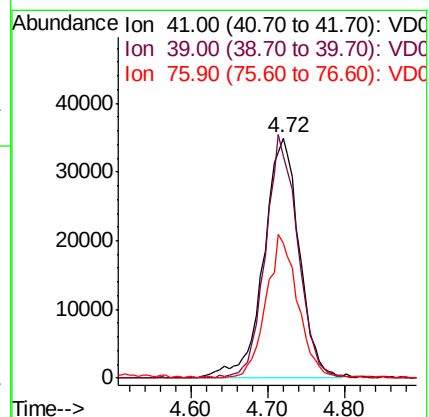
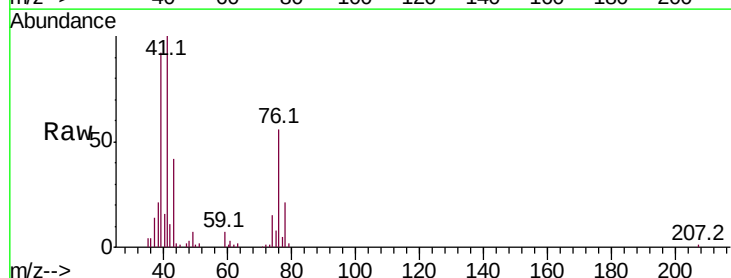
Tgt Ion: 41 Resp: 112217

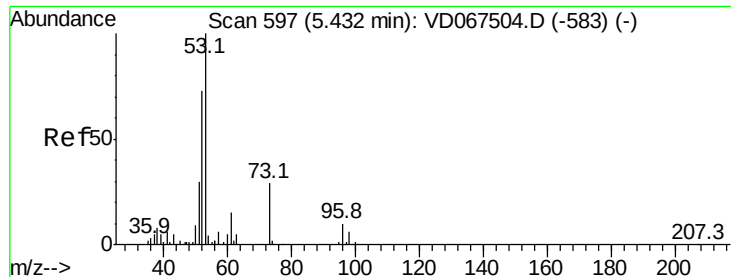
Ion Ratio Lower Upper

41 100

39 92.5 67.4 101.0

76 53.5 42.2 63.2





#15

Acrylonitrile

Concen: 254.093 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

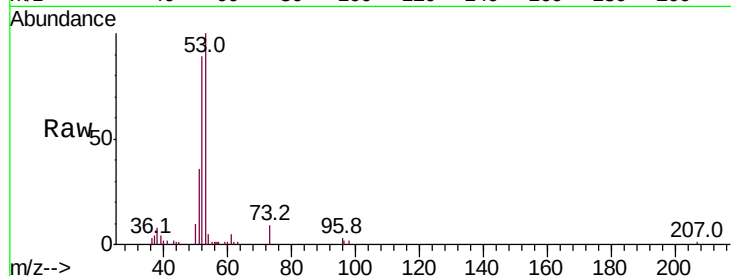
Tot Ion: 53 Resp: 90333

Ion Ratio Lower Upper

53 100

52 83.8 64.8 97.2

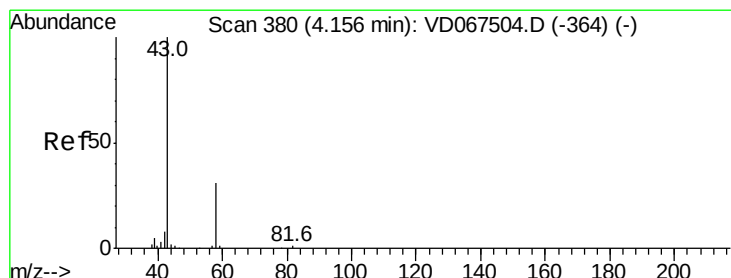
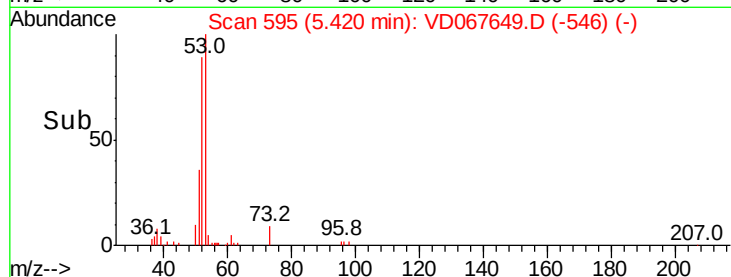
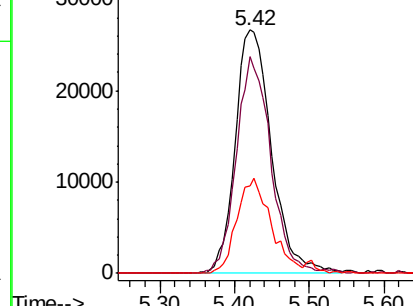
51 36.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 238.011 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067649.D

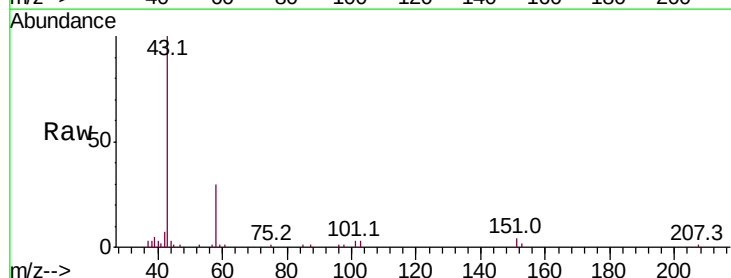
Acq: 16 Nov 2020 19:02

Tgt Ion: 43 Resp: 82688

Ion Ratio Lower Upper

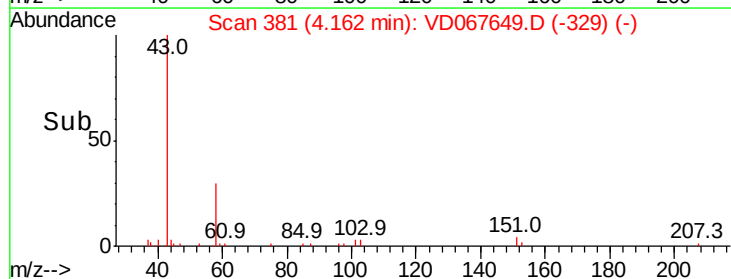
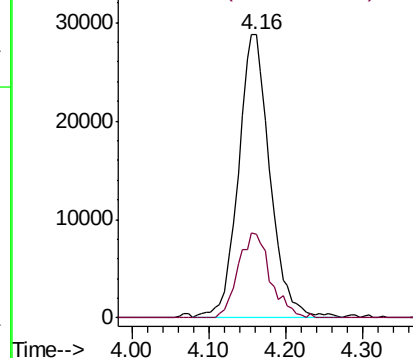
43 100

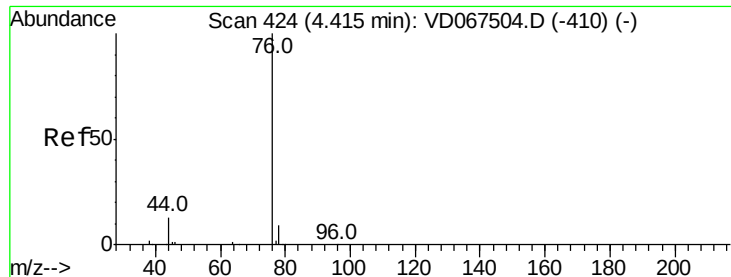
58 29.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

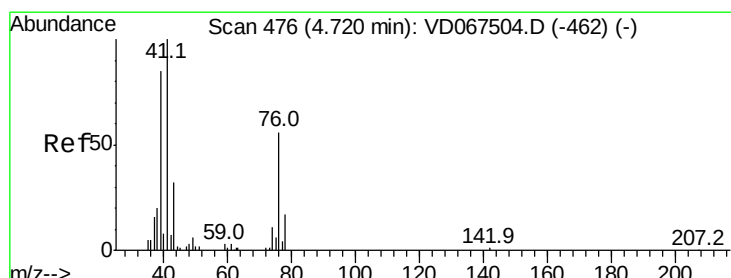
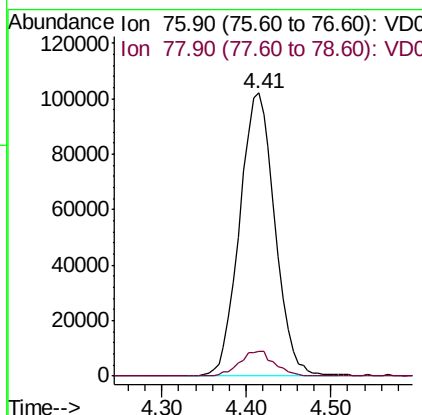
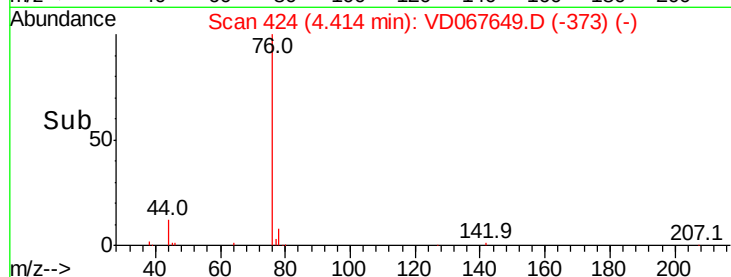
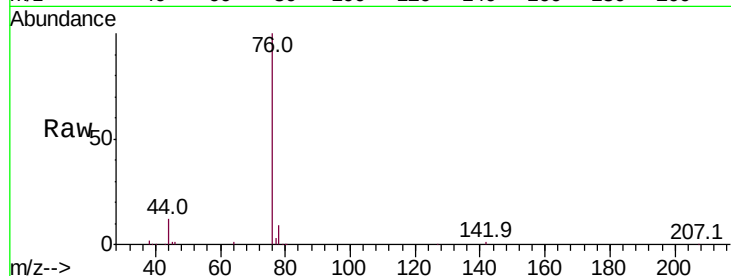




#17
Carbon Disulfide
Concen: 43.527 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

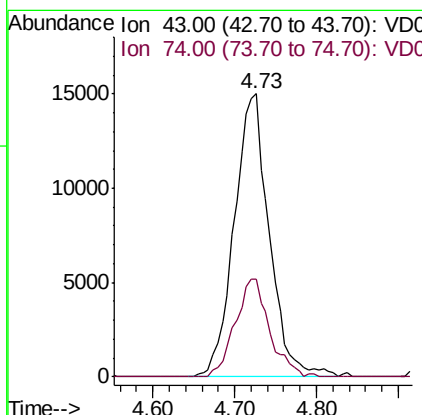
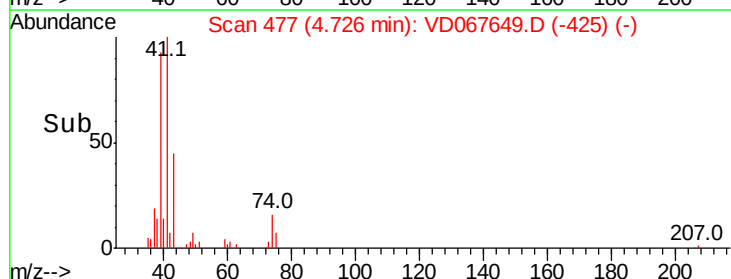
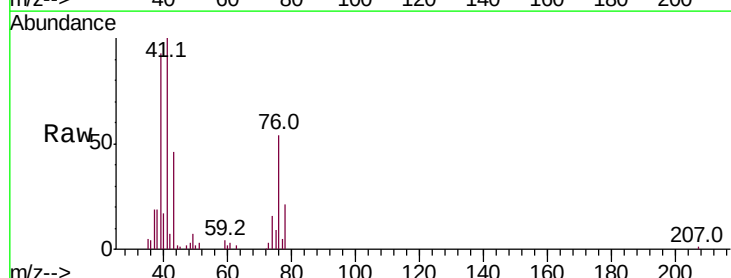
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

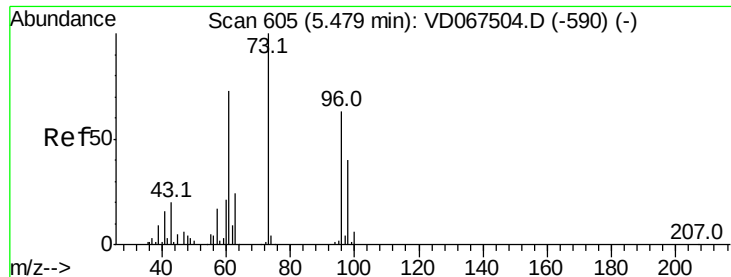
Tot Ion: 76 Resp: 295577
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 62.306 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 43 Resp: 44730
Ion Ratio Lower Upper
43 100
74 33.9 27.2 40.8

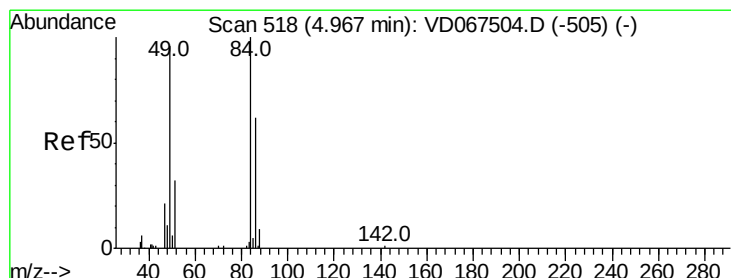
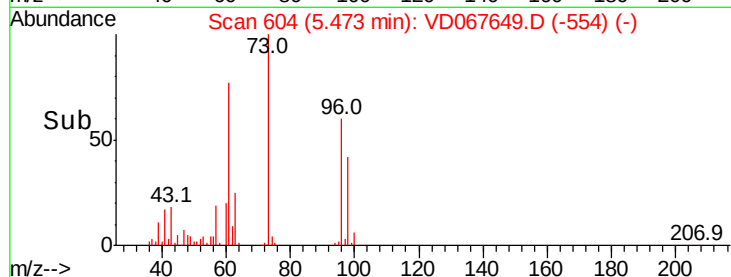
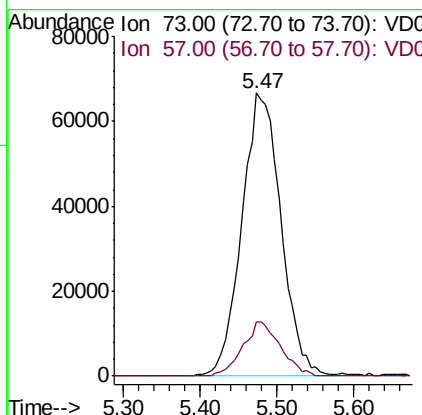
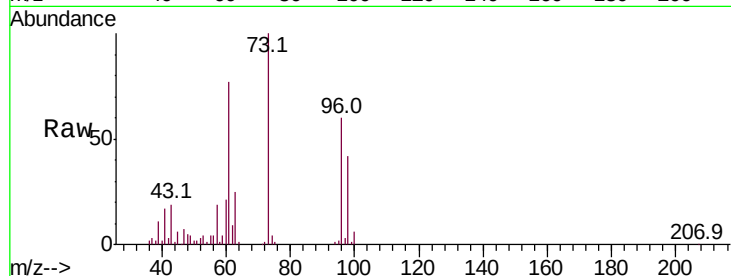




#19
Methyl tert-butyl Ether
Concen: 54.332 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

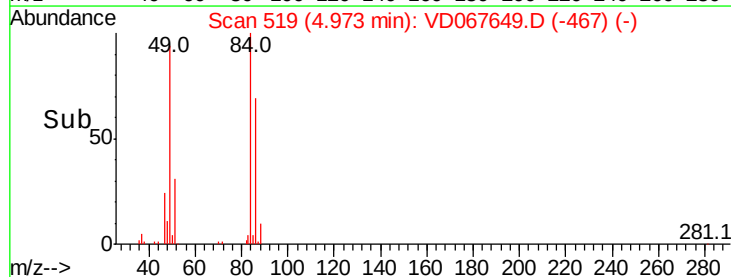
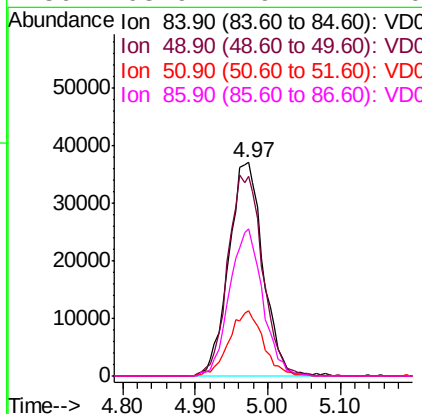
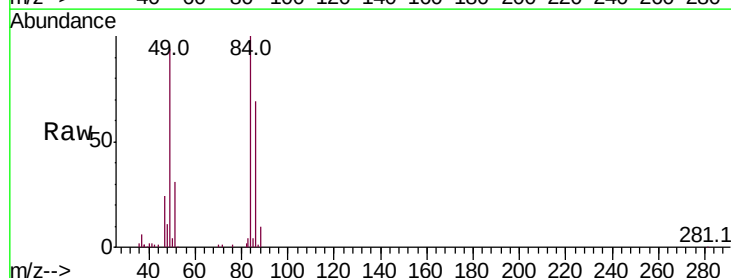
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

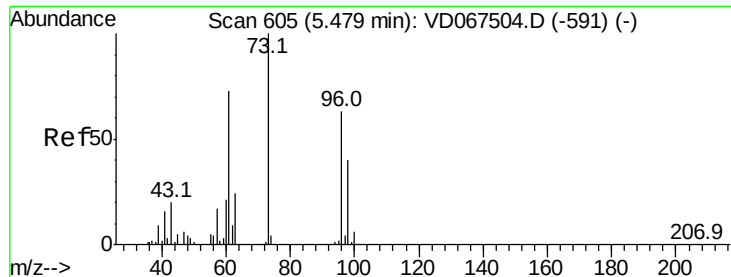
Tot Ion: 73 Resp: 237497
Ion Ratio Lower Upper
73 100
57 19.4 13.4 20.0



#20
Methylene Chloride
Concen: 49.550 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 84 Resp: 121600
Ion Ratio Lower Upper
84 100
49 93.8 77.0 115.4
51 30.8 25.4 38.2
86 68.9 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.643 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

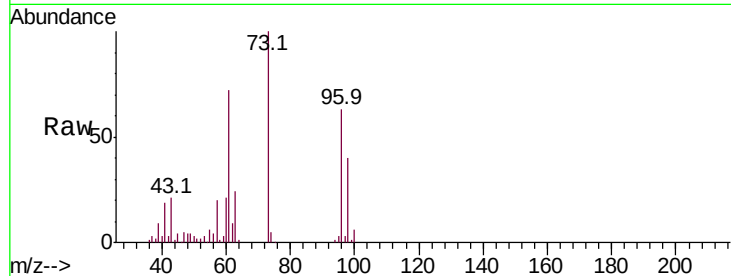
Tot Ion: 96 Resp: 125555

Ion Ratio Lower Upper

96 100

61 115.0 93.0 139.6

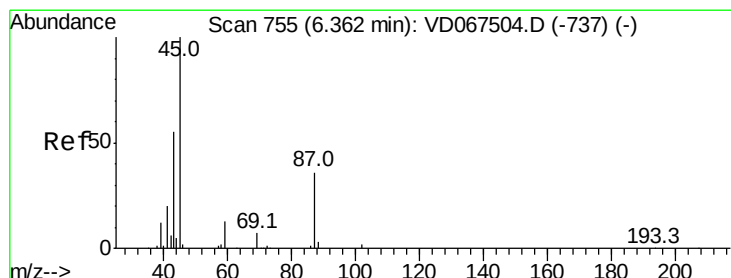
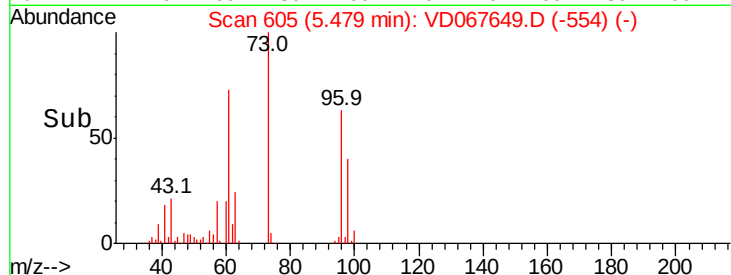
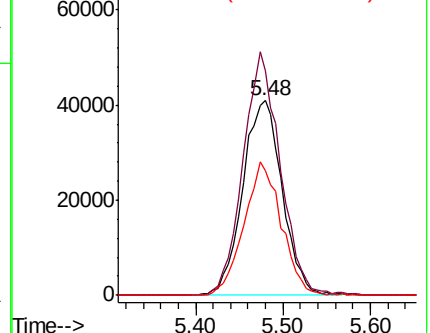
98 63.7 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.284 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion: 45 Resp: 232407

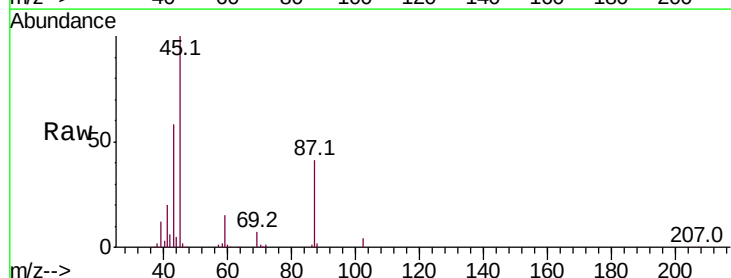
Ion Ratio Lower Upper

45 100

43 57.5 46.2 69.4

87 40.3 29.4 44.2

59 14.9 10.8 16.2

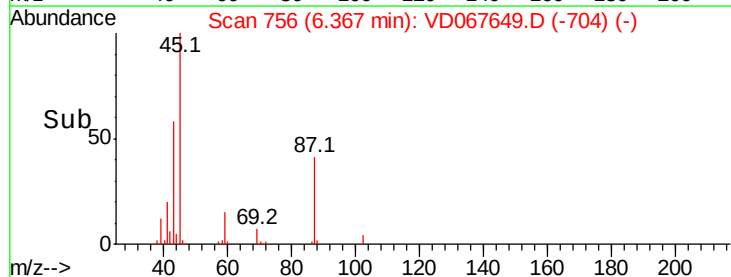
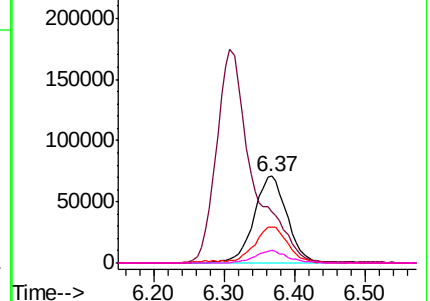


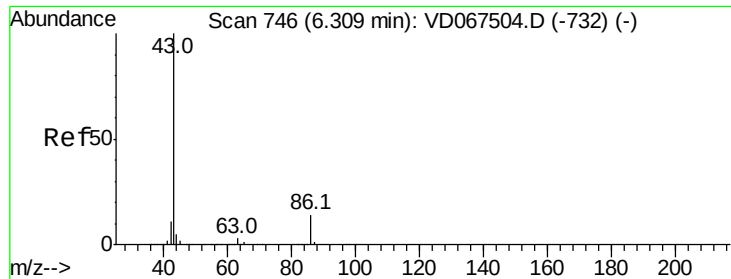
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

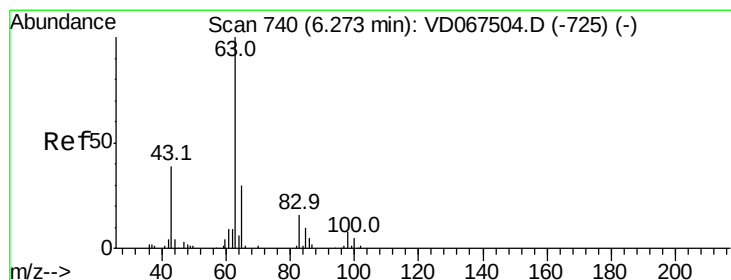
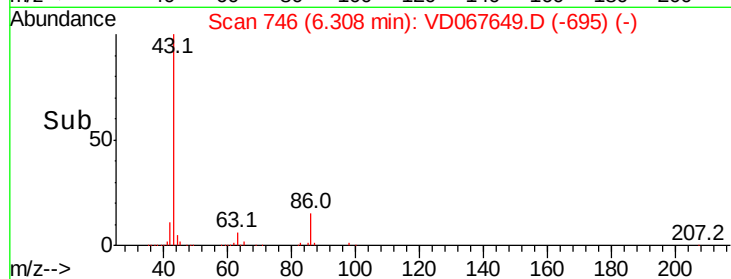
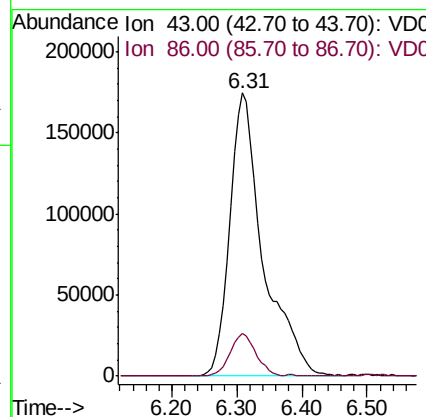
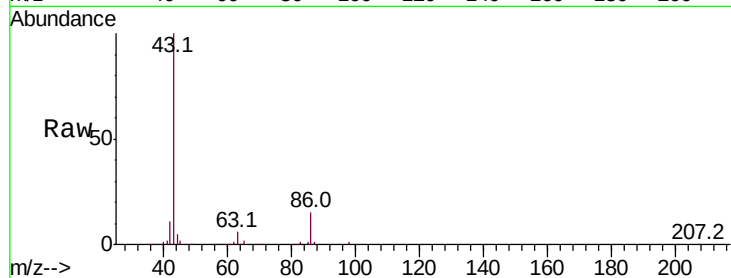




#23
 Vinyl Acetate
 Concen: 256.418 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

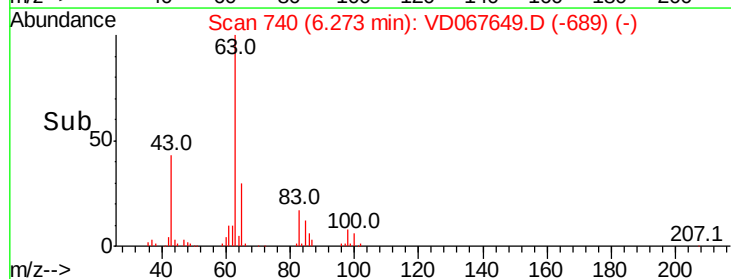
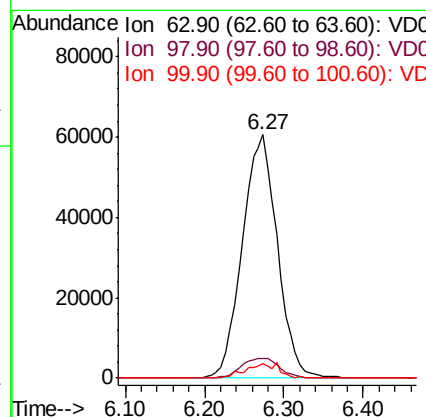
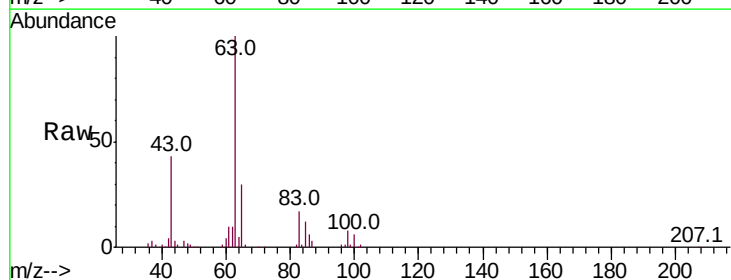
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

