

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067613.D
 Acq On : 11 Nov 2020 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 00:11:45 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	360767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	510364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	253215	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	143052	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	7.92	113	157944	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	538456	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.64	95	193721	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	127884	43.170	ug/l	96
3) Chloromethane	2.21	50	95379	42.455	ug/l	100
4) Vinyl Chloride	2.35	62	105493	42.118	ug/l	97
5) Bromomethane	2.77	94	87179	42.943	ug/l	92
6) Chloroethane	2.92	64	68214	44.174	ug/l	99
7) Trichlorofluoromethane	3.27	101	282434	43.550	ug/l	93
8) Diethyl Ether	3.71	74	70689	54.094	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	154101	47.074	ug/l	100
10) Methyl Iodide	4.30	142	171379	48.845	ug/l	98
11) Tert butyl alcohol	5.21	59	40538	302.442	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	142287	47.253	ug/l	95
13) Acrolein	3.92	56	41869	293.473	ug/l	100
14) Allyl chloride	4.71	41	169648	52.642	ug/l	95
15) Acrylonitrile	5.42	53	139795	289.395	ug/l	99
16) Acetone	4.16	43	109620	232.219	ug/l	91
17) Carbon Disulfide	4.41	76	421598	45.692	ug/l	99
18) Methyl Acetate	4.71	43	63975	65.583	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	329139	55.415	ug/l	95
20) Methylene Chloride	4.97	84	165711	49.695	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	173717	49.532	ug/l	99
22) Diisopropyl ether	6.36	45	364413	58.026	ug/l	98
23) Vinyl Acetate	6.30	43	952907	289.873	ug/l	99
24) 1,1-Dichloroethane	6.27	63	260756	50.754	ug/l	98
25) 2-Butanone	7.21	43	145873	289.199	ug/l	93
26) 2,2-Dichloropropane	7.21	77	246017	45.371	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	190074	52.214	ug/l	99
28) Bromochloromethane	7.55	49	100668	55.085	ug/l	97
29) Tetrahydrofuran	7.56	42	92846	307.295	ug/l	99
30) Chloroform	7.71	83	311779	50.867	ug/l	96
31) Cyclohexane	7.99	56	207370	45.325	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	293752	46.450	ug/l	100
36) 1,1-Dichloropropene	8.11	75	222592	47.677	ug/l	99
37) Ethyl Acetate	7.30	43	68591	56.589	ug/l	99
38) Carbon Tetrachloride	8.10	117	276820	45.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	263261	47.909	ug/l	97
40) Benzene	8.36	78	641865	50.754	ug/l	98
41) Methacrylonitrile	7.53	41	40023	55.240	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	192734	49.326	ug/l	100
43) Isopropyl Acetate	8.46	43	135458	56.508	ug/l	98
44) Trichloroethene	9.11	130	201121	48.366	ug/l	97
45) 1,2-Dichloropropane	9.39	63	147787	54.050	ug/l	95
46) Dibromomethane	9.48	93	90246	51.910	ug/l	98
47) Bromodichloromethane	9.67	83	242438	51.306	ug/l	96
48) Methyl methacrylate	9.46	41	66198	53.485	ug/l	94
49) 1,4-Dioxane	9.47	88	20027	1134.740	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	336156	293.217	ug/l	99
52) Toluene	10.41	92	440747	52.032	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	217618	53.772	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	252989	52.615	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	125540	54.576	ug/l	97
56) Ethyl methacrylate	10.66	69	136695	57.546	ug/l	96
57) 1,3-Dichloropropane	10.95	76	197420	53.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	323044	291.627	ug/l	98
59) 2-Hexanone	10.99	43	230875	288.020	ug/l	99
60) Dibromochloromethane	11.14	129	176002	51.724	ug/l	96
61) 1,2-Dibromoethane	11.25	107	122128	52.900	ug/l	98
64) Tetrachloroethene	10.88	164	181425	48.000	ug/l	95
65) Chlorobenzene	11.67	112	485297	49.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	192348	49.642	ug/l	99
67) Ethyl Benzene	11.75	91	827401	49.183	ug/l	100
68) m/p-Xylenes	11.86	106	646581	98.793	ug/l	98
69) o-Xylene	12.18	106	301409	51.581	ug/l	98
70) Styrene	12.20	104	518289	50.902	ug/l	99
71) Bromoform	12.37	173	105173	53.221	ug/l #	100
73) Isopropylbenzene	12.48	105	819102	50.053	ug/l	99
74) N-amyl acetate	12.29	43	119852	55.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	121069	54.254	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	163181	106.826	ug/l #	100
77) Bromobenzene	12.77	156	204811	50.961	ug/l	99
78) n-propylbenzene	12.83	91	927661	49.558	ug/l	100
79) 2-Chlorotoluene	12.91	91	543480	51.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	715221	51.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	38896	51.697	ug/l	92
82) 4-Chlorotoluene	13.01	91	573660	50.304	ug/l	100
83) tert-Butylbenzene	13.23	119	606052	51.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	709871	51.013	ug/l	99
85) sec-Butylbenzene	13.41	105	797741	49.877	ug/l	99
86) p-Isopropyltoluene	13.52	119	756961	49.010	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	379986	49.549	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	372537	47.975	ug/l	98
89) n-Butylbenzene	13.85	91	647046	48.501	ug/l	99
90) Hexachloroethane	14.11	117	139294	47.891	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	334591	50.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21072	53.333	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
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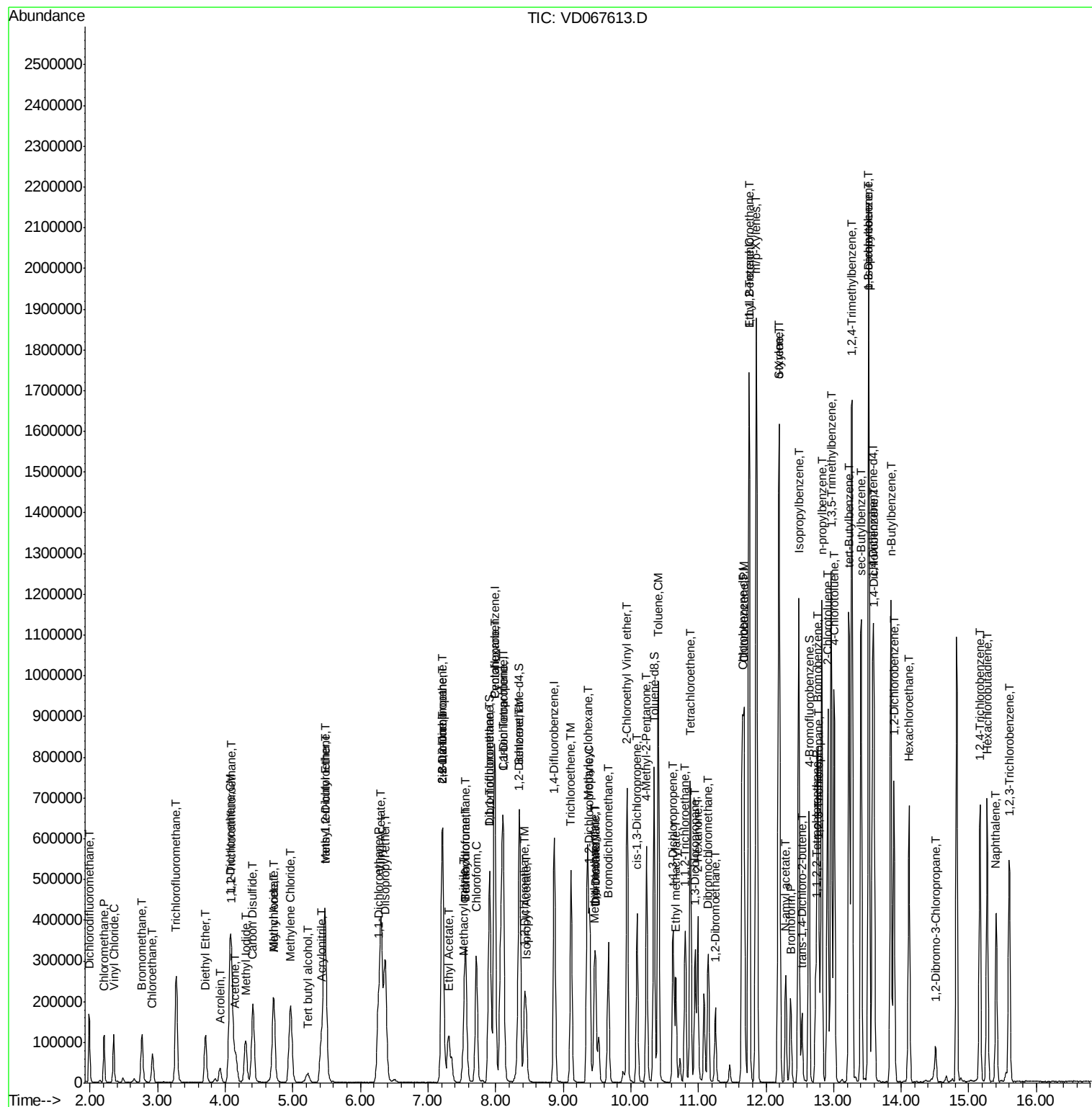
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224087	49.745	ug/l	99
94) Hexachlorobutadiene	15.27	225	141161	46.821	ug/l	98
95) Naphthalene	15.40	128	384915	55.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	197079	51.089	ug/l	99

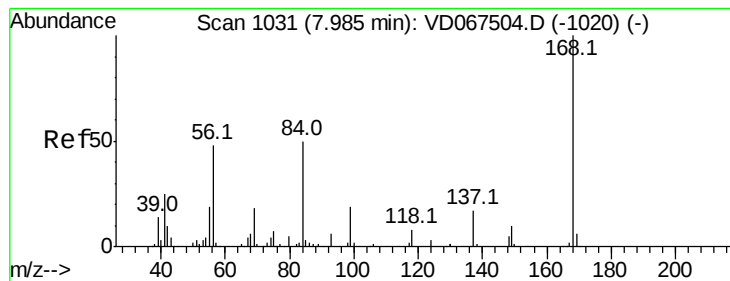
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

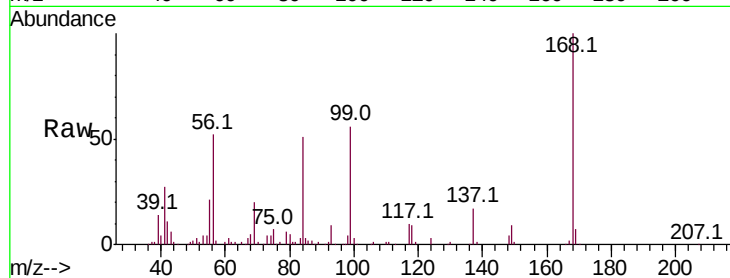
VSTDCCC050EC

Tot Ion:168 Resp: 360767

Ion Ratio Lower Upper

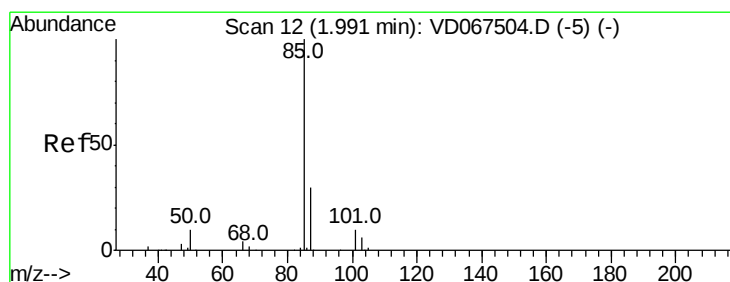
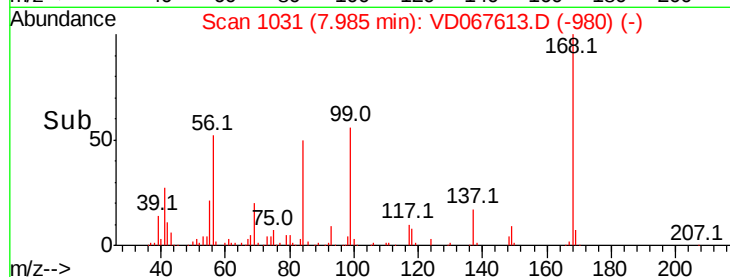
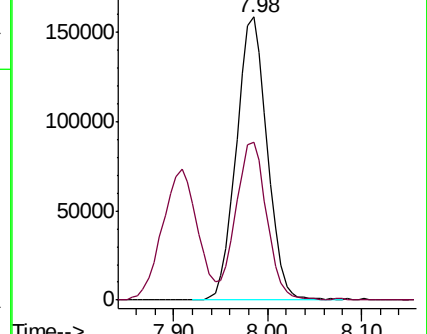
168 100

99 55.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.170 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067613.D

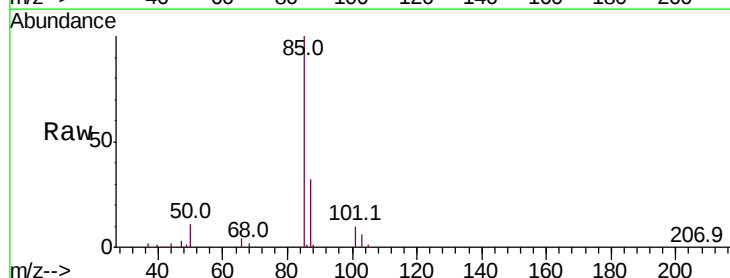
Acq: 11 Nov 2020 20:09

Tgt Ion: 85 Resp: 127884

Ion Ratio Lower Upper

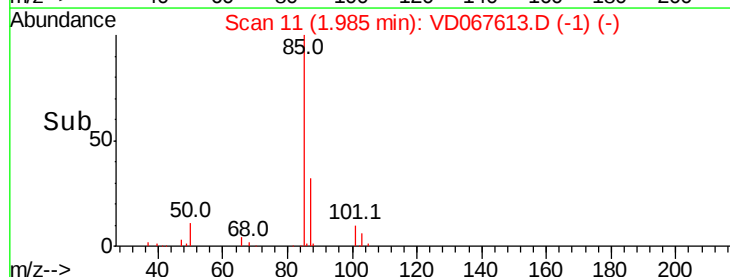
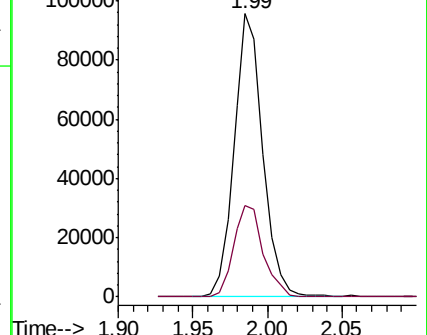
85 100

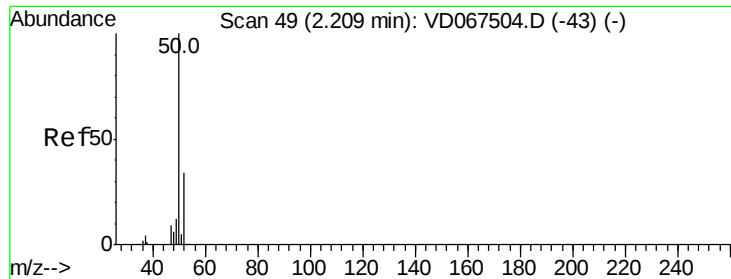
87 32.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

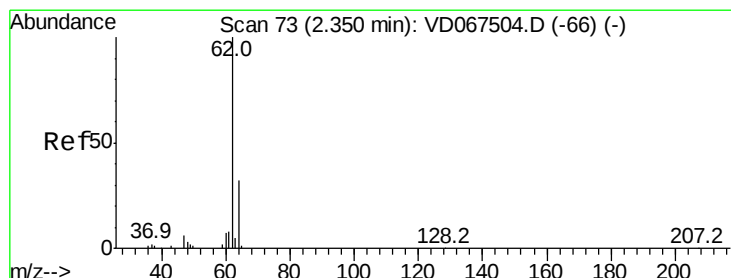
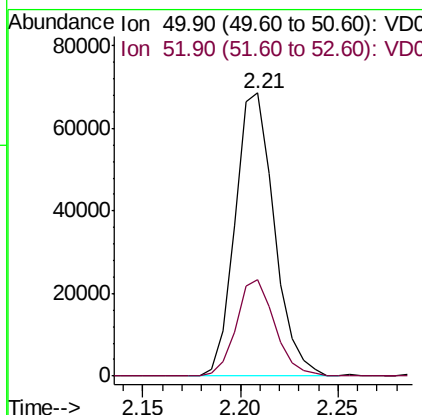
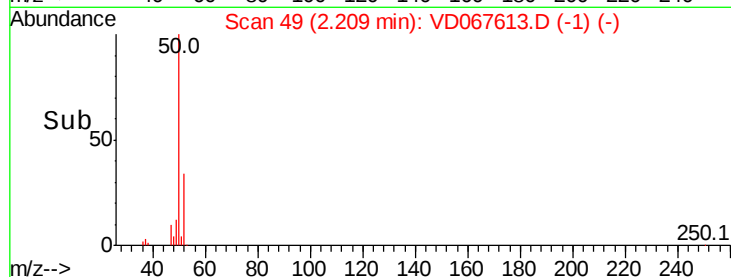
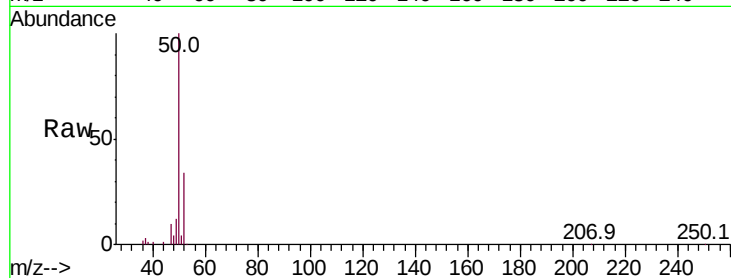




#3
Chloromethane
Concen: 42.455 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

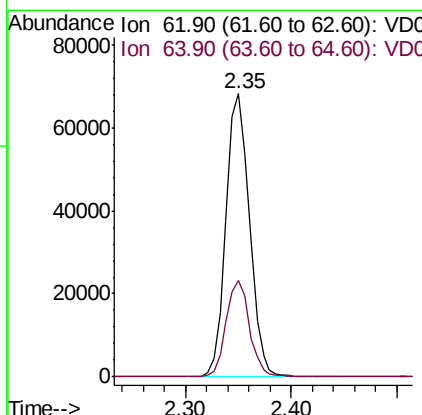
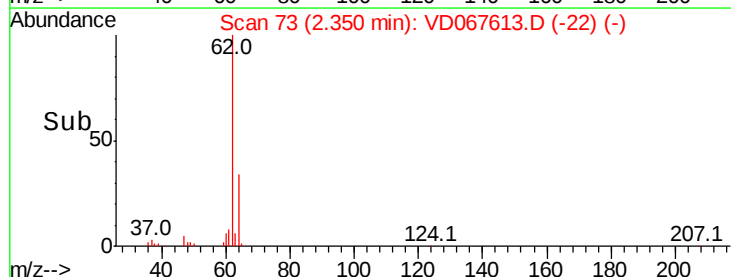
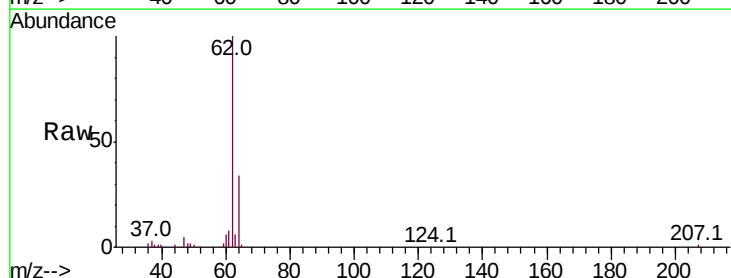
Instrument :
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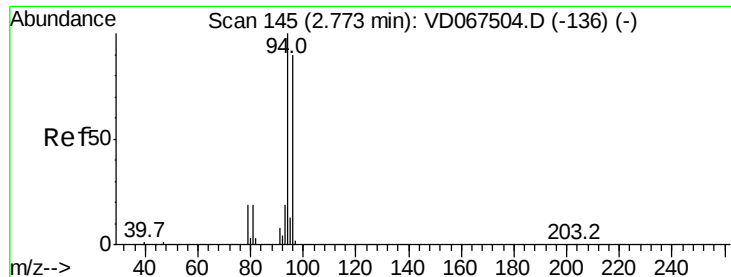
Tot Ion: 50 Resp: 95379
Ion Ratio Lower Upper
50 100
52 33.9 27.3 40.9



#4
Vinyl Chloride
Concen: 42.118 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 62 Resp: 105493
Ion Ratio Lower Upper
62 100
64 33.9 25.6 38.4





#5

Bromomethane

Concen: 42.943 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

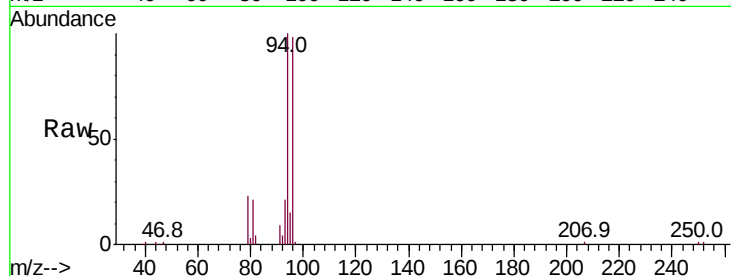
VSTDCCC050EC

Tot Ion: 94 Resp: 87179

Ion Ratio Lower Upper

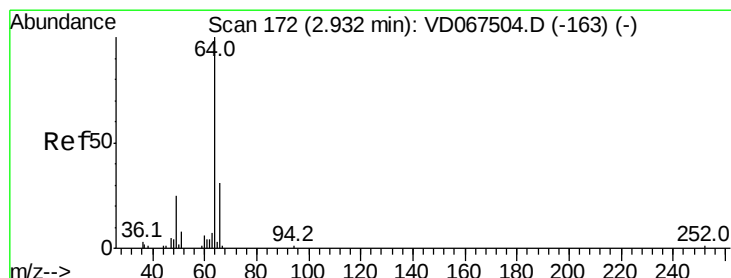
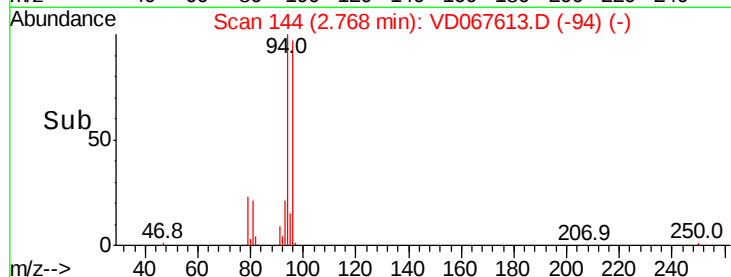
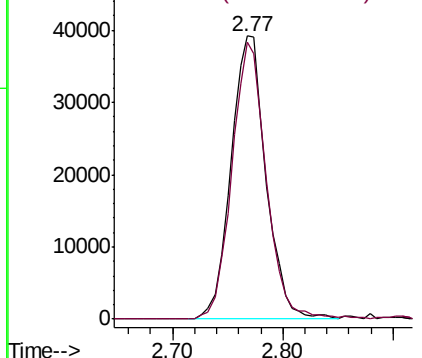
94 100

96 97.8 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: 44.174 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067613.D

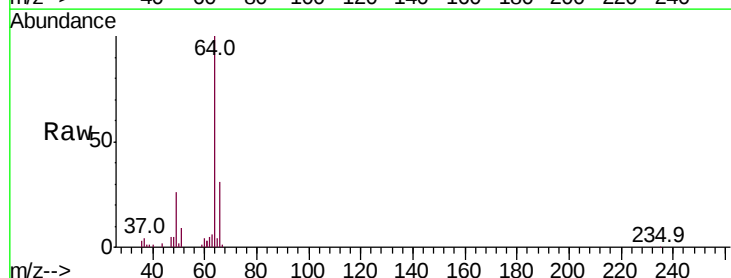
Acq: 11 Nov 2020 20:09

Tgt Ion: 64 Resp: 68214

Ion Ratio Lower Upper

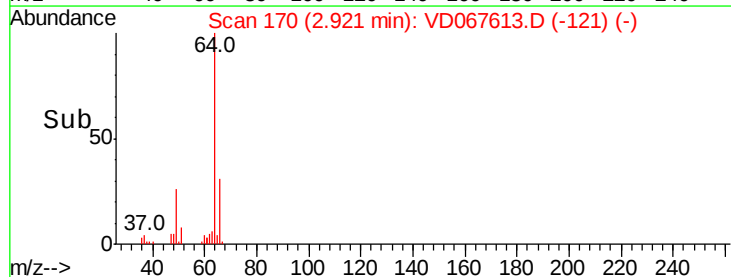
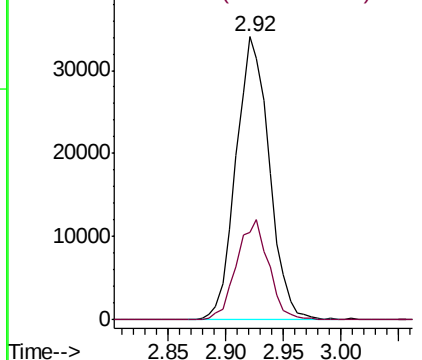
64 100

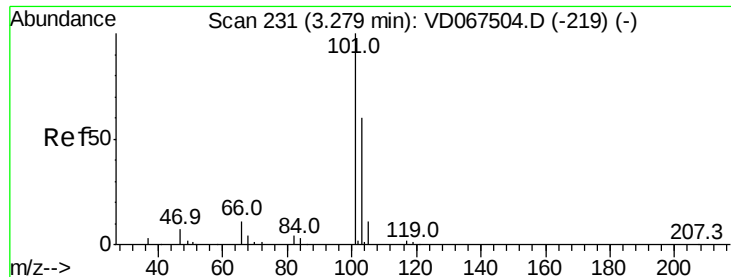
66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