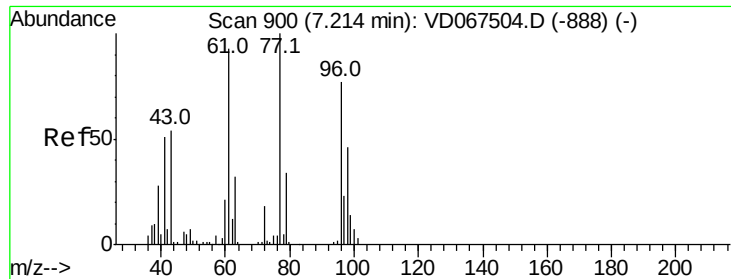
Tot Ion: 43 Resp: 620361
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.6 17.4



#24
 1,1-Dichloroethane
 Concen: 49.165 ug/l
 RT: 6.27 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 63 Resp: 185899
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.8 2.6 7.8





#25

2-Butanone

Concen: 255.019 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

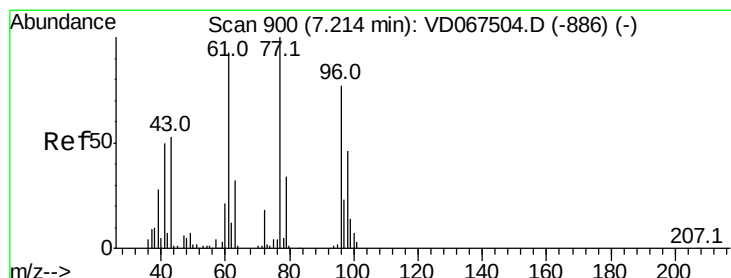
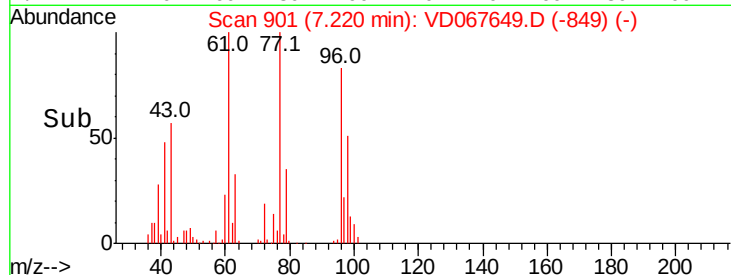
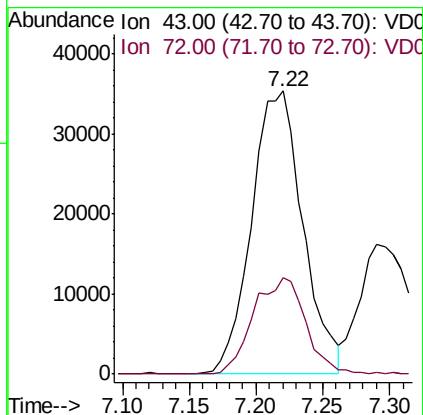
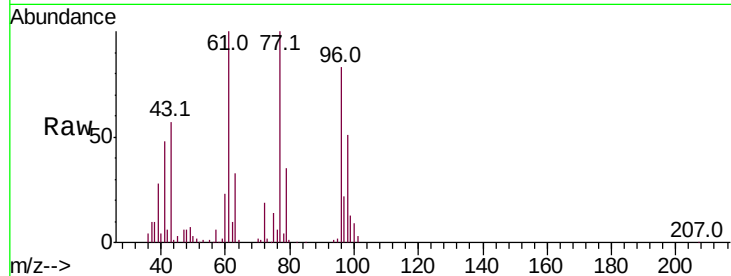
VSTDCCC050EC

Tot Ion: 43 Resp: 94668

Ion Ratio Lower Upper

43 100

72 34.0 26.4 39.6



#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067649.D

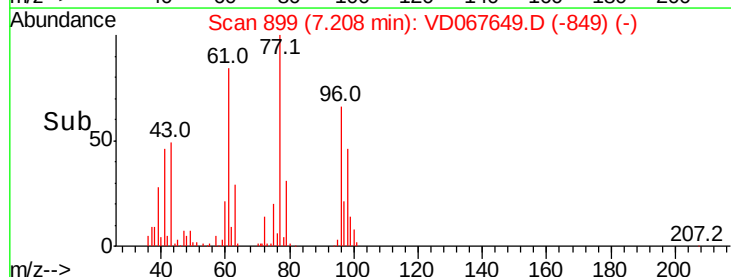
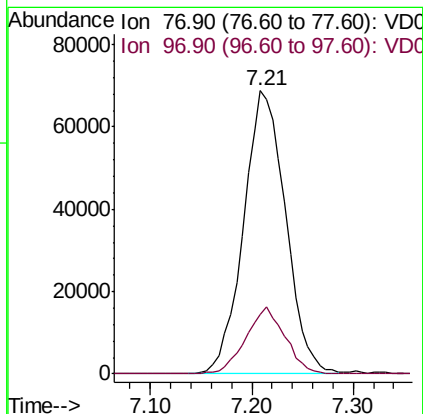
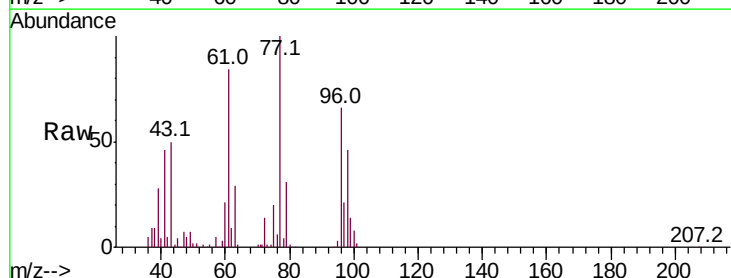
Acq: 16 Nov 2020 19:02

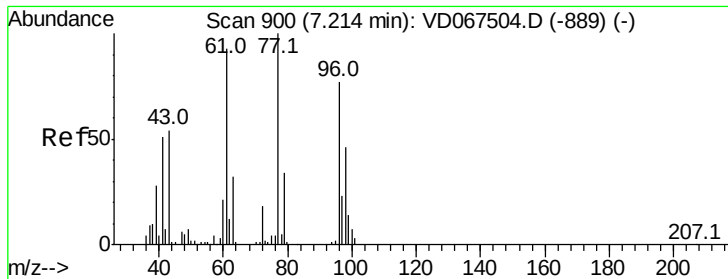
Tgt Ion: 77 Resp: 197989

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3



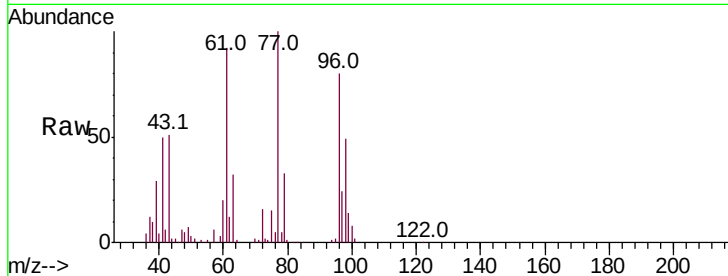


#27

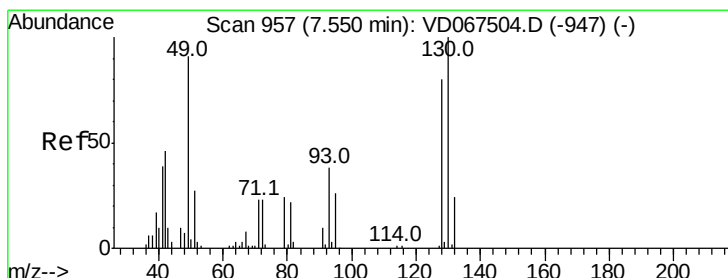
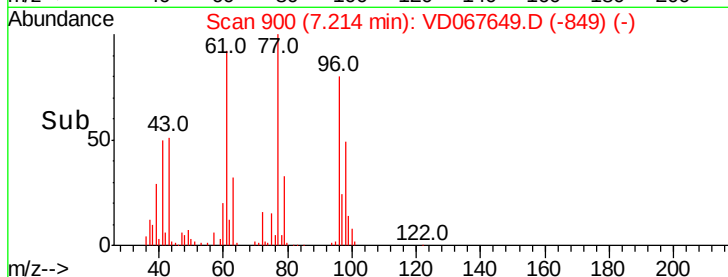
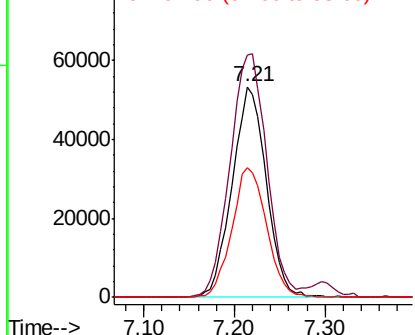
cis-1,2-Dichloroethene
 Concen: 52.134 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	96	Resp	139673
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	251.6
98	62.6	0.0	128.0



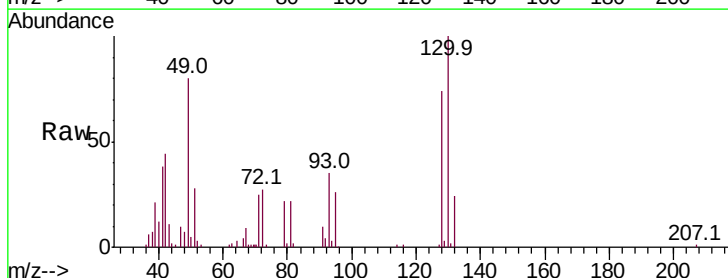
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



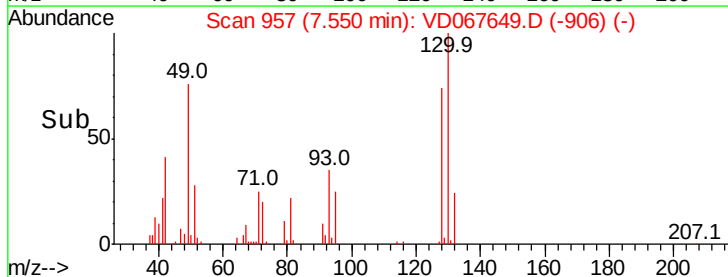
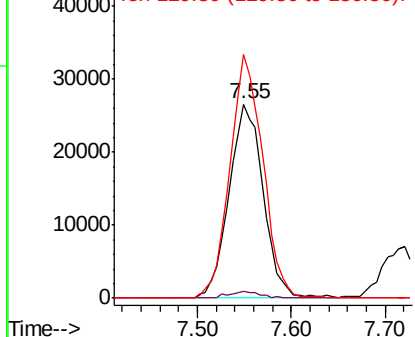
#28

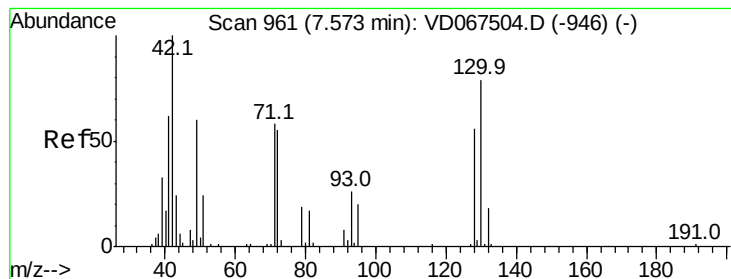
Bromochloromethane
 Concen: 49.805 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	49	Resp	66986
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	6.4
130	120.7	94.6	142.0



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





#29

Tetrahydrofuran

Concen: 258.160 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

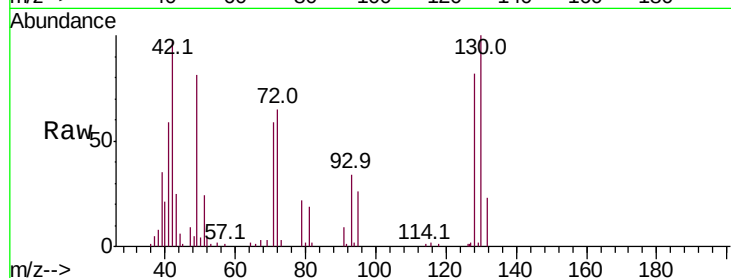
Tot Ion: 42 Resp: 57405

Ion Ratio Lower Upper

42 100

72 60.2 46.3 69.5

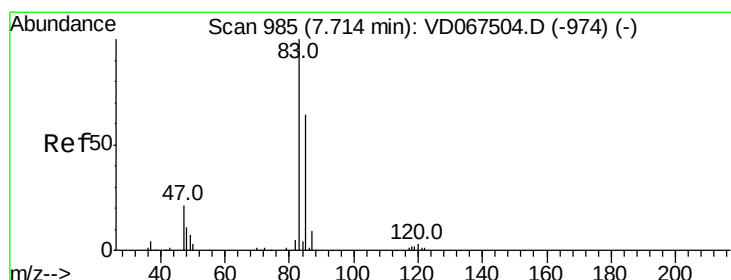
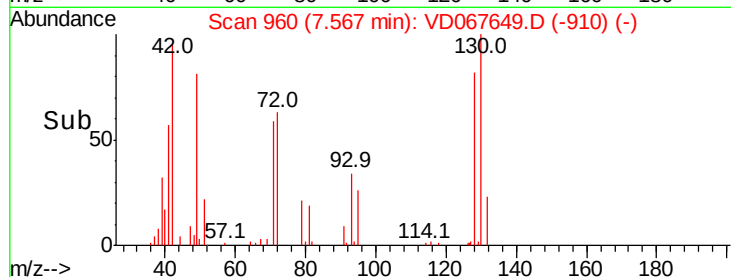
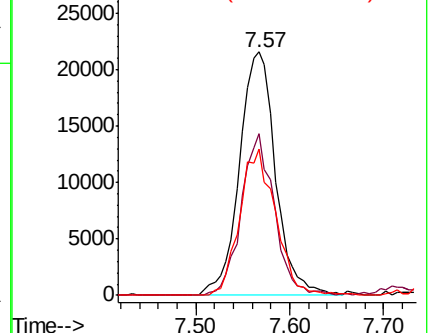
71 59.8 44.0 66.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 52.456 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067649.D

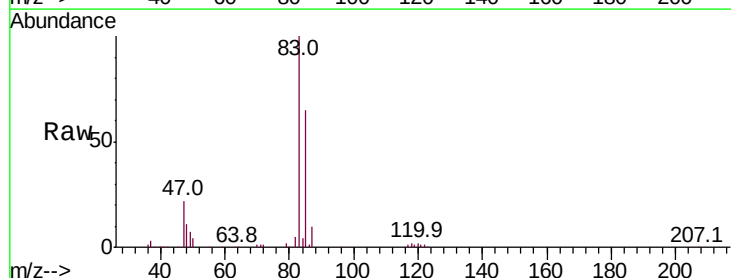
Acq: 16 Nov 2020 19:02

Tgt Ion: 83 Resp: 236624

Ion Ratio Lower Upper

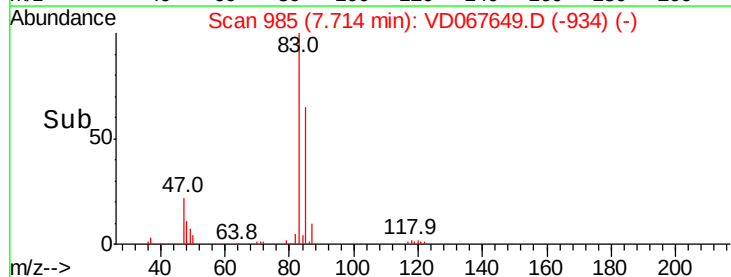
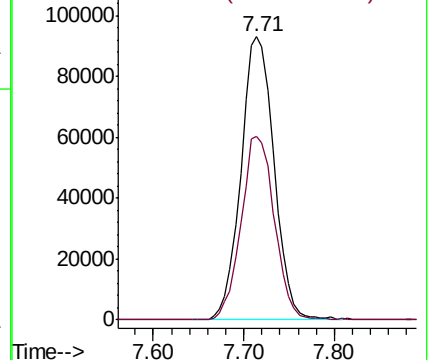
83 100

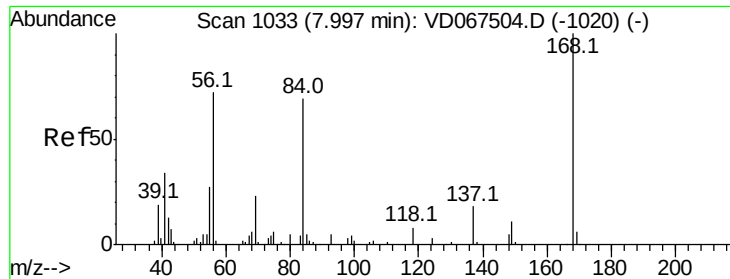
85 64.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

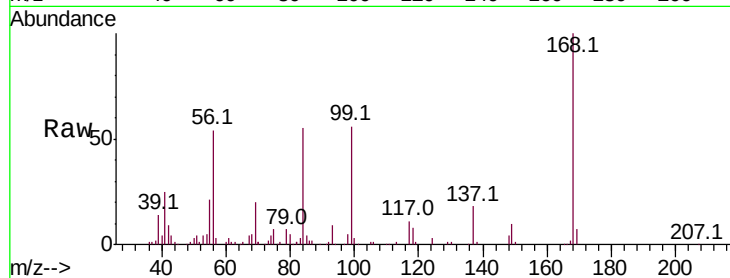




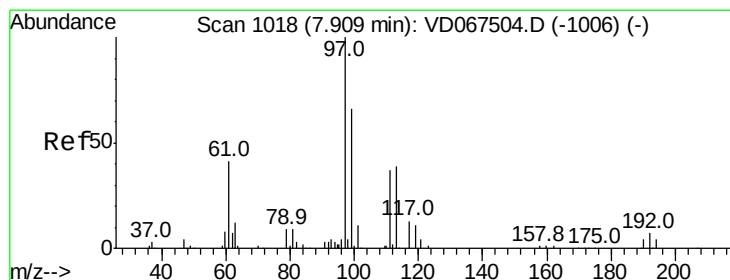
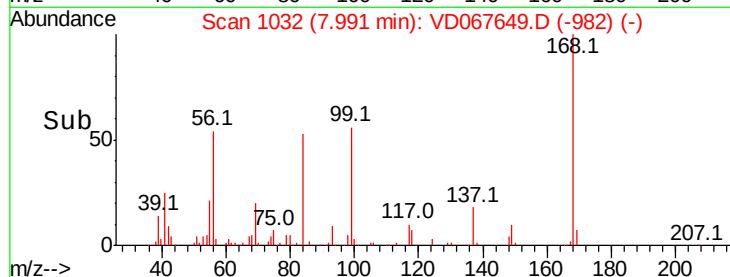
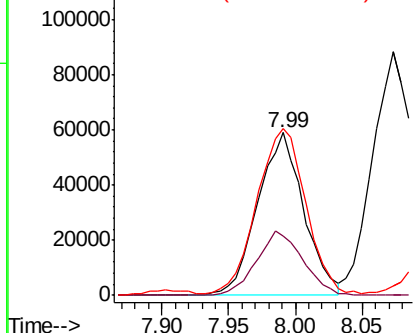
#31
Cyclohexane
Concen: 41.970 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 141319
Ion Ratio Lower Upper
56 100
69 36.4 25.9 38.9
84 99.7 76.2 114.4

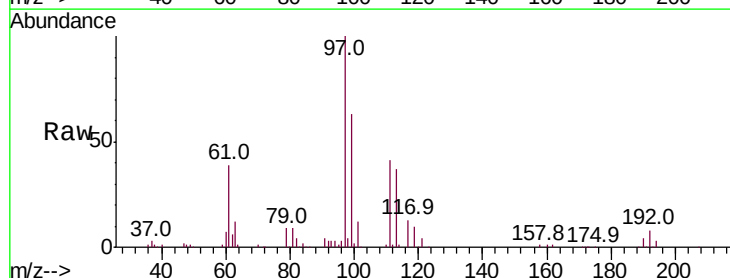


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

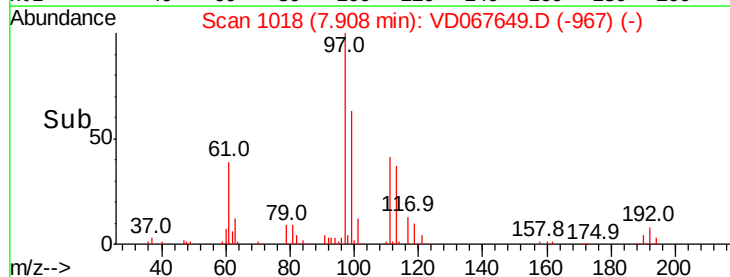
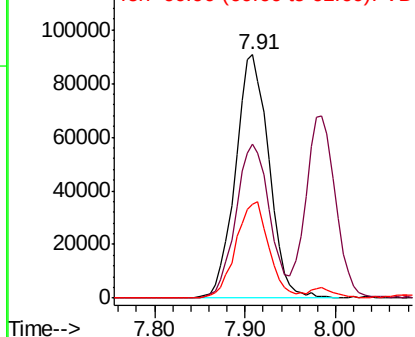


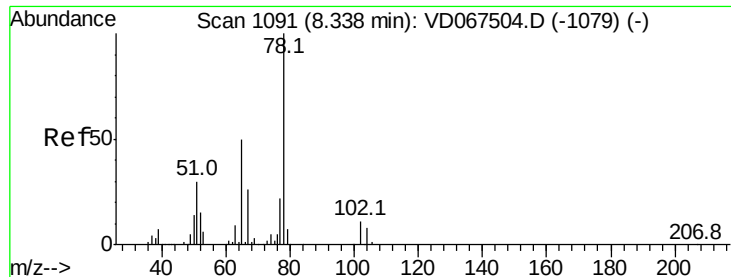
#32
1,1,1-Trichloroethane
Concen: 50.046 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 97 Resp: 232927
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 38.7 30.5 45.7



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

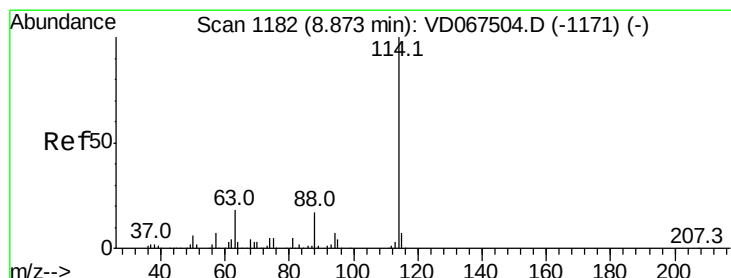
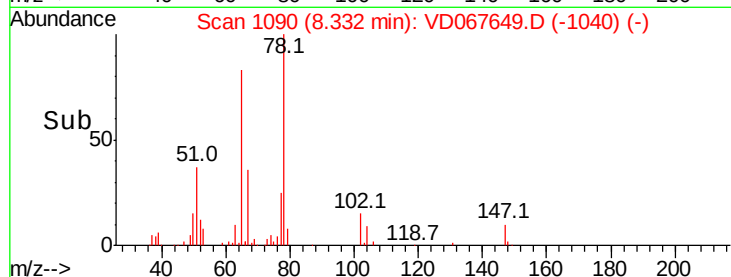
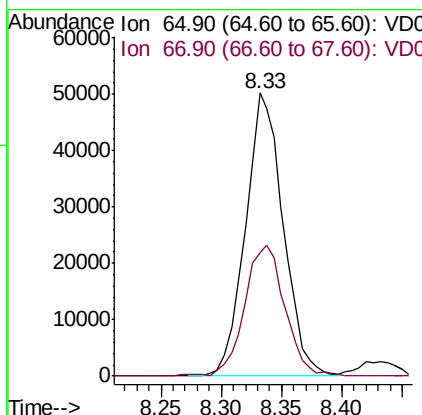
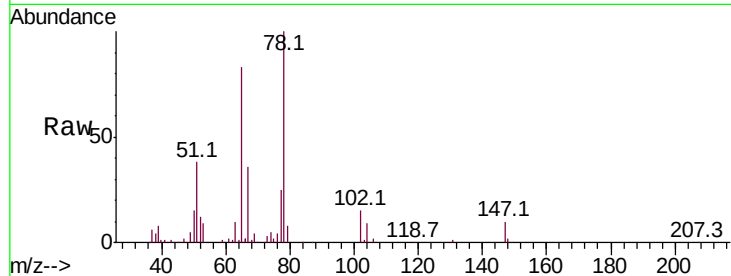




#33
 1,2-Dichloroethane-d4
 Concen: 46.951 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

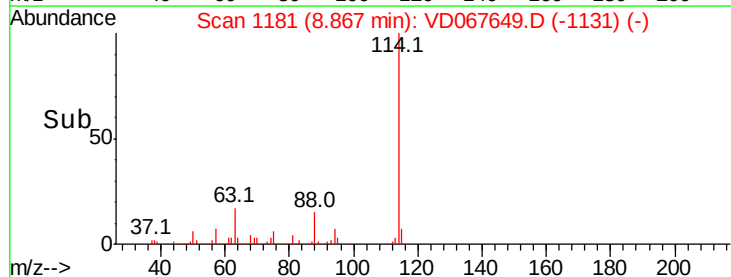
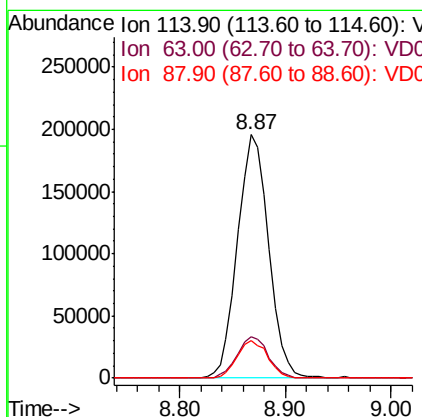
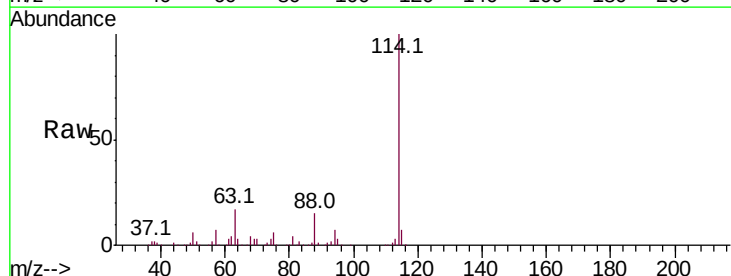
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

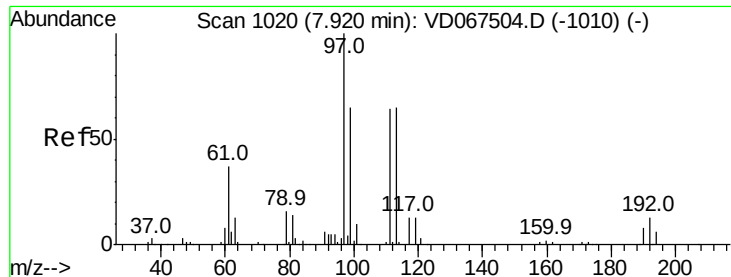
Tot Ion: 65 Resp: 109000
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 114 Resp: 400974
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.0
 88 15.2 0.0 33.0

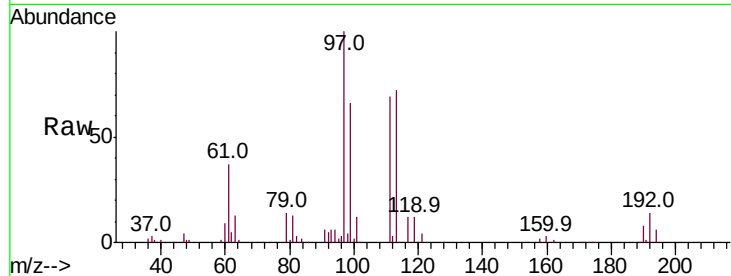




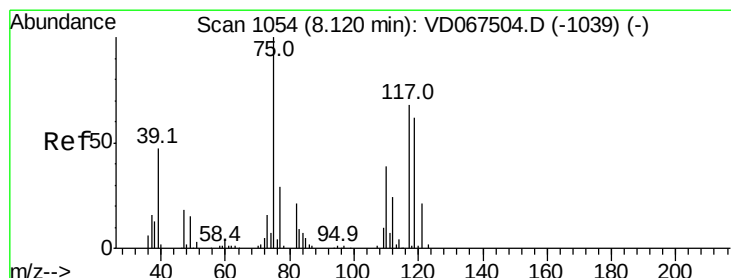
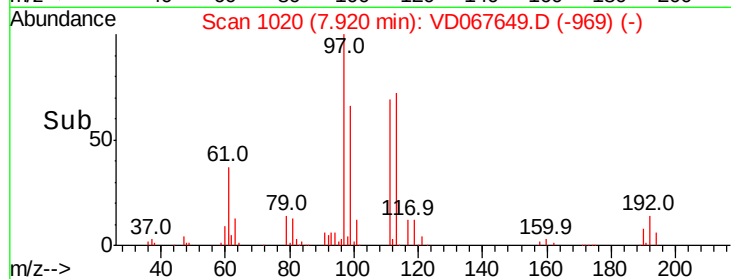
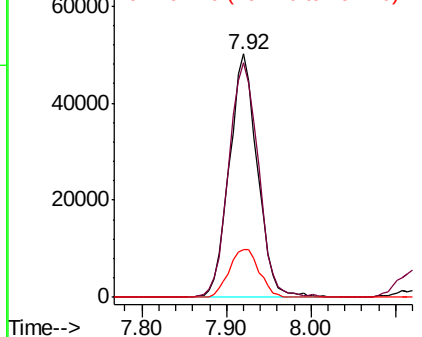
#35
 Dibromofluoromethane
 Concen: 47.469 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 114679
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.0 120.0
 192 21.1 16.3 24.5

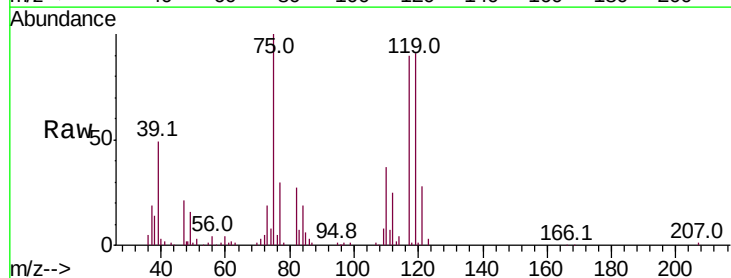


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

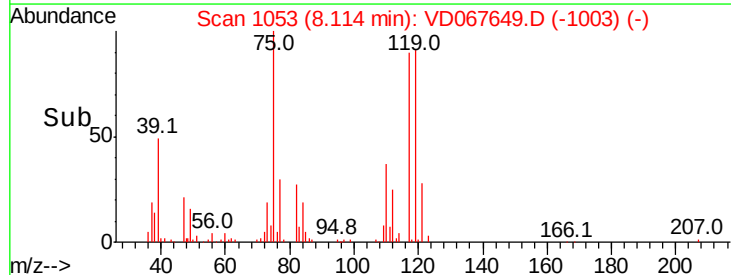
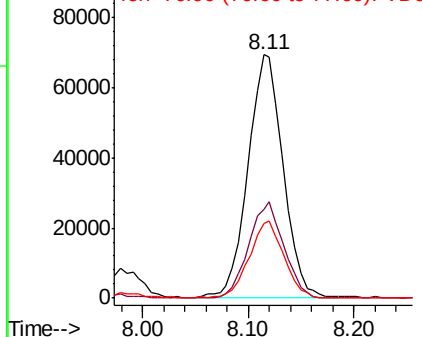


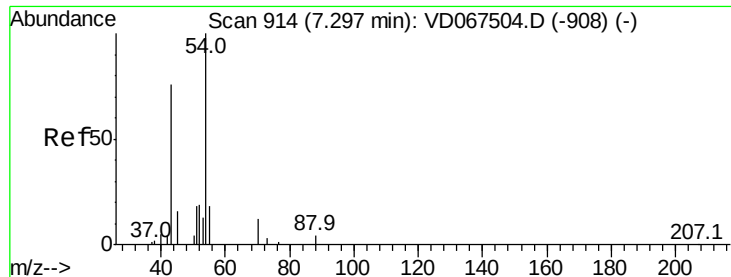
#36
 1,1-Dichloropropene
 Concen: 46.462 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 75 Resp: 159470
 Ion Ratio Lower Upper
 75 100
 110 39.7 19.9 59.7
 77 31.6 24.8 37.2



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: 49.870 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

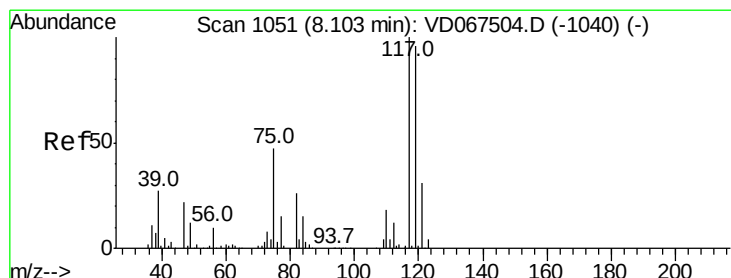
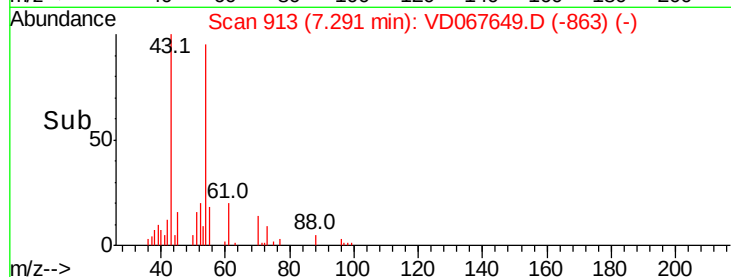
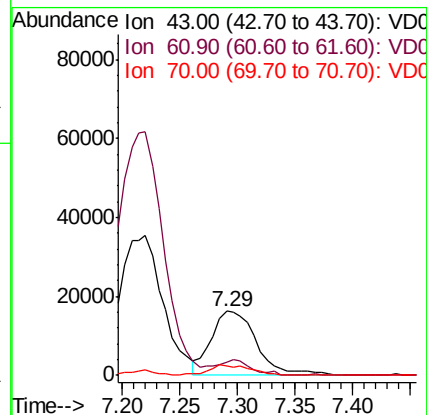
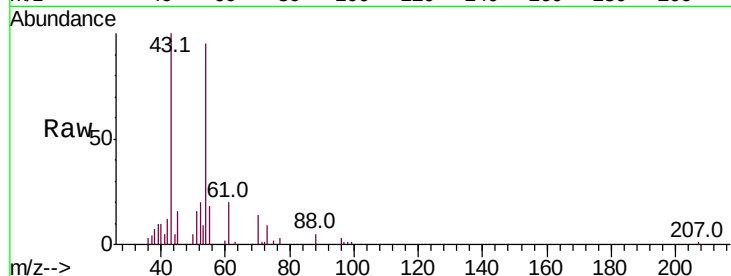
Tot Ion: 43 Resp: 44438

Ion Ratio Lower Upper

43 100

61 17.8 12.8 19.2

70 14.7 11.7 17.5



#38

Carbon Tetrachloride

Concen: 49.823 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

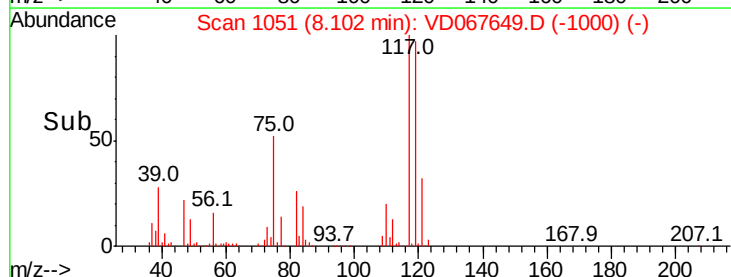
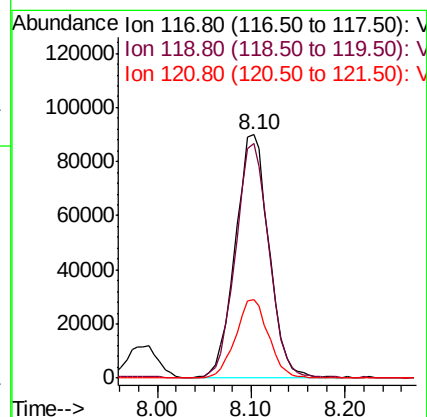
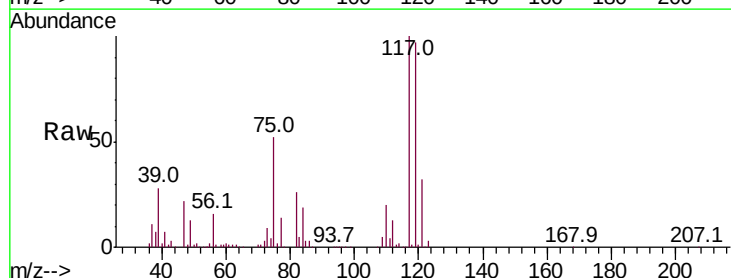
Tgt Ion: 117 Resp: 222183

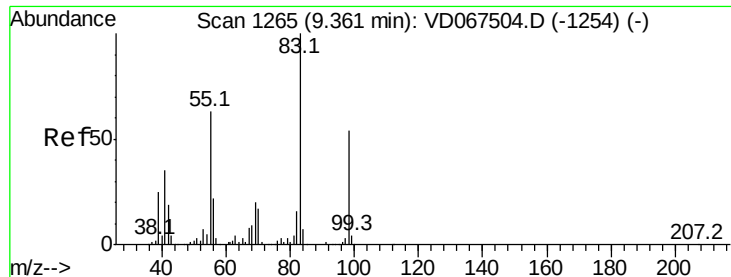
Ion Ratio Lower Upper

117 100

119 96.6 76.9 115.3

121 32.2 24.5 36.7

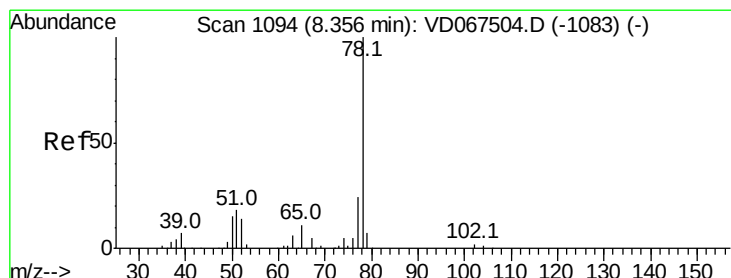
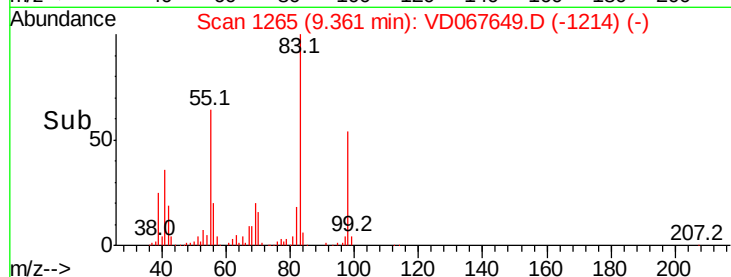
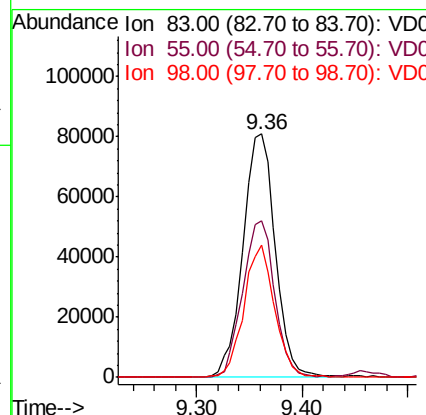
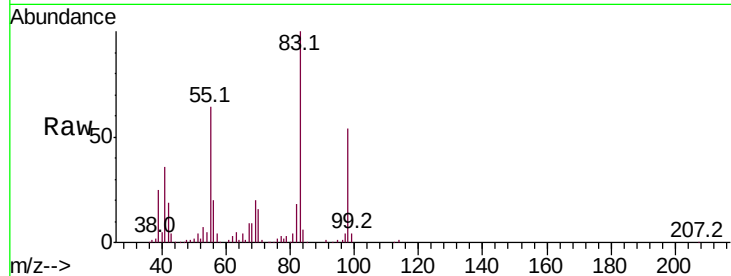




#39
Methylvlcyclohexane
Concen: 42.598 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

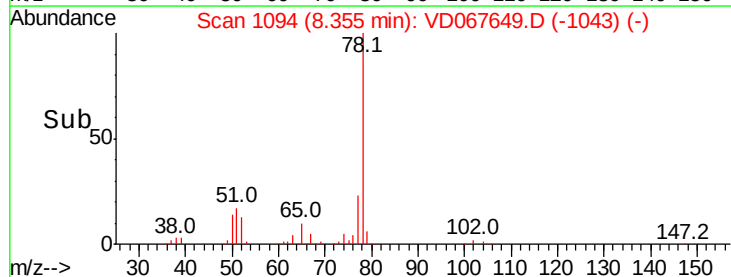
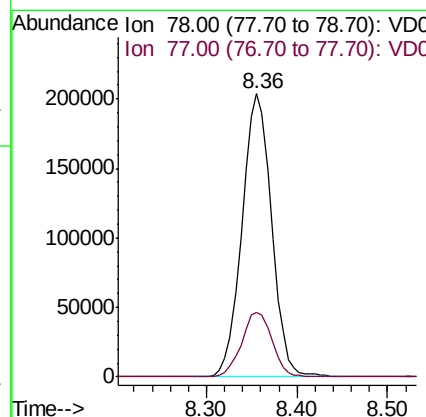
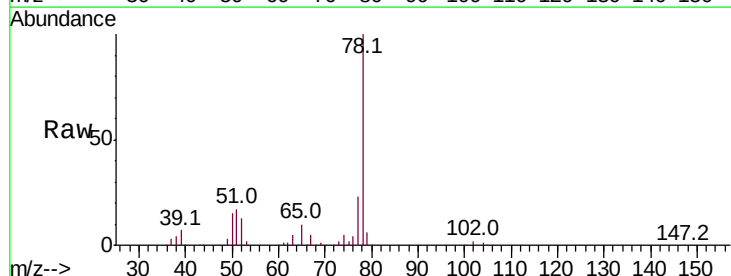
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

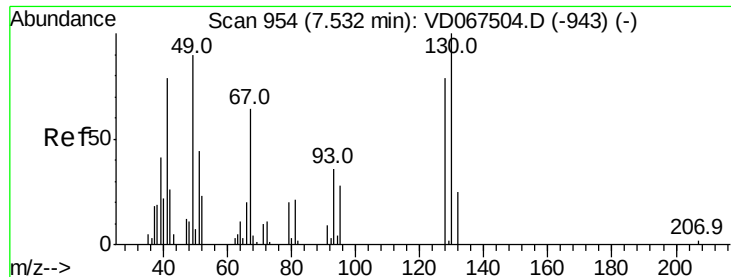
Tot Ion: 83 Resp: 172082
Ion Ratio Lower Upper
83 100
55 64.3 50.5 75.7
98 54.5 43.4 65.0



#40
Benzene
Concen: 49.562 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 78 Resp: 460789
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7





#41

Methacrylonitrile

Concen: 119.420 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 63608

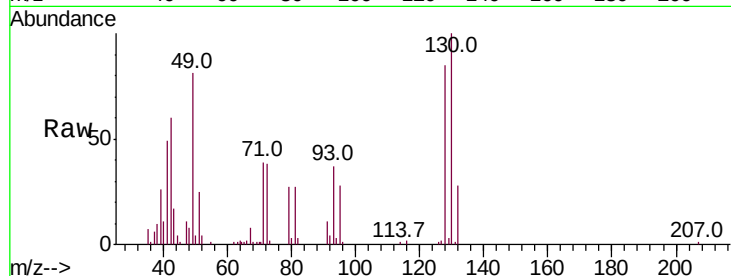
Ion Ratio Lower Upper

41 100

39 58.6 51.3 76.9

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

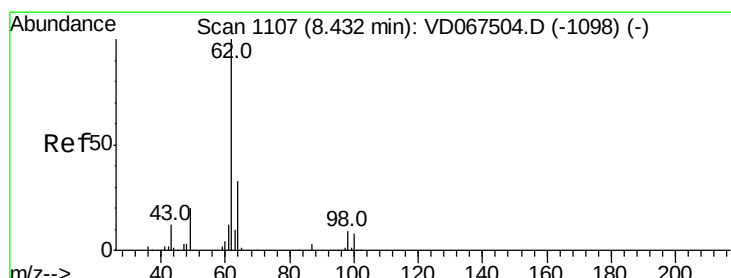
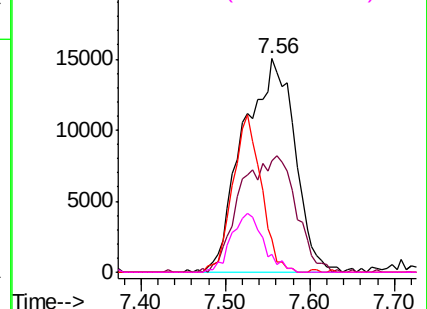
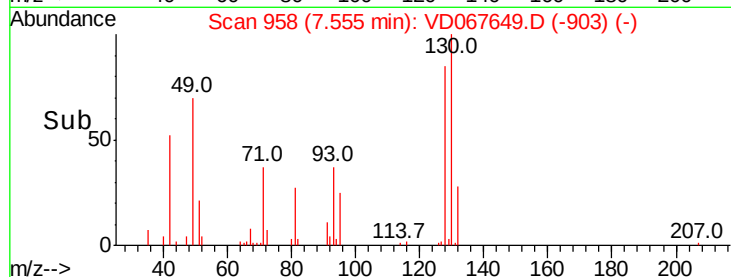


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 52.663 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067649.D

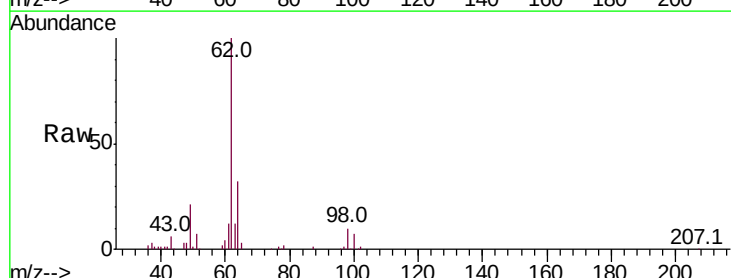
Acq: 16 Nov 2020 19:02

Tgt Ion: 62 Resp: 151276

Ion Ratio Lower Upper

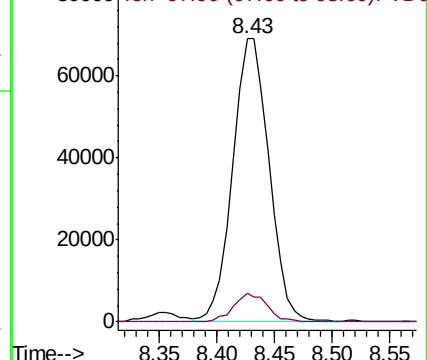
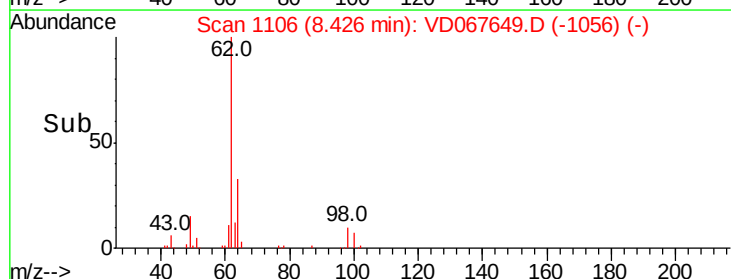
62 100

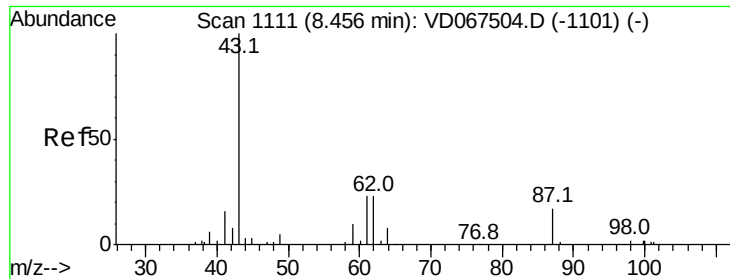
98 9.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.501 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

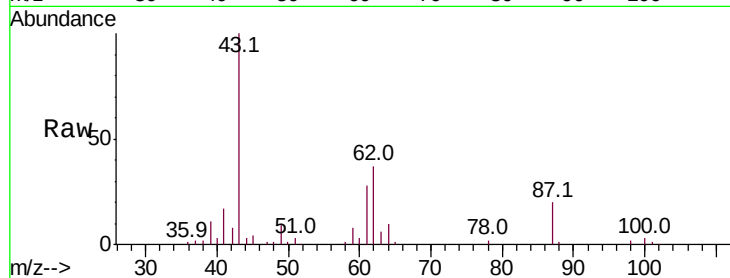
Tot Ion: 43 Resp: 87235

Ion Ratio Lower Upper

43 100

61 38.5 30.5 45.7

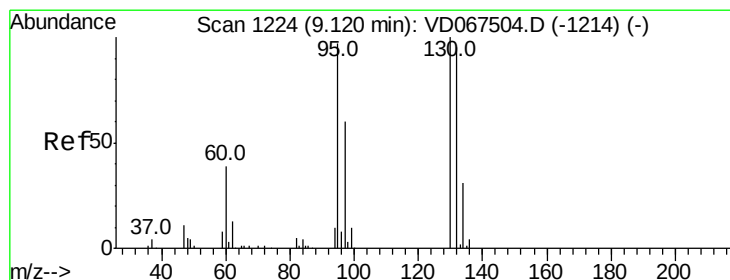
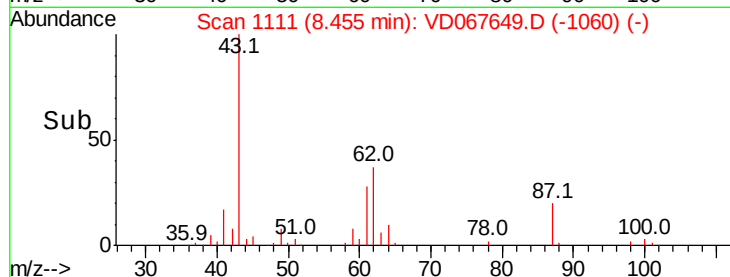
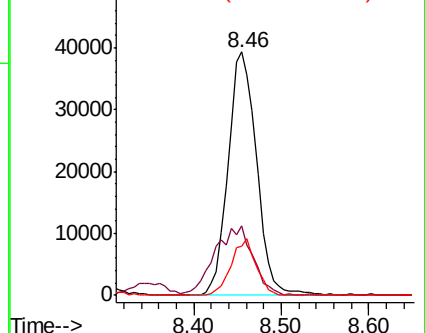
87 20.1 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.283 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067649.D

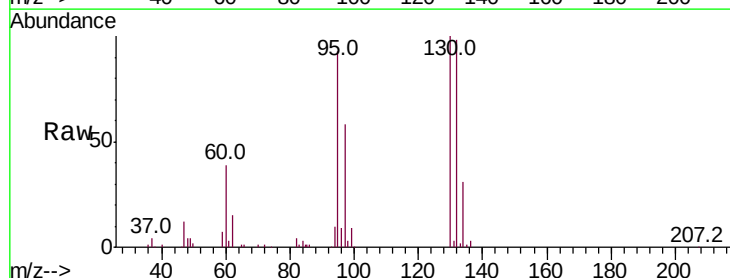
Acq: 16 Nov 2020 19:02

Tgt Ion:130 Resp: 147600

Ion Ratio Lower Upper

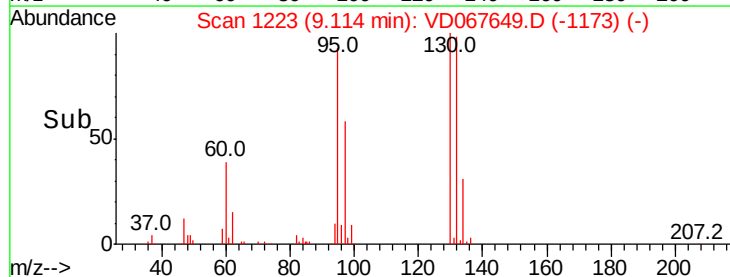
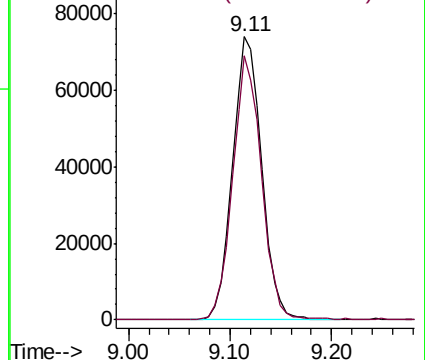
130 100