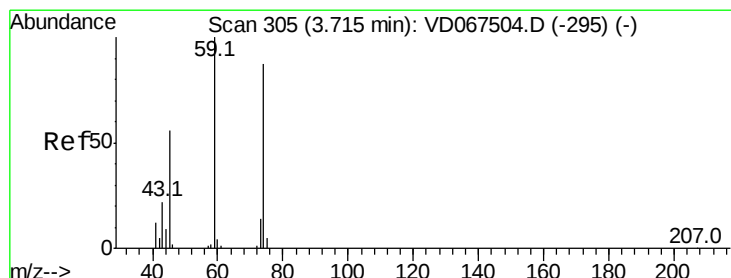
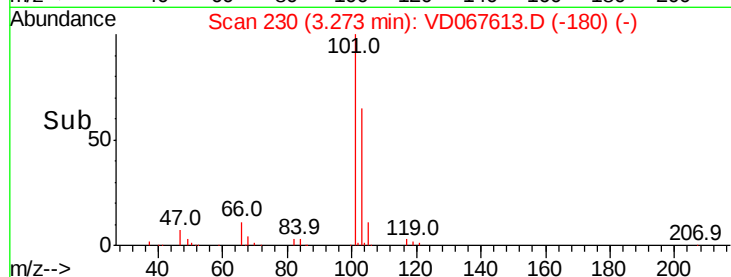
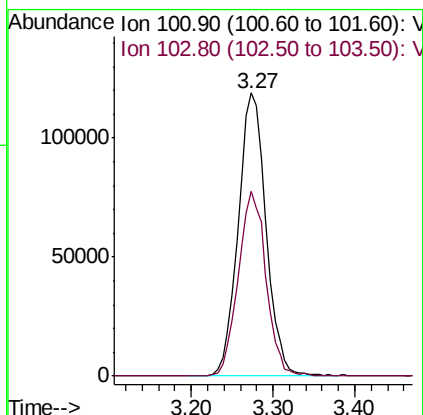
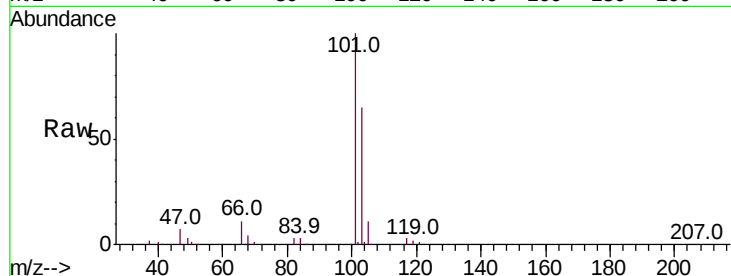


#7

Trichlorofluoromethane
 Concen: 43.550 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
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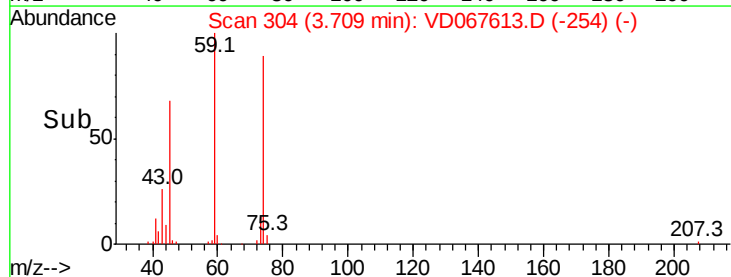
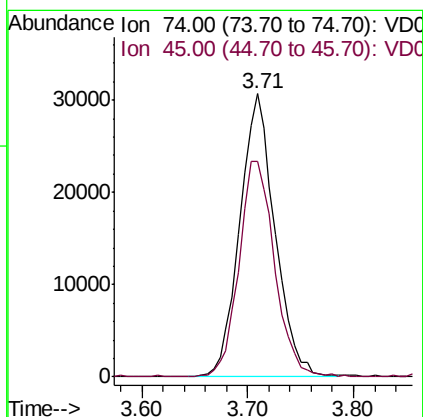
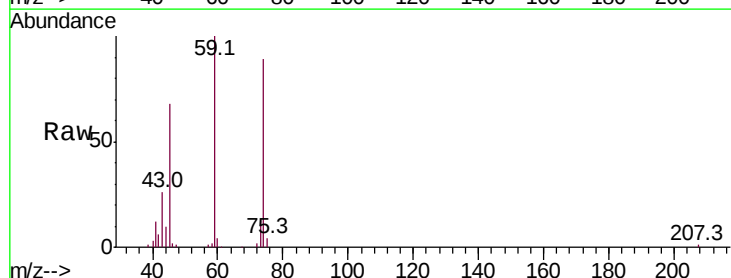
Tot Ion:101 Resp: 282434
 Ion Ratio Lower Upper
 101 100
 103 65.4 48.1 72.1

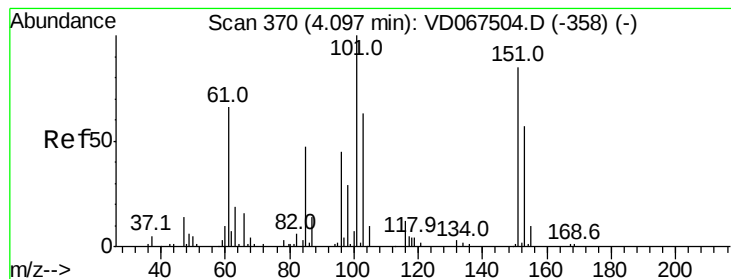


#8

Diethyl Ether
 Concen: 54.094 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 74 Resp: 70689
 Ion Ratio Lower Upper
 74 100
 45 77.5 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.074 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

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ClientSampleId :

VSTDCCC050EC

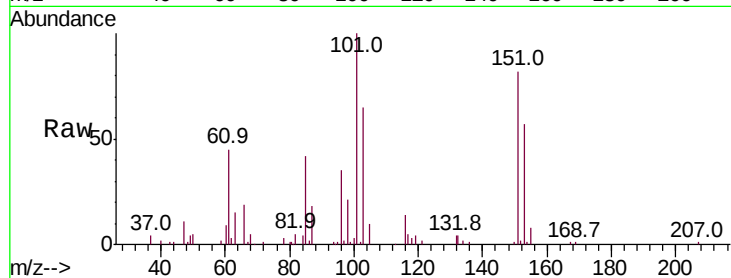
Tot Ion:101 Resp: 154101

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

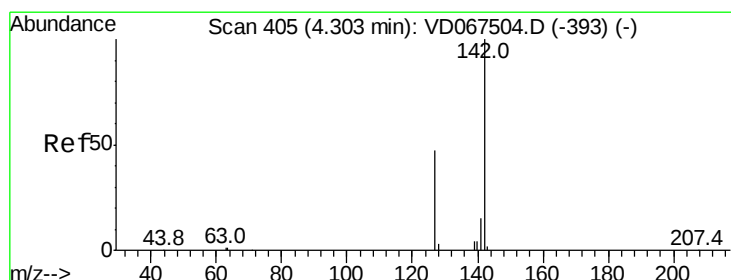
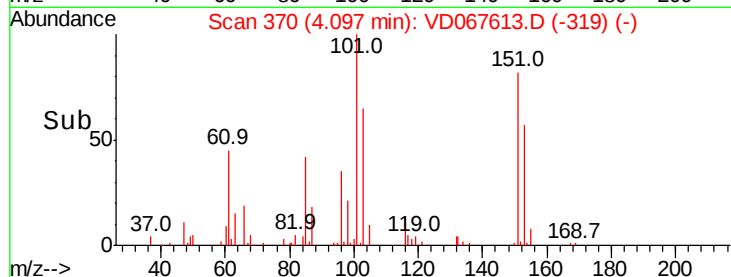
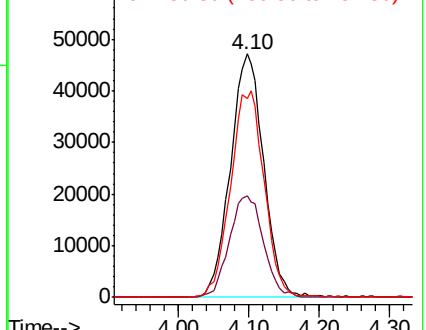
151 85.4 68.1 102.1



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: 48.845 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

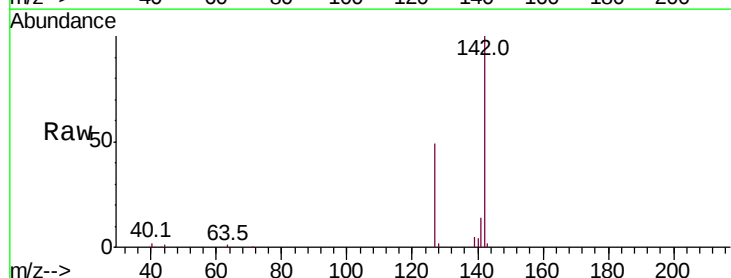
Tgt Ion:142 Resp: 171379

Ion Ratio Lower Upper

142 100

127 47.9 40.0 60.0

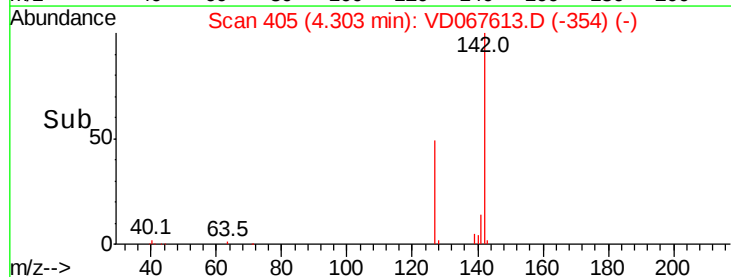
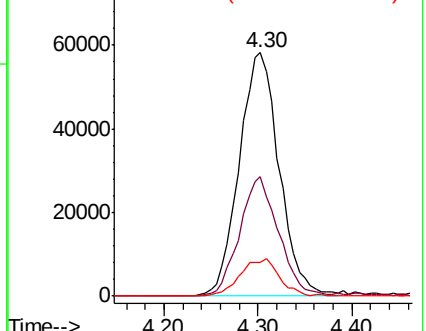
141 14.7 11.7 17.5

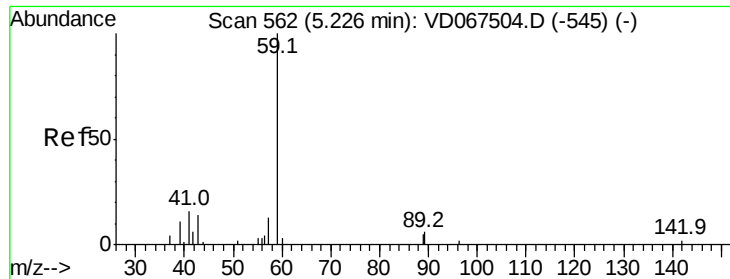


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

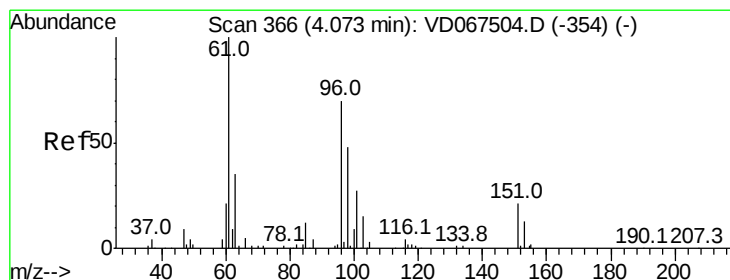
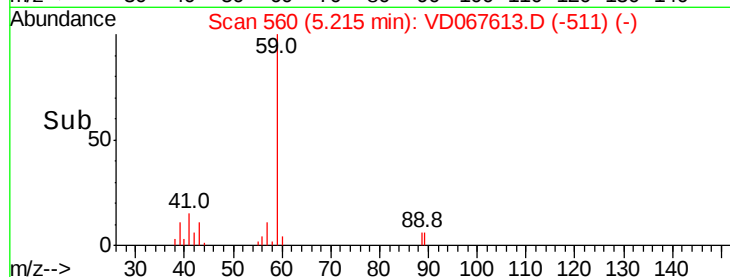
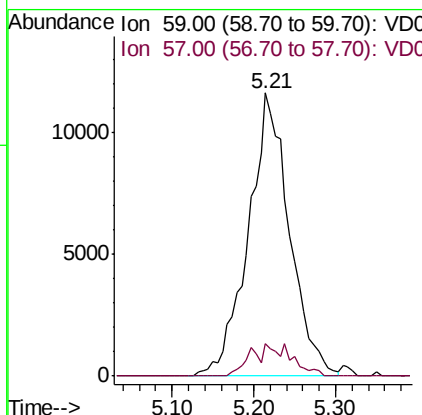
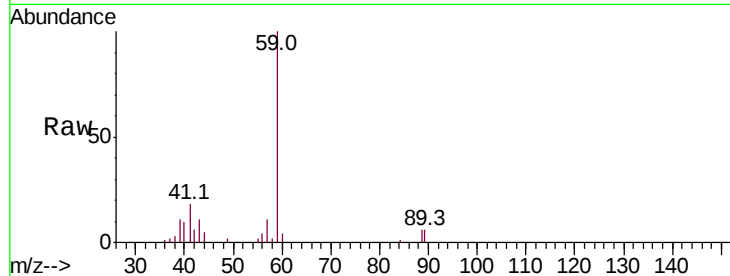




#11
Tert butyl alcohol
Concen: 302.442 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

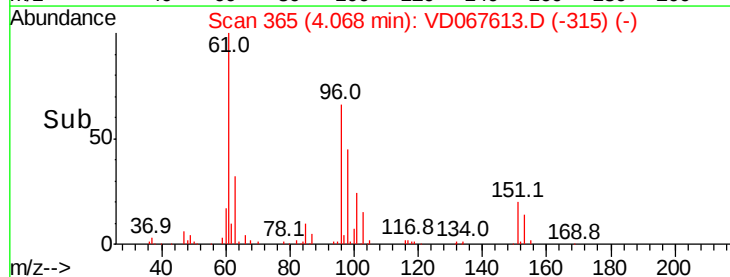
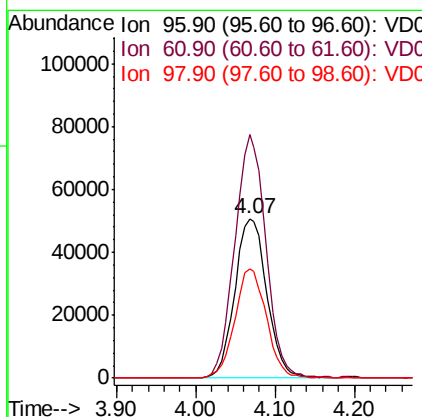
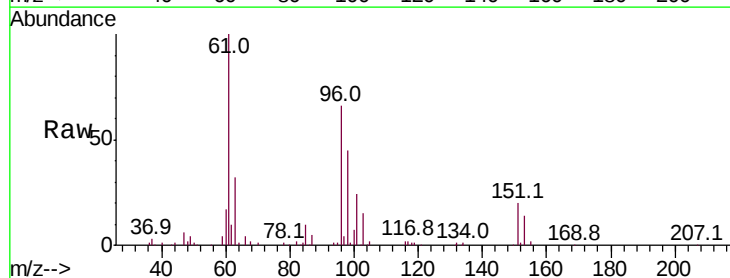
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

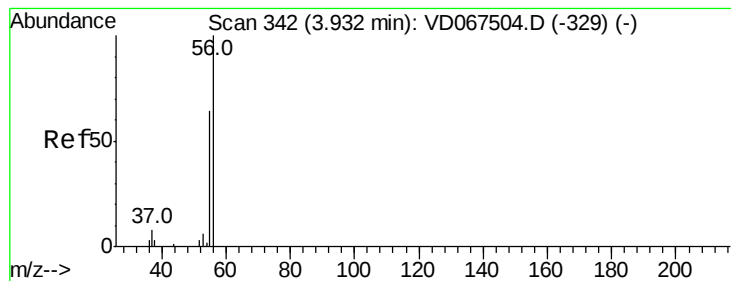
Tot Ion: 59 Resp: 40538
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#12
1,1-Dichloroethene
Concen: 47.253 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 96 Resp: 142287
Ion Ratio Lower Upper
96 100
61 152.6 114.5 171.7
98 68.7 54.5 81.7





#13

Acrolein

Concen: 293.473 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

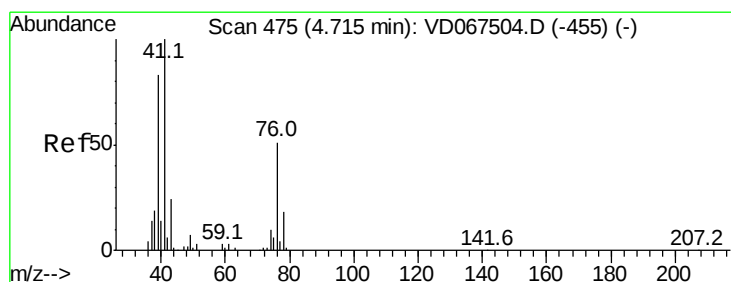
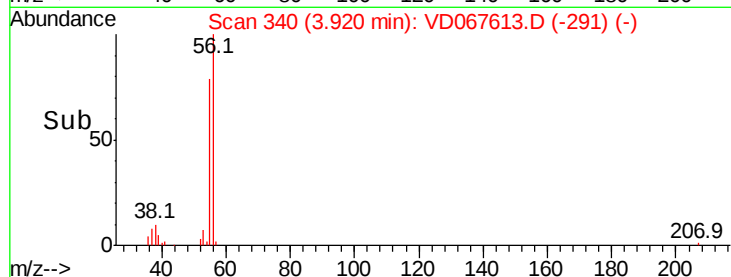
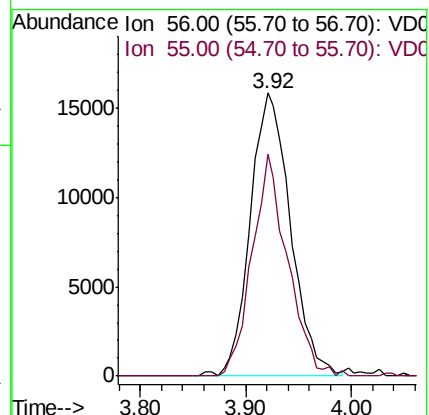
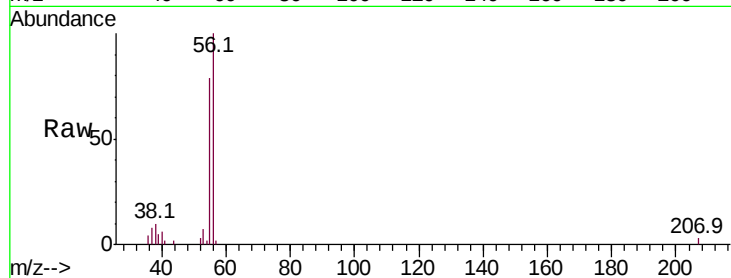
VSTDCCC050EC

Tot Ion: 56 Resp: 41869

Ion Ratio Lower Upper

56 100

55 69.6 55.8 83.8



#14

Allyl chloride

Concen: 52.642 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

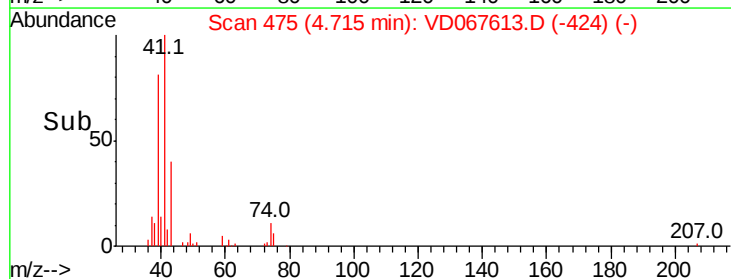
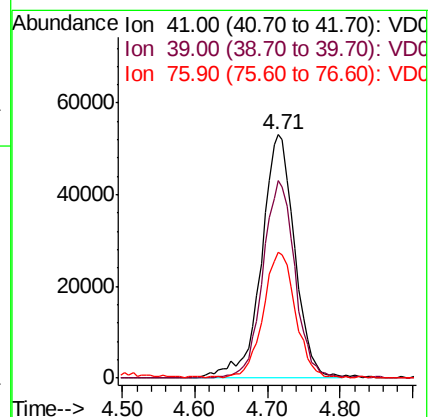
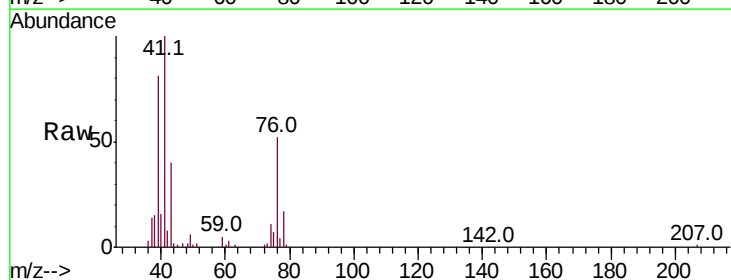
Tgt Ion: 41 Resp: 169648

Ion Ratio Lower Upper

41 100

39 78.9 67.4 101.0

76 50.8 42.2 63.2





#15

Acrylonitrile

Concen: 289.395 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

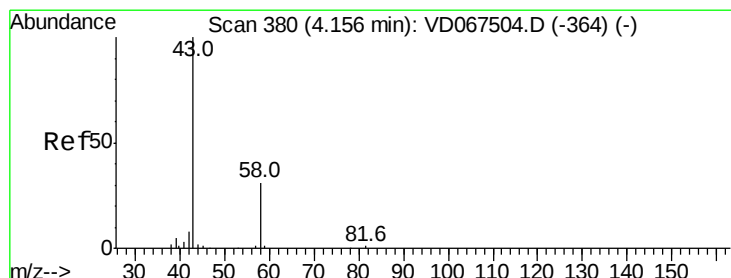
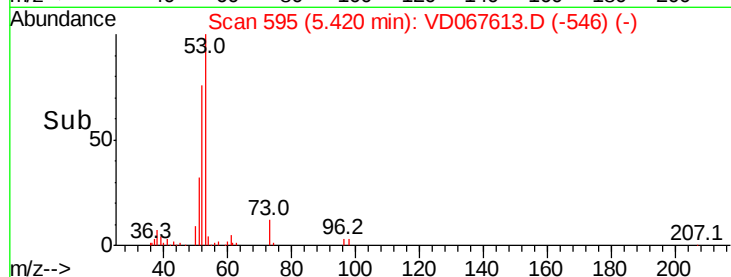
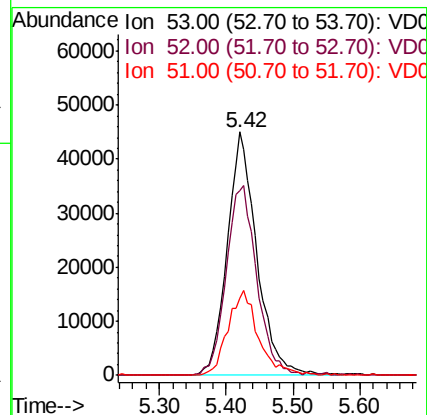
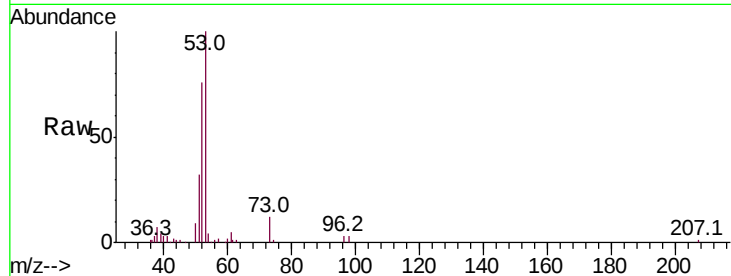
Tot Ion: 53 Resp: 139795

Ion Ratio Lower Upper

53 100

52 80.5 64.8 97.2

51 35.9 29.5 44.3



#16

Acetone

Concen: 232.219 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067613.D

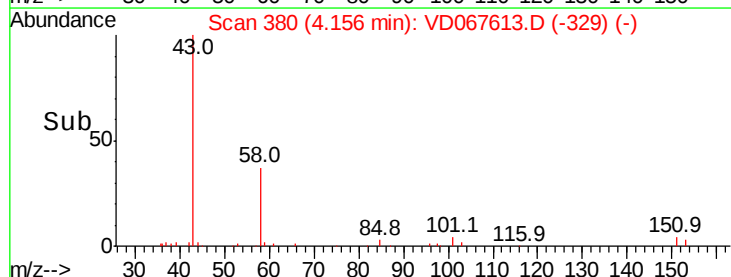
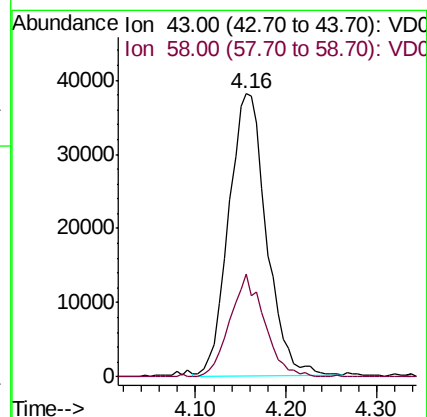
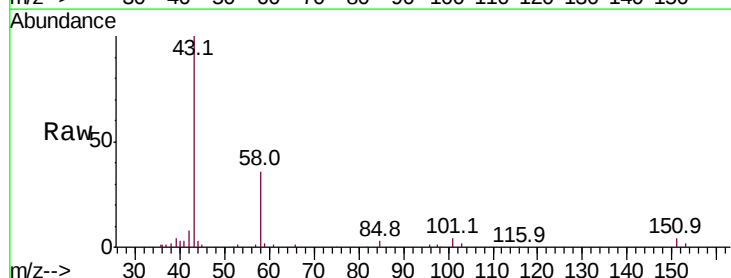
Acq: 11 Nov 2020 20:09

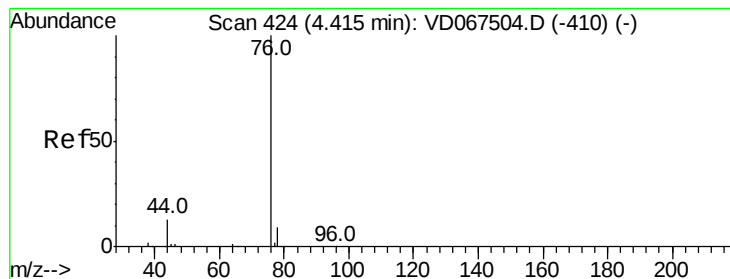
Tgt Ion: 43 Resp: 109620

Ion Ratio Lower Upper

43 100

58 36.7 25.2 37.8





#17

Carbon Disulfide

Concen: 45.692 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

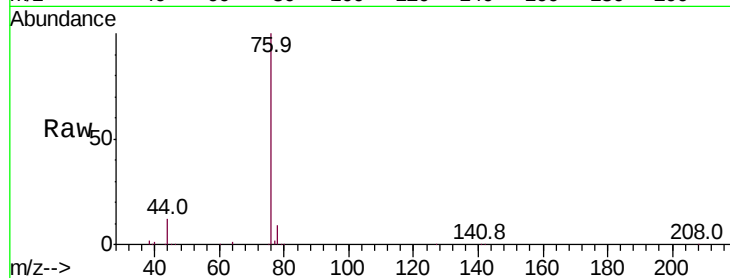
VSTDCCC050EC

Tot Ion: 76 Resp: 421598

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

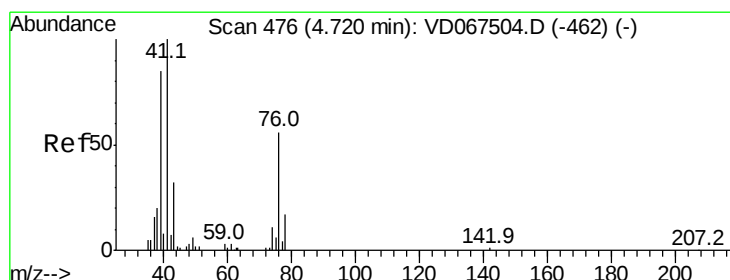
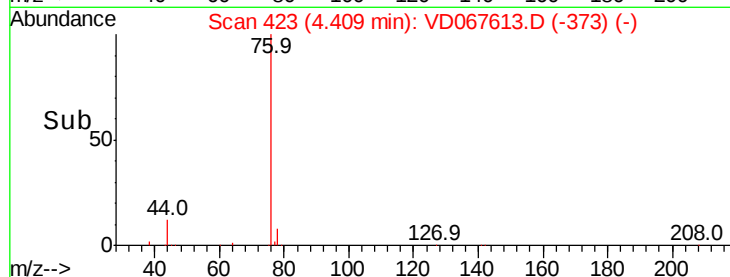
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 65.583 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067613.D