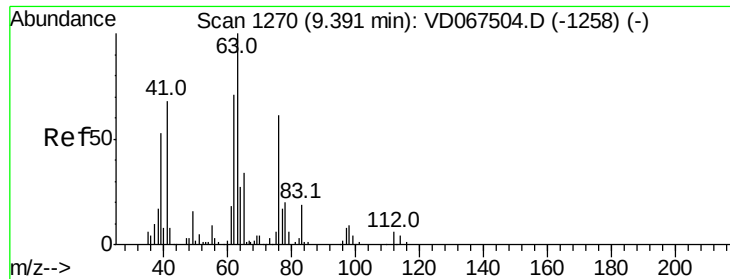
95 93.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

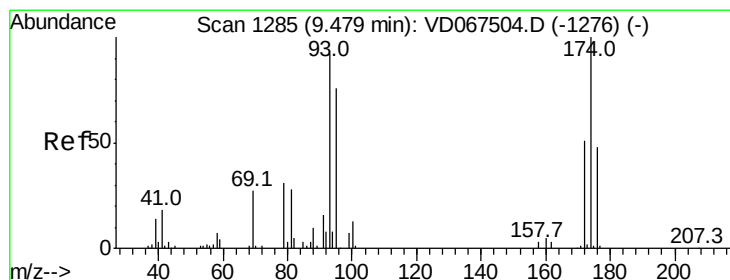
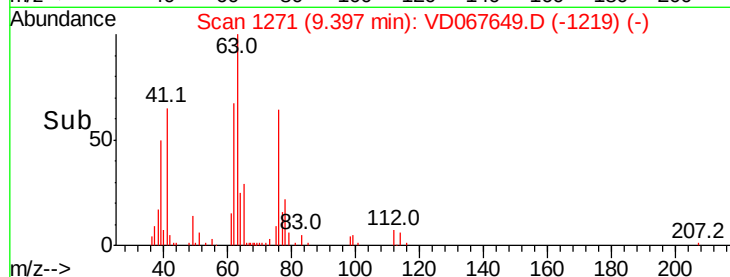
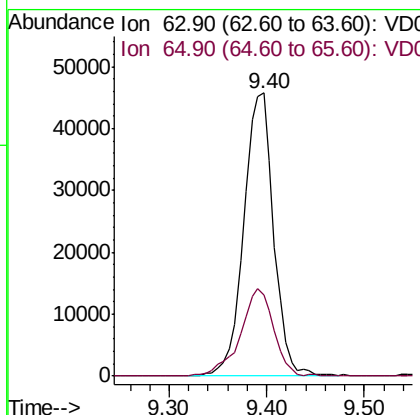
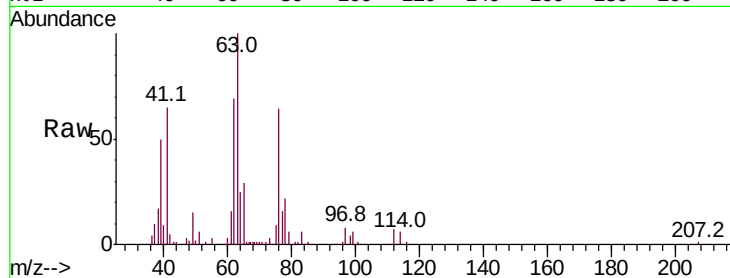




#45
 1,2-Dichloropropane
 Concen: 48.859 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

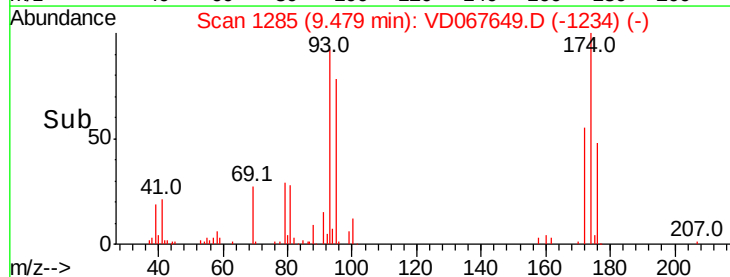
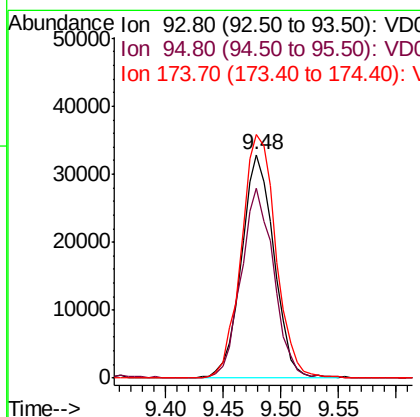
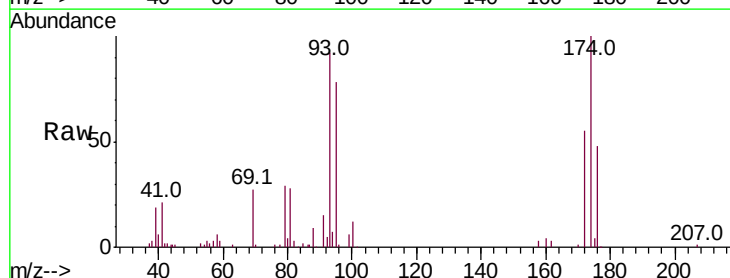
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

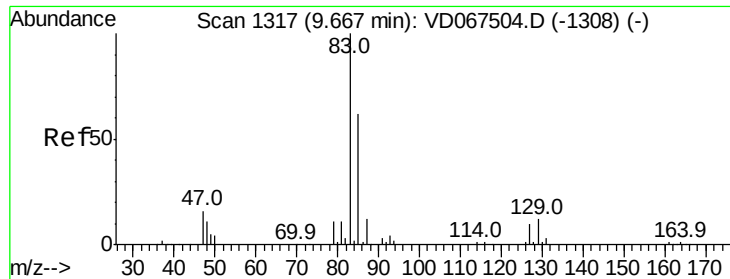
Tot Ion: 63 Resp: 98213
 Ion Ratio Lower Upper
 63 100
 65 28.7 26.9 40.3



#46
 Dibromomethane
 Concen: 50.450 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 93 Resp: 64480
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 115.6 88.2 132.4





#47

Bromodichloromethane

Concen: 51.513 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

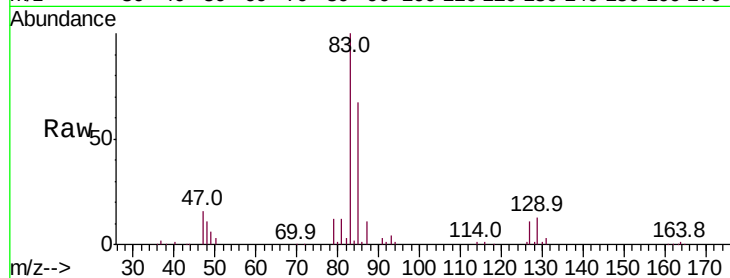
Tot Ion: 83 Resp: 178950

Ion Ratio Lower Upper

83 100

85 67.5 49.4 74.2

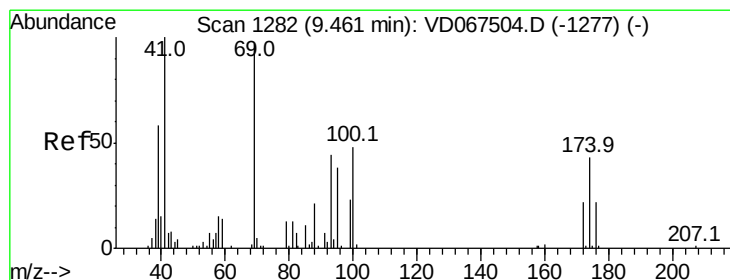
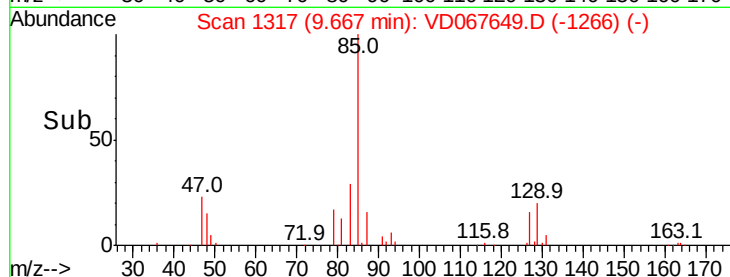
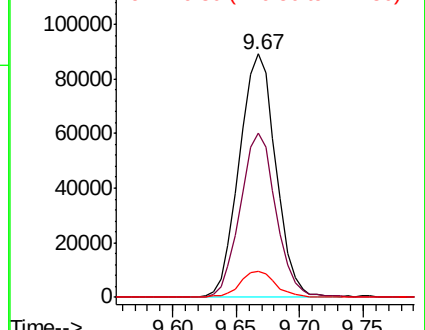
127 10.6 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.481 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

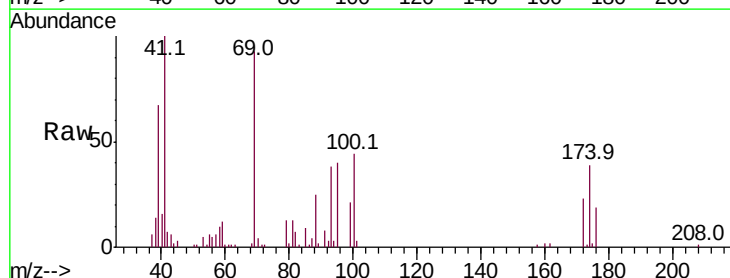
Tgt Ion: 41 Resp: 45023

Ion Ratio Lower Upper

41 100

69 113.7 80.6 121.0

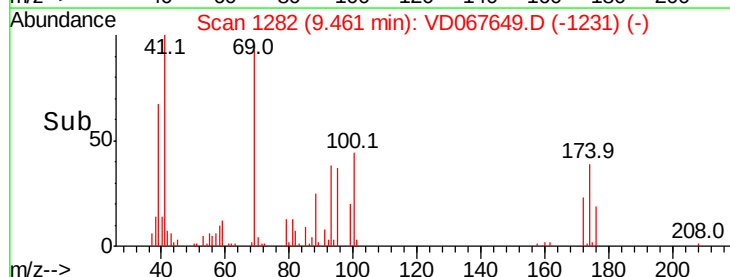
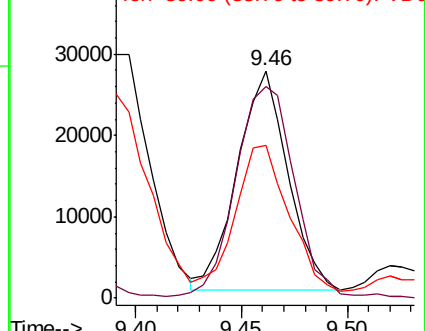
39 69.7 50.2 75.4

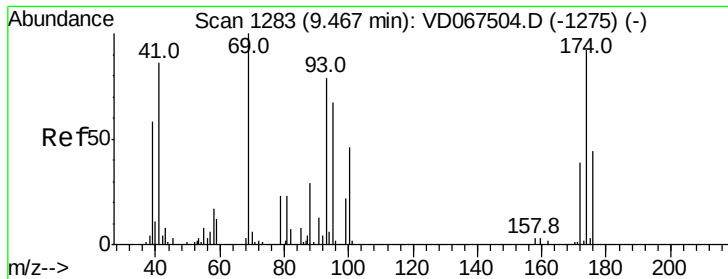


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

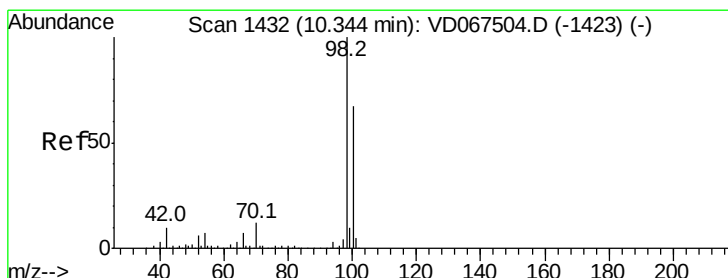
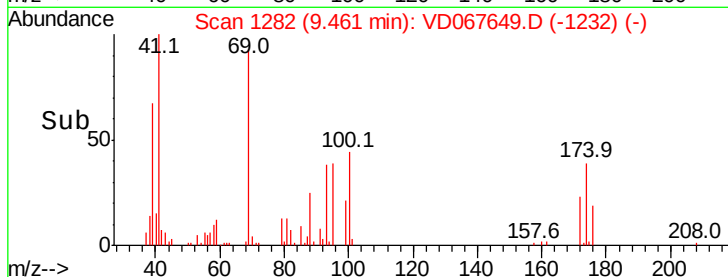
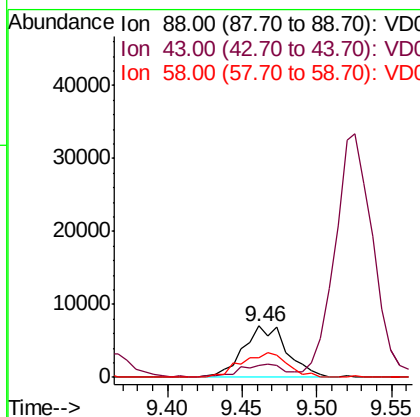
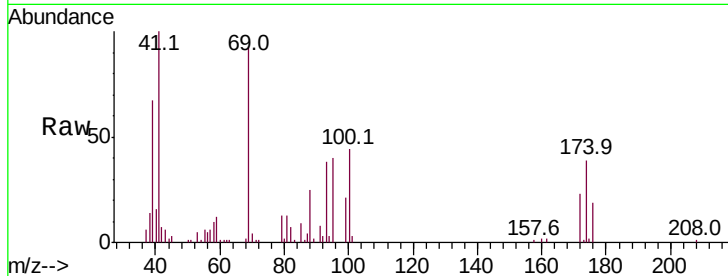




#49
 1,4-Dioxane
 Concen: 1107.762 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

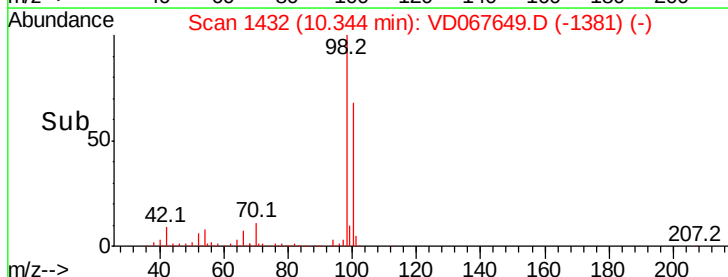
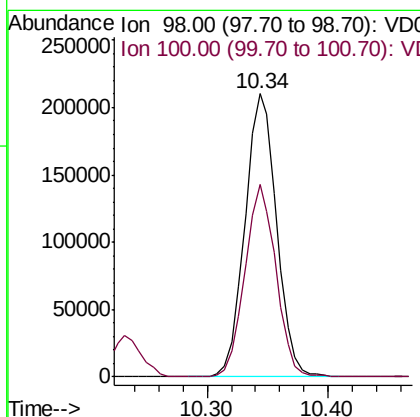
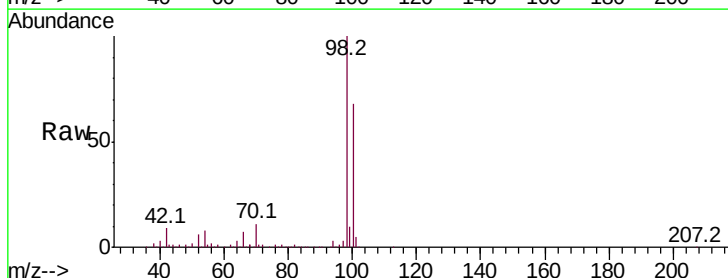
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

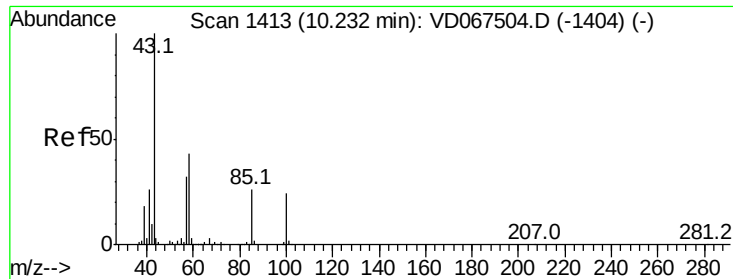
Tot Ion: 88 Resp: 14373
 Ion Ratio Lower Upper
 88 100
 43 26.2 23.6 35.4
 58 50.1 44.7 67.1



#50
 Toluene-d8
 Concen: 45.295 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 98 Resp: 384547
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 260.458 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

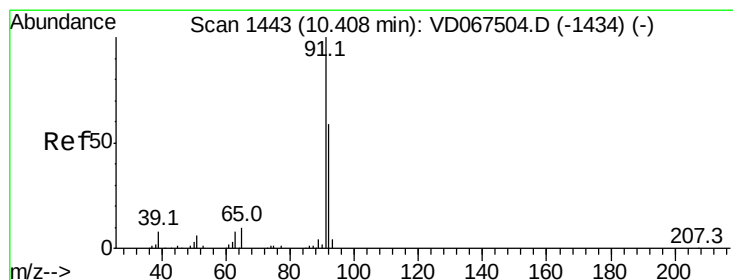
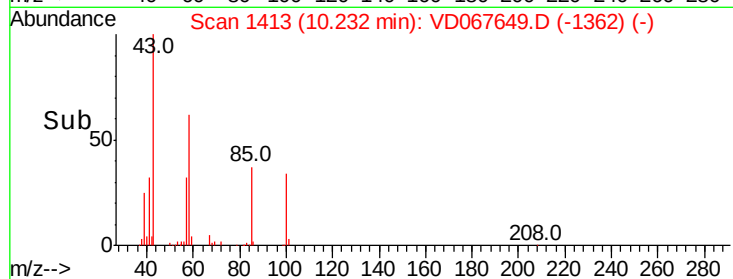
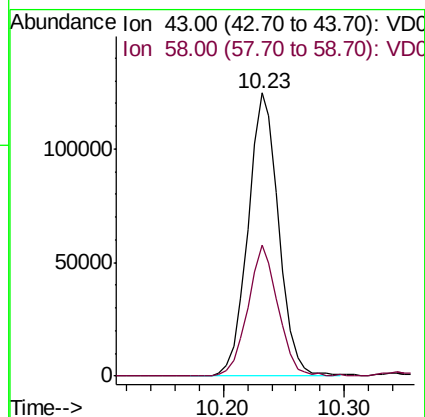
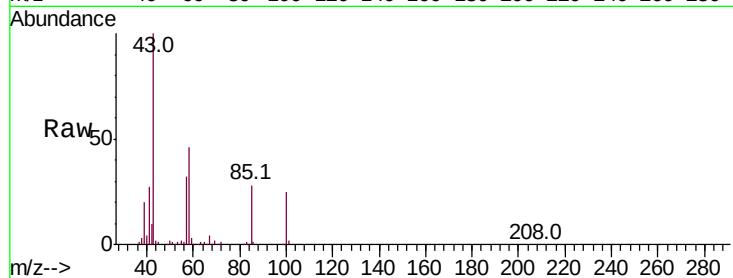
VSTDCCC050EC

Tot Ion: 43 Resp: 219519

Ion Ratio Lower Upper

43 100

58 45.7 35.6 53.4



#52

Toluene

Concen: 51.245 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067649.D

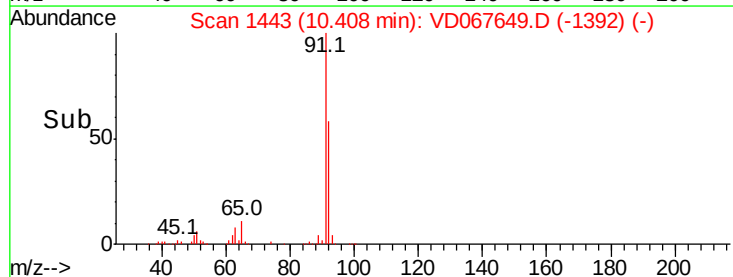
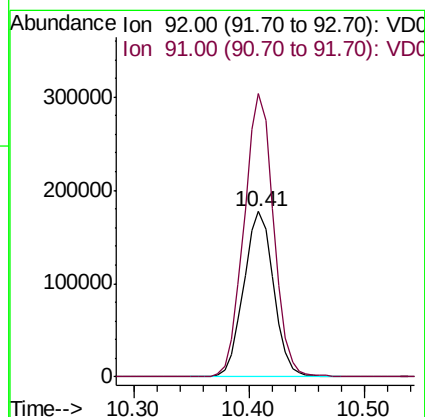
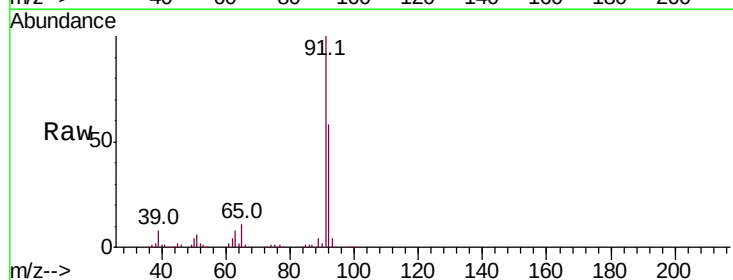
Acq: 16 Nov 2020 19:02

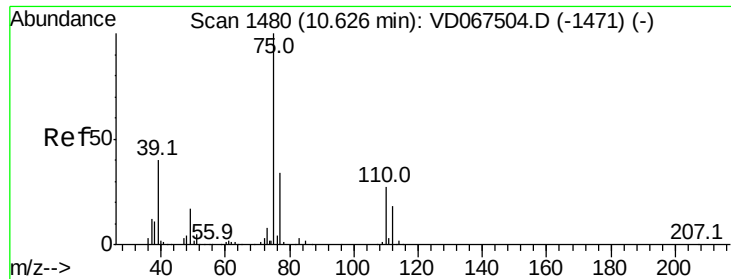
Tgt Ion: 92 Resp: 319113

Ion Ratio Lower Upper

92 100

91 169.4 137.0 205.6

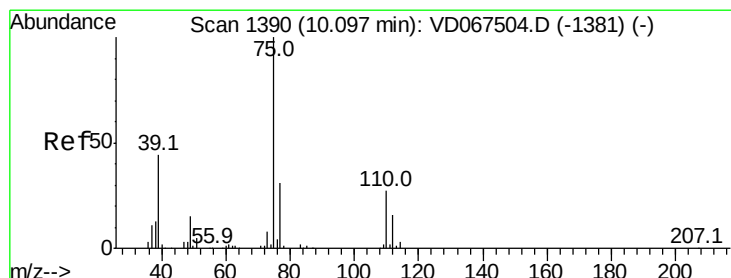
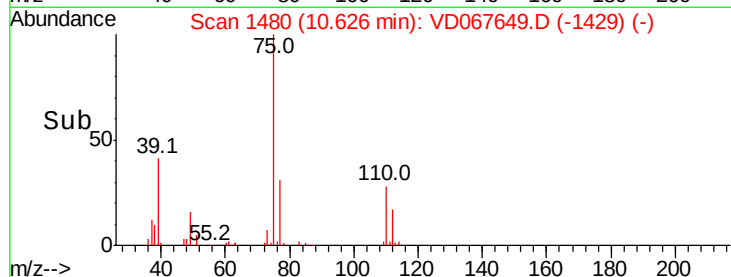
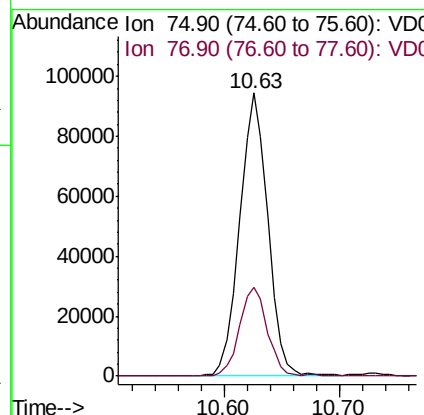
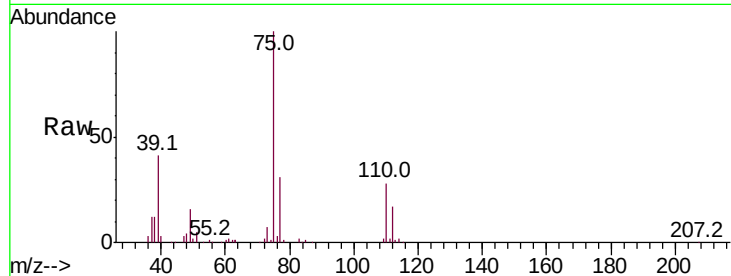




#53
 t-1,3-Dichloropropene
 Concen: 53.536 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

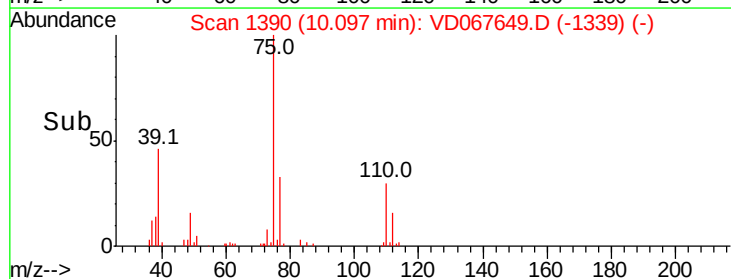
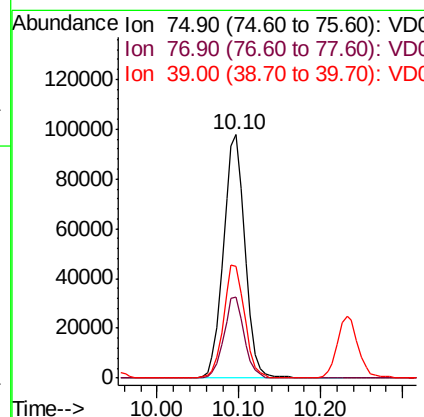
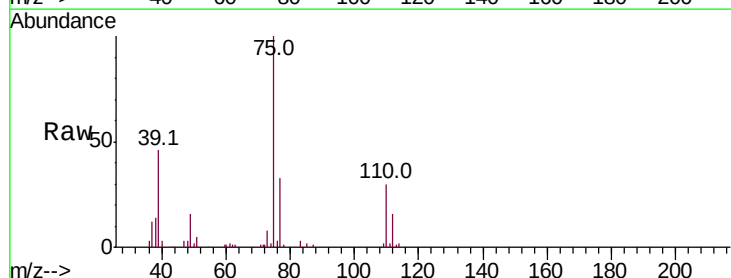
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

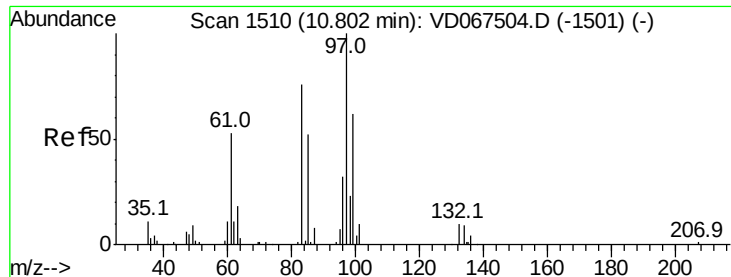
Tot Ion: 75 Resp: 159282
 Ion Ratio Lower Upper
 75 100
 77 31.5 27.0 40.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.510 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 75 Resp: 178546
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.4 36.6
 39 45.7 35.6 53.4

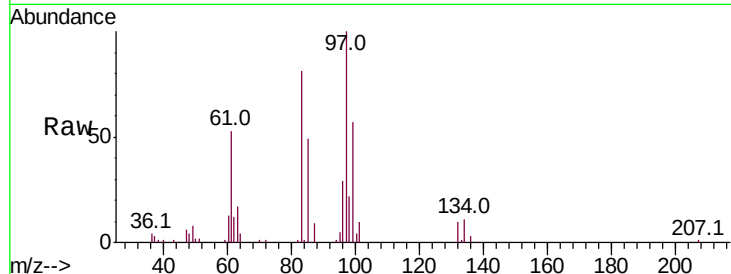




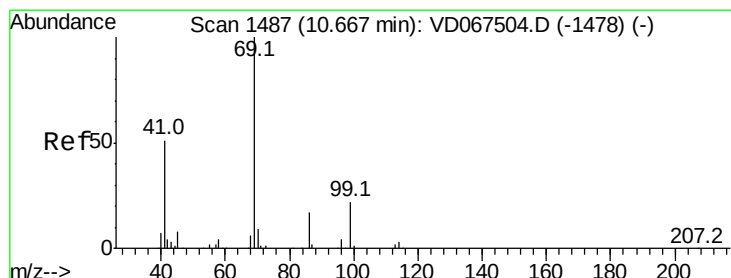
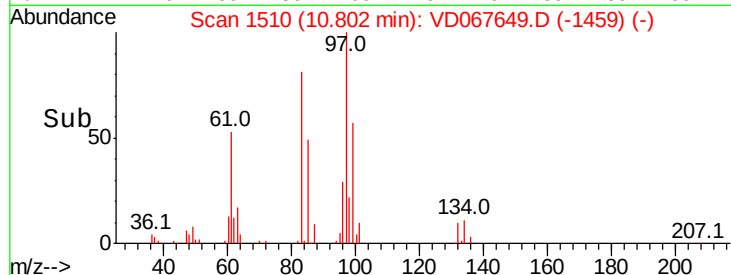
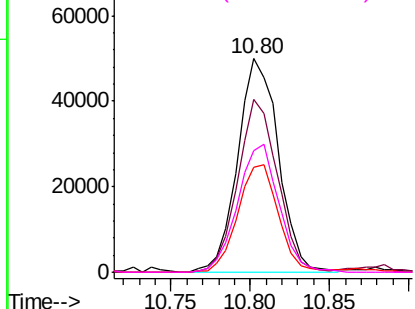
#55
 1,1,2-Trichloroethane
 Concen: 52.937 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	89520
Ion	Ratio	Lower	Upper
97	100		
83	81.1	61.0	91.6
85	49.2	41.5	62.3
99	57.0	49.4	74.2

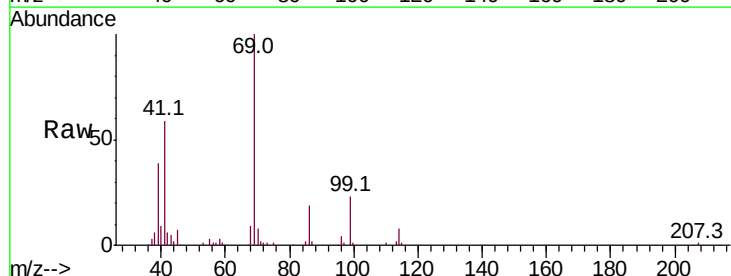


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

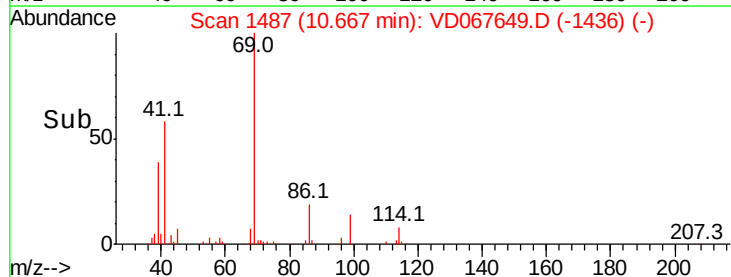
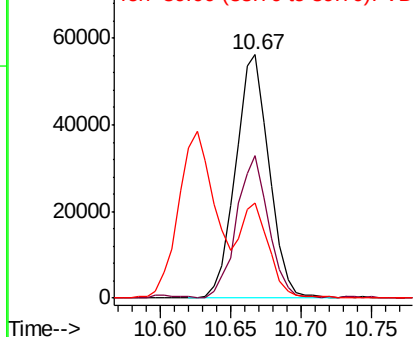


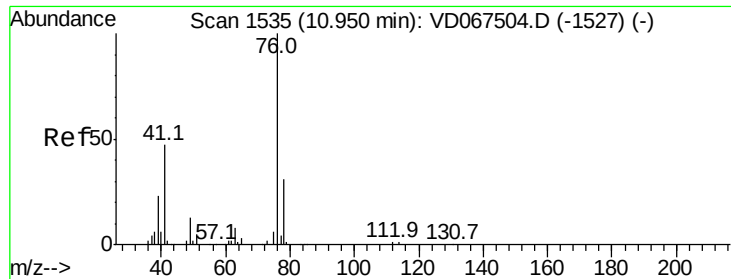
#56
 Ethyl methacrylate
 Concen: 53.287 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion:	69	Resp:	93055
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.4	68.0
39	32.6	27.4	41.0



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





#57

1,3-Dichloropropane

Concen: 50.955 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

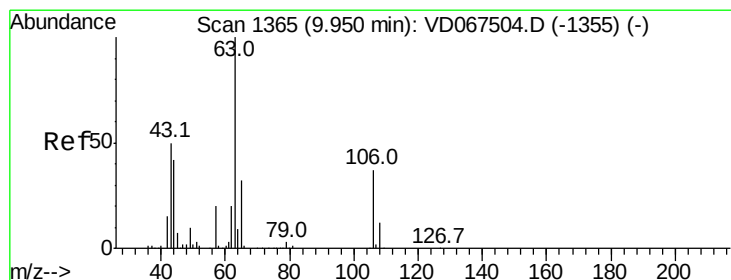
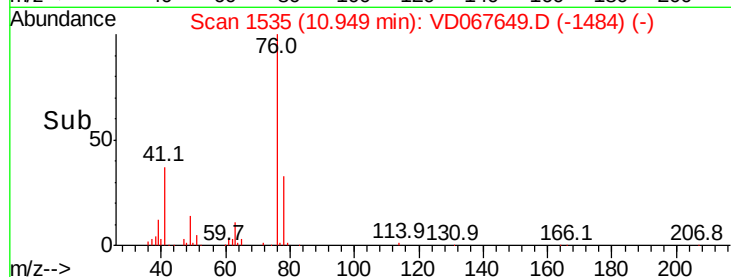
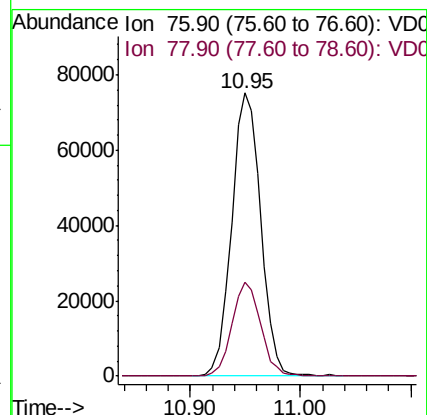
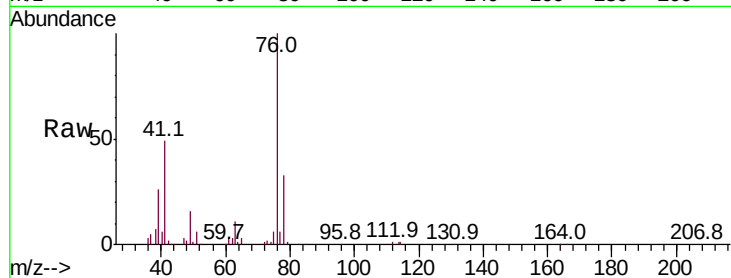
VSTDCCC050EC

Tot Ion: 76 Resp: 138660

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 269.455 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD067649.D

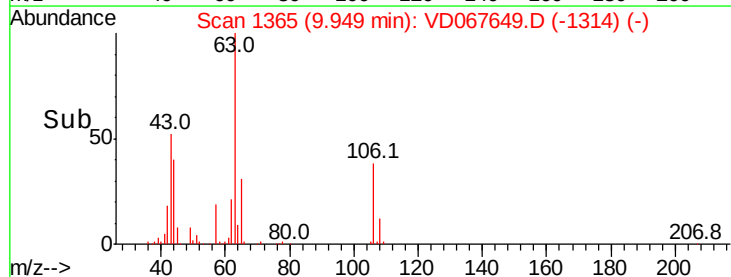
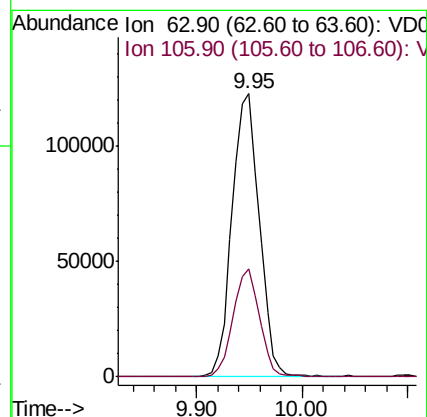
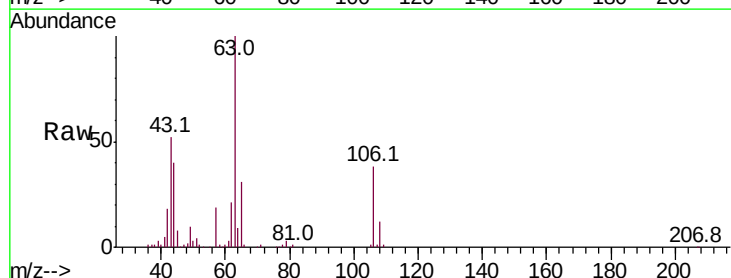
Acq: 16 Nov 2020 19:02

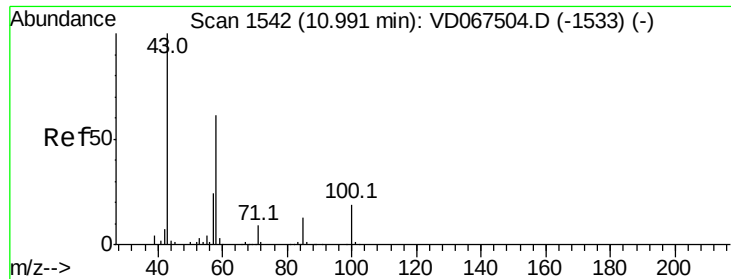
Tgt Ion: 63 Resp: 219433

Ion Ratio Lower Upper

63 100

106 36.9 29.2 43.8

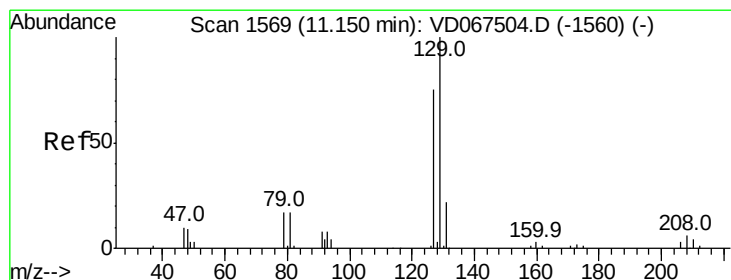
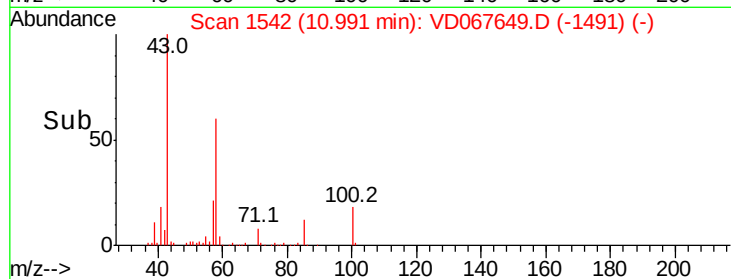
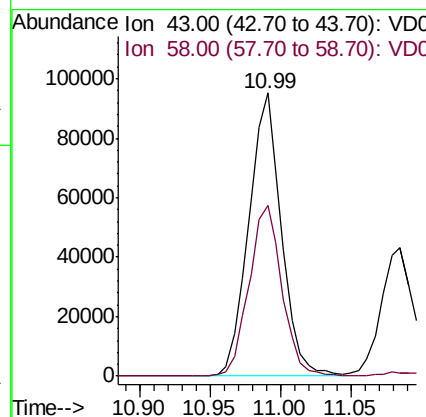
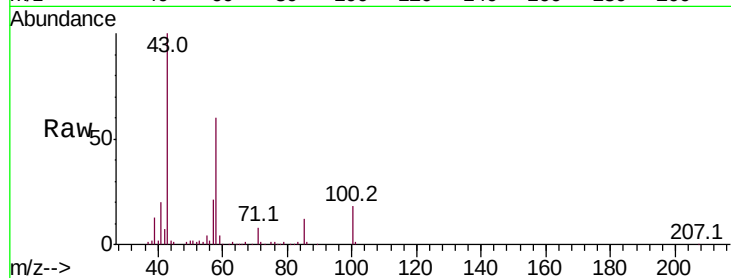




#59
2-Hexanone
Concen: 261.076 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

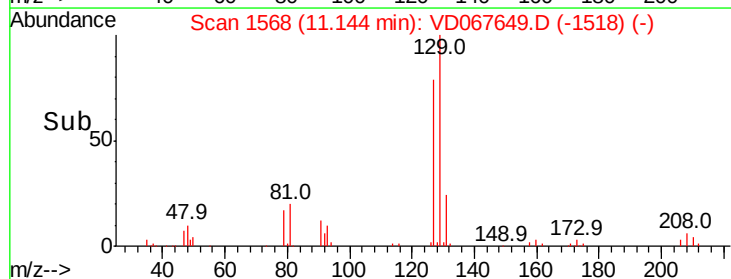
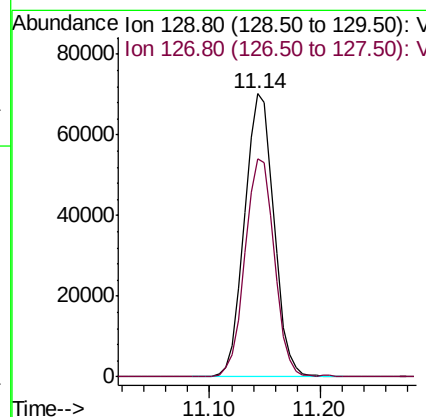
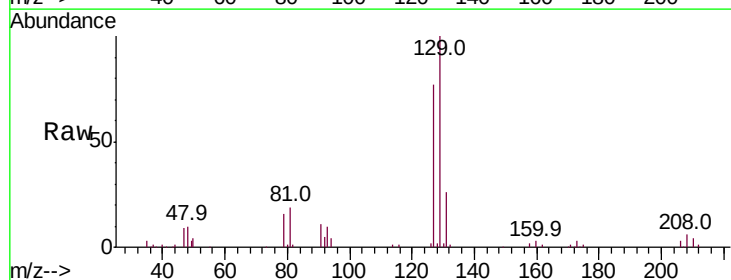
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

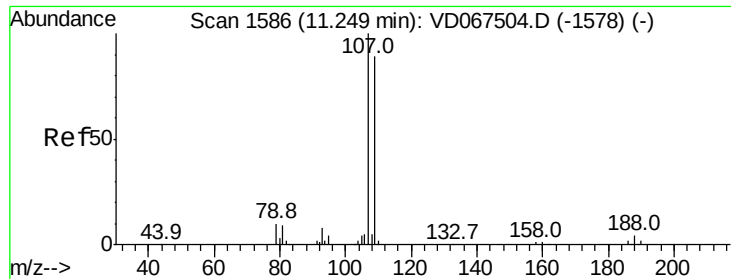
Tot Ion: 43 Resp: 153852
Ion Ratio Lower Upper
43 100
58 61.3 30.3 90.9



#60
Dibromochloromethane
Concen: 52.752 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 129 Resp: 131962
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

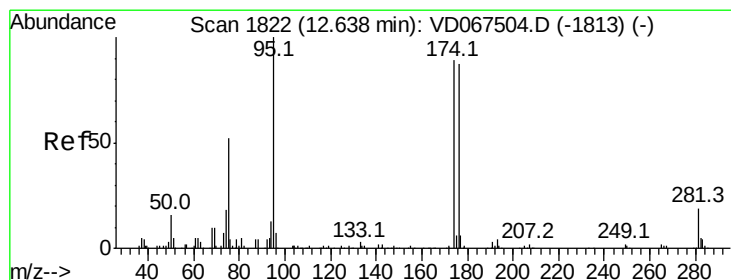
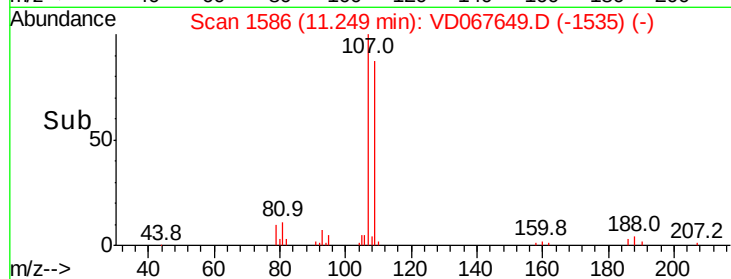
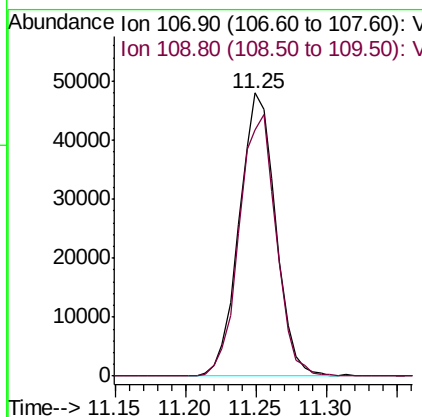
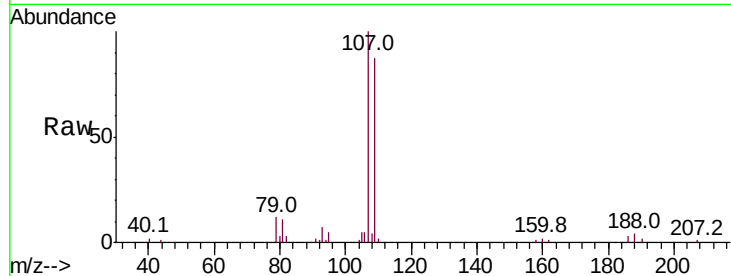




#61
 1,2-Dibromoethane
 Concen: 51.042 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

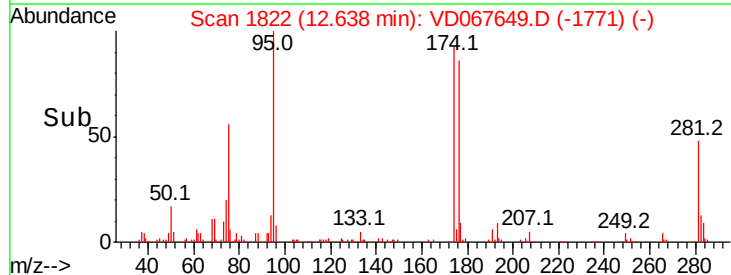
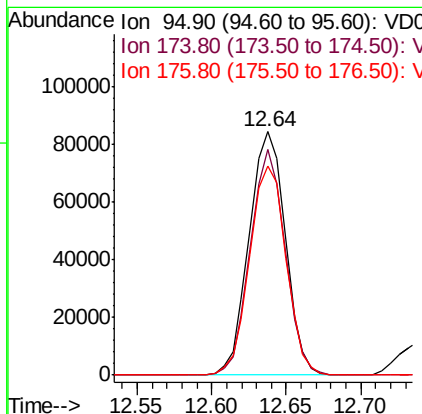
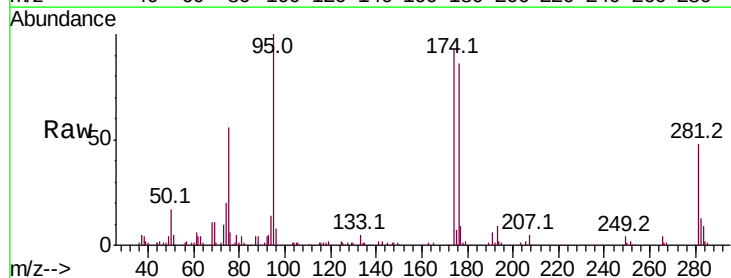
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

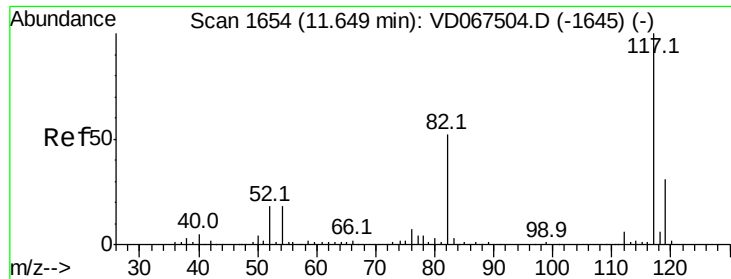
Tot Ion:107 Resp: 86630
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.455 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 95 Resp: 142026
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 177.8
 176 86.2 0.0 172.0

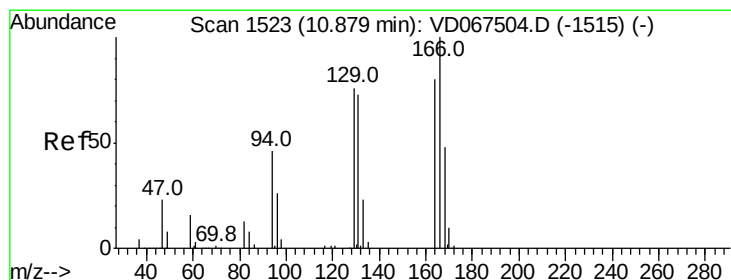
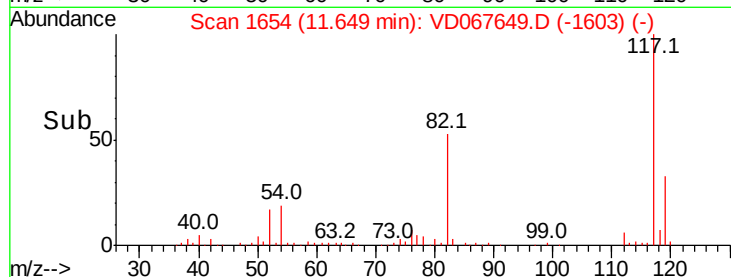
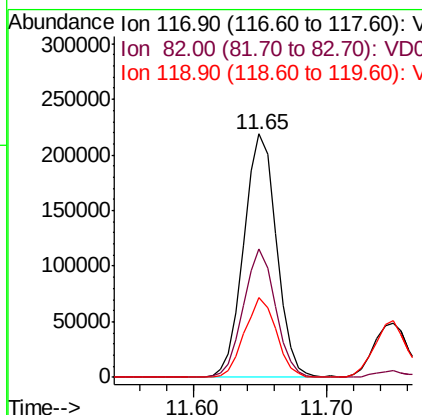
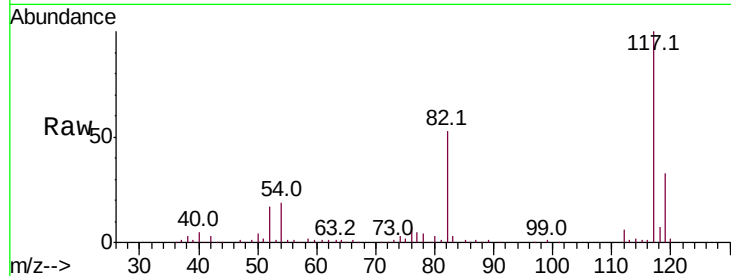




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

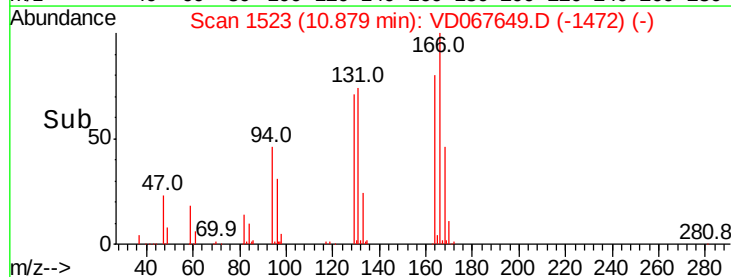
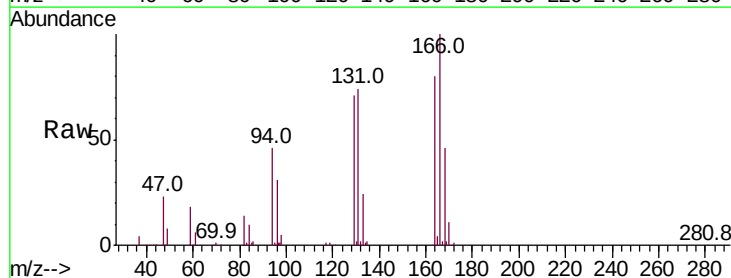
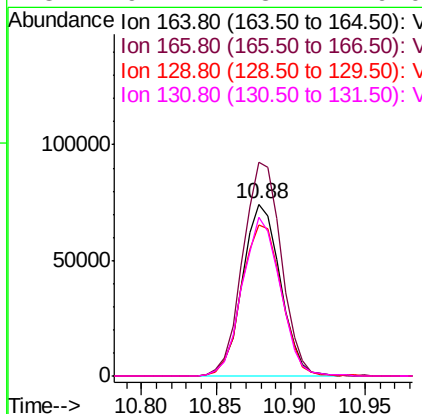
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

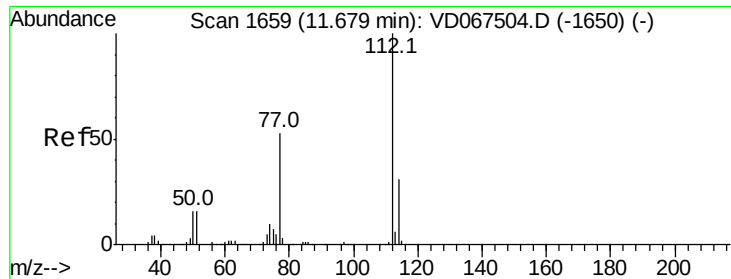
Tot Ion:117 Resp: 370502
Ion Ratio Lower Upper
117 100
82 52.7 41.6 62.4
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 47.455 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:164 Resp: 130212
Ion Ratio Lower Upper
164 100
166 124.3 99.9 149.9
129 87.9 75.5 113.3
131 92.1 73.4 110.0