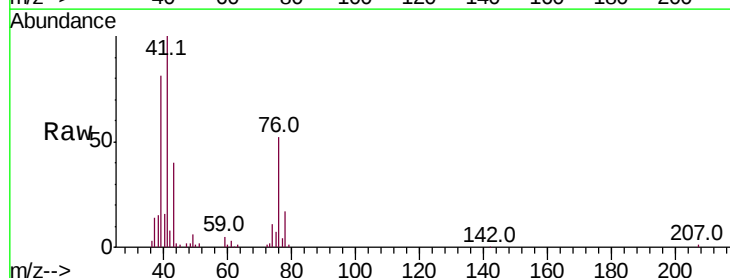
Acq: 11 Nov 2020 20:09

Tgt Ion: 43 Resp: 63975

Ion Ratio Lower Upper

43 100

74 29.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

25000

20000

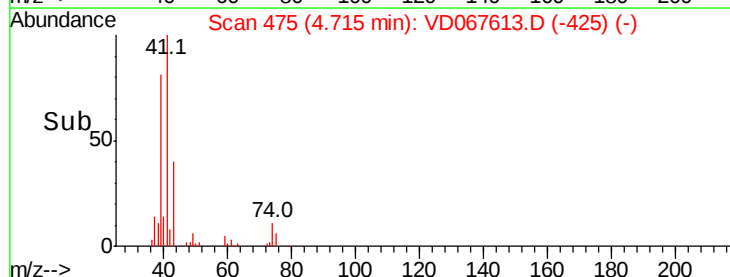
15000

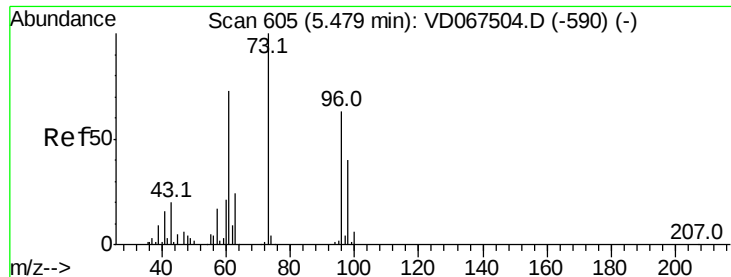
10000

5000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 55.415 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

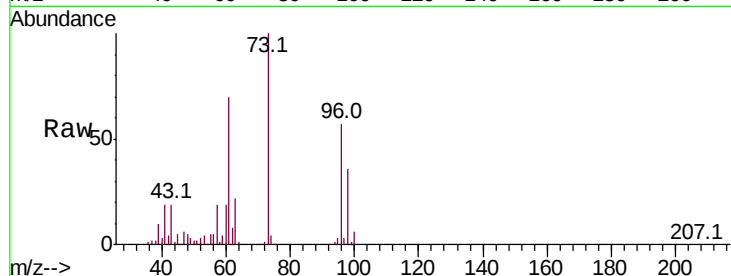
VSTDCCC050EC

Tot Ion: 73 Resp: 329139

Ion Ratio Lower Upper

73 100

57 18.7 13.4 20.0



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.48

100000

80000

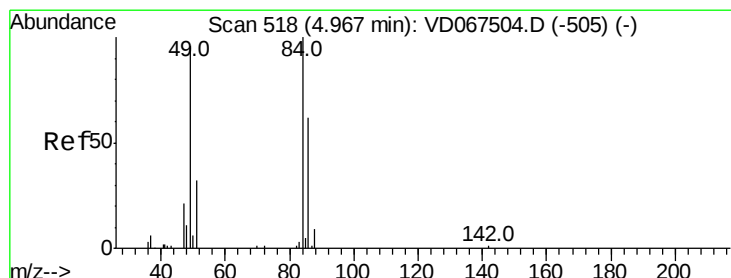
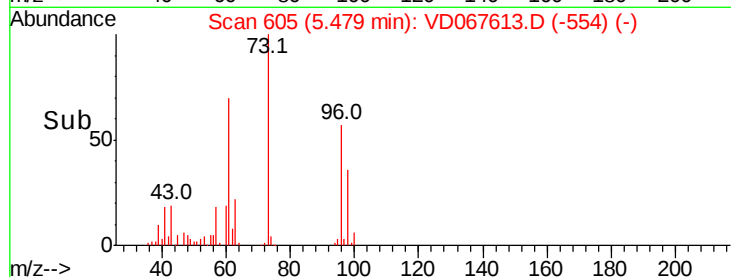
60000

40000

20000

0

Time--> 5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 49.695 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion: 84 Resp: 165711

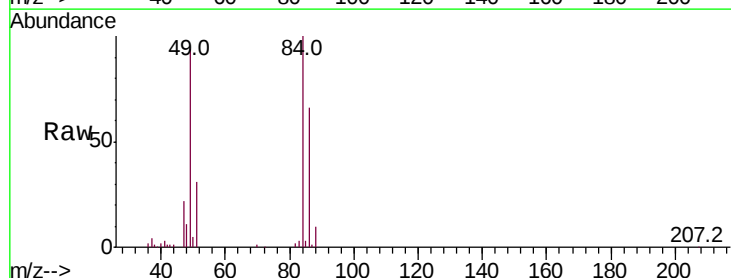
Ion Ratio Lower Upper

84 100

49 94.1 77.0 115.4

51 31.5 25.4 38.2

86 65.7 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

80000

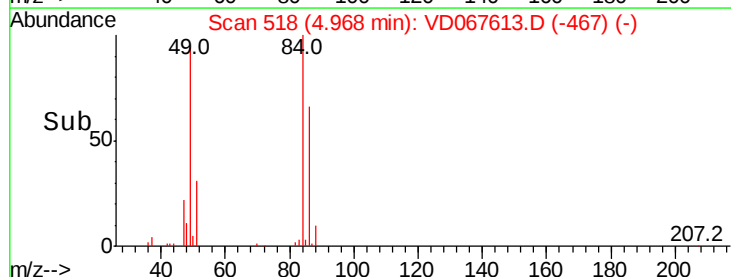
60000

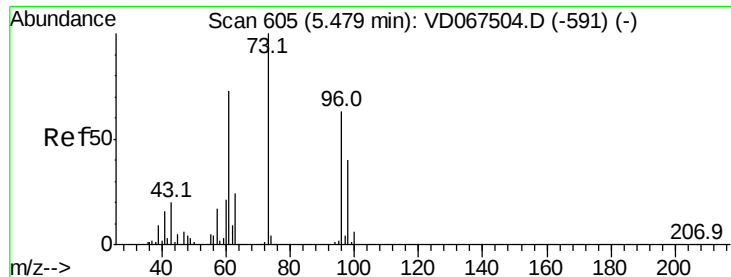
40000

20000

0

Time--> 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 49.532 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

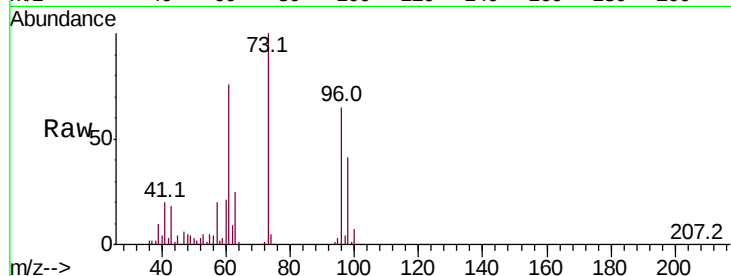
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 173717

Ion	Ratio	Lower	Upper
96	100		
61	116.2	93.0	139.6
98	62.6	50.9	76.3

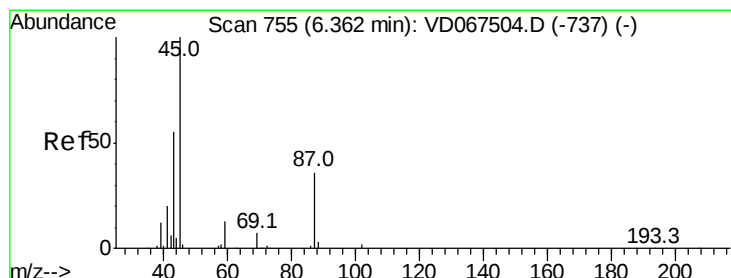
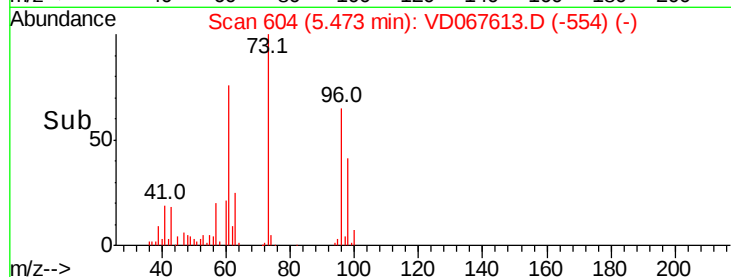
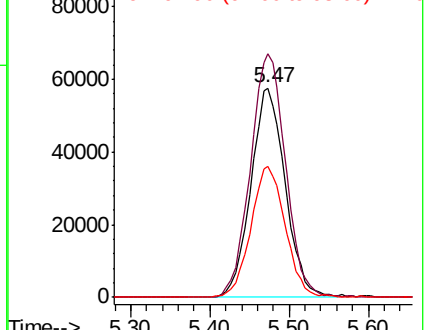


Abundance

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: 58.026 ug/l

RT: 6.36 min Scan# 755

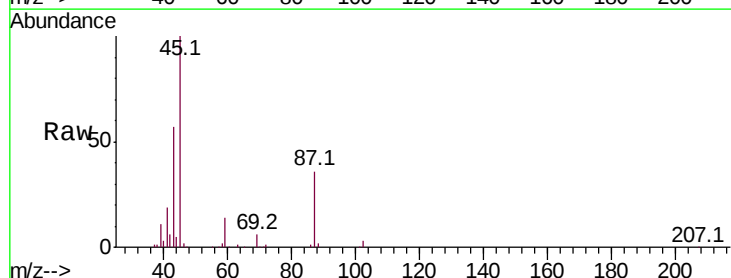
Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion: 45 Resp: 364413

Ion	Ratio	Lower	Upper
45	100		
43	55.6	46.2	69.4
87	36.0	29.4	44.2
59	13.9	10.8	16.2



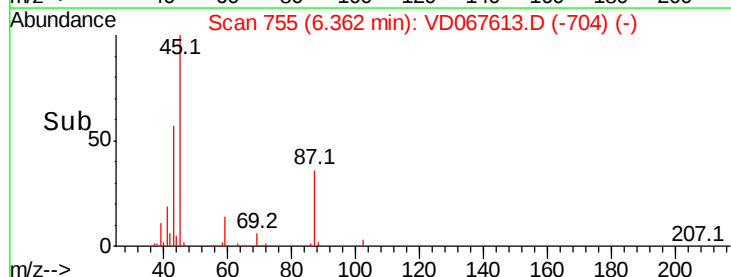
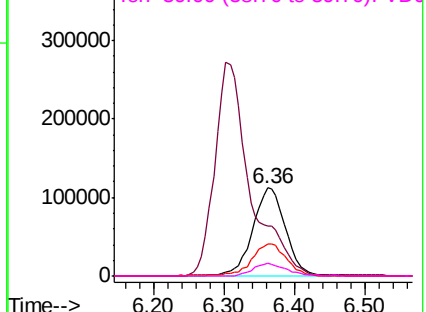
Abundance

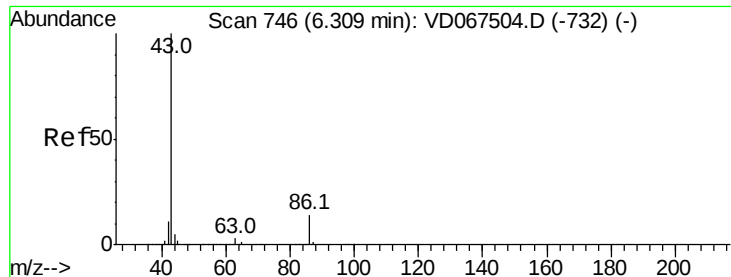
Ion 45.00 (44.70 to 45.70): VDC

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: 289.873 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

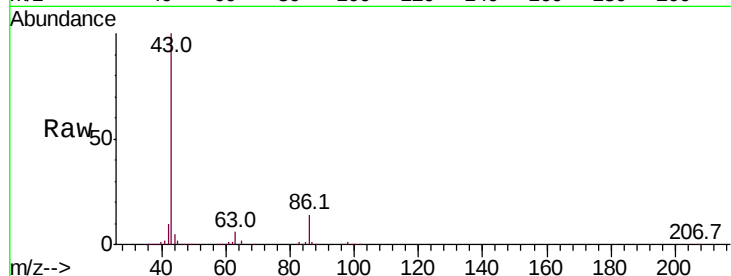
VSTDCCC050EC

Tot Ion: 43 Resp: 952907

Ion Ratio Lower Upper

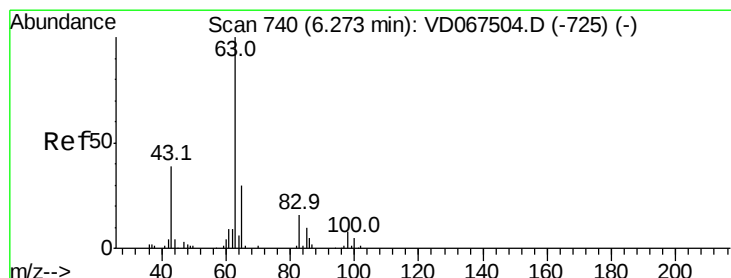
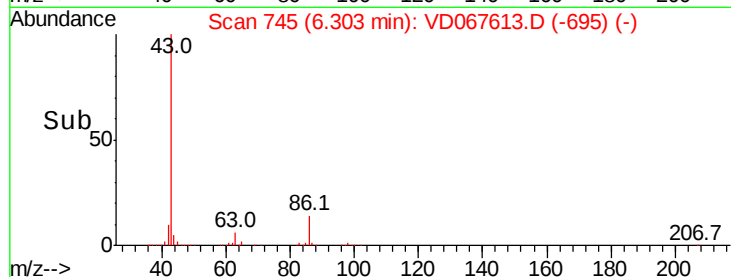
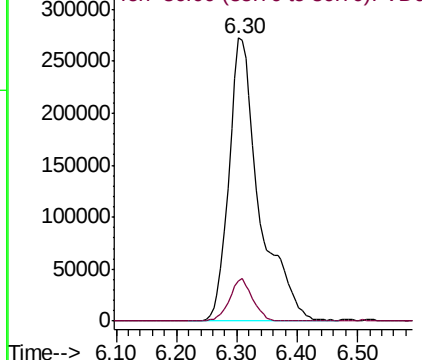
43 100

86 14.2 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.754 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

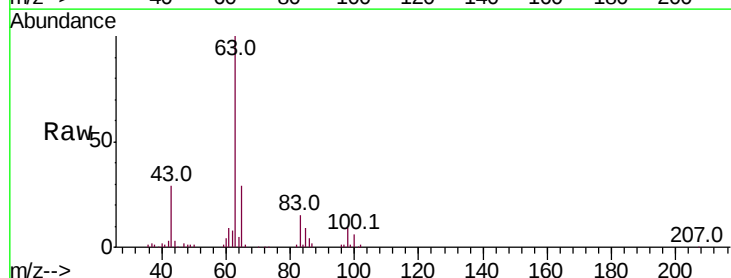
Tgt Ion: 63 Resp: 260756

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

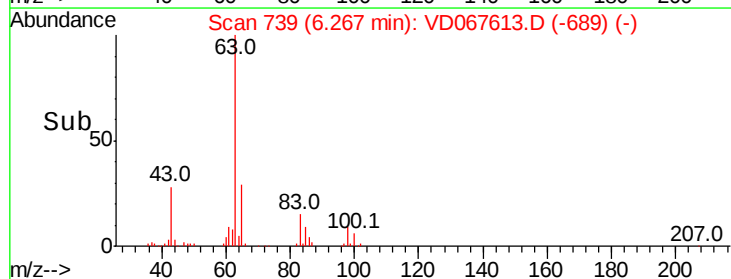
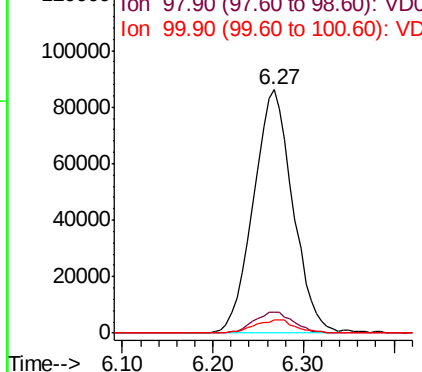
100 5.5 2.6 7.8

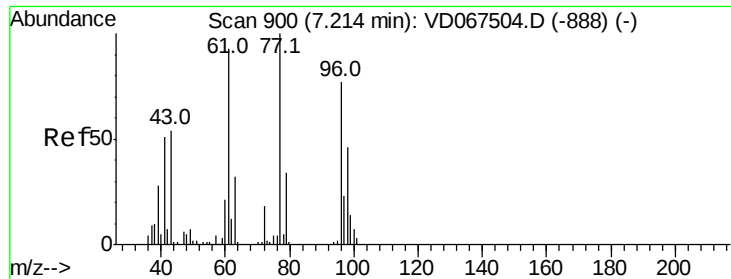


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 289.199 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

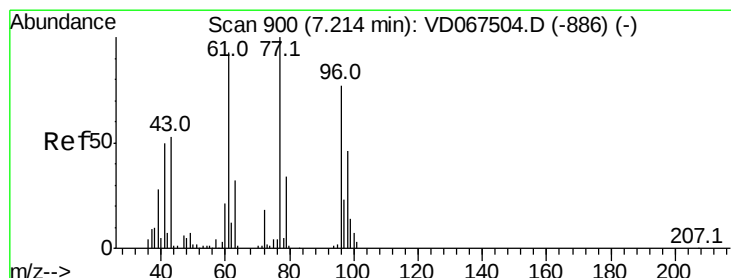
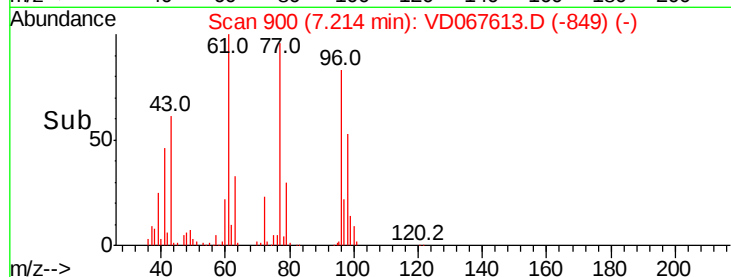
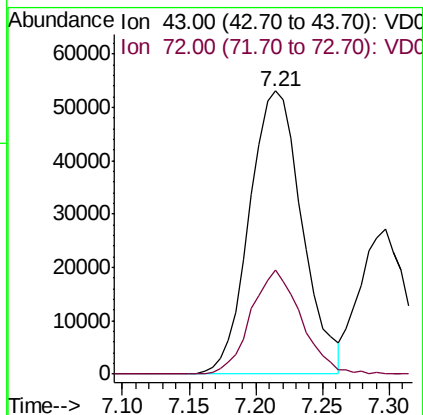
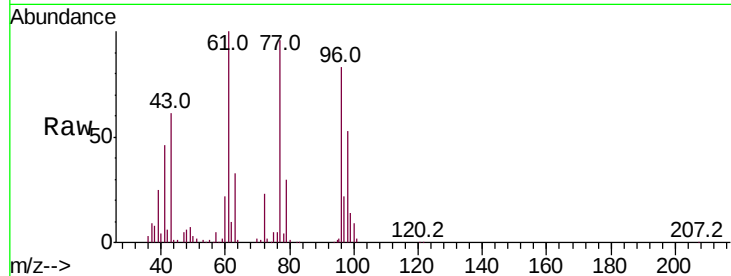
VSTDCCC050EC

Tot Ion: 43 Resp: 145873

Ion Ratio Lower Upper

43 100

72 37.0 26.4 39.6



#26

2,2-Dichloropropane

Concen: 45.371 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067613.D

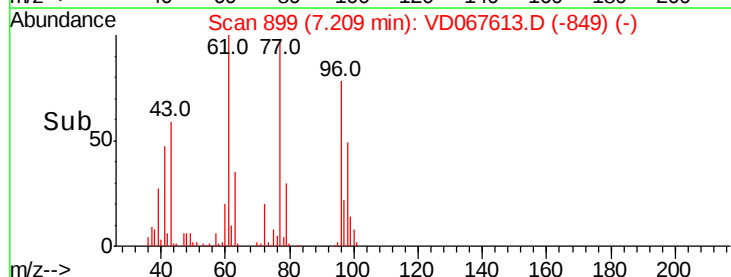
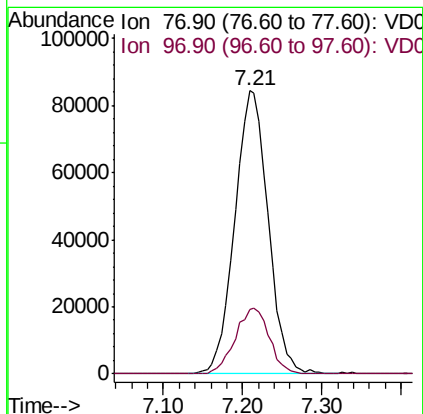
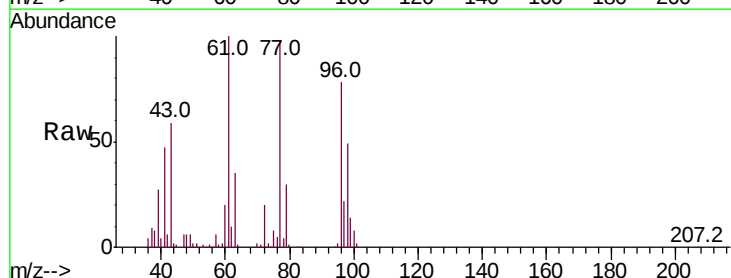
Acq: 11 Nov 2020 20:09

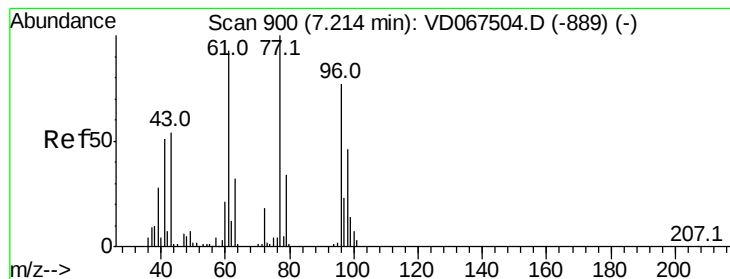
Tgt Ion: 77 Resp: 246017

Ion Ratio Lower Upper

77 100

97 23.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 52.214 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

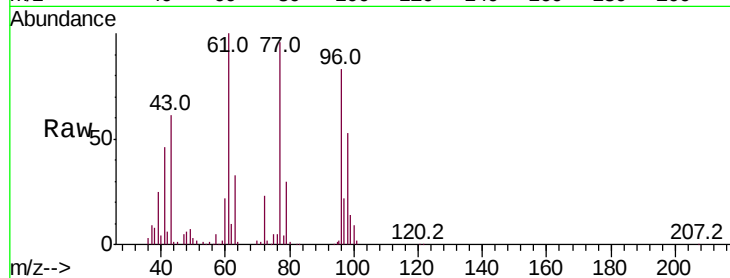
Tot Ion: 96 Resp: 190074

Ion Ratio Lower Upper

96 100

61 125.1 0.0 251.6

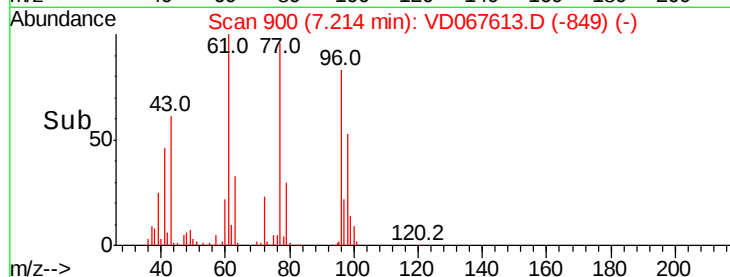
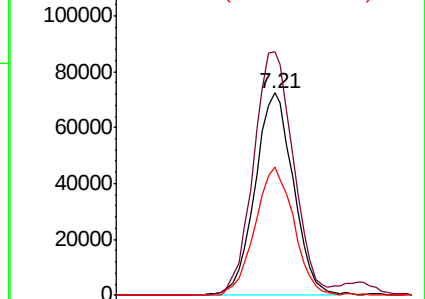
98 64.3 0.0 128.0



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: 55.085 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

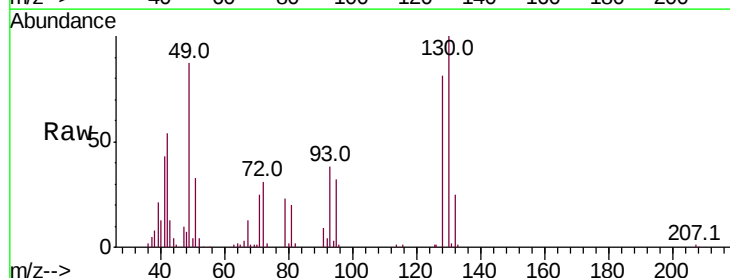
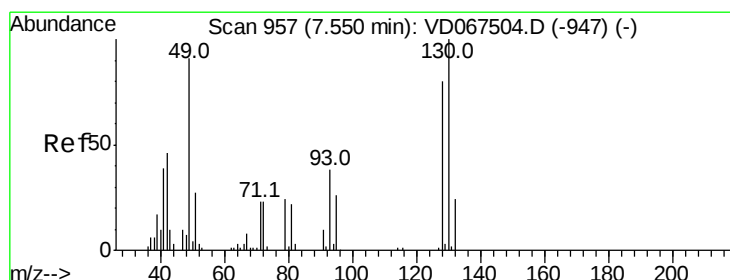
Tgt Ion: 49 Resp: 100668