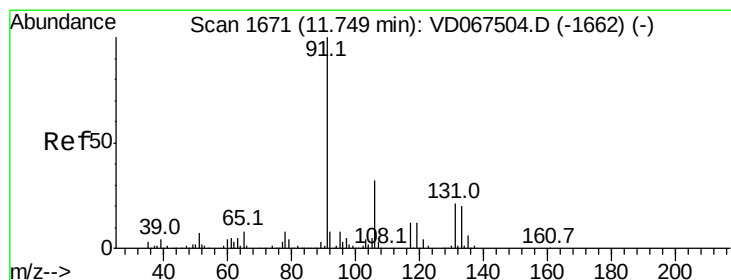
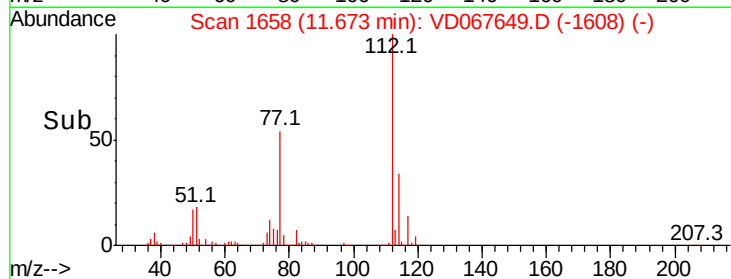
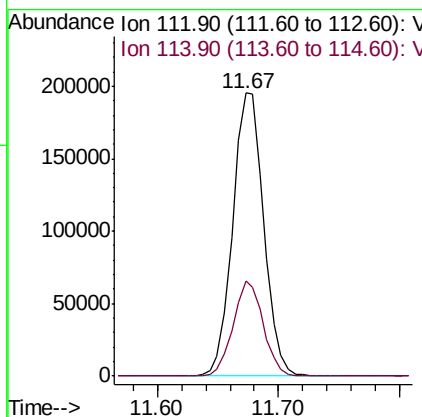
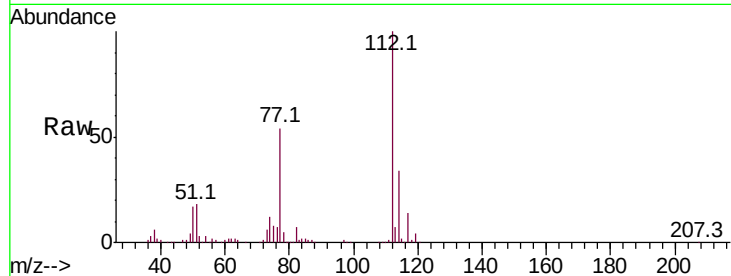




#65
Chlorobenzene
Concen: 48.909 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

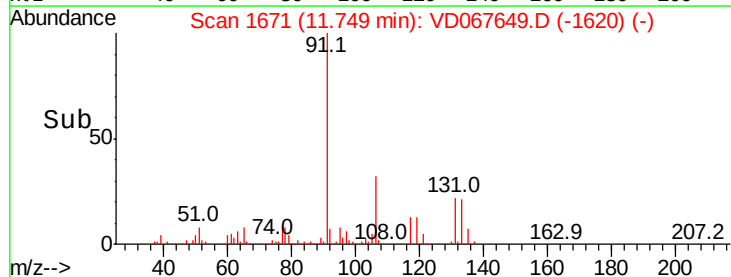
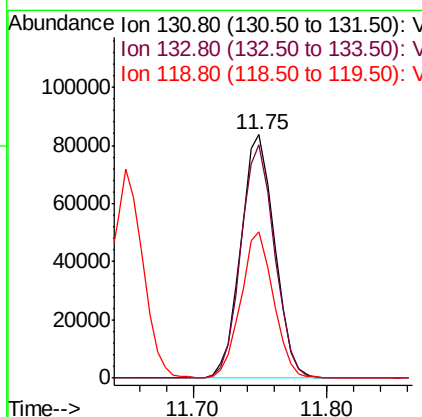
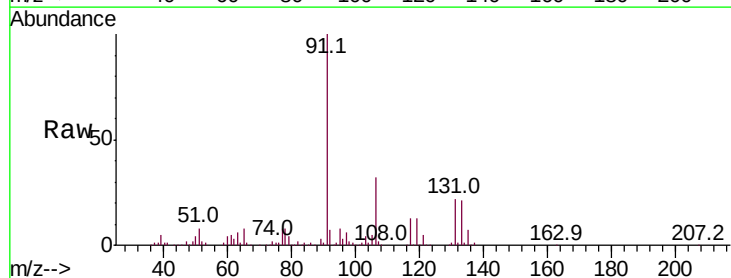
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

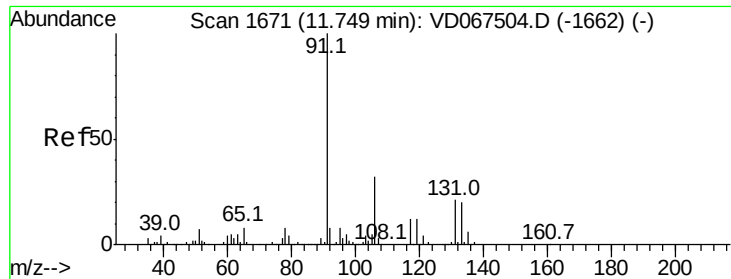
Tot Ion:112 Resp: 349056
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.986 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:131 Resp: 146231
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 58.1 30.1 90.5





#67

Ethyl Benzene

Concen: 49.582 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

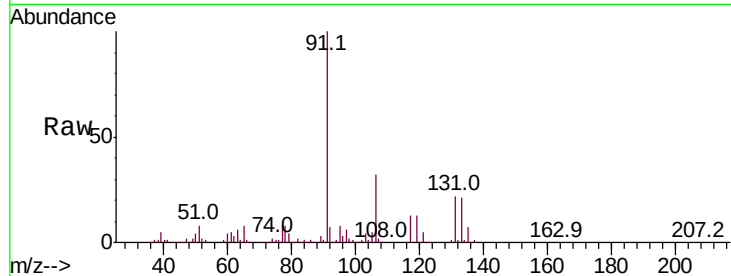
VSTDCCC050EC

Tot Ion: 91 Resp: 605526

Ion Ratio Lower Upper

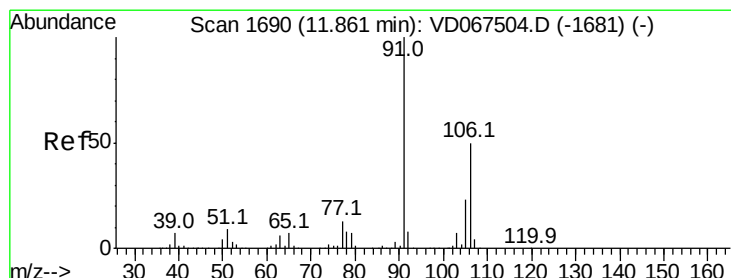
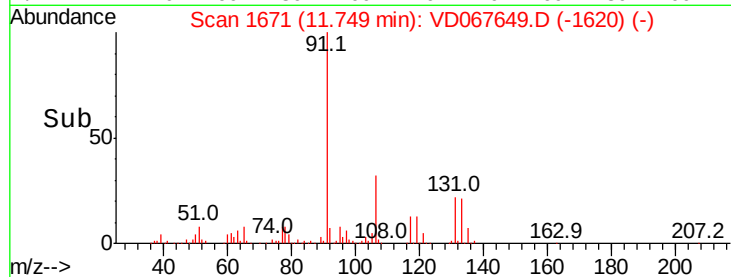
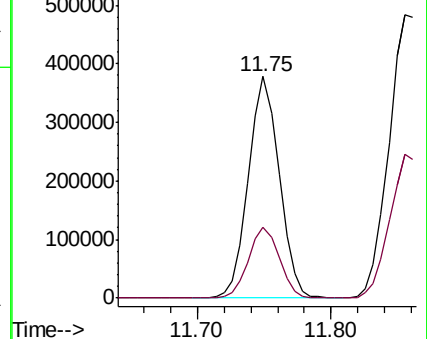
91 100

106 32.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 98.759 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067649.D

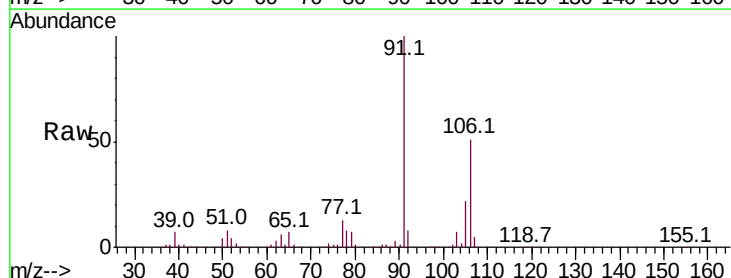
Acq: 16 Nov 2020 19:02

Tgt Ion: 106 Resp: 469226

Ion Ratio Lower Upper

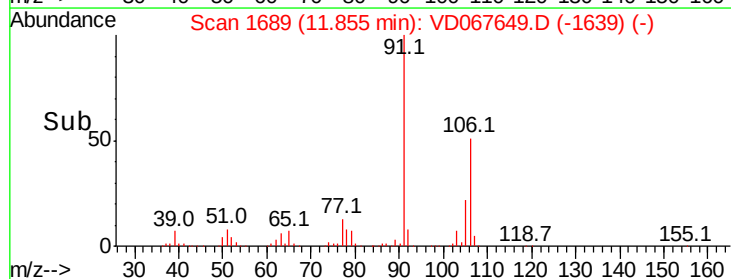
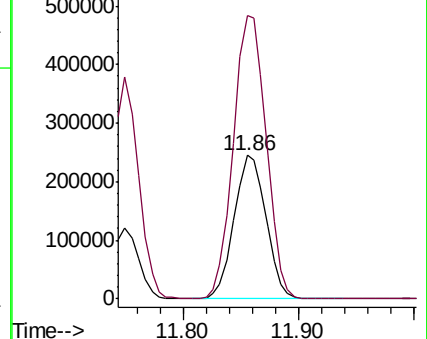
106 100

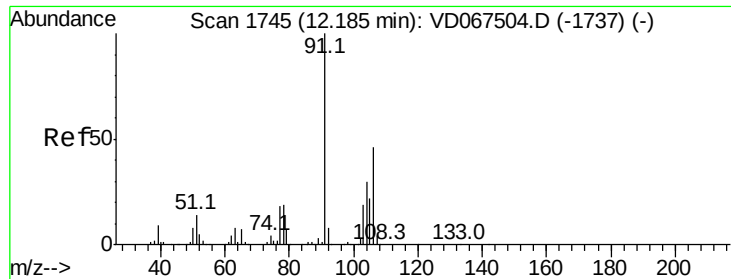
91 203.2 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

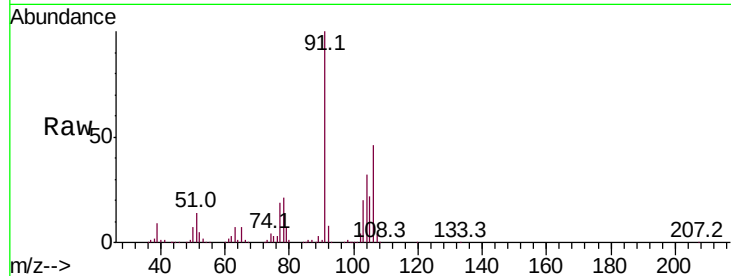




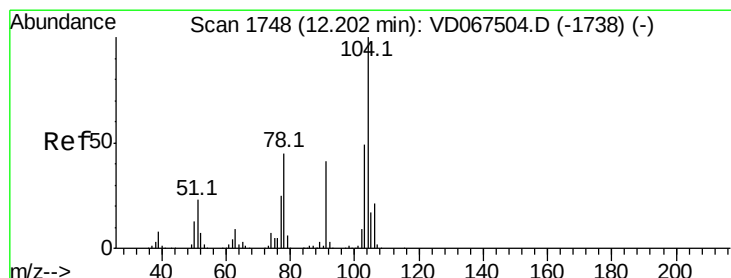
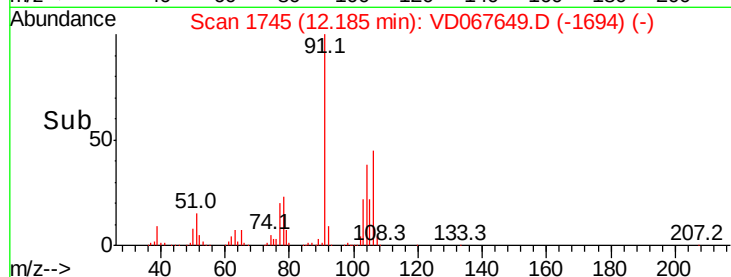
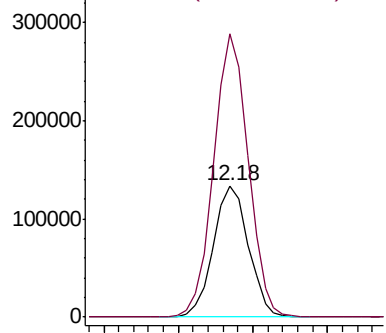
#69
o-Xylene
Concen: 51.265 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 217468
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.1

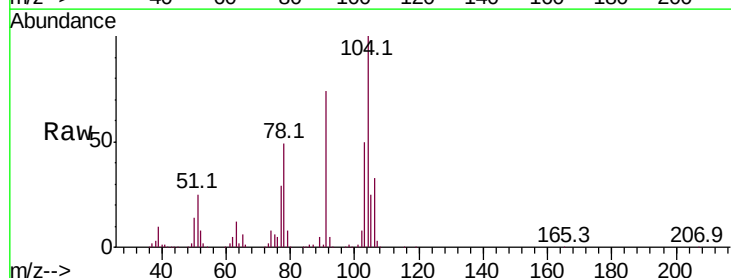


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

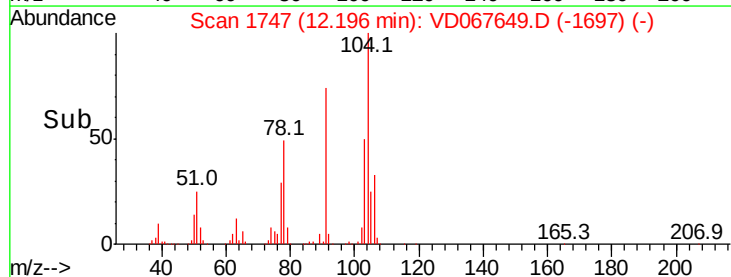
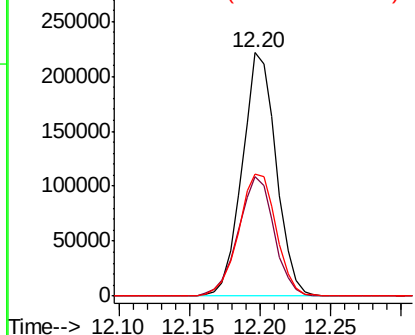


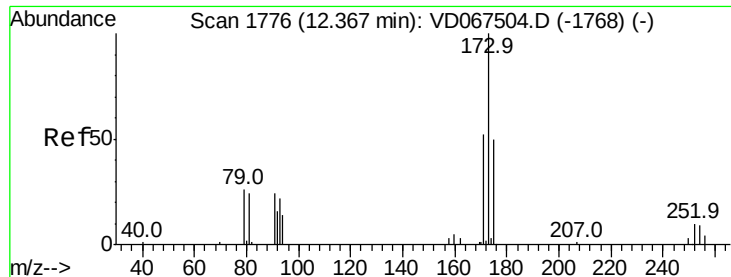
#70
Styrene
Concen: 50.366 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:104 Resp: 372295
Ion Ratio Lower Upper
104 100
78 51.9 39.8 59.8
103 55.7 43.9 65.9



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: 52.899 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

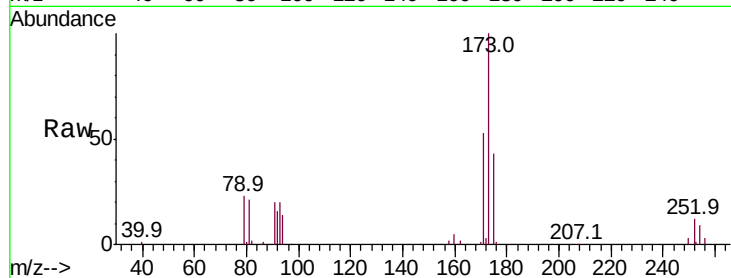
Tot Ion:173 Resp: 75889

Ion Ratio Lower Upper

173 100

175 47.0 24.1 72.2

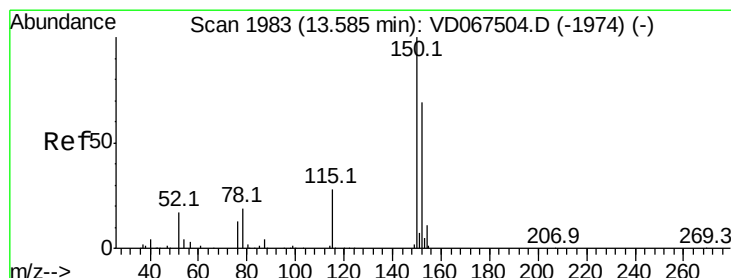
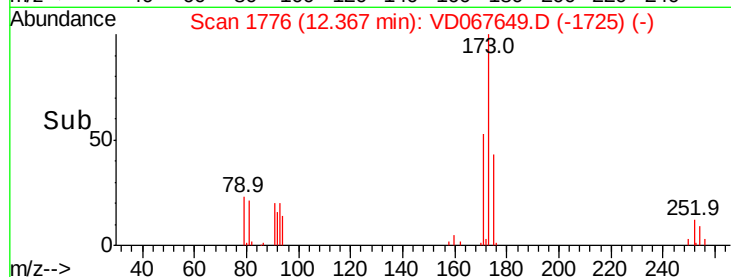
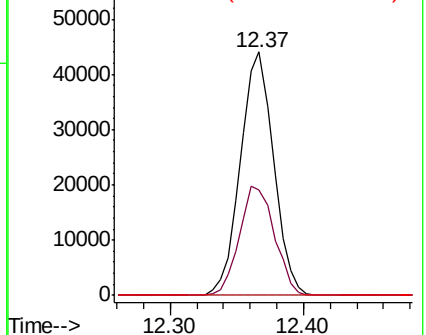
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

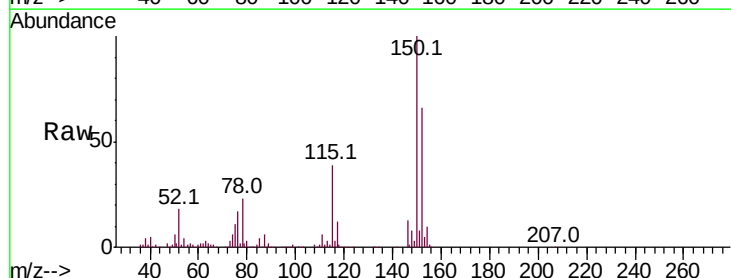
Tgt Ion:152 Resp: 189760

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

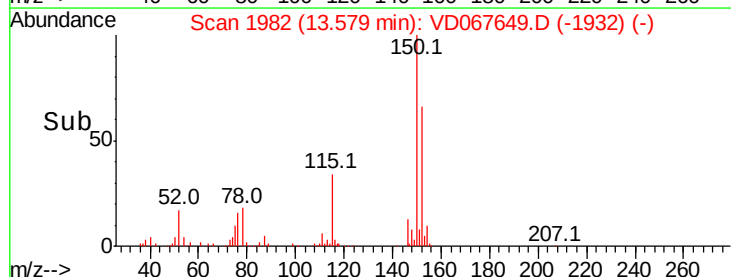
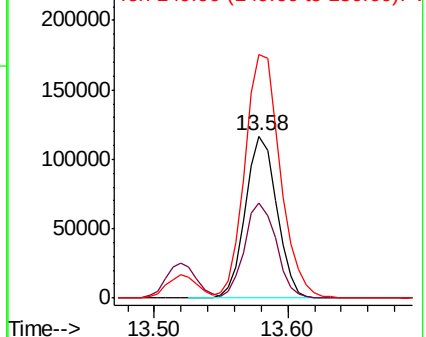
150 168.4 0.0 338.2

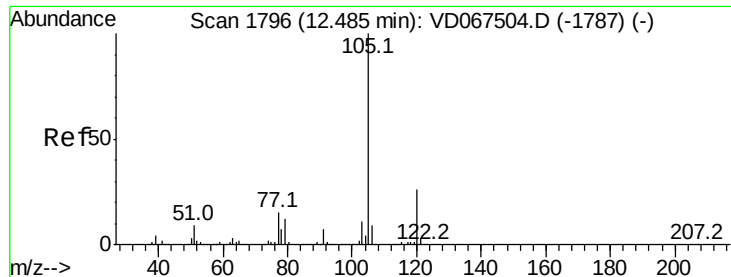


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

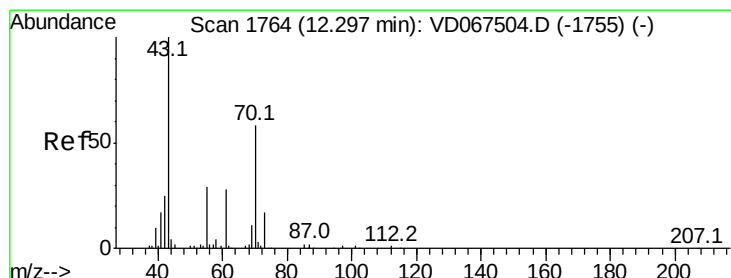
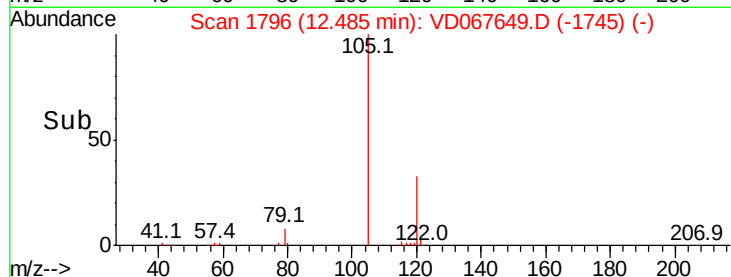
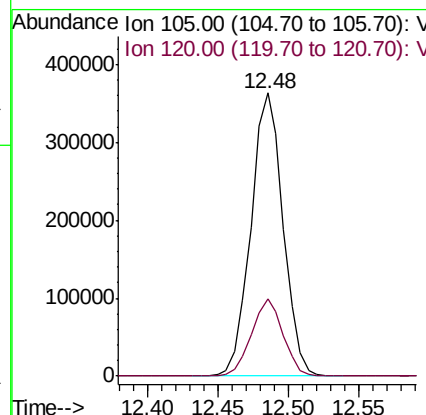
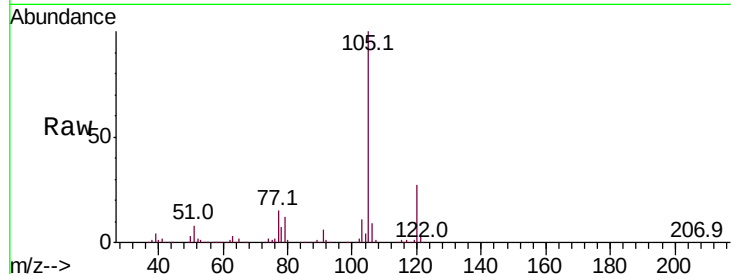




#73
Isopropylbenzene
Concen: 47.297 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

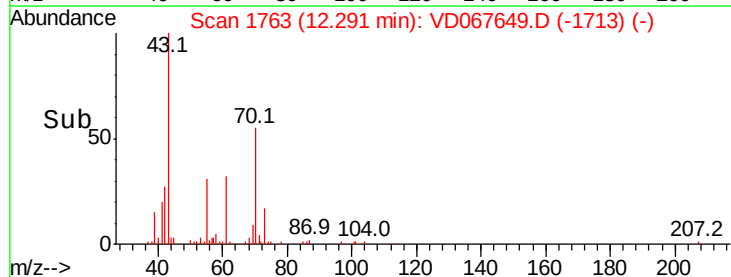
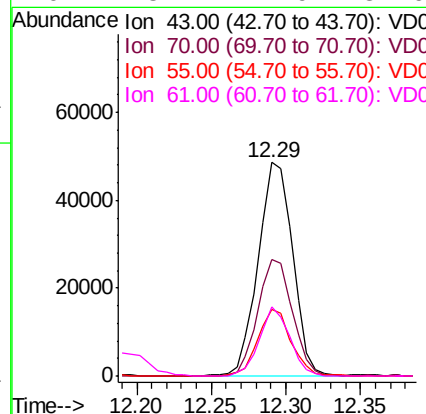
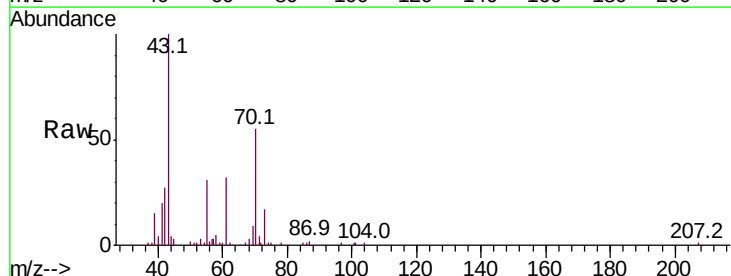
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

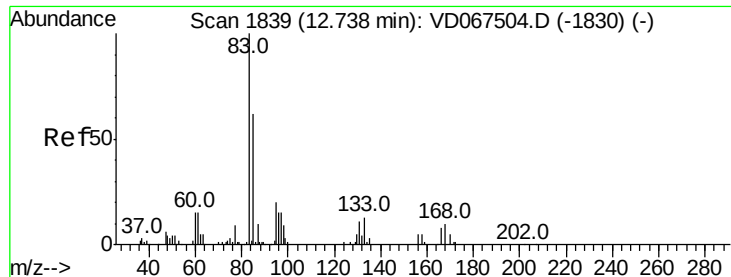
Tot Ion:105 Resp: 580045
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 48.222 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 43 Resp: 77817
Ion Ratio Lower Upper
43 100
70 54.6 42.6 64.0
55 30.1 23.7 35.5
61 28.2 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.476 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

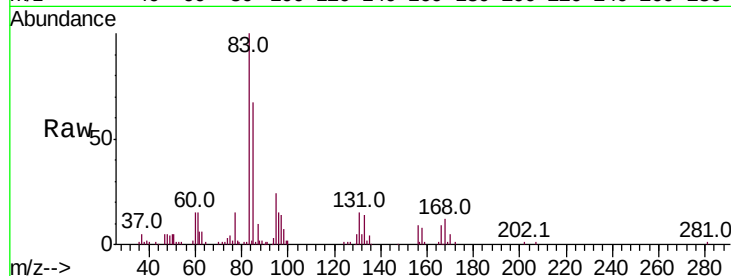
Tot Ion: 83 Resp: 82740

Ion Ratio Lower Upper

83 100

131 14.7 7.1 21.3

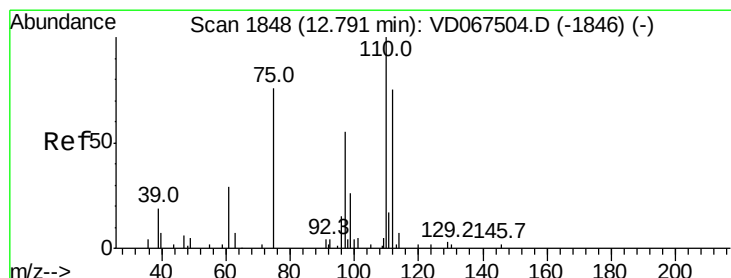
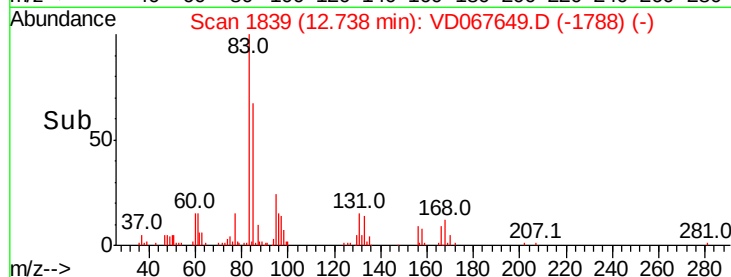
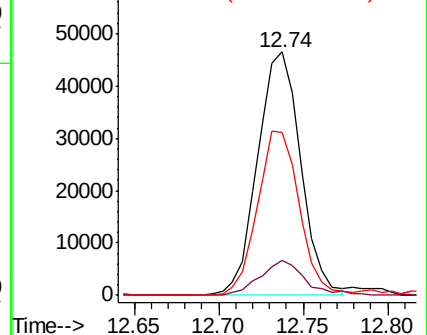
85 65.6 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 102.061 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067649.D

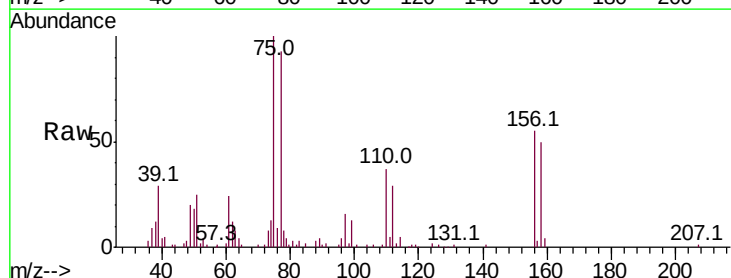
Acq: 16 Nov 2020 19:02

Tgt Ion: 75 Resp: 116833

Ion Ratio Lower Upper

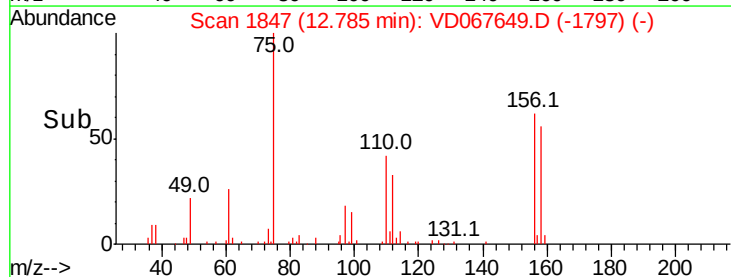
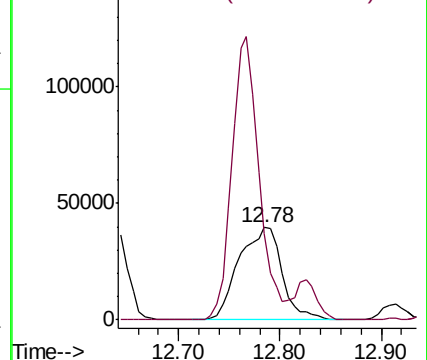
75 100

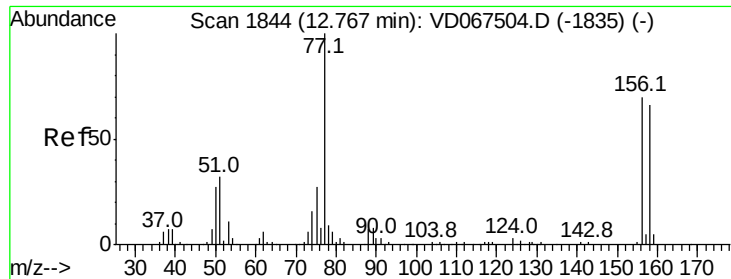
77 192.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.577 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

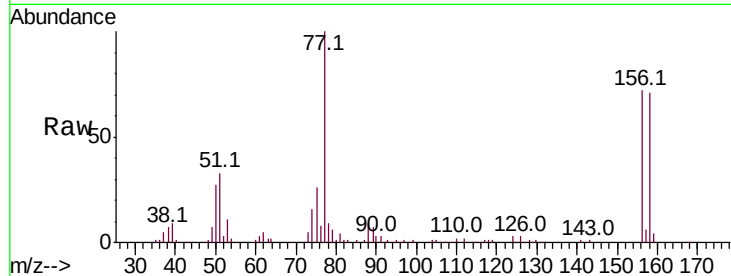
Tot Ion:156 Resp: 149319

Ion Ratio Lower Upper

156 100

77 150.4 77.8 233.5

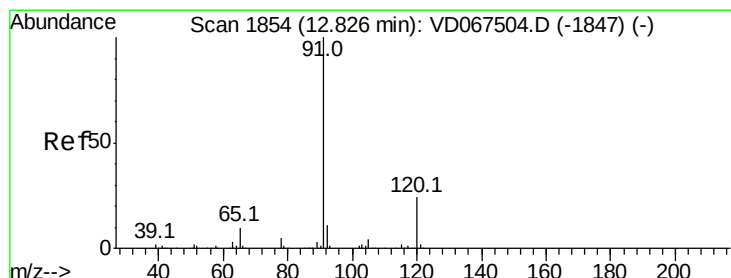
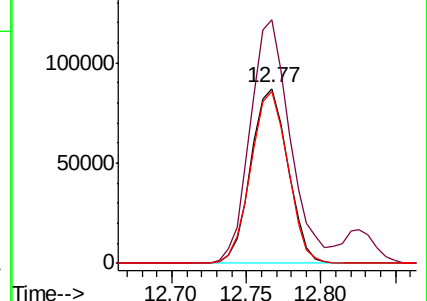
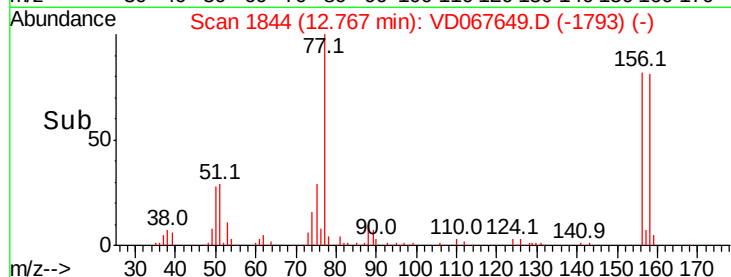
158 98.2 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.813 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067649.D

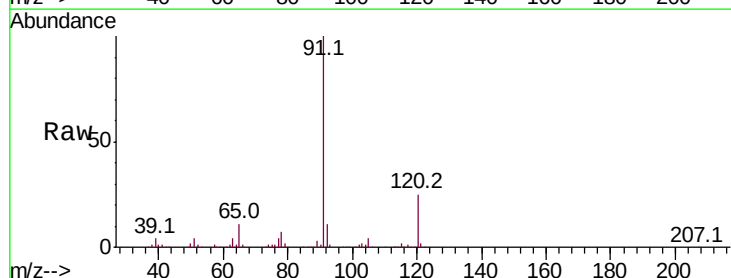
Acq: 16 Nov 2020 19:02

Tgt Ion: 91 Resp: 642651

Ion Ratio Lower Upper

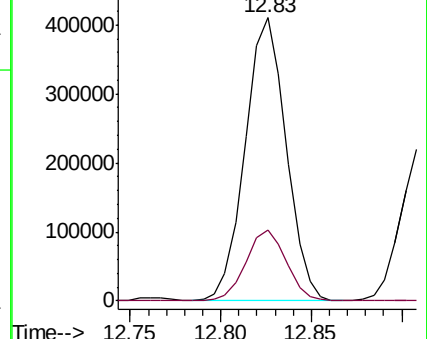
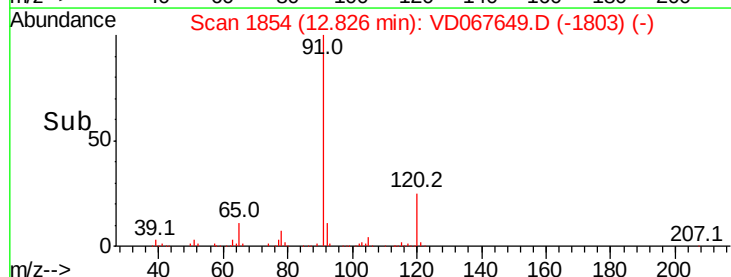
91 100

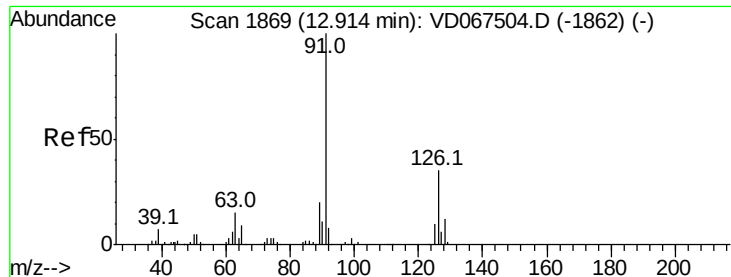
120 24.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

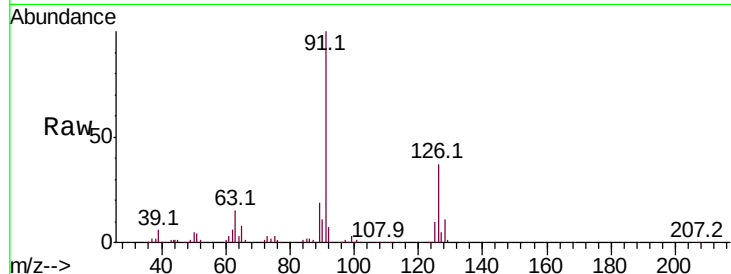




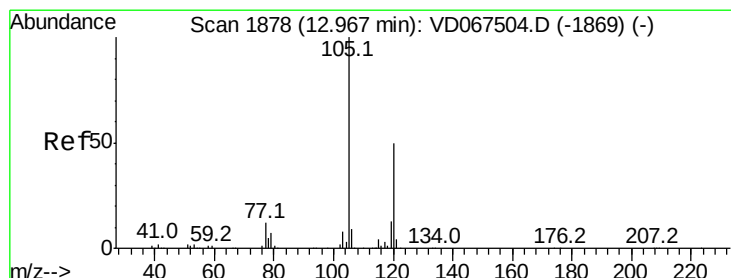
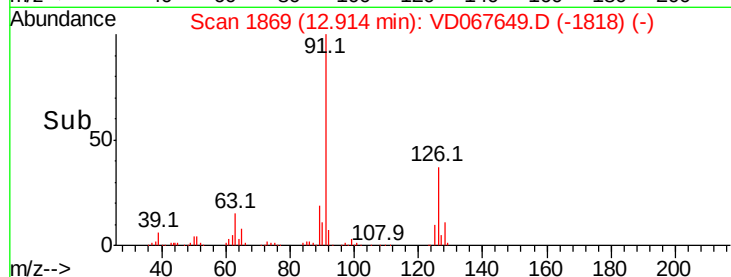
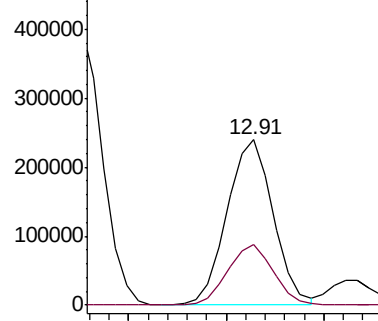
#79
 2-Chlorotoluene
 Concen: 49.130 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 391488
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.8 53.4

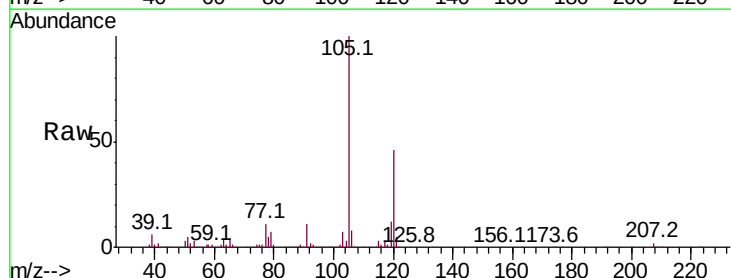


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

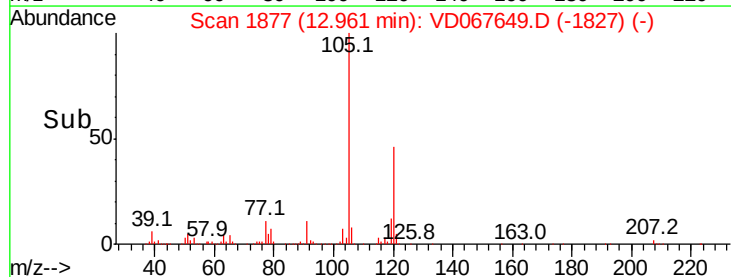
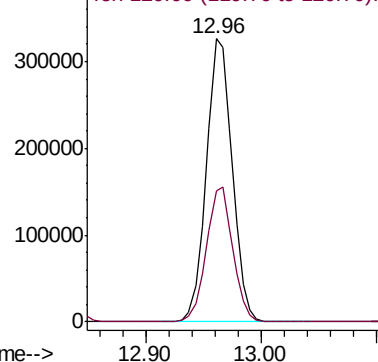


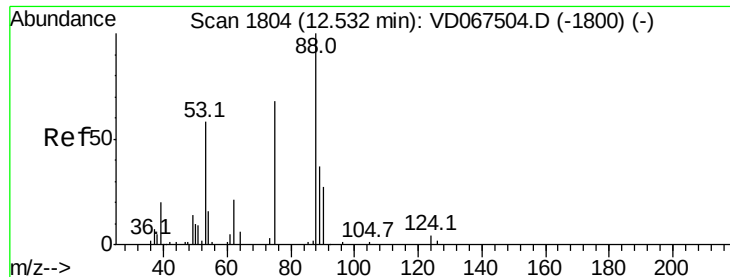
#80
 1,3,5-Trimethylbenzene
 Concen: 48.168 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion:105 Resp: 504623
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.209 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

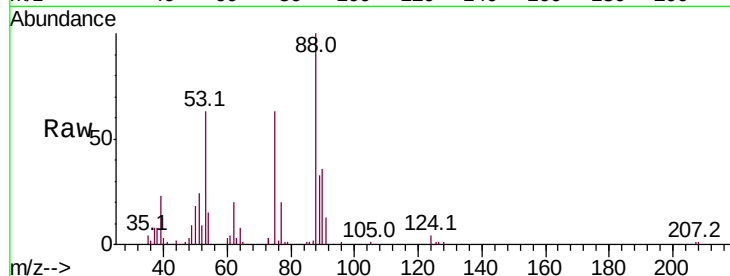
Tot Ion: 75 Resp: 27182

Ion Ratio Lower Upper

75 100

53 97.2 75.9 113.9

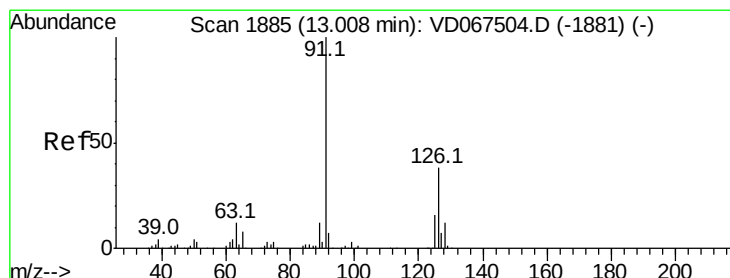
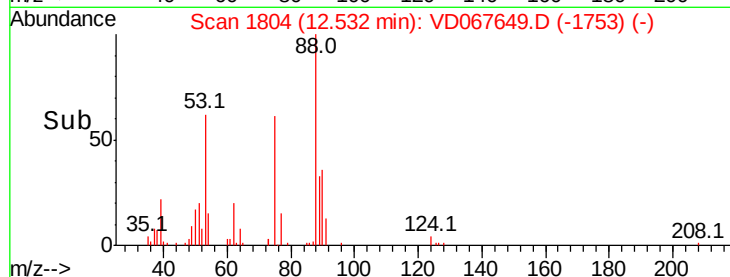
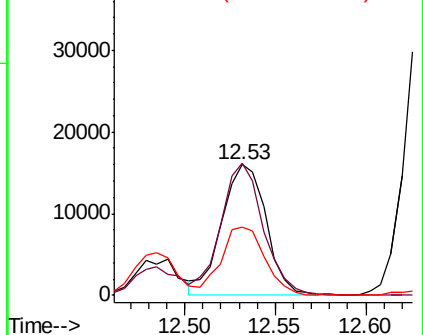
89 51.0 44.6 67.0



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: 48.929 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067649.D

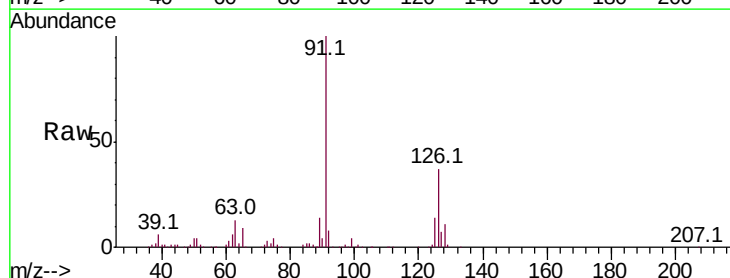
Acq: 16 Nov 2020 19:02

Tgt Ion: 91 Resp: 418152

Ion Ratio Lower Upper

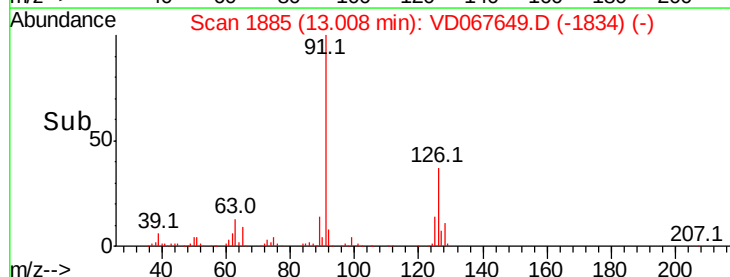
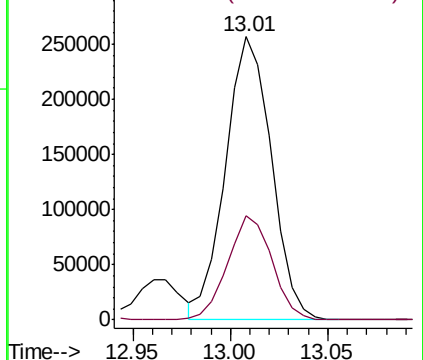
91 100

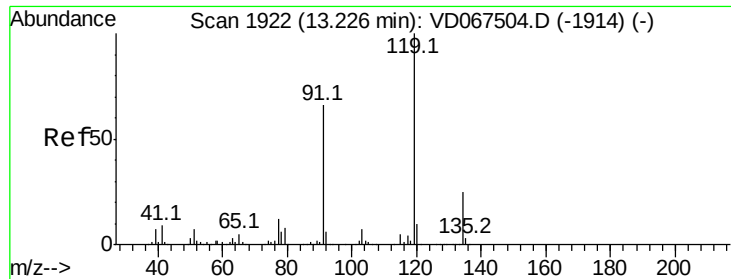
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

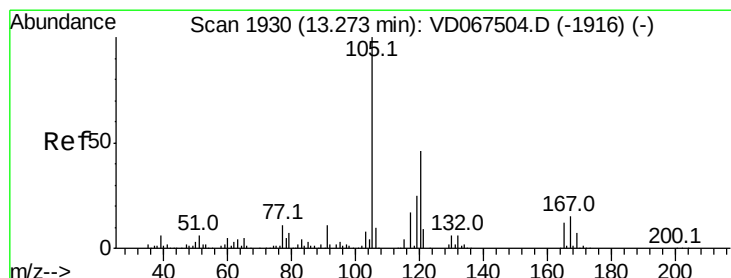
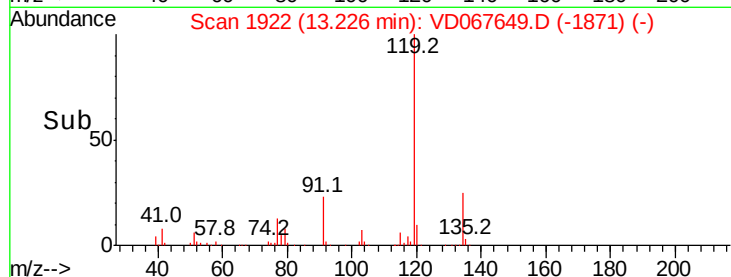
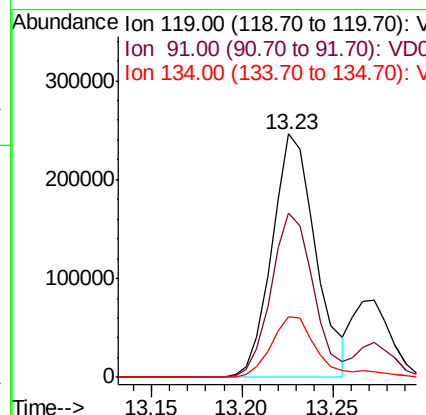
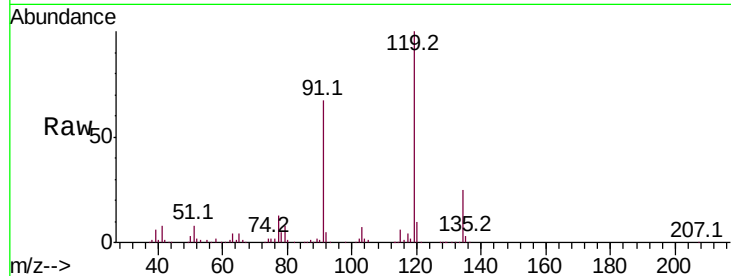




#83
 tert-Butylbenzene
 Concen: 46.424 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

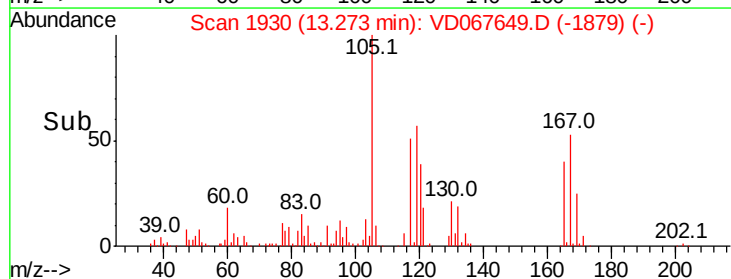
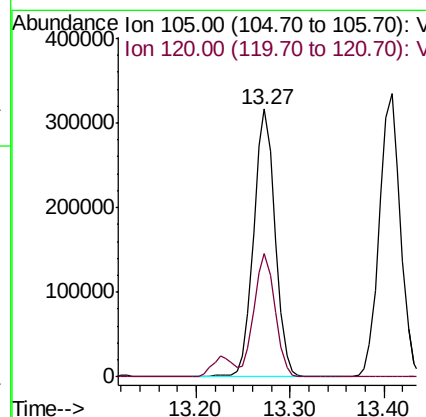
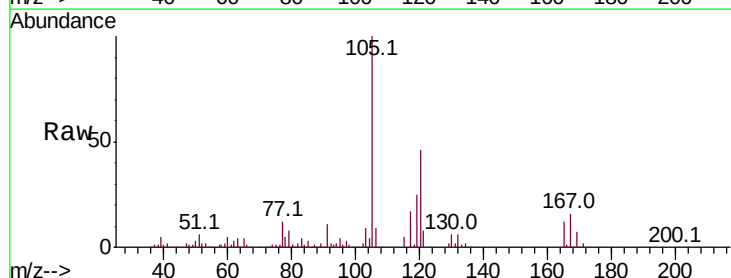
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

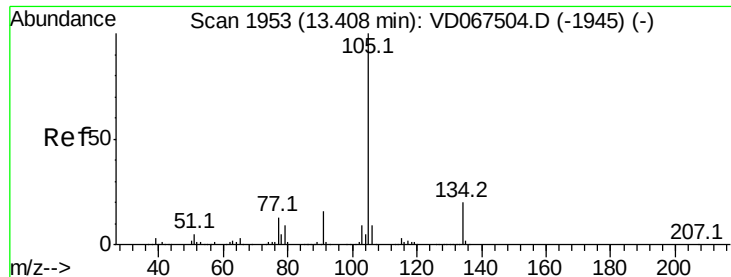
Tot Ion:119 Resp: 412190
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.7 98.1
 134 27.0 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 47.773 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion:105 Resp: 498188
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 43.226 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

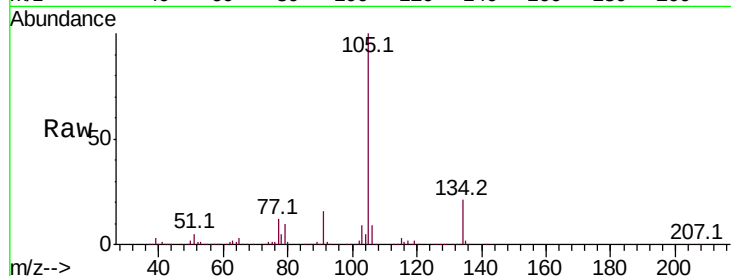
VSTDCCC050EC

Tot Ion:105 Resp: 518101

Ion Ratio Lower Upper

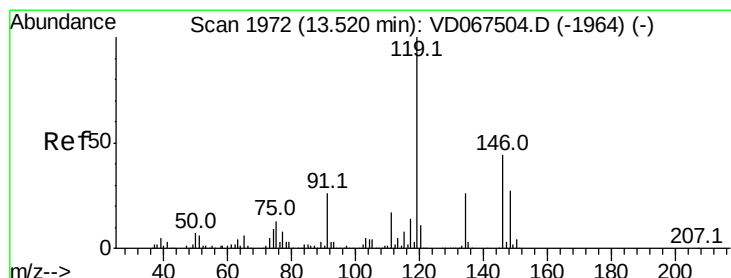
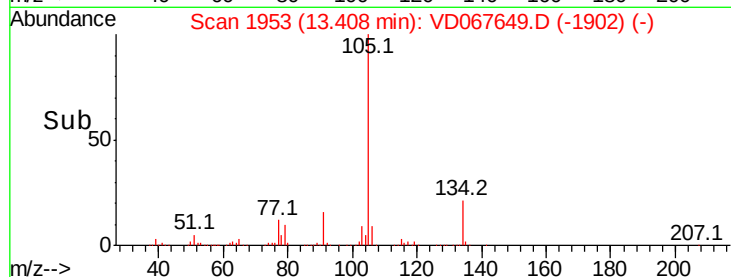
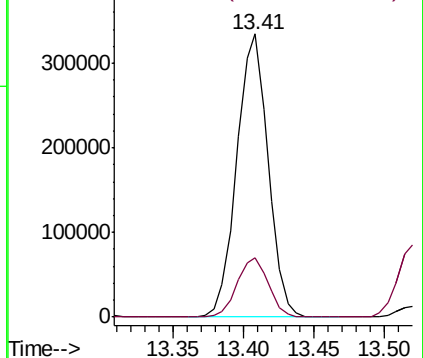
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.820 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