Ion Ratio Lower Upper

49 100

129 0.3 0.0 6.4

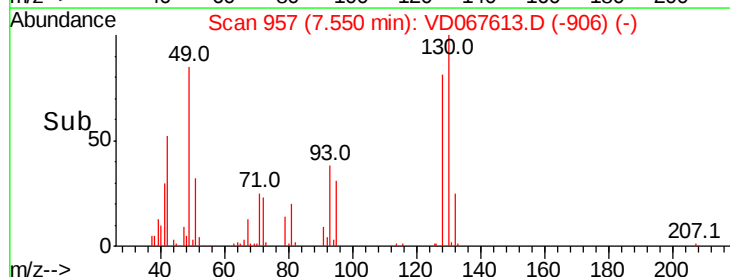
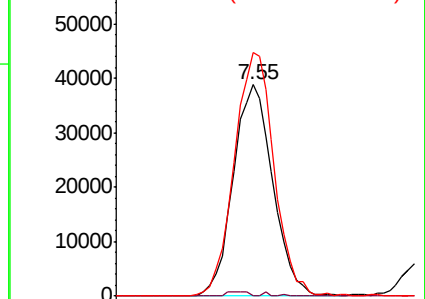
130 115.4 94.6 142.0

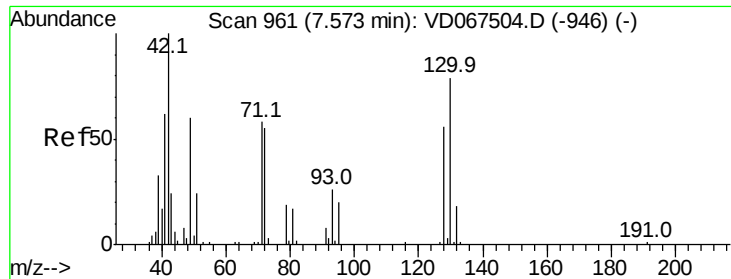


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

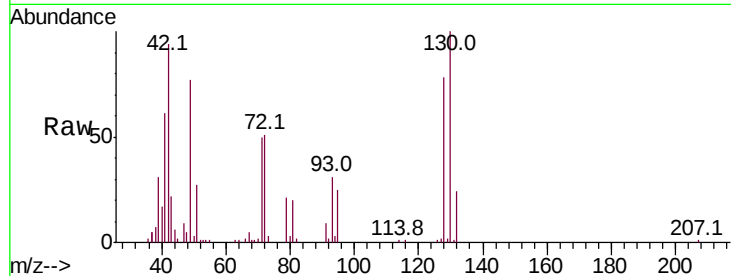




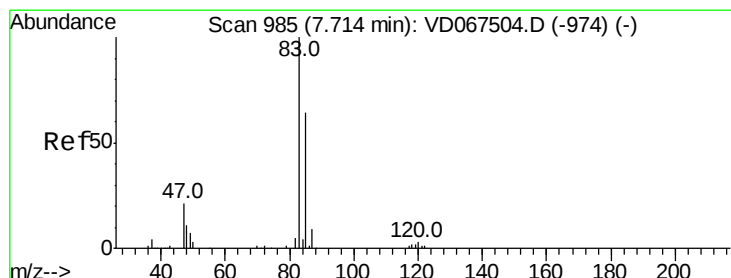
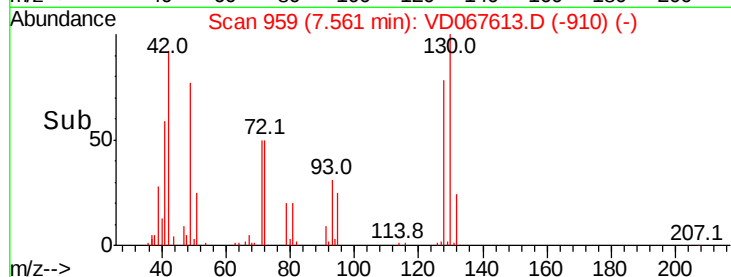
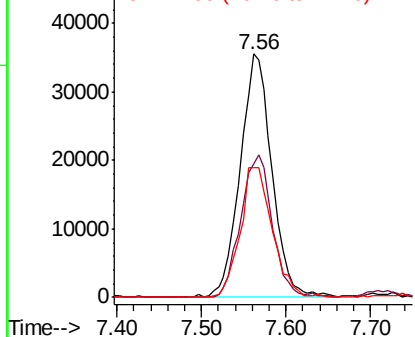
#29
Tetrahydrofuran
Concen: 307.295 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 92846
Ion Ratio Lower Upper
42 100
72 57.5 46.3 69.5
71 53.8 44.0 66.0

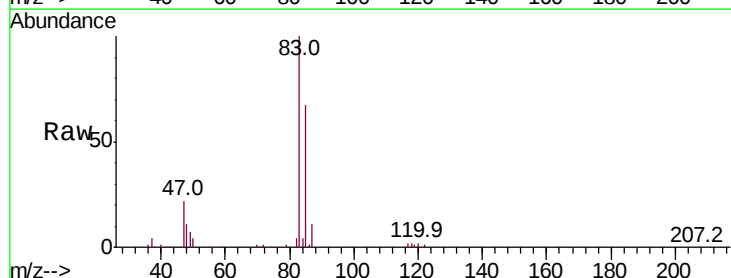


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

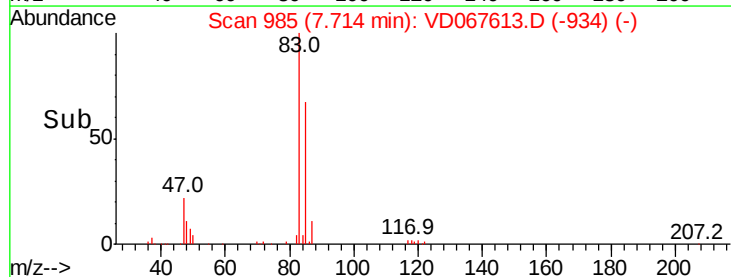
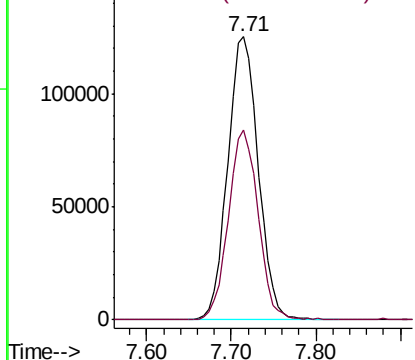


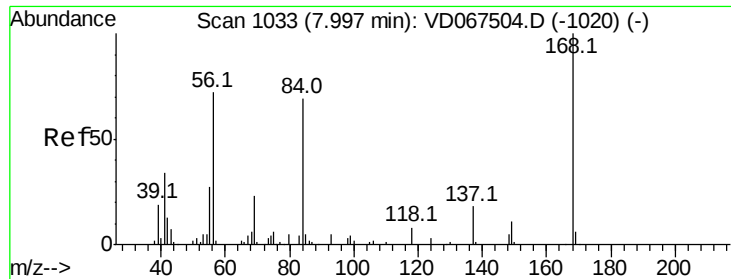
#30
Chloroform
Concen: 50.867 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 83 Resp: 311779
Ion Ratio Lower Upper
83 100
85 67.2 51.5 77.3



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

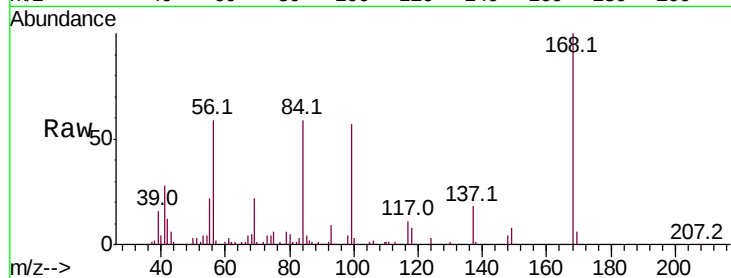




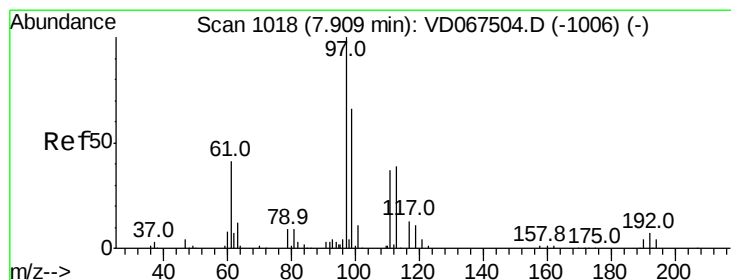
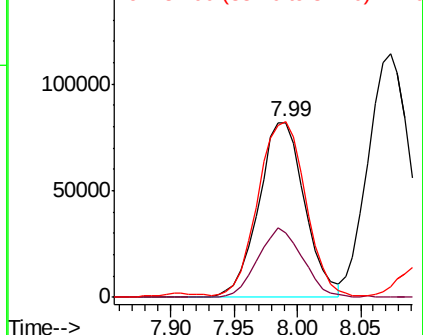
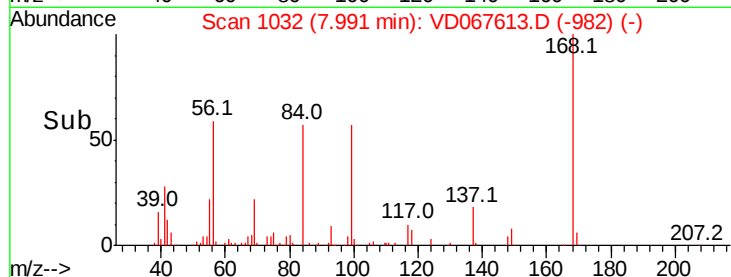
#31
Cyclohexane
Concen: 45.325 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 207370
Ion Ratio Lower Upper
56 100
69 36.8 25.9 38.9
84 98.9 76.2 114.4

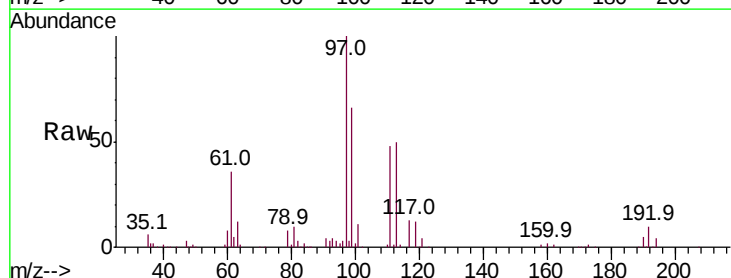


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

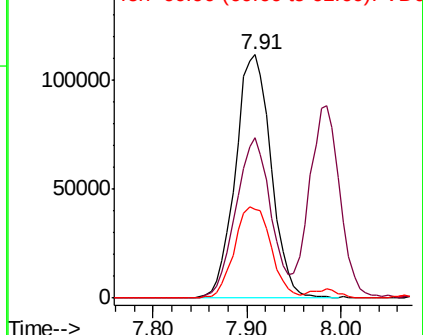
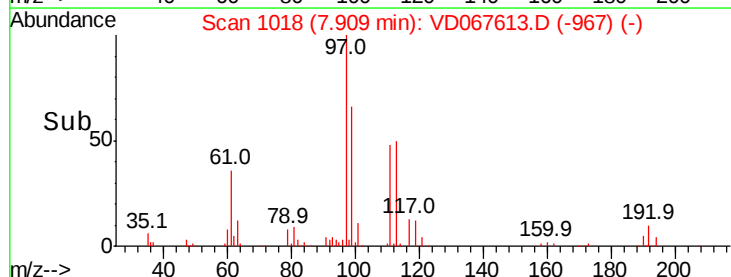


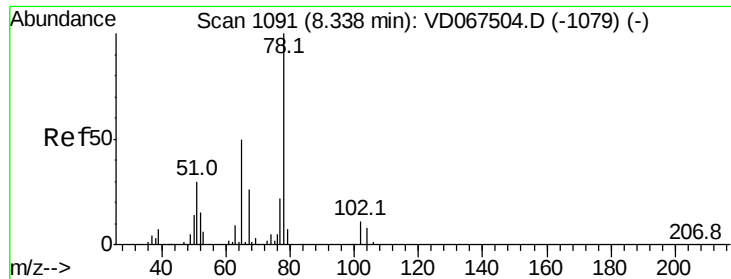
#32
1,1,1-Trichloroethane
Concen: 46.450 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 97 Resp: 293752
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 38.4 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 45.348 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

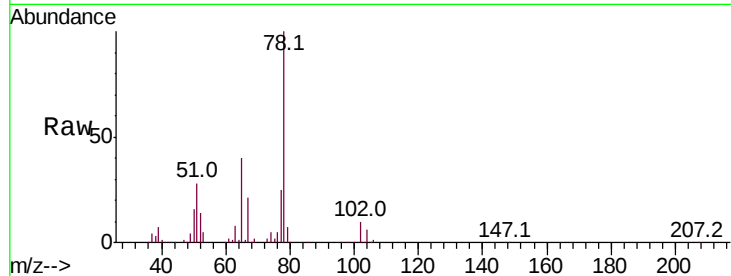
VSTDCCC050EC

Tot Ion: 65 Resp: 143052

Ion Ratio Lower Upper

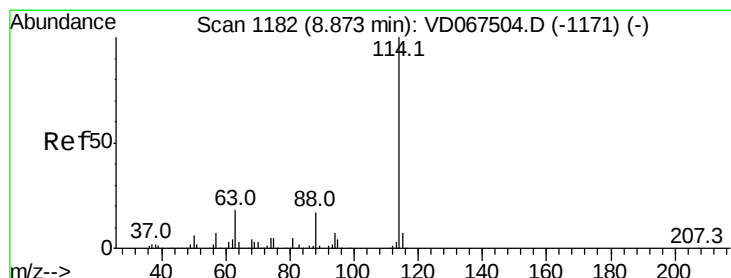
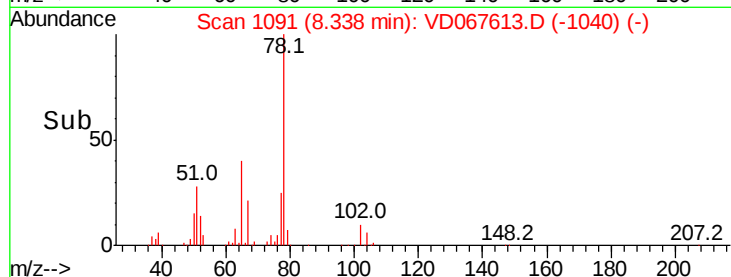
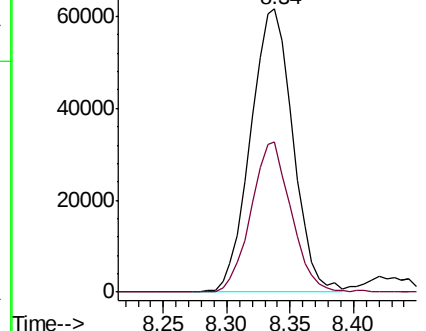
65 100

67 50.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

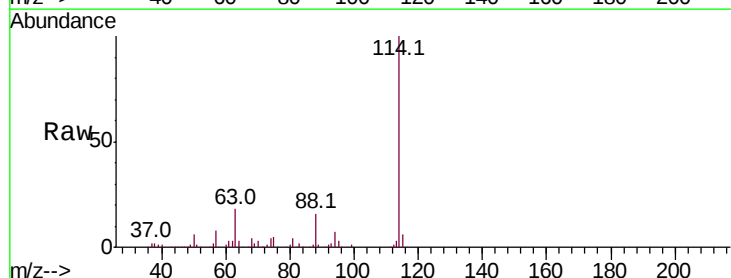
Tgt Ion: 114 Resp: 545425

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

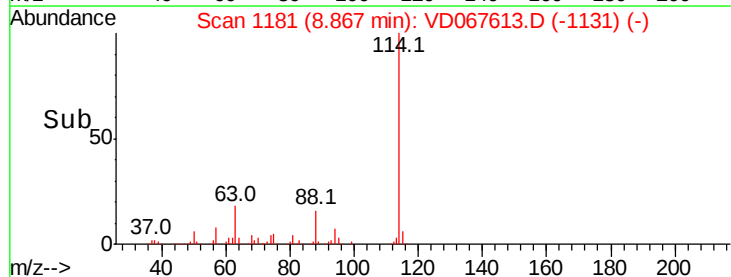
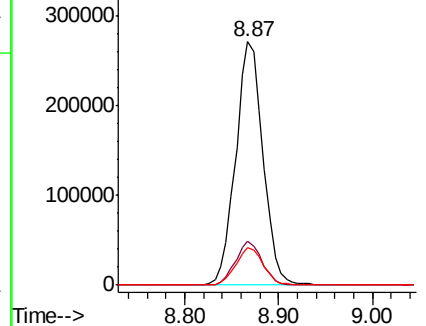
88 15.6 0.0 33.0

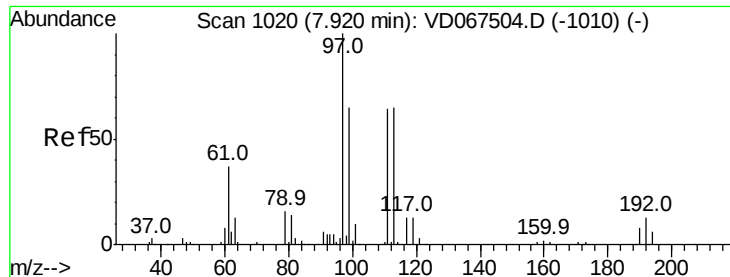


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

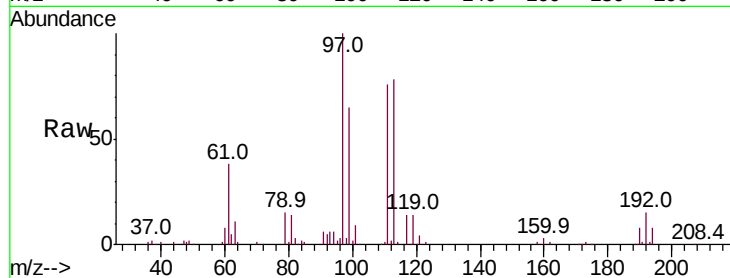




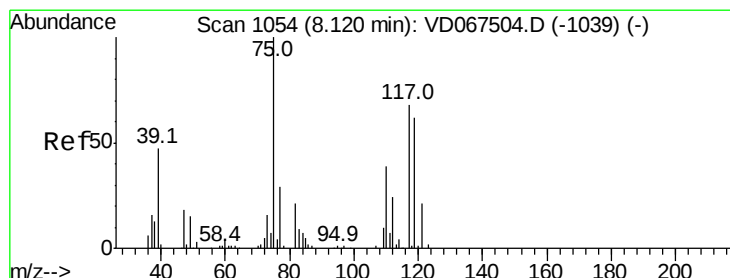
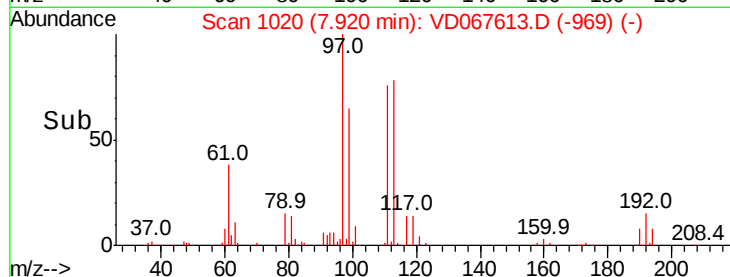
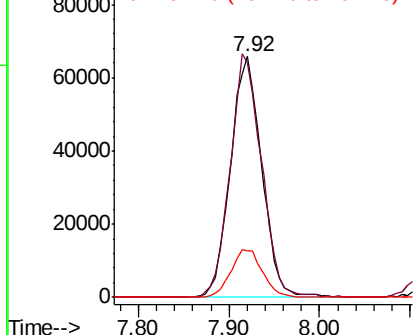
#35
 Dibromofluoromethane
 Concen: 48.063 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 157944
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.0 120.0
 192 20.0 16.3 24.5

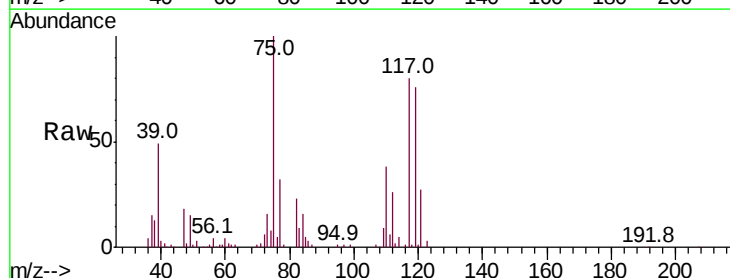


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

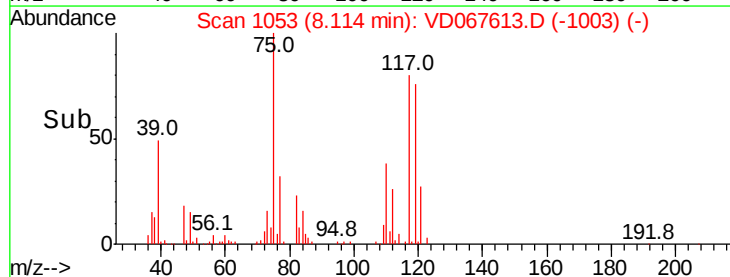
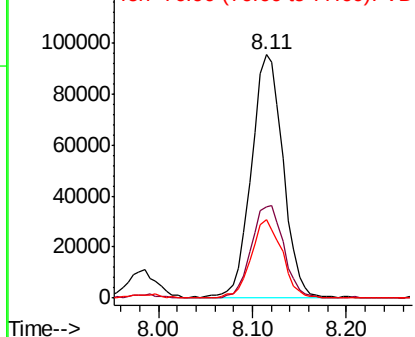


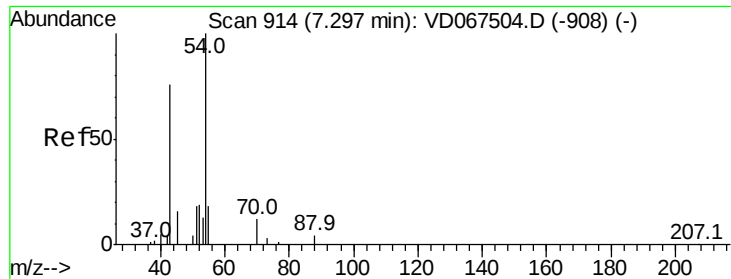
#36
 1,1-Dichloropropene
 Concen: 47.677 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 75 Resp: 222592
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.9 59.7
 77 31.5 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

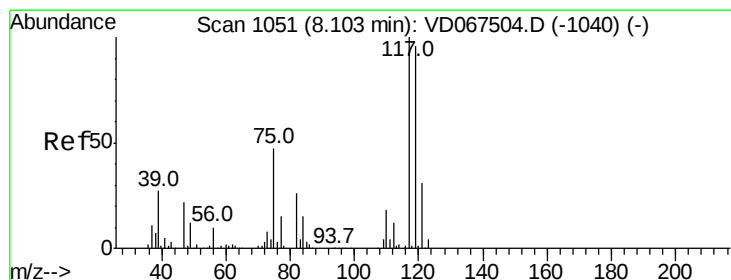
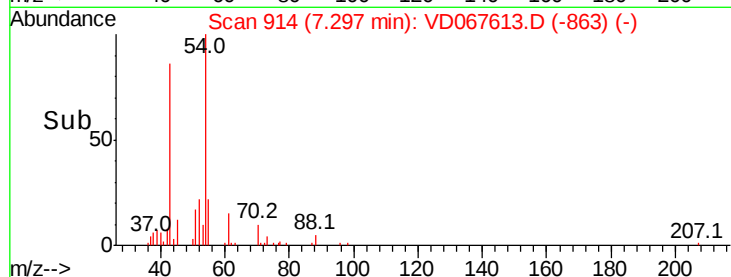
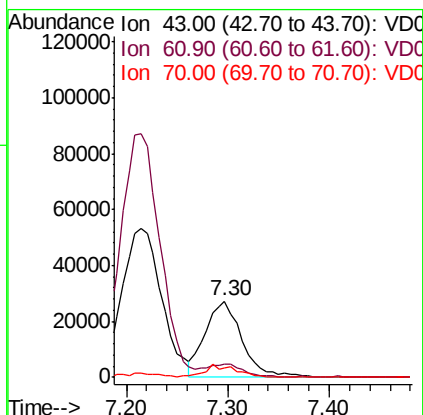
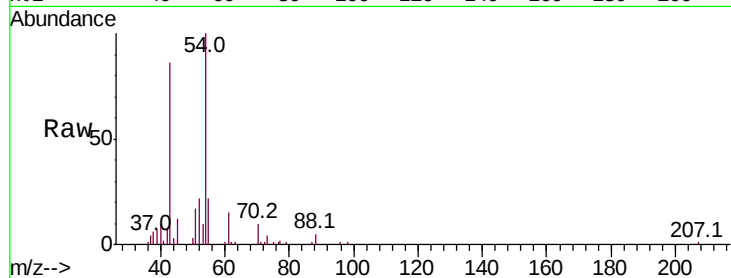




#37
Ethyl Acetate
Concen: 56.589 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

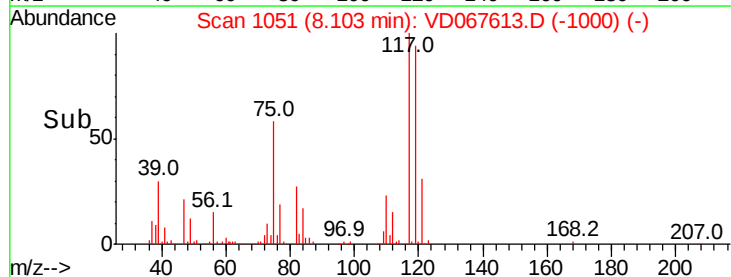
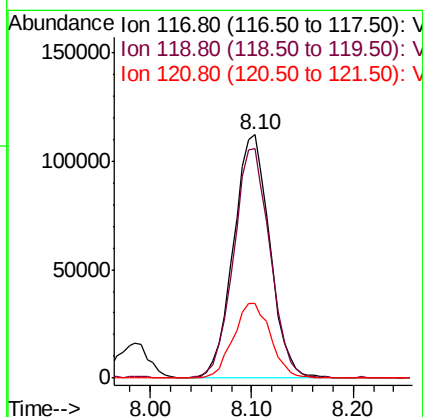
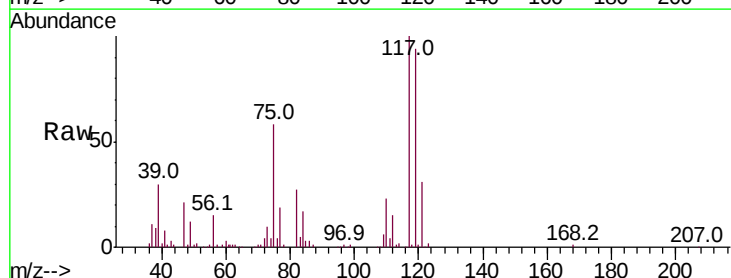
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