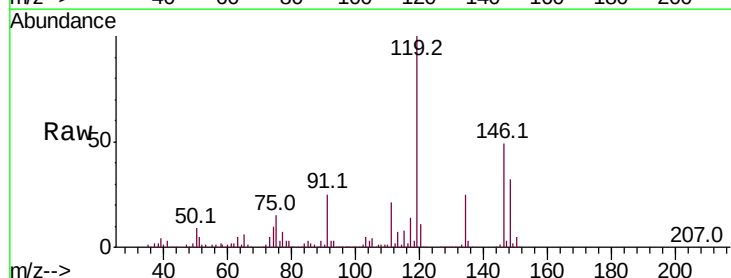
Tgt Ion:119 Resp: 507193

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

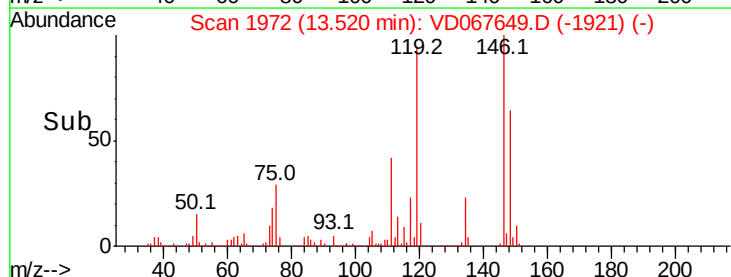
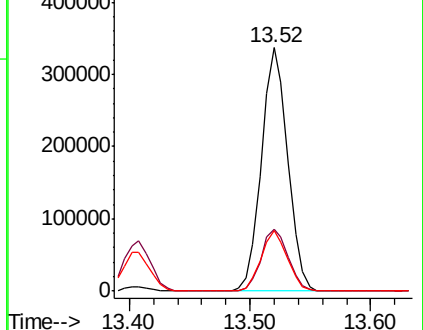
91 24.5 12.2 36.4

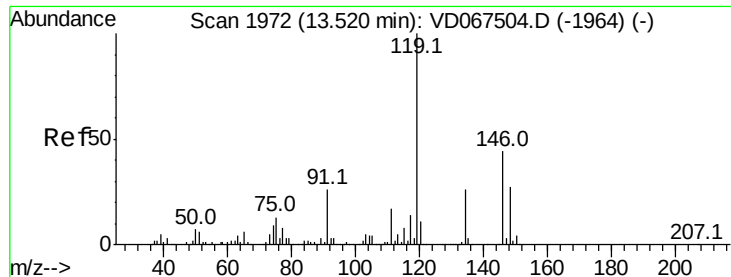


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.909 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

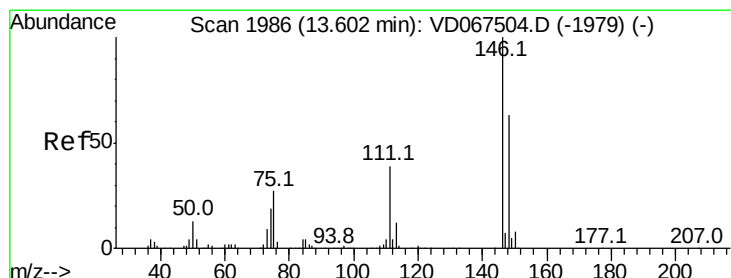
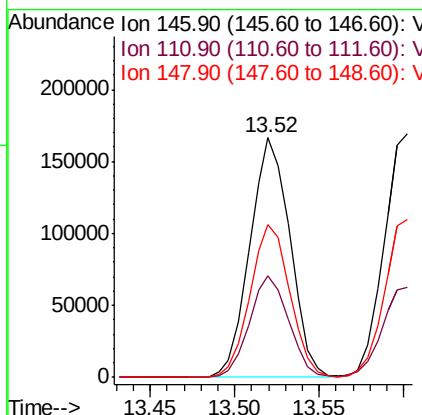
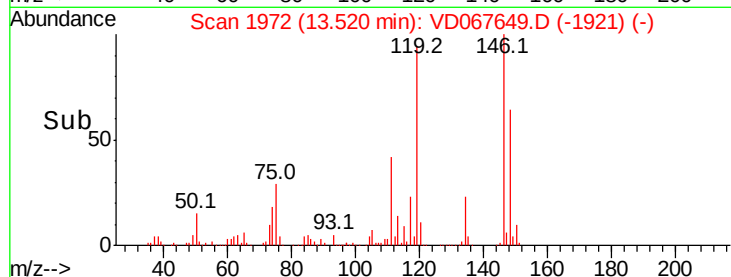
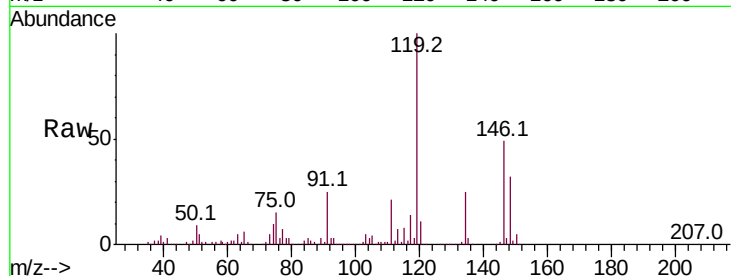
Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 275336

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	63.4	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 47.566 ug/l

RT: 13.60 min Scan# 1986

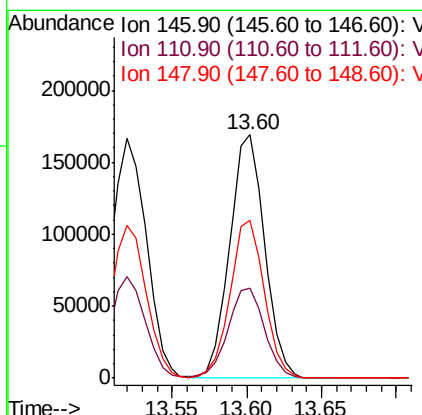
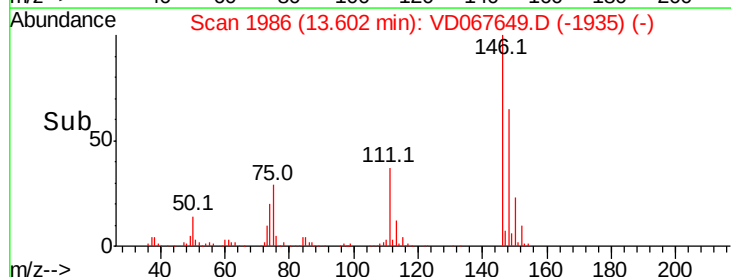
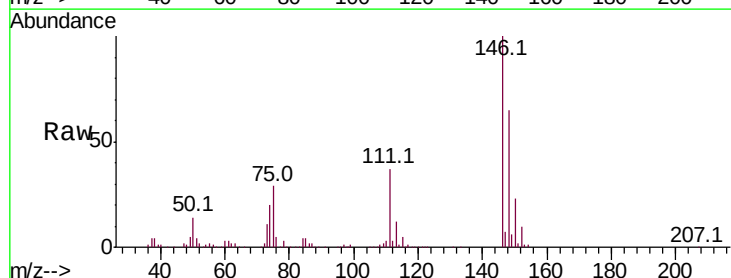
Delta R.T. -0.00 min

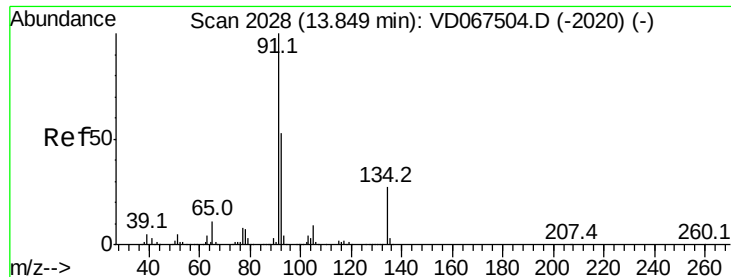
Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:146 Resp: 276800

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	63.7	31.8	95.4

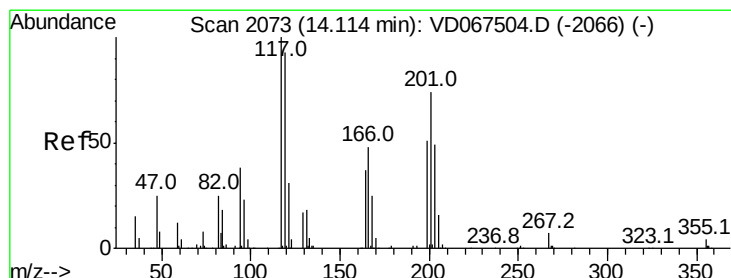
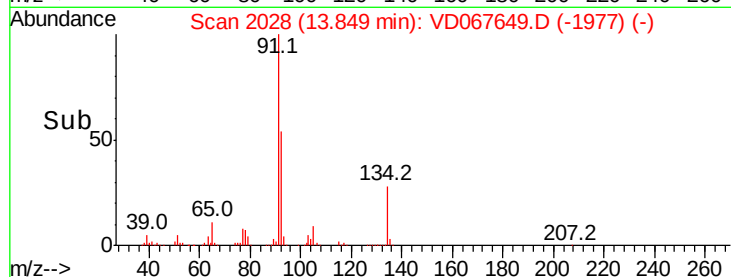
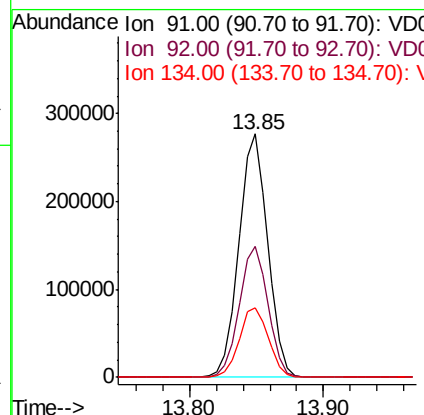
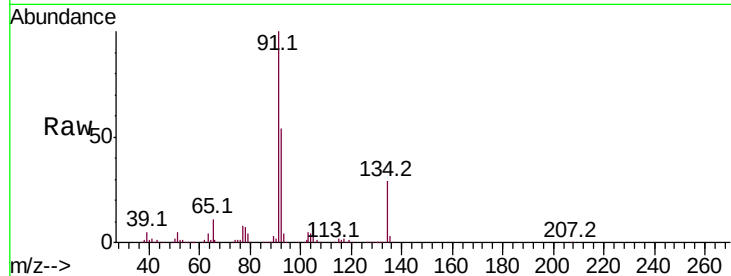




#89
n-Butylbenzene
Concen: 41.240 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

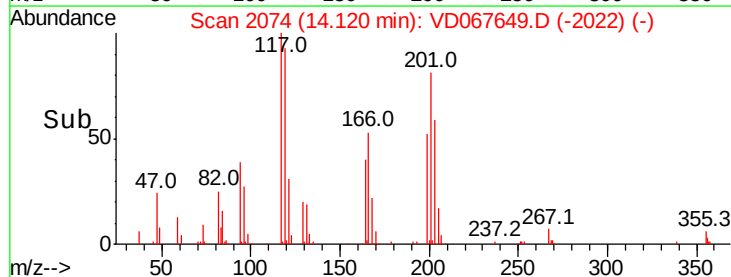
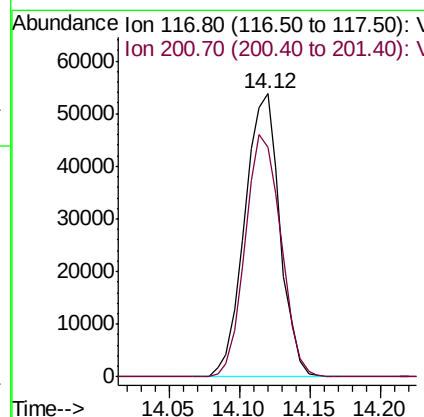
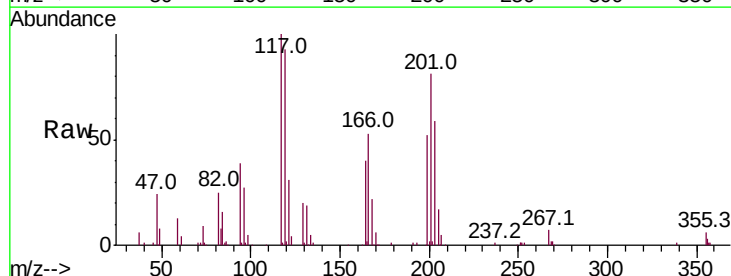
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

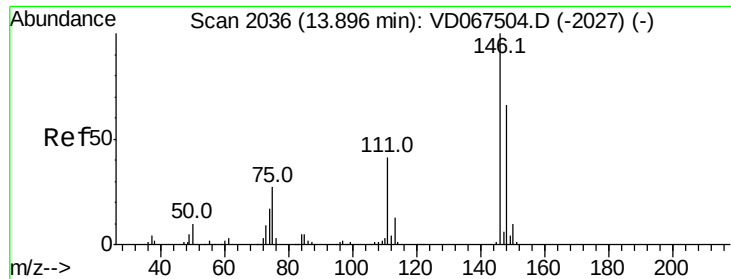
Tot Ion: 91 Resp: 412304
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 29.0 14.1 42.2



#90
Hexachloroethane
Concen: 43.057 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 117 Resp: 93851
Ion Ratio Lower Upper
117 100
201 87.2 40.7 122.1

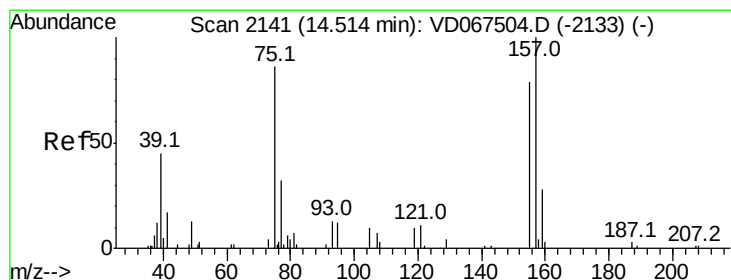
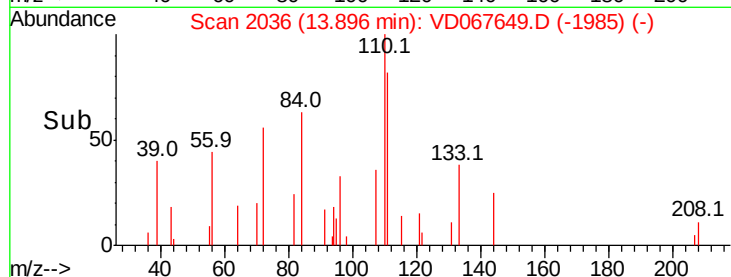
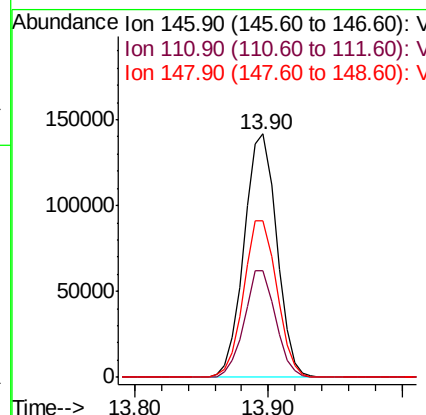
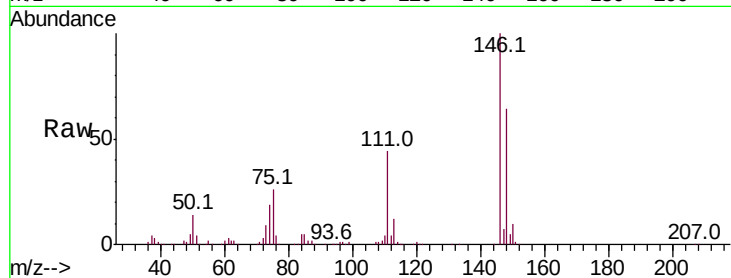




#91
1,2-Dichlorobenzene
Concen: 48.038 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

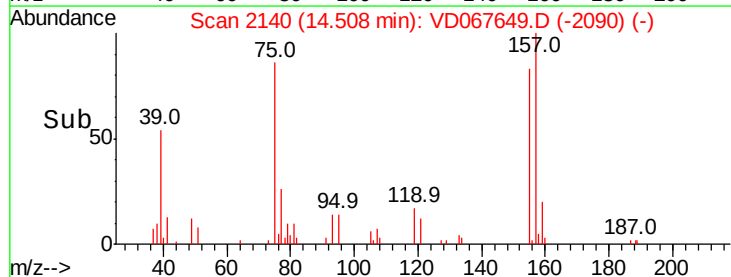
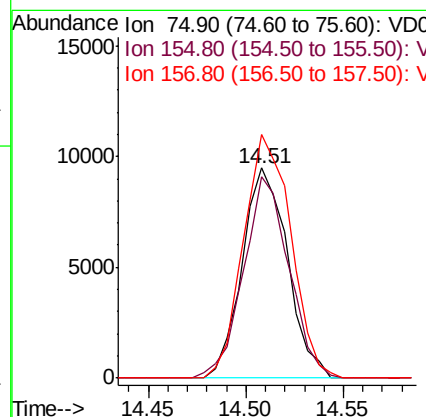
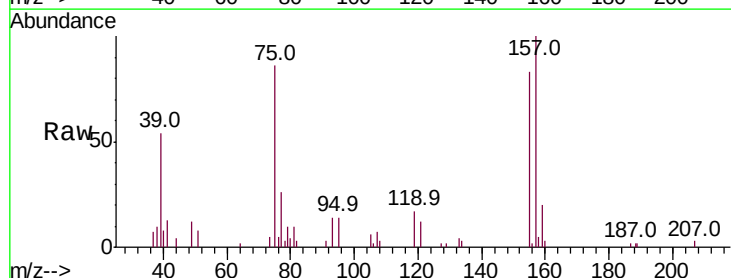
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

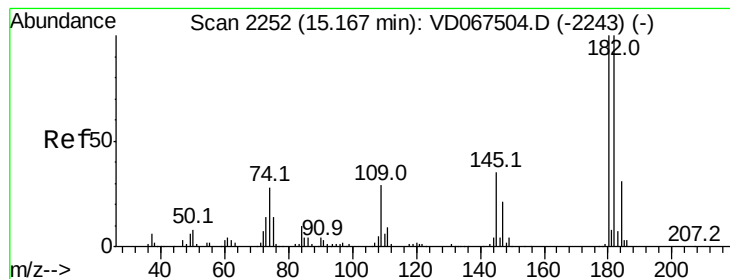
Tot Ion:146 Resp: 238934
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 65.6 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.522 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 75 Resp: 15255
Ion Ratio Lower Upper
75 100
155 96.1 46.6 139.8
157 121.1 58.1 174.2





#93

1,2,4-Trichlorobenzene

Concen: 45.887 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

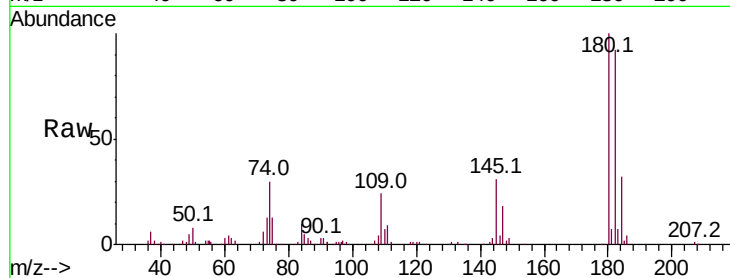
Tot Ion:180 Resp: 154908

Ion Ratio Lower Upper

180 100

182 92.7 47.4 142.3

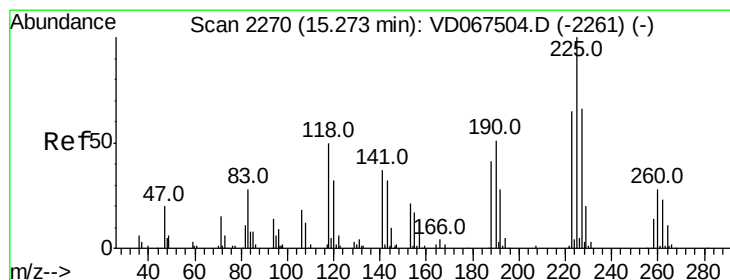
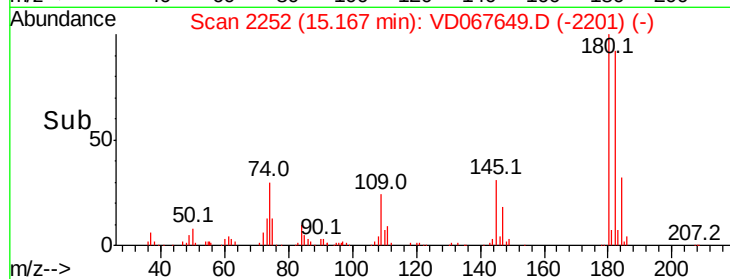
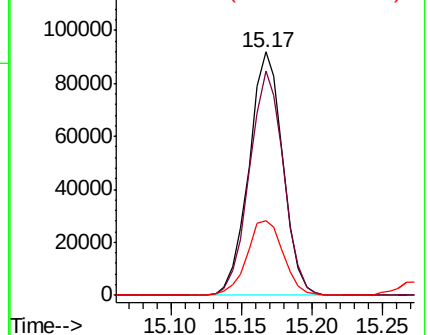
145 32.9 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 37.402 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

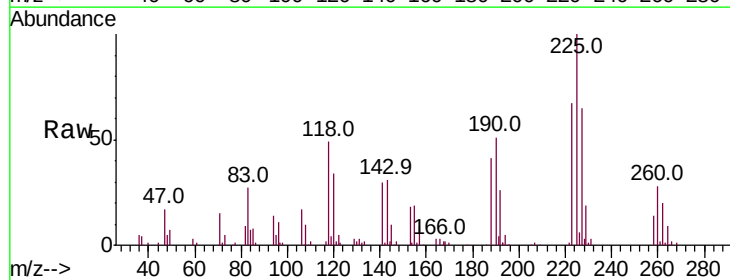
Tgt Ion:225 Resp: 84504

Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.5

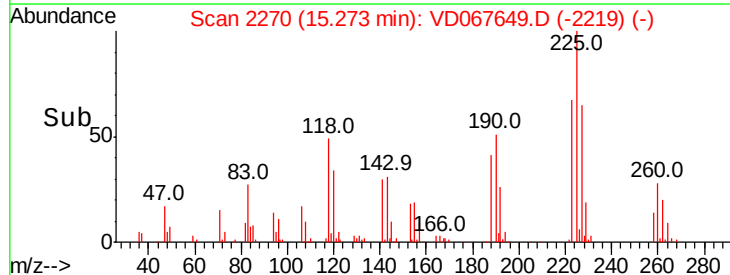
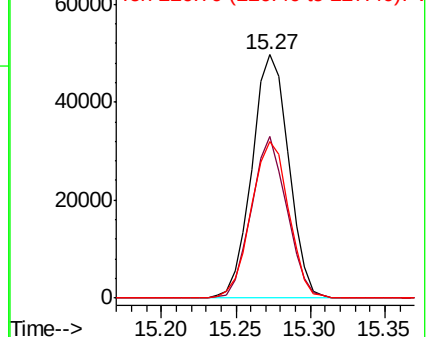
227 65.9 32.5 97.4

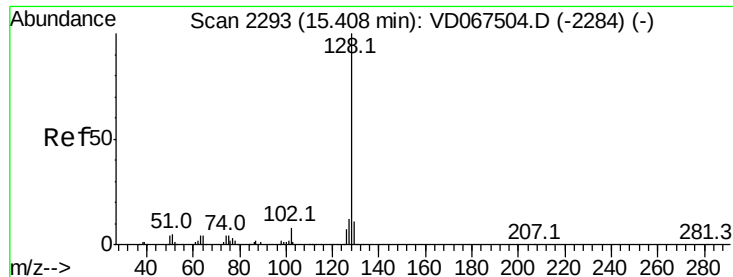


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

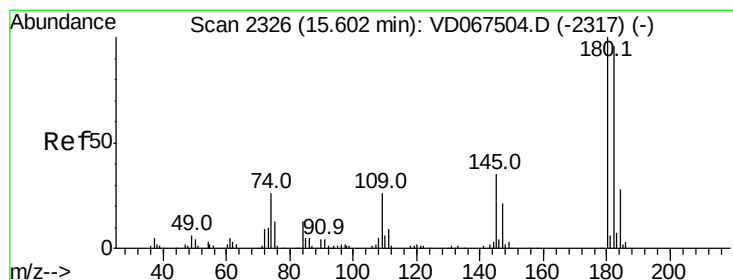
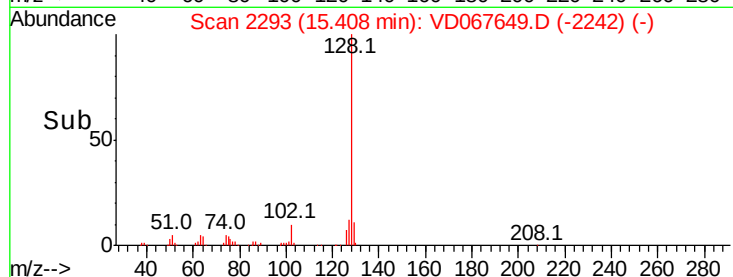
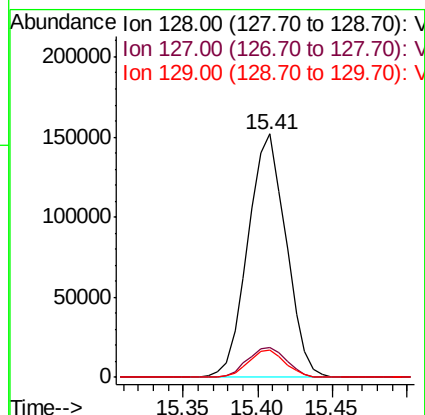
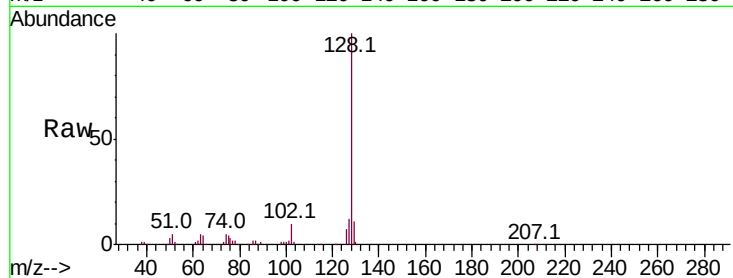




#95
Naphthalene
Concen: 51.529 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 268453
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 45.315 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:180 Resp: 130999
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.8
145 34.1 17.1 51.2