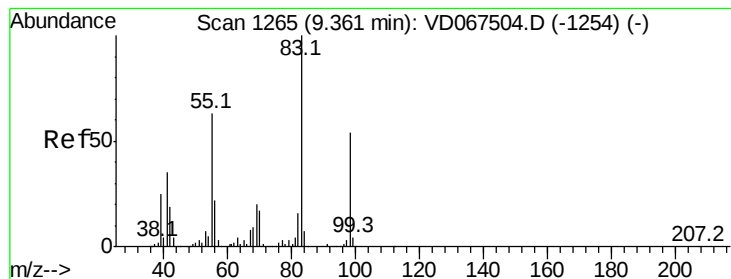
Tot Ion: 43 Resp: 68591
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 14.0 11.7 17.5



#38
Carbon Tetrachloride
Concen: 45.635 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 117 Resp: 276820
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3
121 30.6 24.5 36.7





#39

Methvlcvclohexane

Concen: 47.909 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

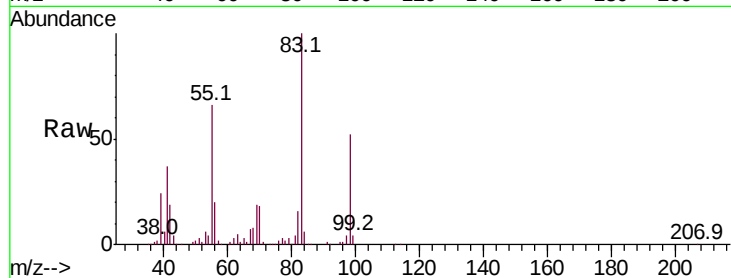
Tot Ion: 83 Resp: 263261

Ion Ratio Lower Upper

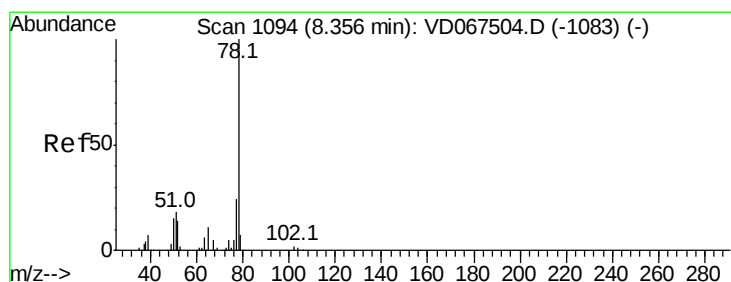
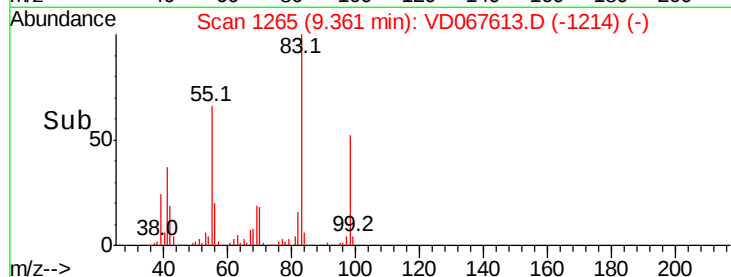
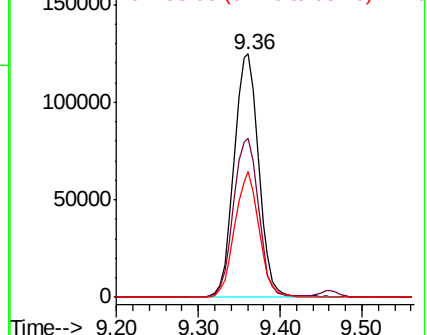
83 100

55 65.5 50.5 75.7

98 51.7 43.4 65.0



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



#40

Benzene

Concen: 50.754 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD067613.D

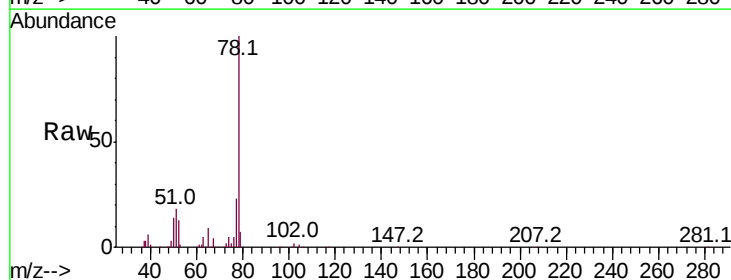
Acq: 11 Nov 2020 20:09

Tgt Ion: 78 Resp: 641865

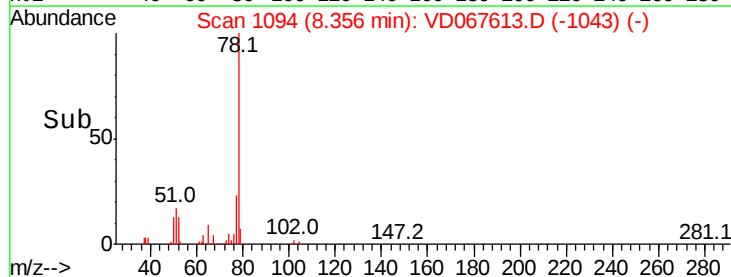
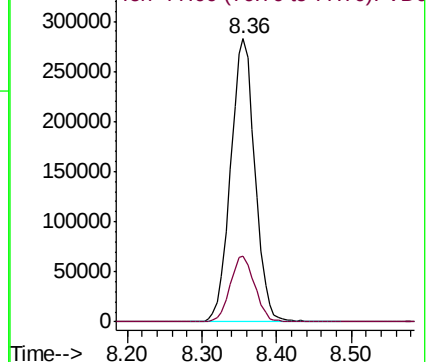
Ion Ratio Lower Upper

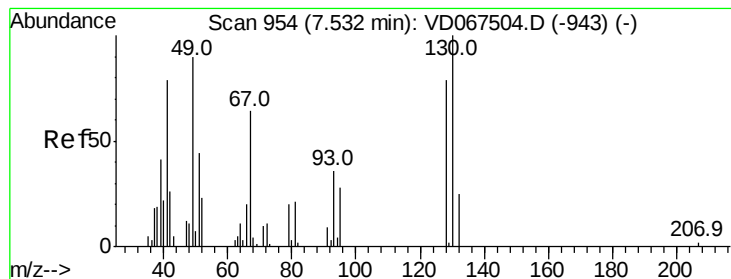
78 100

77 23.1 19.1 28.7



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





#41

Methacrylonitrile

Concen: 55.240 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 40023

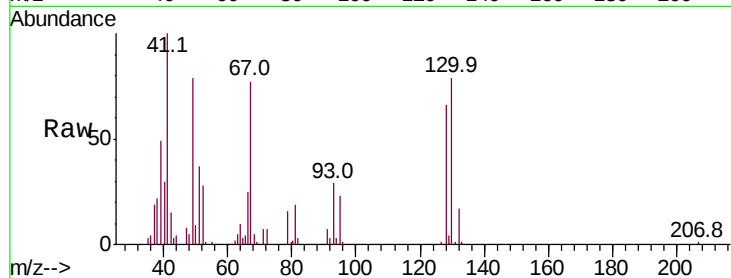
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 94.2 78.9 118.3

52 35.5 31.4 47.2

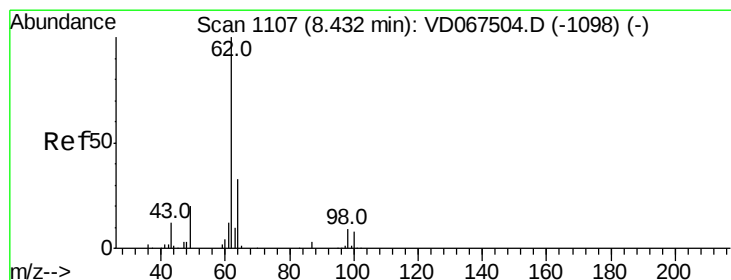
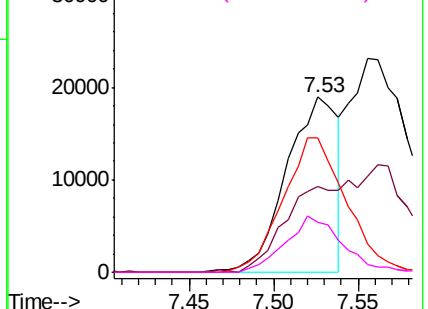
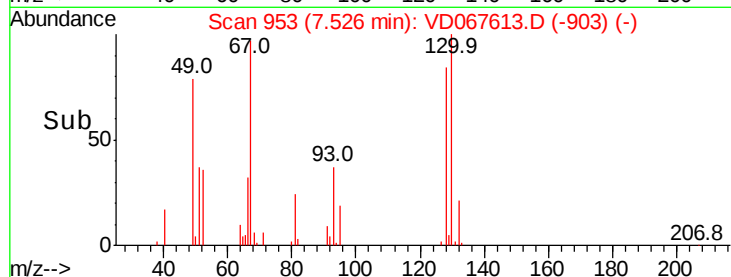


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 49.326 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067613.D

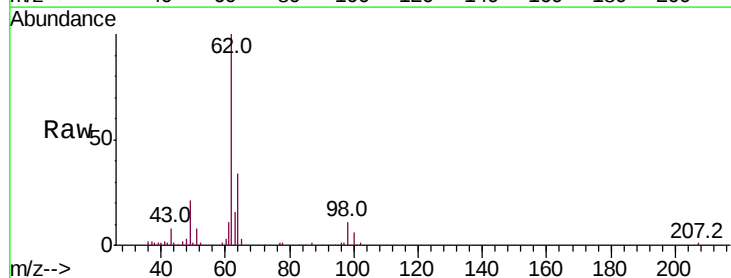
Acq: 11 Nov 2020 20:09

Tgt Ion: 62 Resp: 192734

Ion Ratio Lower Upper

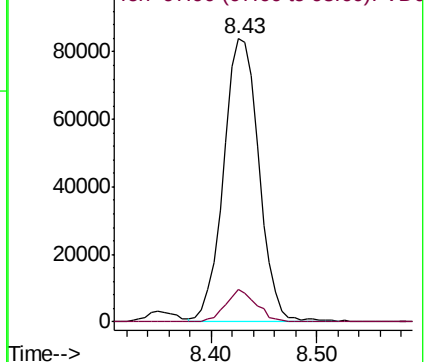
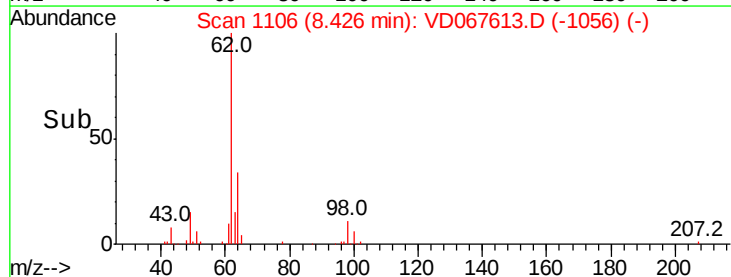
62 100

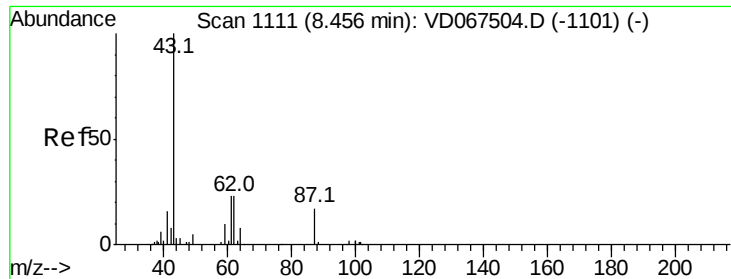
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 56.508 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

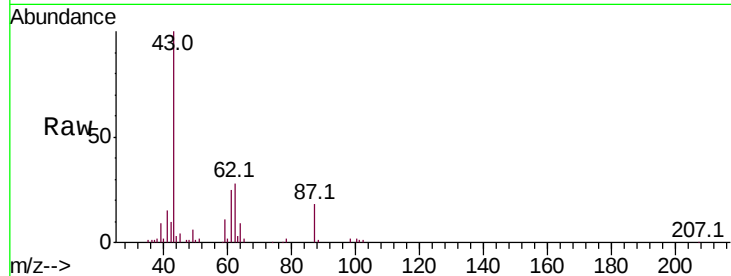
Tot Ion: 43 Resp: 135458

Ion Ratio Lower Upper

43 100

61 37.4 30.5 45.7

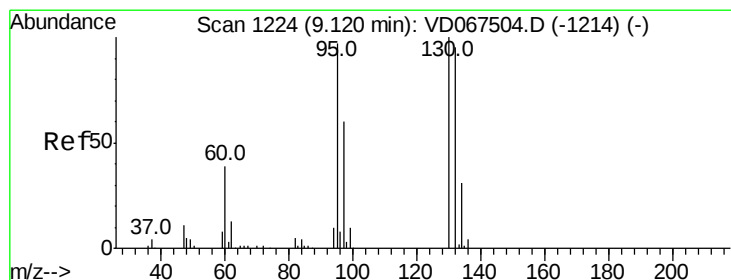
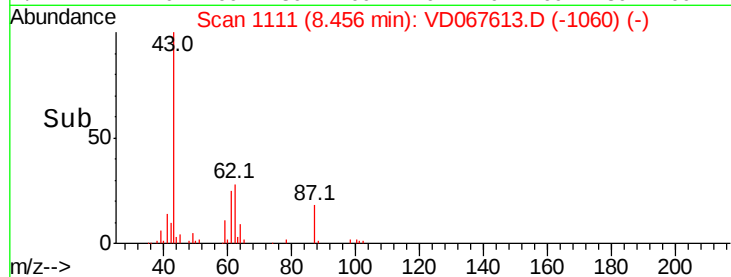
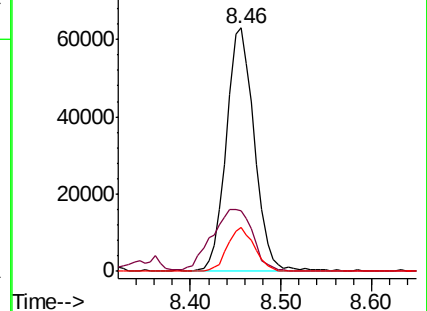
87 17.2 14.7 22.1



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: 48.366 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067613.D

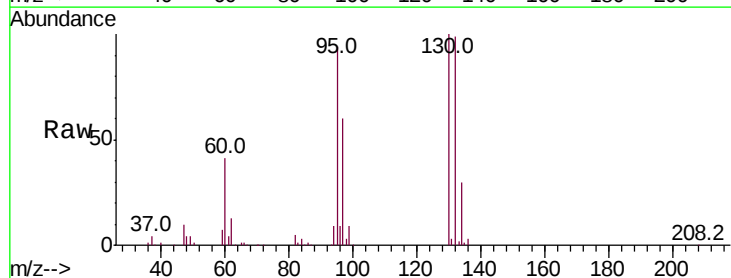
Acq: 11 Nov 2020 20:09

Tgt Ion:130 Resp: 201121

Ion Ratio Lower Upper

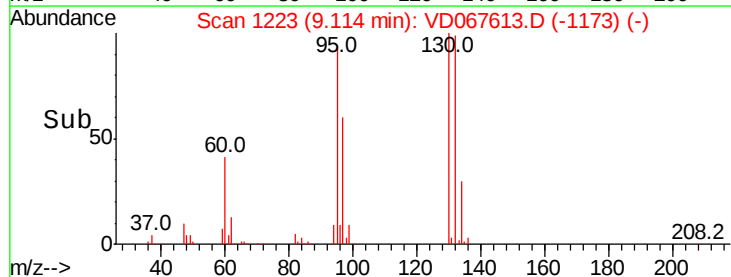
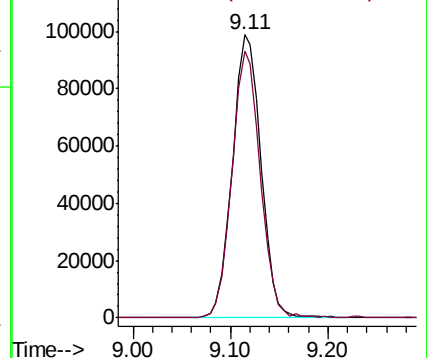
130 100

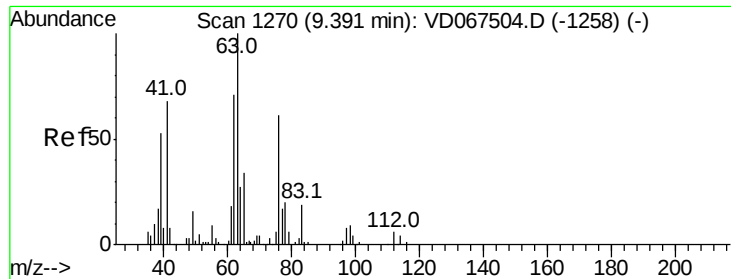
95 94.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

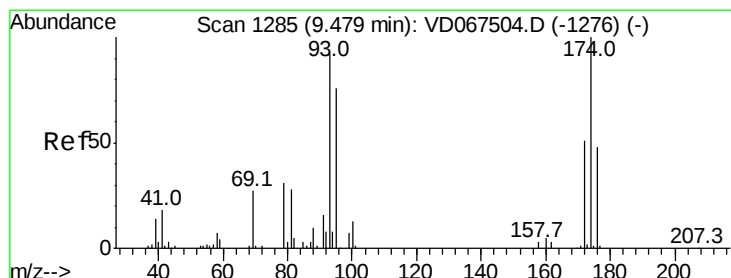
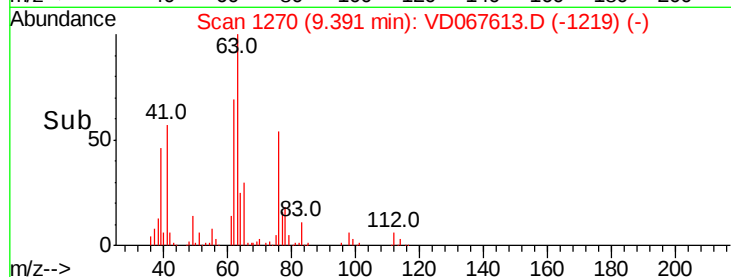
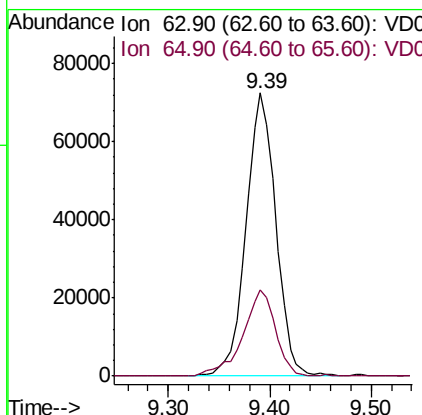
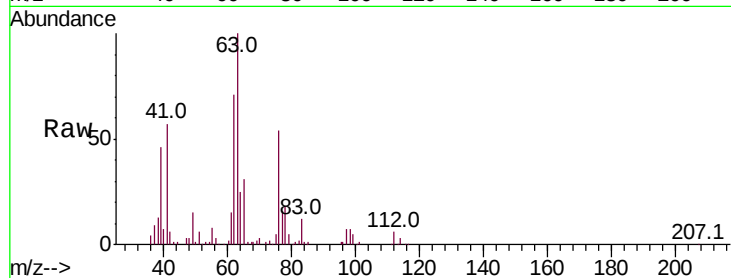




#45
 1,2-Dichloropropane
 Concen: 54.050 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

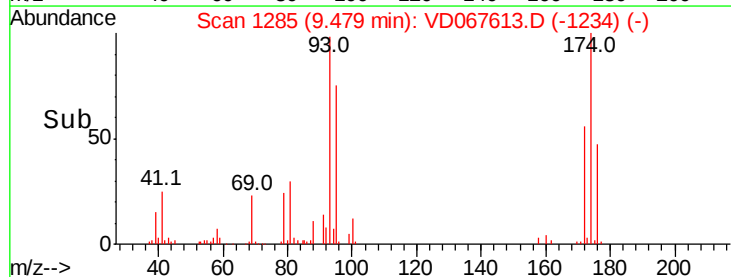
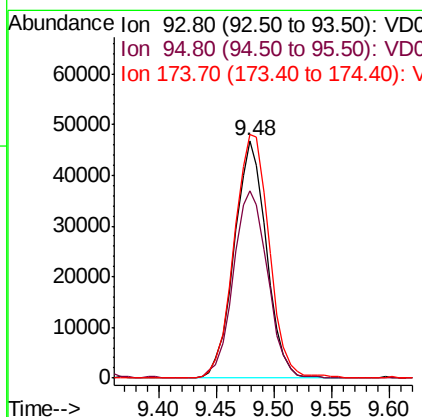
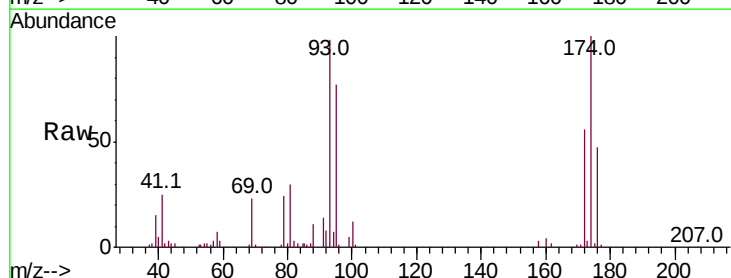
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

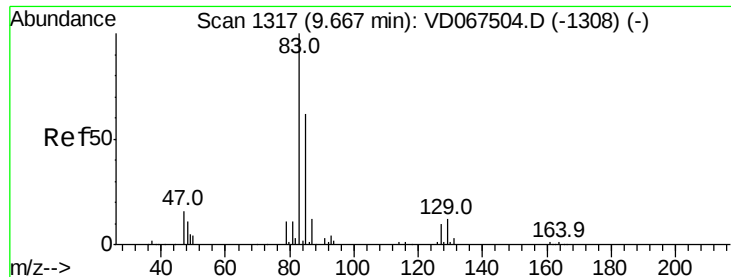
Tot Ion: 63 Resp: 147787
 Ion Ratio Lower Upper
 63 100
 65 30.6 26.9 40.3



#46
 Dibromomethane
 Concen: 51.910 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 93 Resp: 90246
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 111.8 88.2 132.4





#47

Bromodichloromethane

Concen: 51.306 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

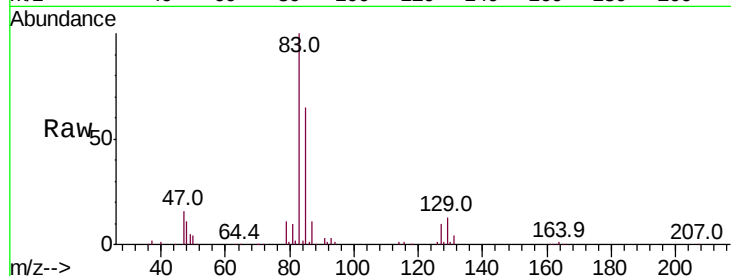
Tot Ion: 83 Resp: 242438

Ion Ratio Lower Upper

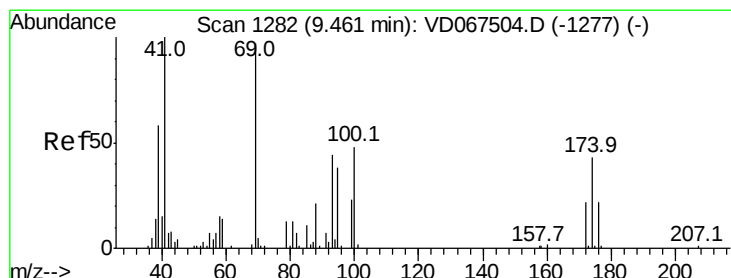
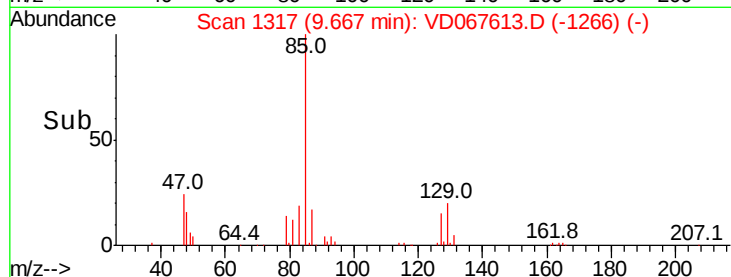
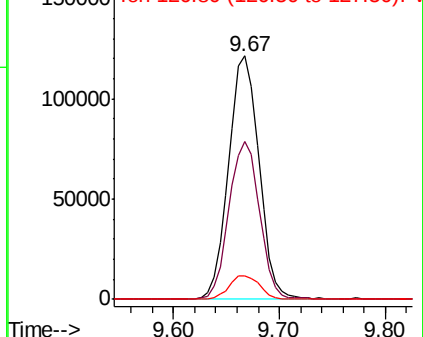
83 100

85 65.0 49.4 74.2

127 9.5 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: 53.485 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

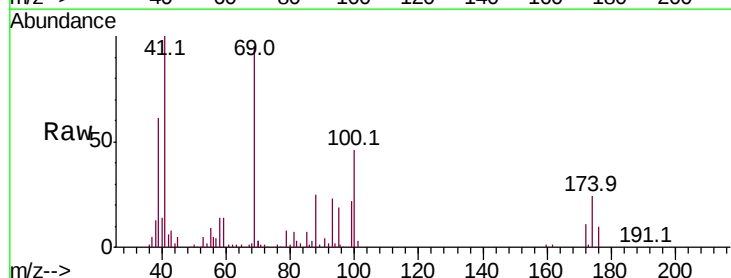
Tgt Ion: 41 Resp: 66198

Ion Ratio Lower Upper

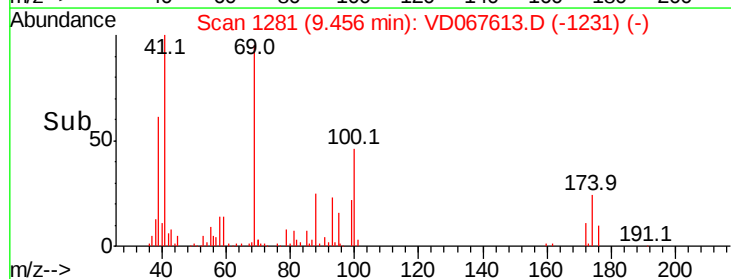
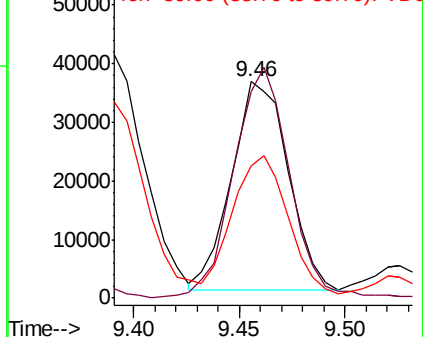
41 100

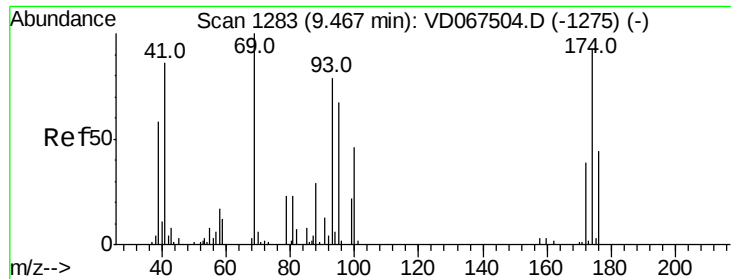
69 110.2 80.6 121.0

39 64.0 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: 1134.740 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

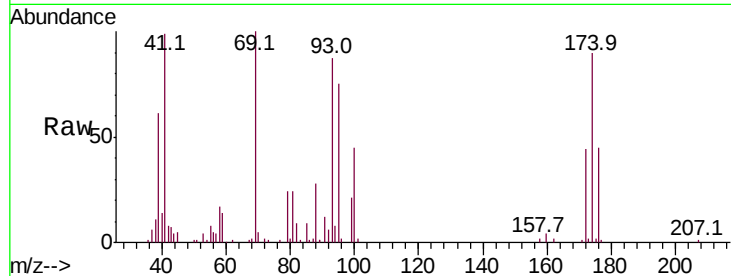
Tot Ion: 88 Resp: 20027

Ion Ratio Lower Upper

88 100

43 33.5 23.6 35.4

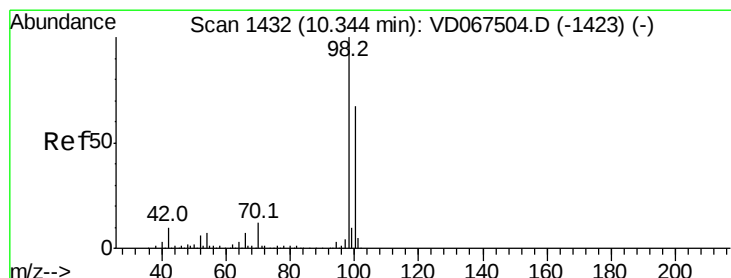
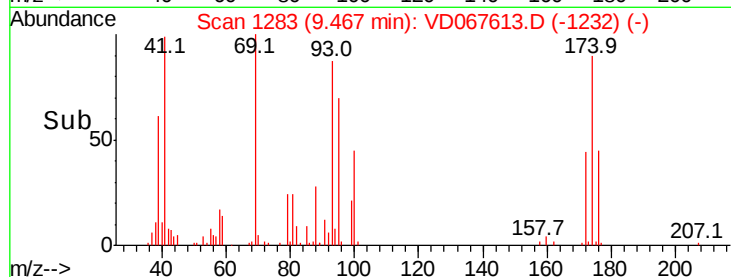
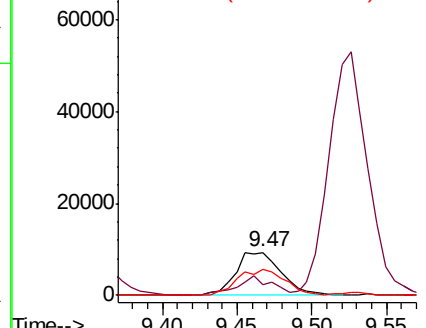
58 63.0 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 46.626 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067613.D

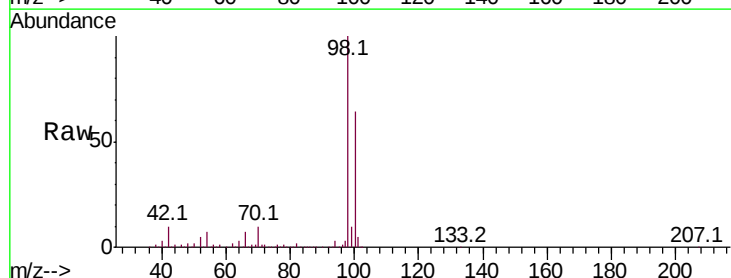
Acq: 11 Nov 2020 20:09

Tgt Ion: 98 Resp: 538456

Ion Ratio Lower Upper

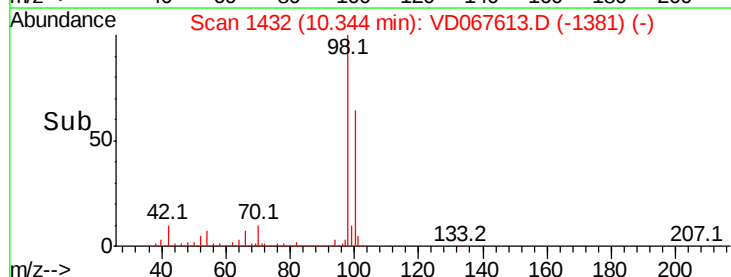
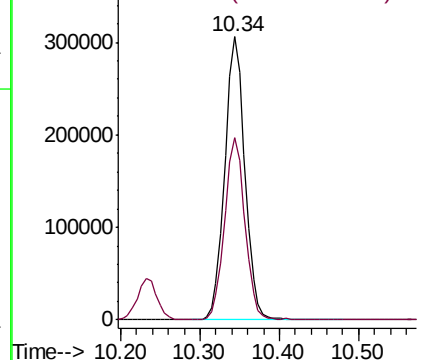
98 100

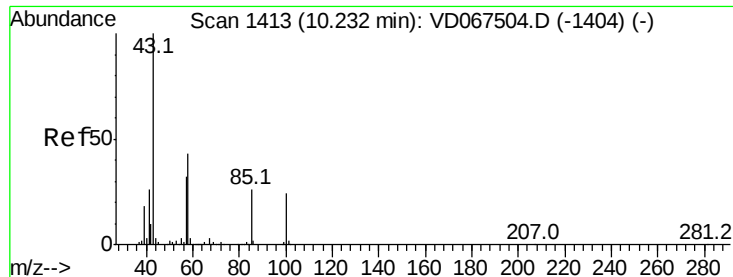
100 65.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 293.217 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

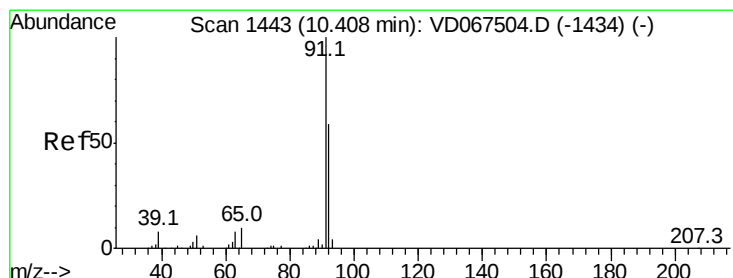
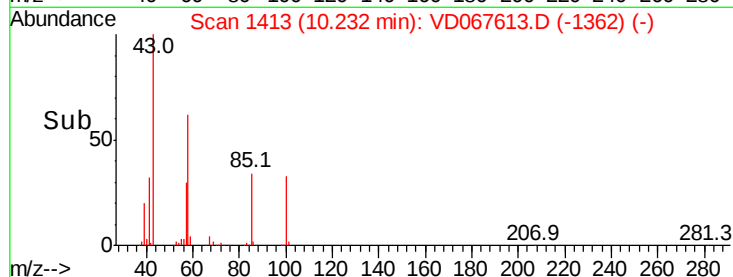
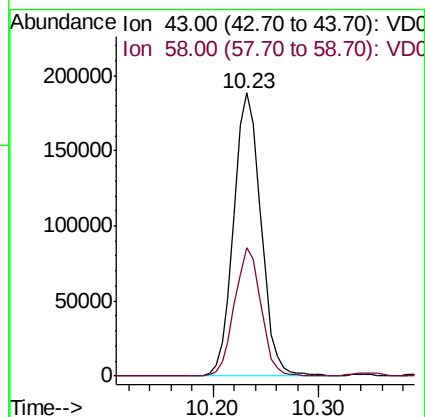
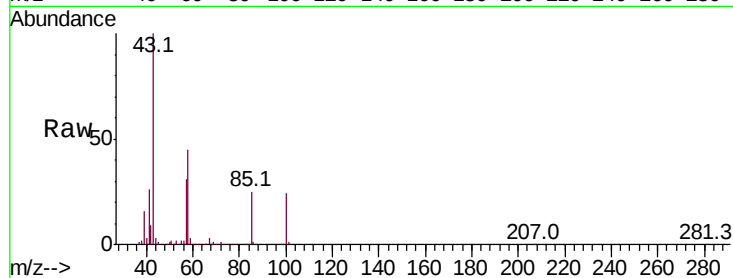
VSTDCCC050EC

Tot Ion: 43 Resp: 336156

Ion Ratio Lower Upper

43 100

58 44.2 35.6 53.4



#52

Toluene

Concen: 52.032 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067613.D

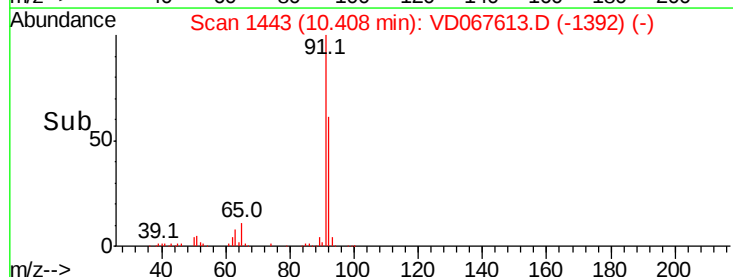
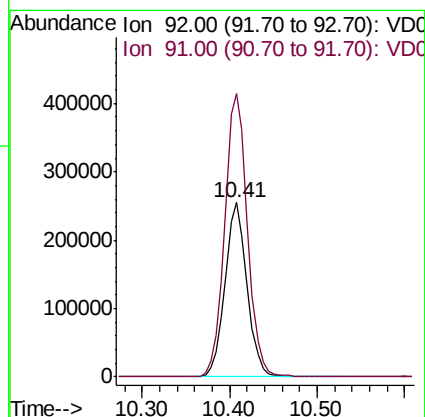
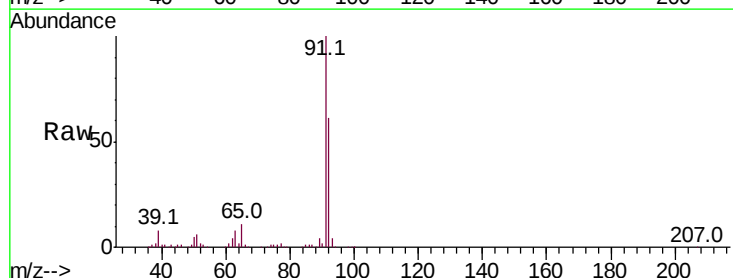
Acq: 11 Nov 2020 20:09

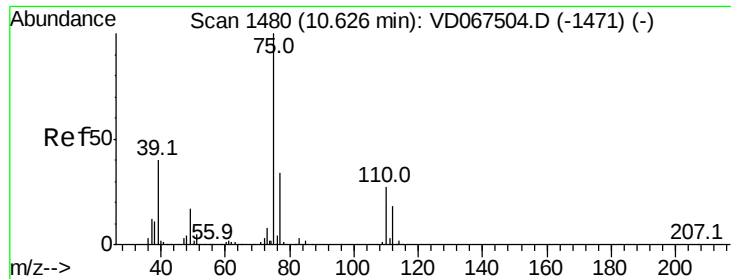
Tgt Ion: 92 Resp: 440747

Ion Ratio Lower Upper

92 100

91 167.9 137.0 205.6

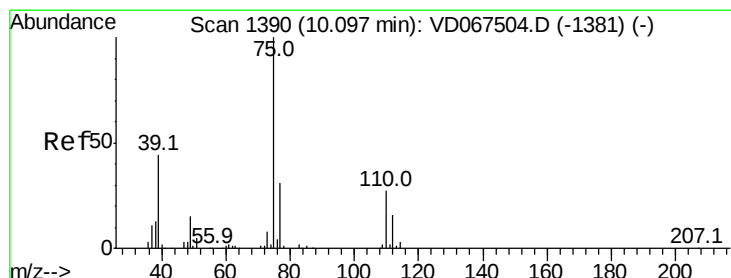
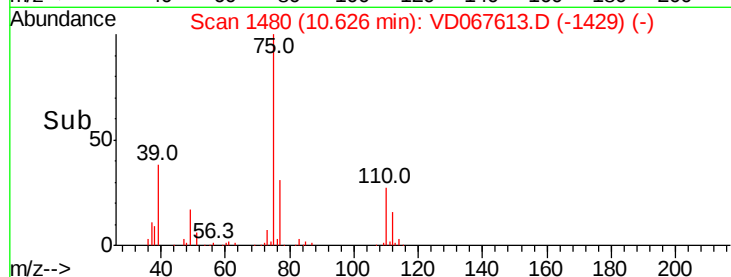
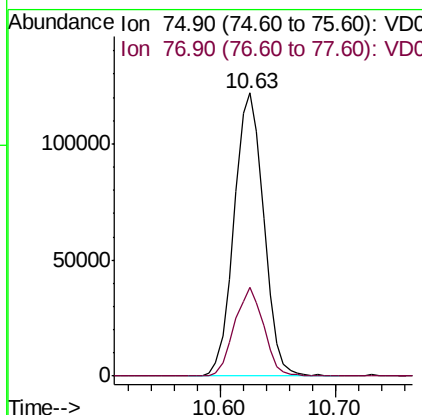
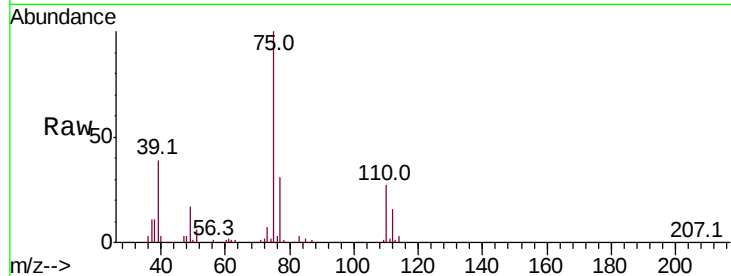




#53
t-1,3-Dichloropropene
Concen: 53.772 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

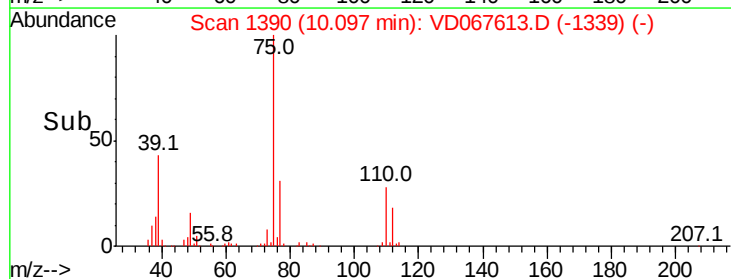
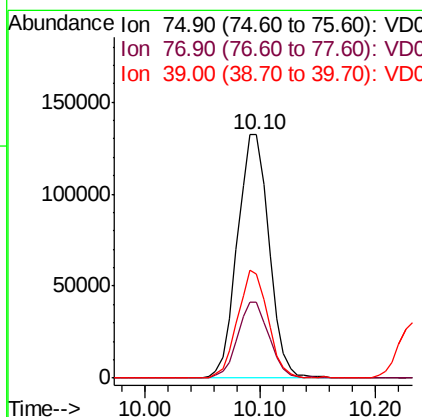
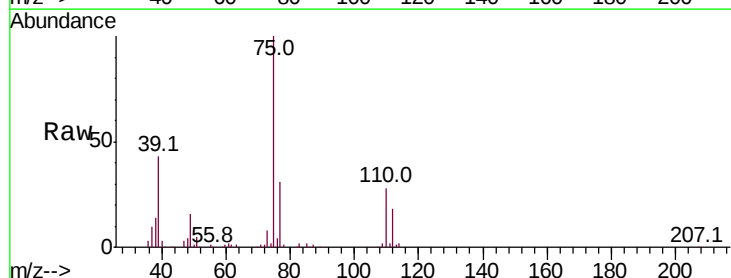
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

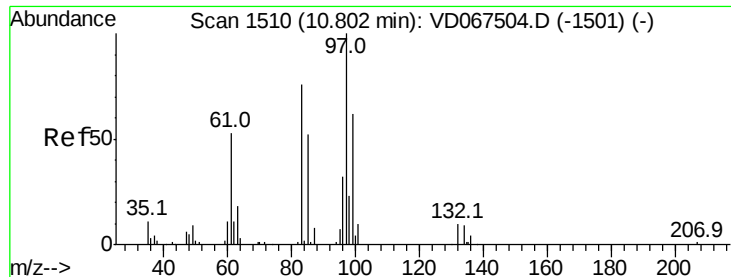
Tot Ion: 75 Resp: 217618
Ion Ratio Lower Upper
75 100
77 31.5 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 52.615 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 75 Resp: 252989
Ion Ratio Lower Upper
75 100
77 31.3 24.4 36.6
39 42.5 35.6 53.4

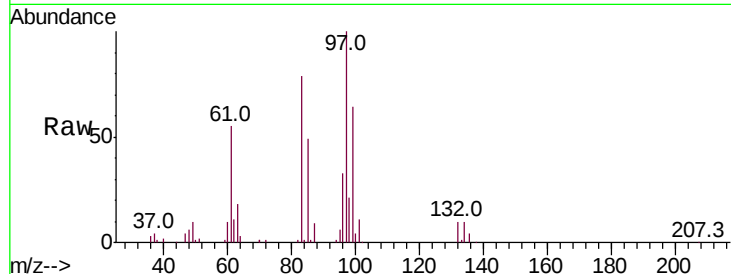




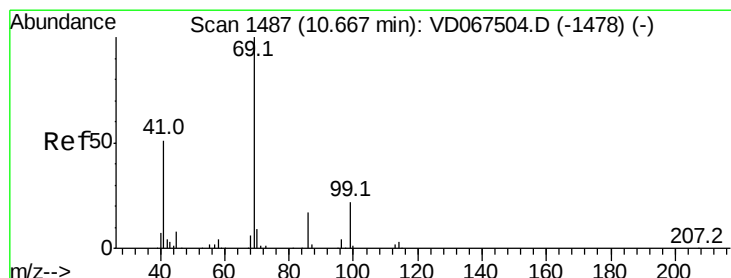
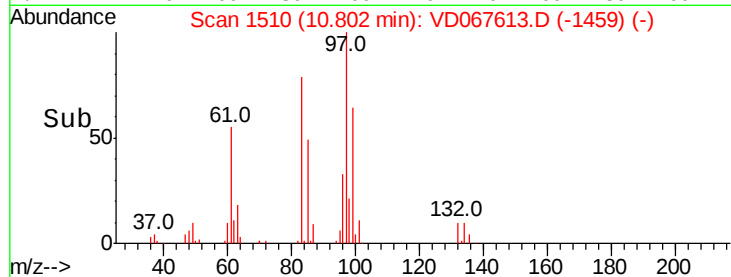
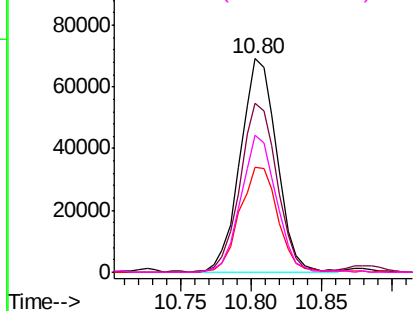
#55
 1,1,2-Trichloroethane
 Concen: 54.576 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	125540
Ion	Ratio	Lower	Upper
97	100		
83	78.9	61.0	91.6
85	49.2	41.5	62.3
99	64.3	49.4	74.2

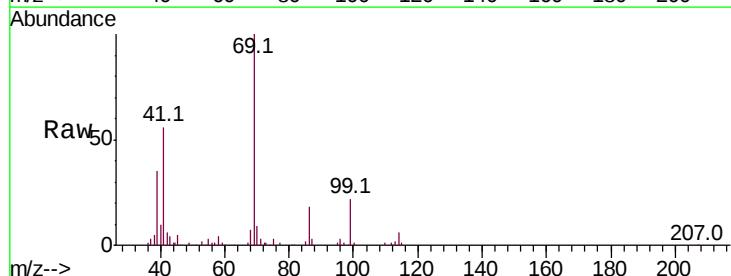


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

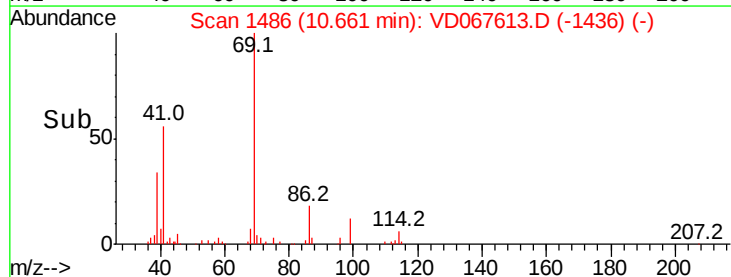
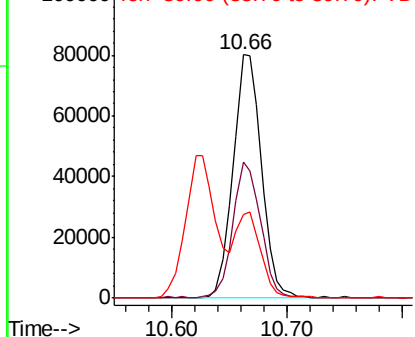


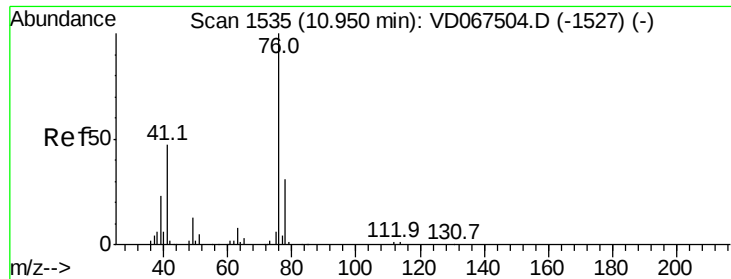
#56
 Ethyl methacrylate
 Concen: 57.546 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion:	69	Resp:	136695
Ion	Ratio	Lower	Upper
69	100		
41	55.2	45.4	68.0
39	30.8	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: 53.334 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

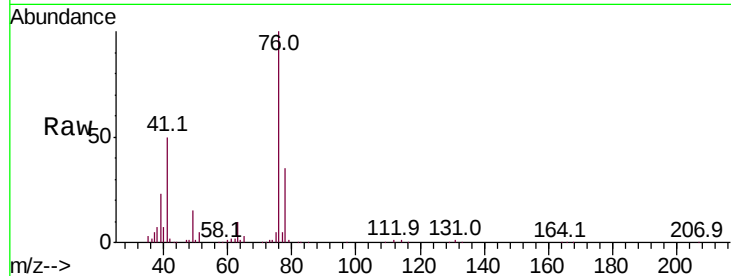
VSTDCCC050EC

Tot Ion: 76 Resp: 197420

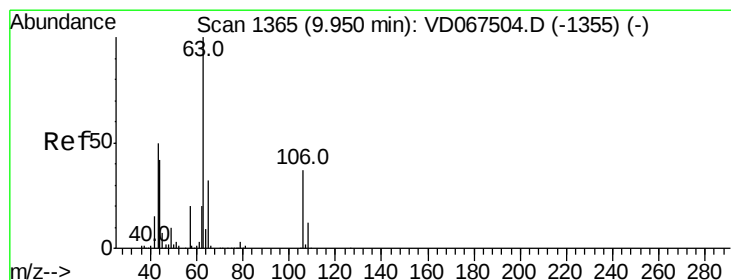
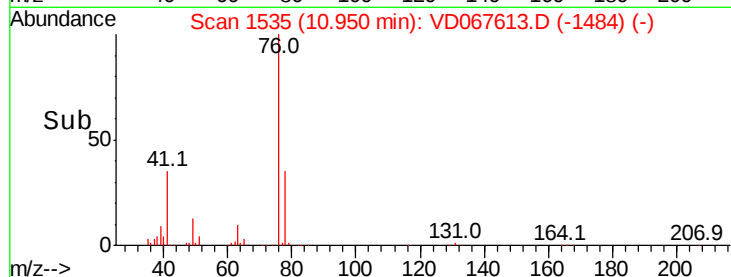
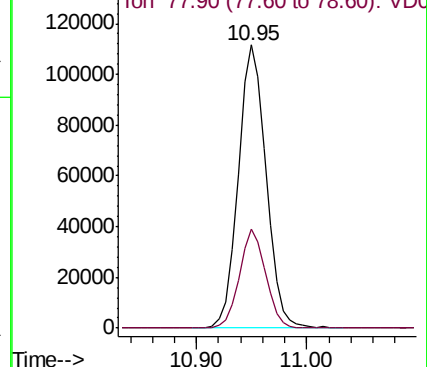
Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 291.627 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD067613.D

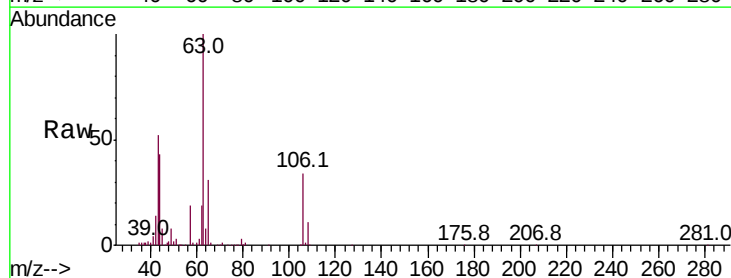
Acq: 11 Nov 2020 20:09

Tgt Ion: 63 Resp: 323044

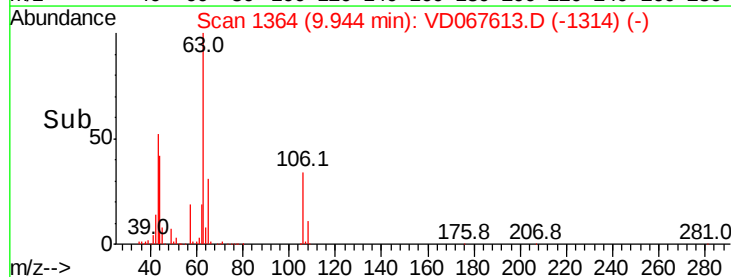
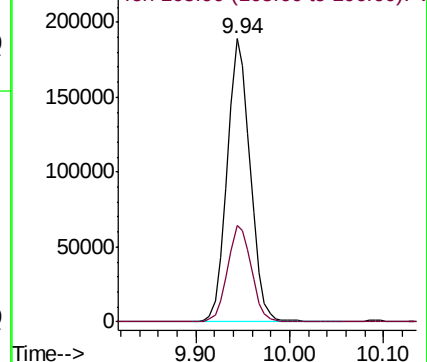
Ion Ratio Lower Upper

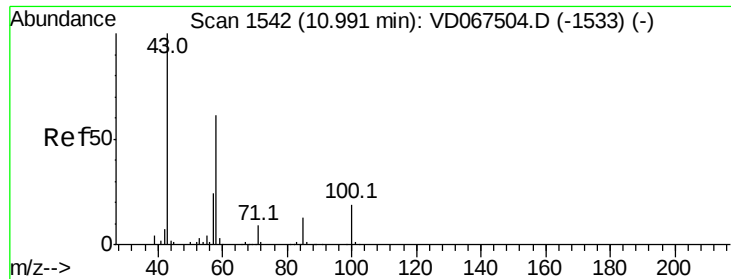
63 100

106 35.1 29.2 43.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

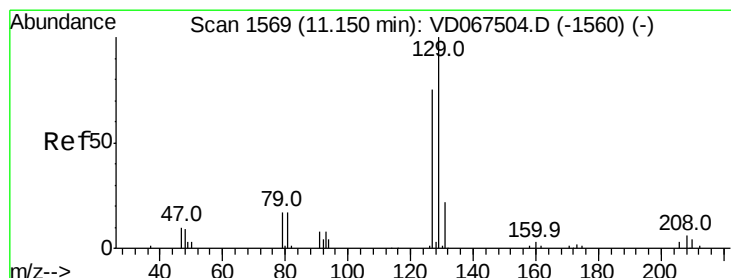
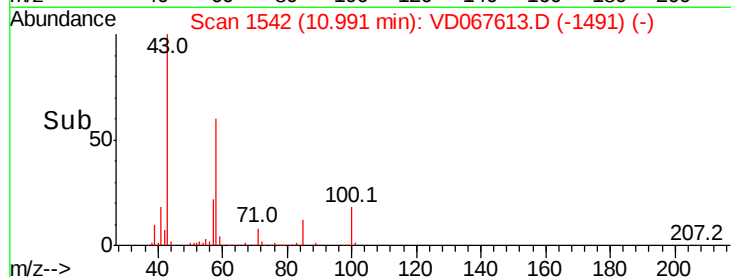
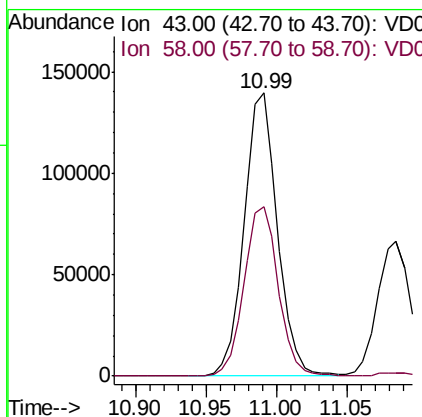
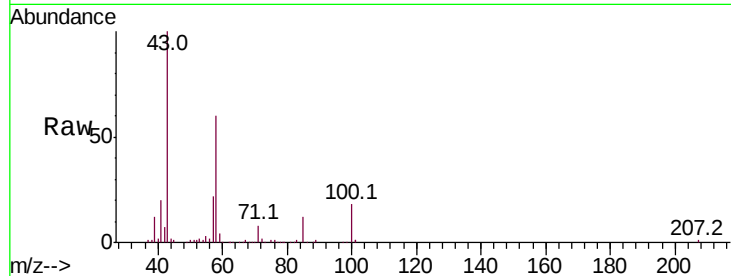




#59
2-Hexanone
Concen: 288.020 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

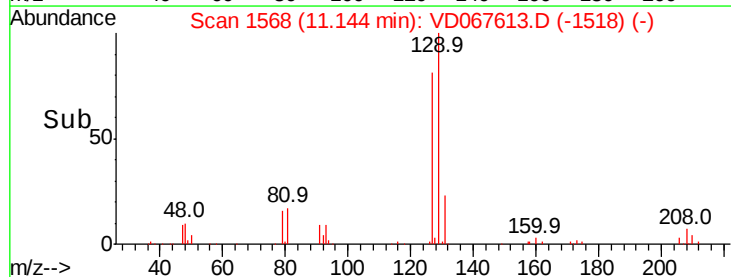
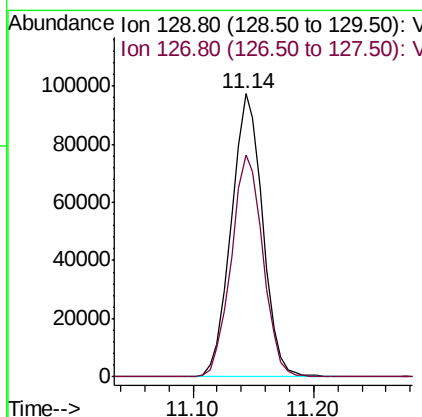
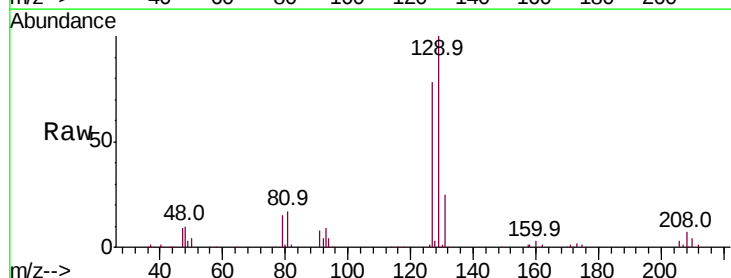
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

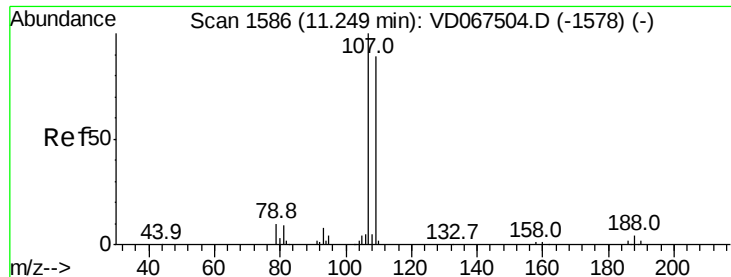
Tot Ion: 43 Resp: 230875
Ion Ratio Lower Upper
43 100
58 61.4 30.3 90.9



#60
Dibromochloromethane
Concen: 51.724 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:129 Resp: 176002
Ion Ratio Lower Upper
129 100
127 79.1 38.0 114.1

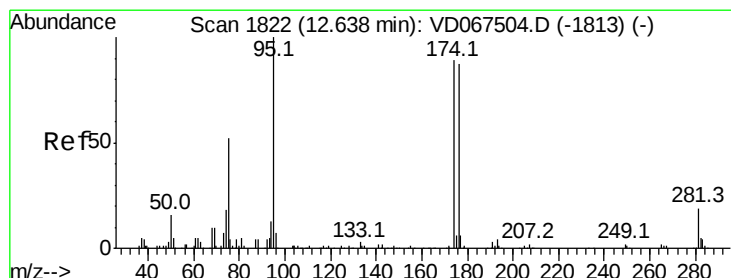
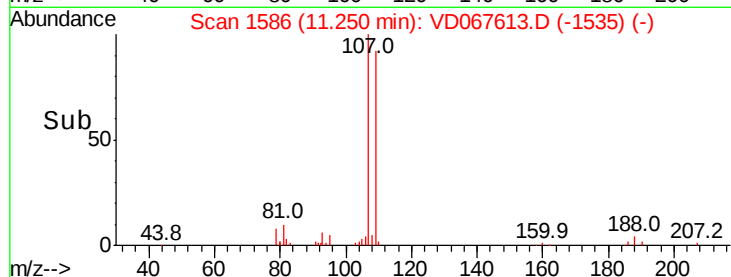
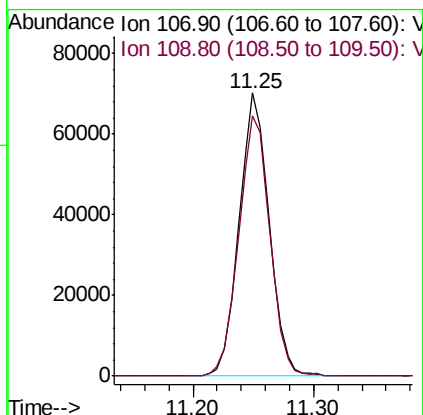
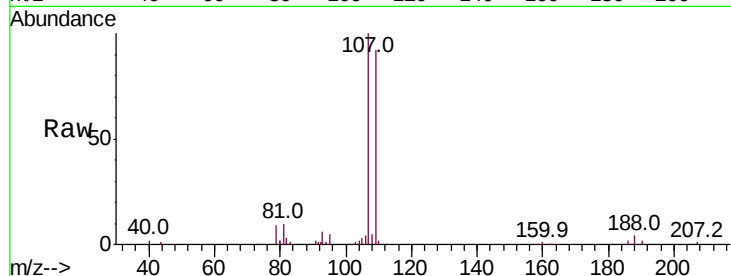




#61
 1,2-Dibromoethane
 Concen: 52.900 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

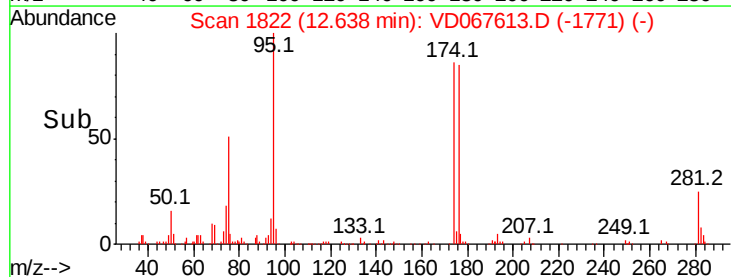
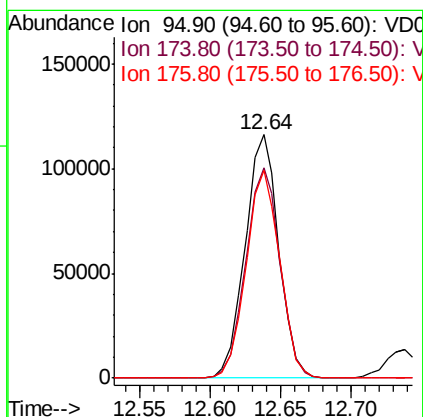
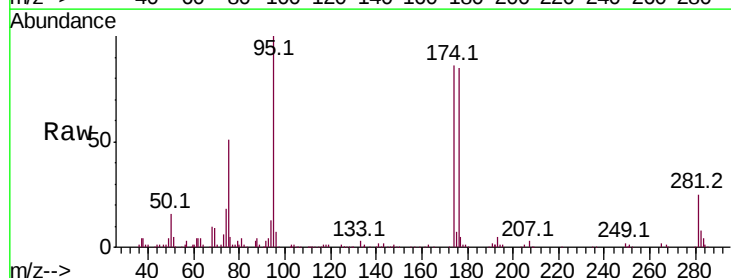
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

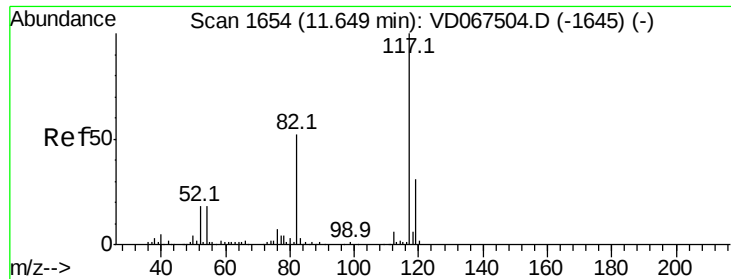
Tot Ion:107 Resp: 122128
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.588 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 95 Resp: 193721
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 177.8
 176 85.5 0.0 172.0

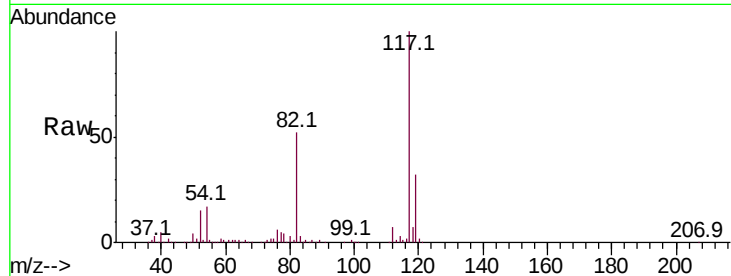




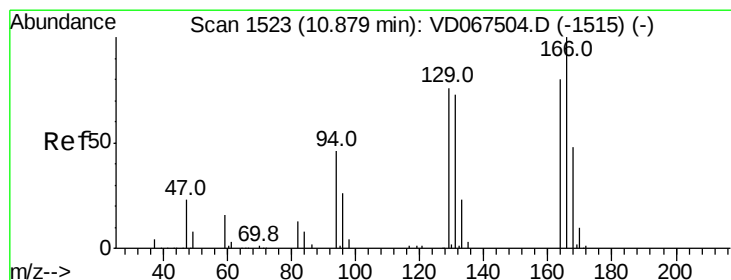
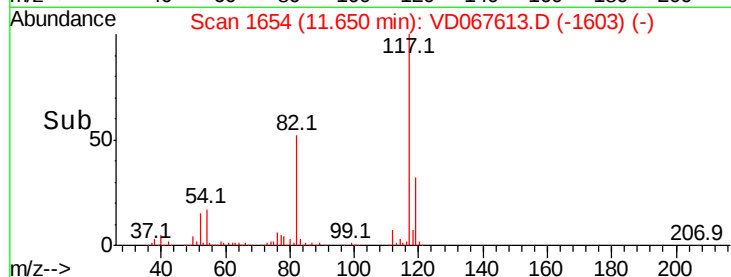
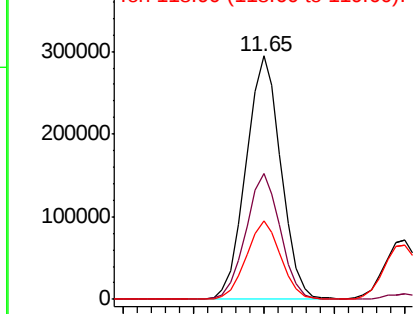
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 510364
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 32.0 25.1 37.7

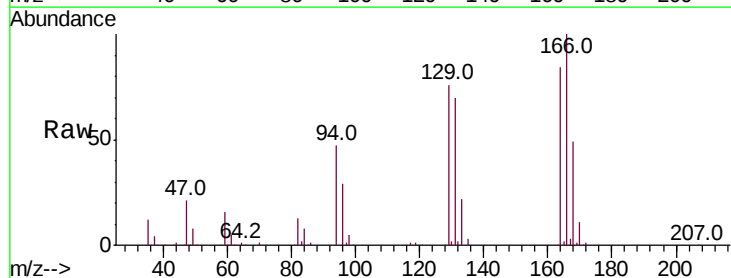


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

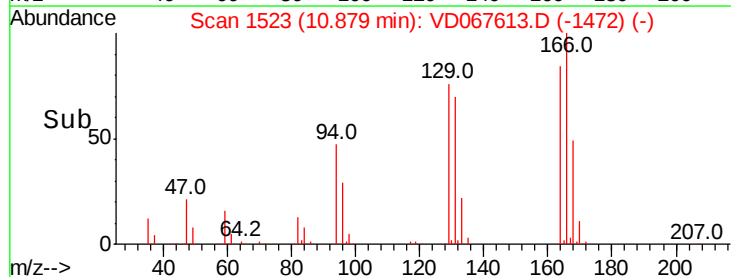
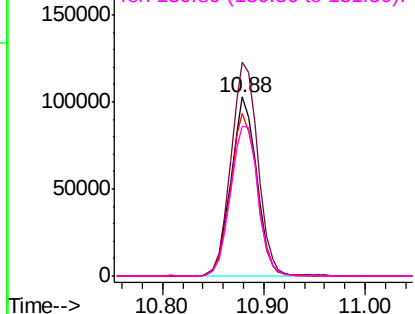


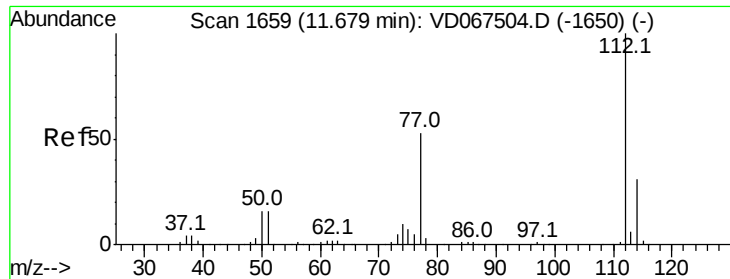
#64
Tetrachloroethene
Concen: 48.000 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:164 Resp: 181425
Ion Ratio Lower Upper
164 100
166 119.5 99.9 149.9
129 90.8 75.5 113.3
131 83.9 73.4 110.0



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

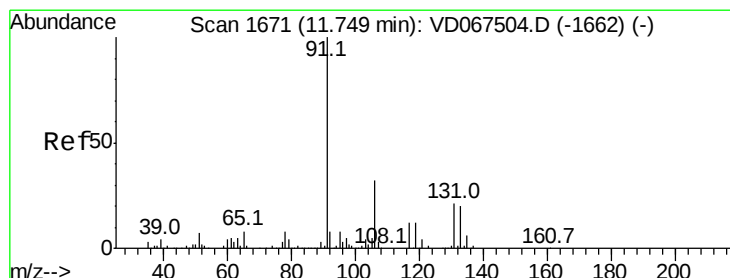
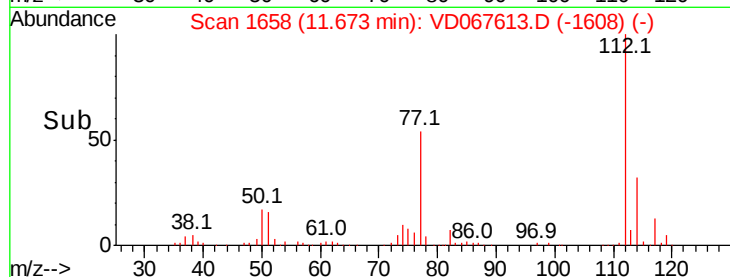
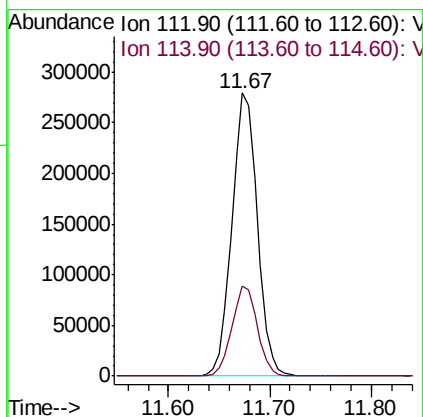
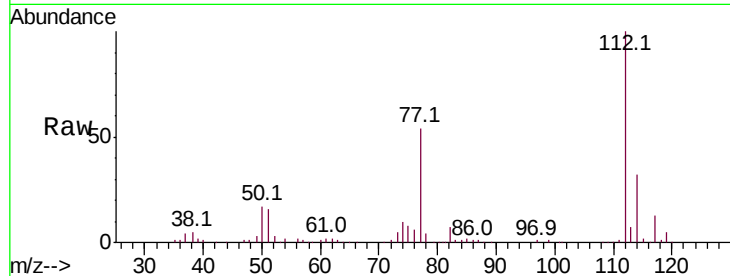




#65
Chlorobenzene
Concen: 49.364 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

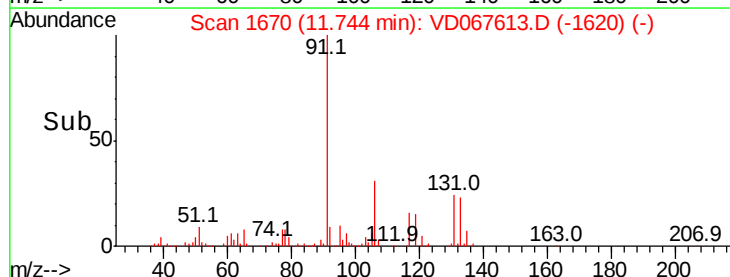
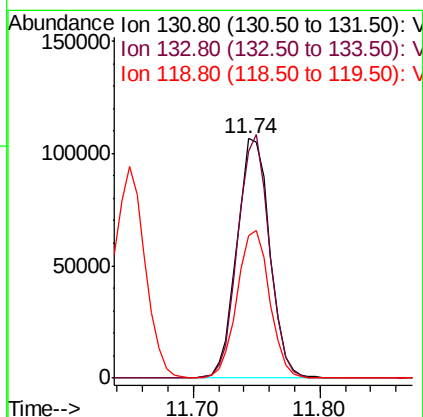
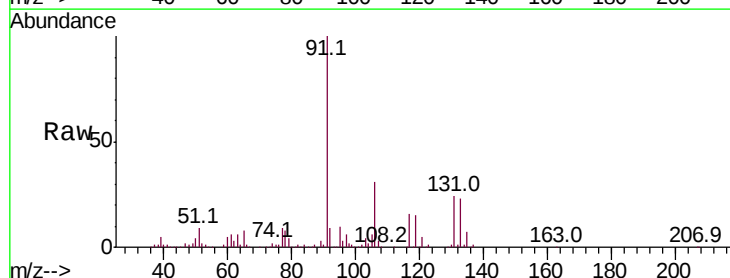
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

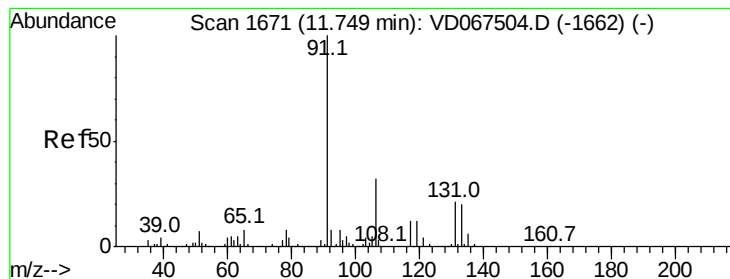
Tot Ion:112 Resp: 485297
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.642 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:131 Resp: 192348
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 61.1 30.1 90.5





#67

Ethyl Benzene

Concen: 49.183 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

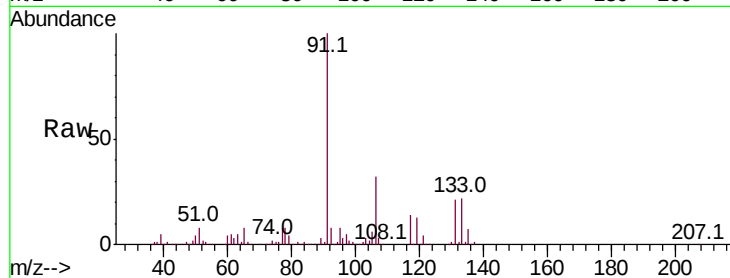
VSTDCCC050EC

Tot Ion: 91 Resp: 827401

Ion Ratio Lower Upper

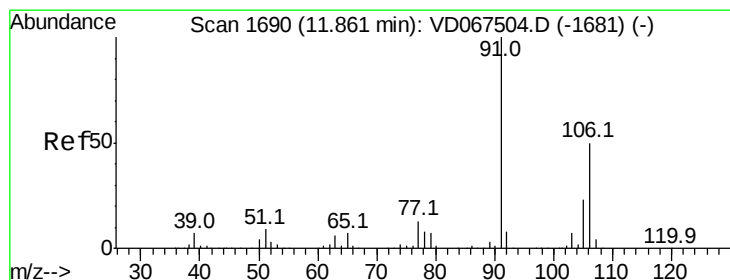
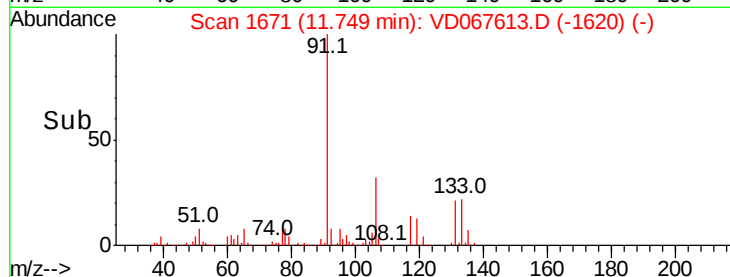
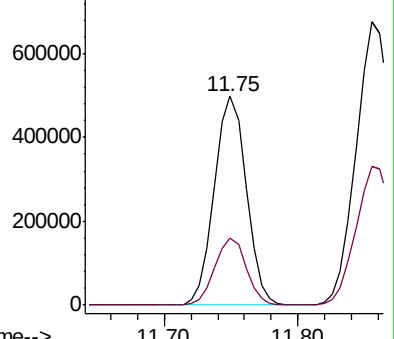
91 100

106 32.3 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: 98.793 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067613.D

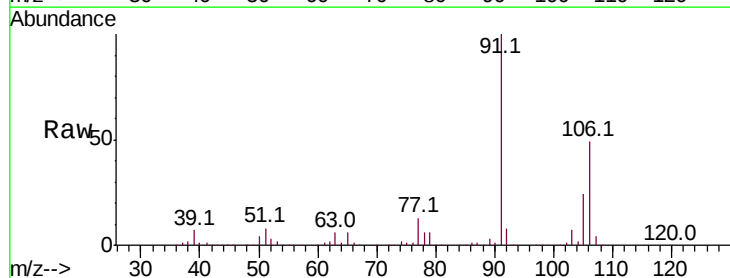
Acq: 11 Nov 2020 20:09

Tgt Ion: 106 Resp: 646581

Ion Ratio Lower Upper

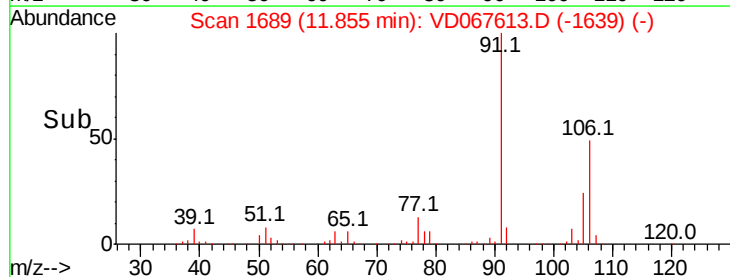
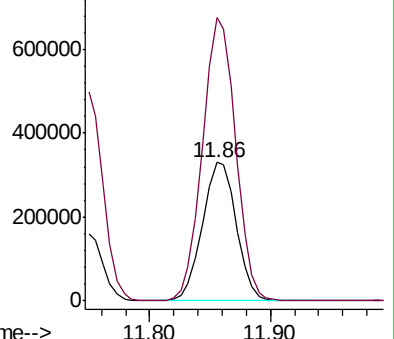
106 100

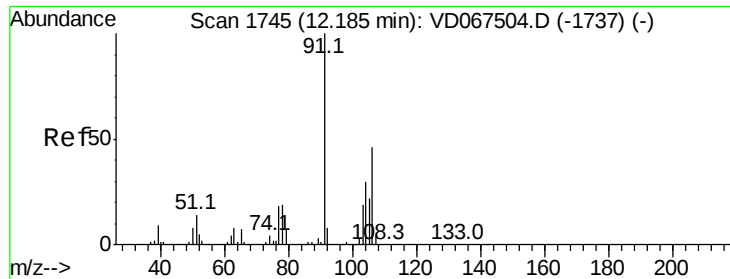
91 199.7 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

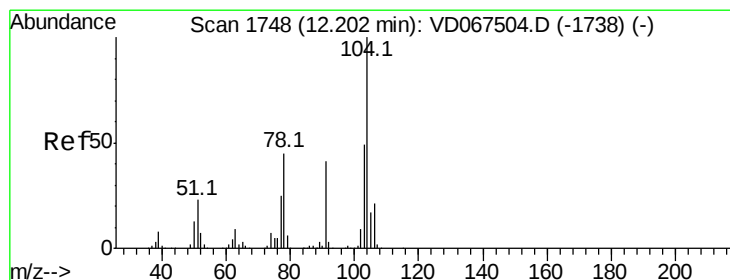
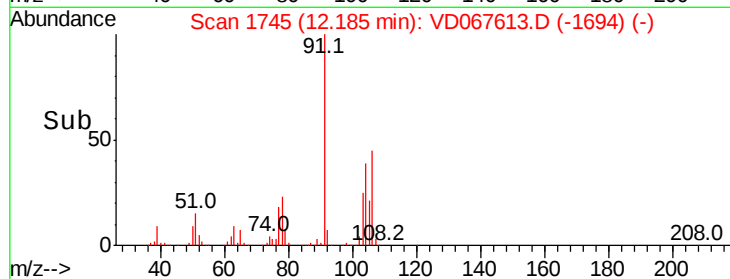
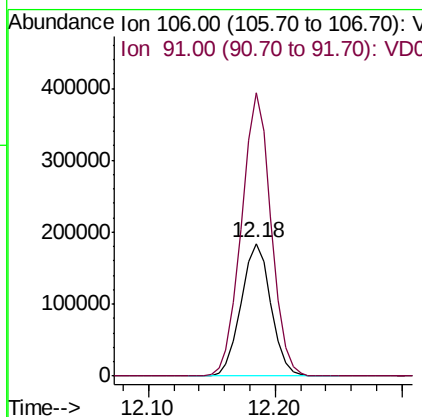
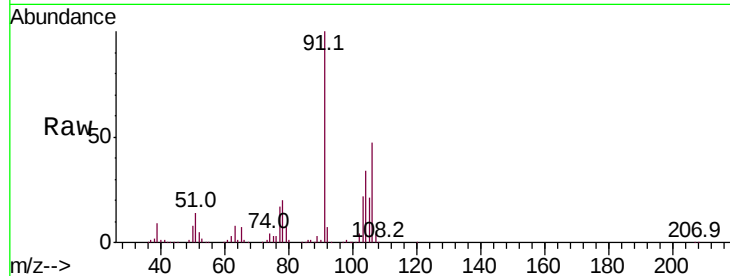




#69
o-Xylene
Concen: 51.581 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

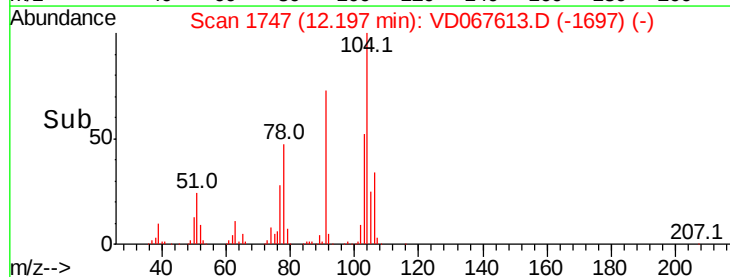
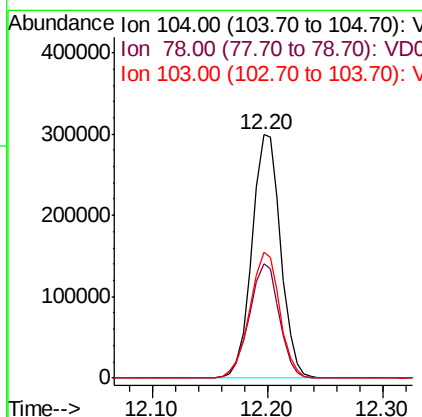
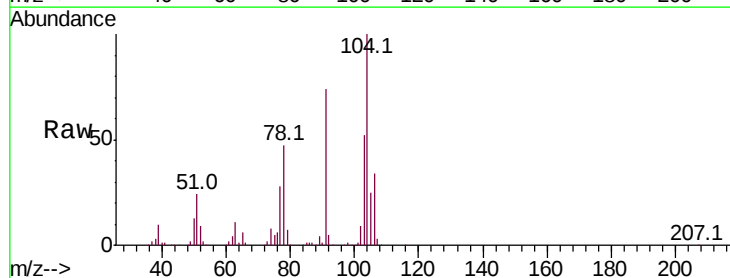
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

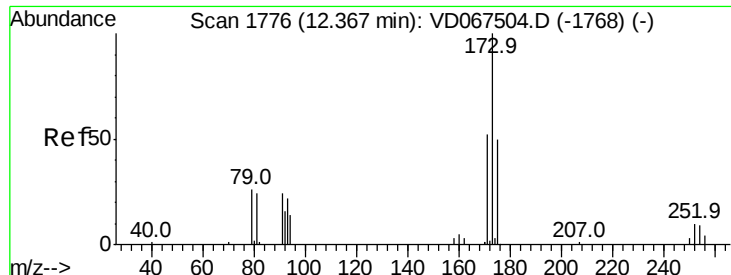
Tot Ion:106 Resp: 301409
Ion Ratio Lower Upper
106 100
91 210.9 107.1 321.1



#70
Styrene
Concen: 50.902 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:104 Resp: 518289
Ion Ratio Lower Upper
104 100
78 49.5 39.8 59.8
103 54.1 43.9 65.9





#71

Bromoform

Concen: 53.221 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

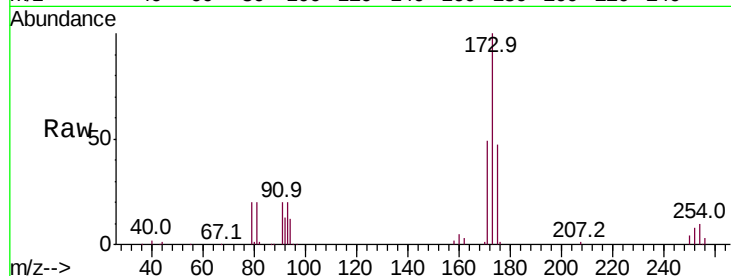
Tot Ion:173 Resp: 105173

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

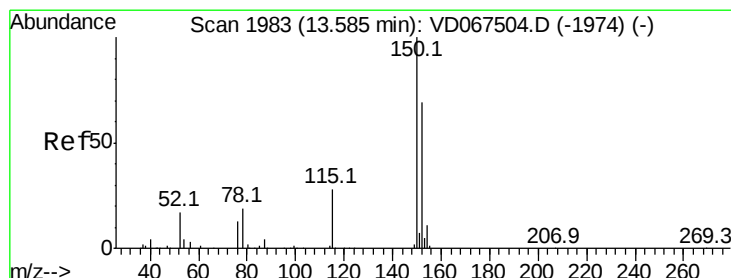
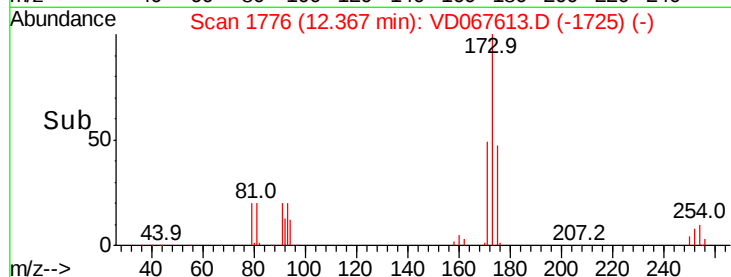
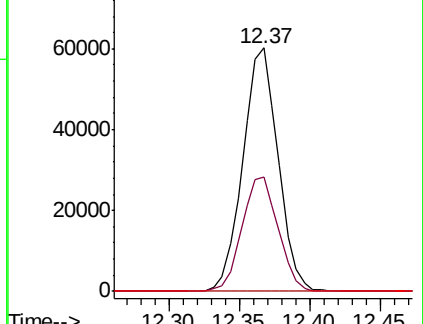
254 0.1 0.0 0.0#



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: VD067613.D

Acq: 11 Nov 2020 20:09

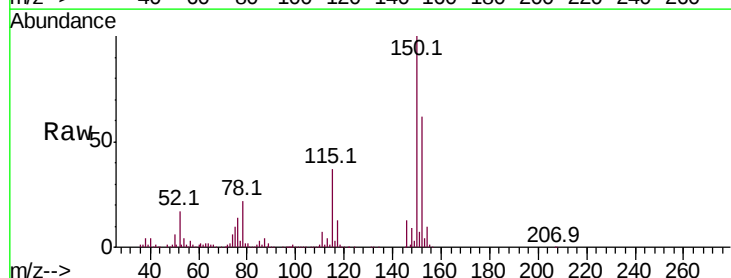
Tgt Ion:152 Resp: 253215

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

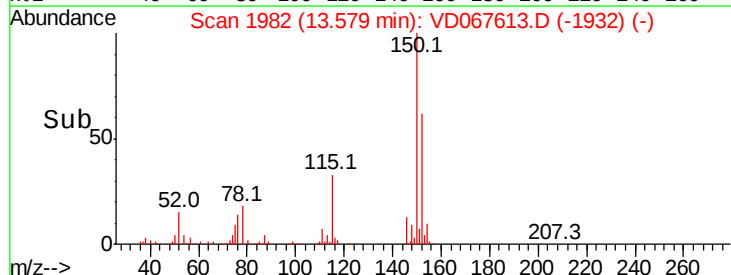
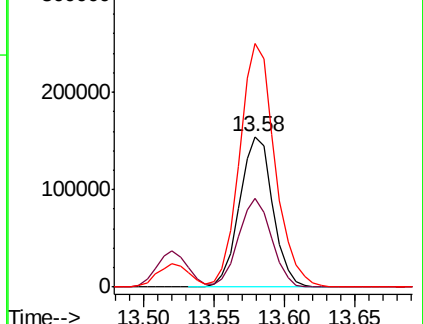
150 172.7 0.0 338.2

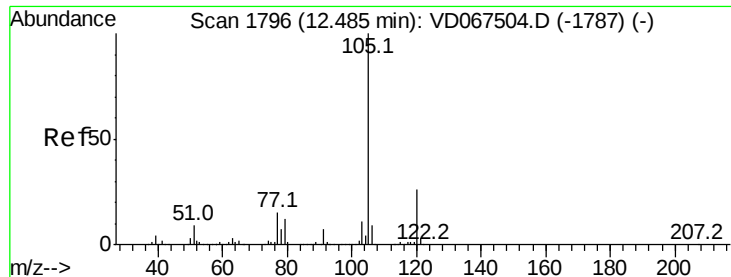


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.053 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

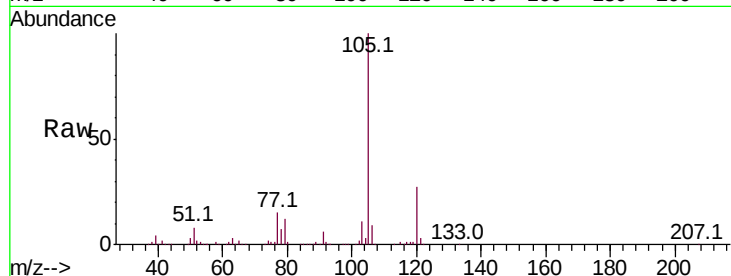
VSTDCCC050EC

Tot Ion:105 Resp: 819102

Ion Ratio Lower Upper

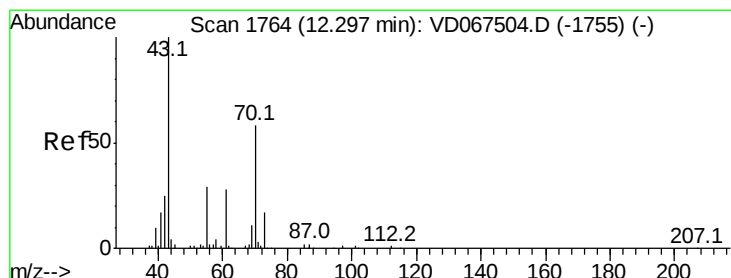
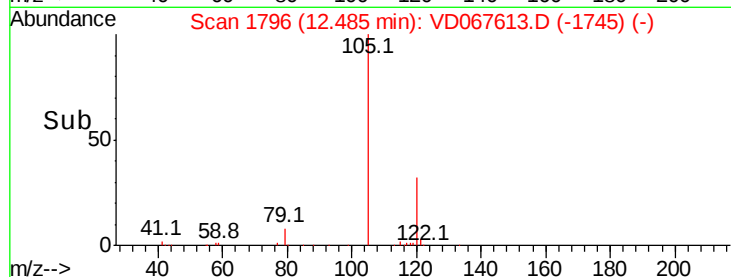
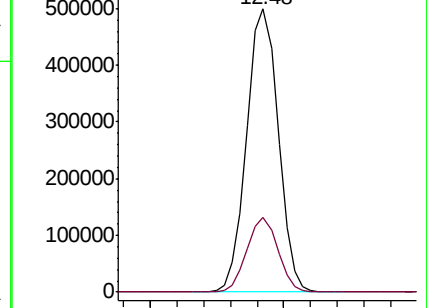
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.658 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Tgt Ion: 43 Resp: 119852

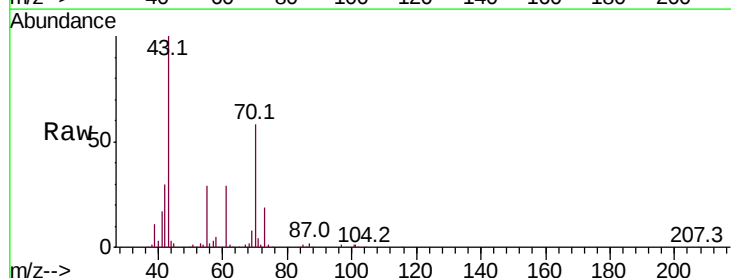
Ion Ratio Lower Upper

43 100

70 53.7 42.6 64.0

55 30.8 23.7 35.5

61 28.5 21.9 32.9

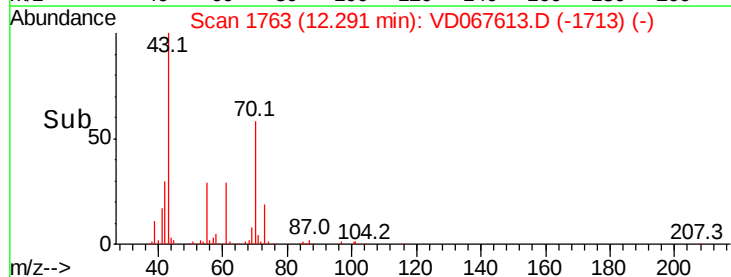
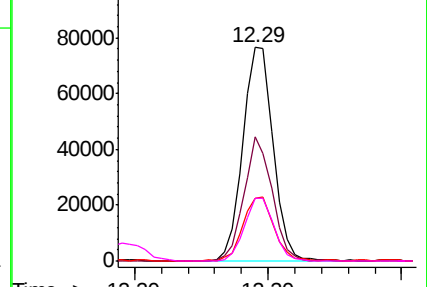


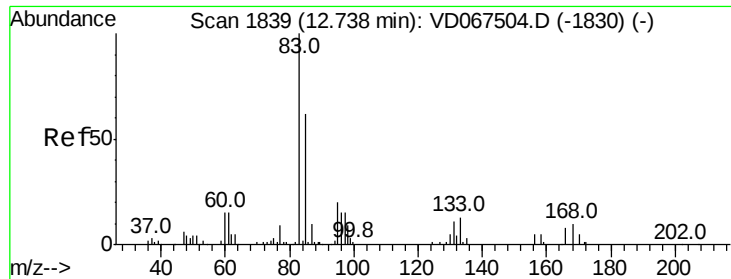
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.254 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

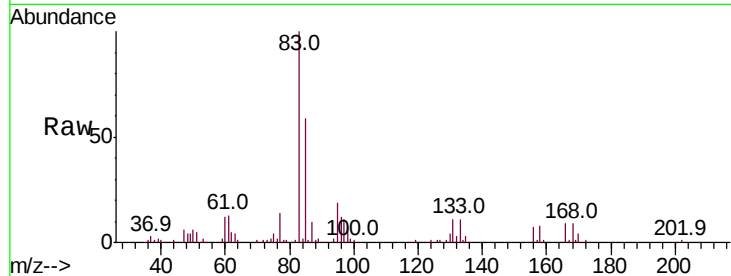
Tot Ion: 83 Resp: 121069

Ion Ratio Lower Upper

83 100

131 13.3 7.1 21.3

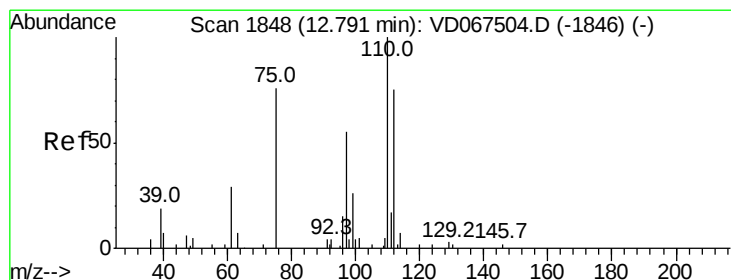
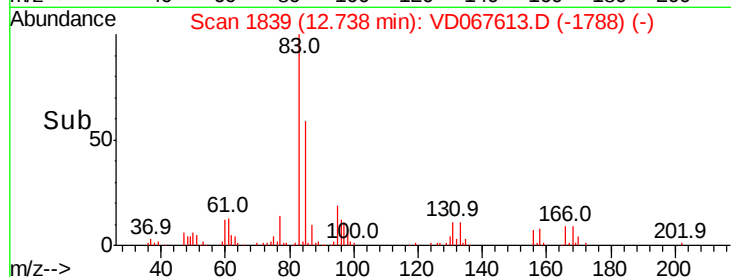
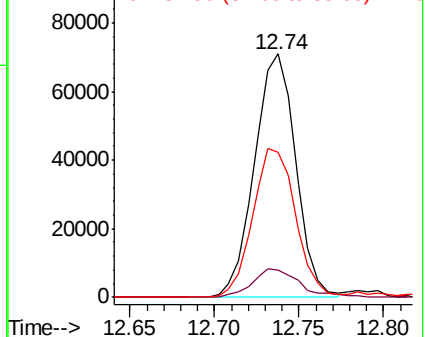
85 63.3 32.9 98.7



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: 106.826 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067613.D

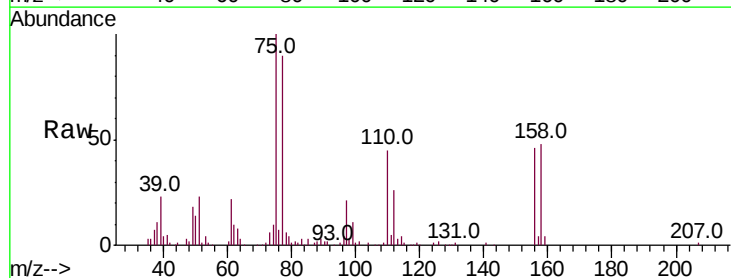
Acq: 11 Nov 2020 20:09

Tgt Ion: 75 Resp: 163181

Ion Ratio Lower Upper

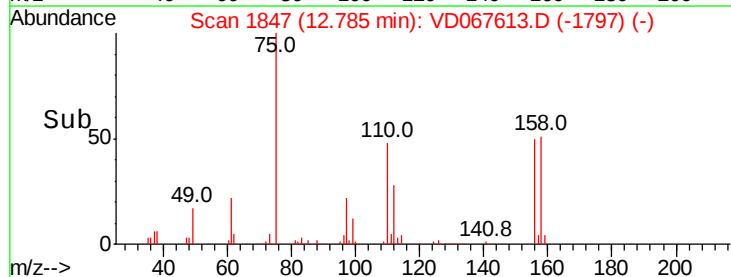
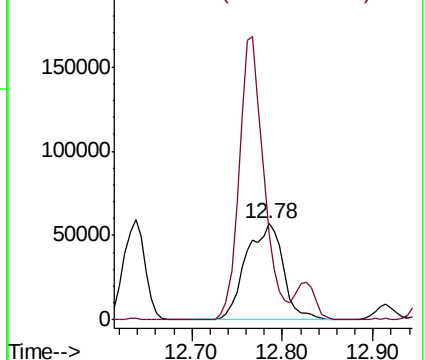
75 100

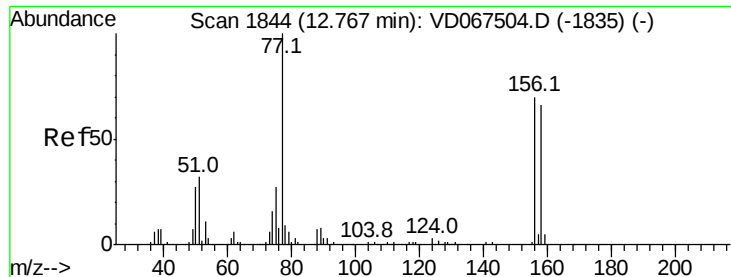
77 195.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.961 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

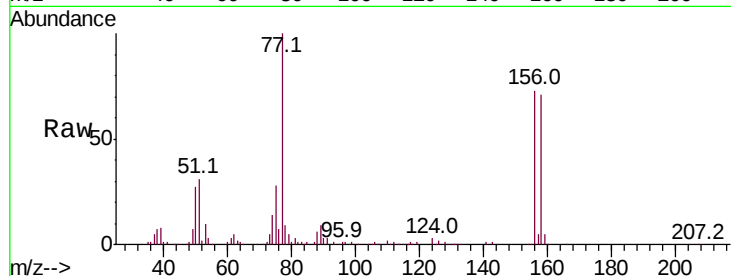
Tot Ion:156 Resp: 204811

Ion Ratio Lower Upper

156 100

77 155.5 77.8 233.5

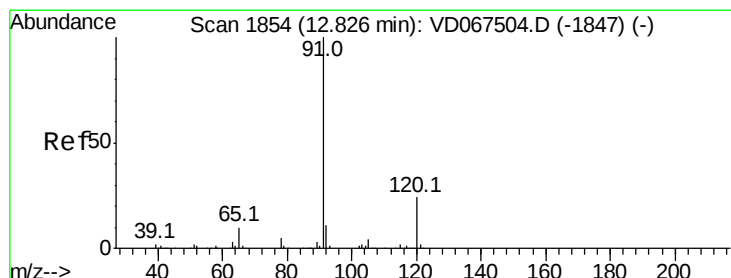
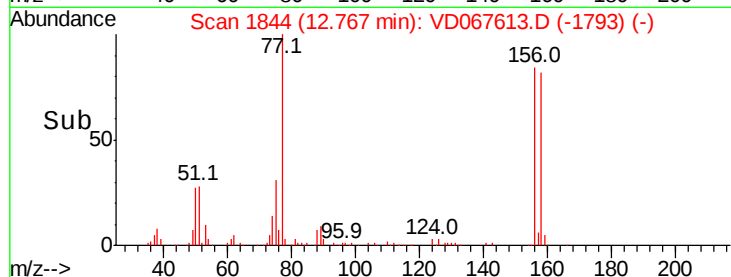
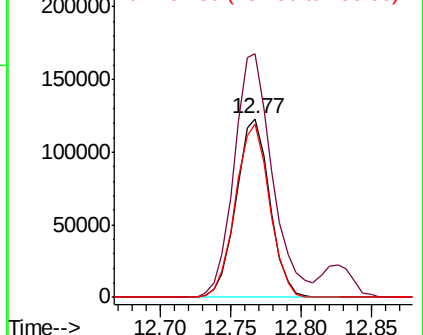
158 98.3 47.9 143.7



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: 49.558 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067613.D

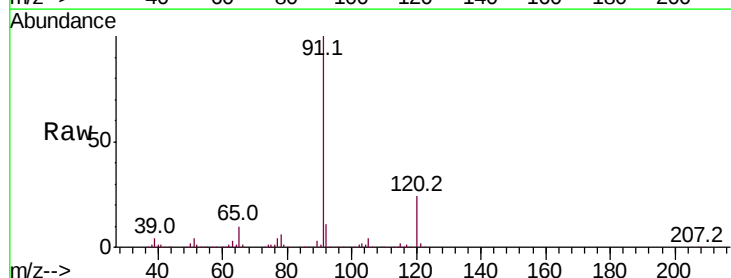
Acq: 11 Nov 2020 20:09

Tgt Ion: 91 Resp: 927661

Ion Ratio Lower Upper

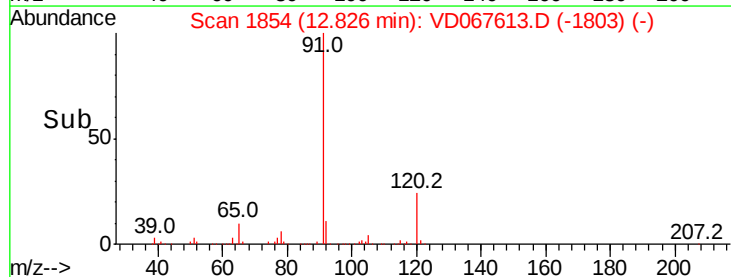
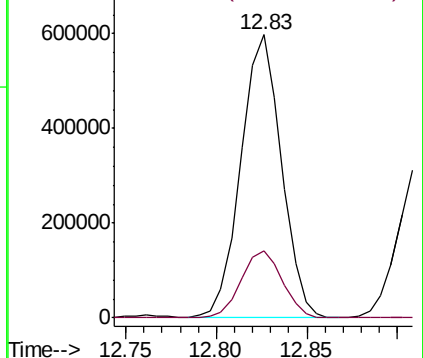
91 100

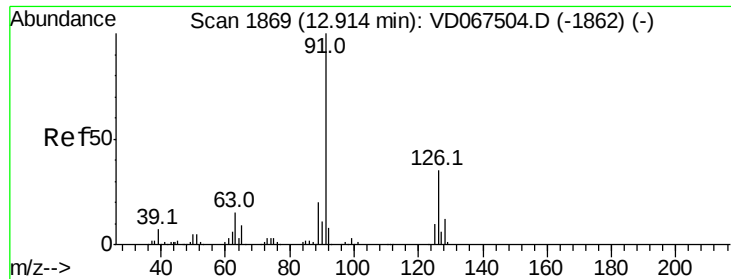
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

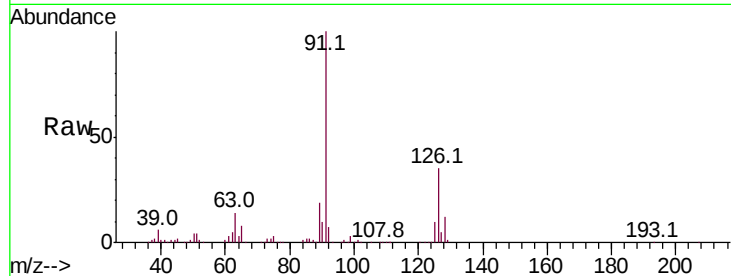




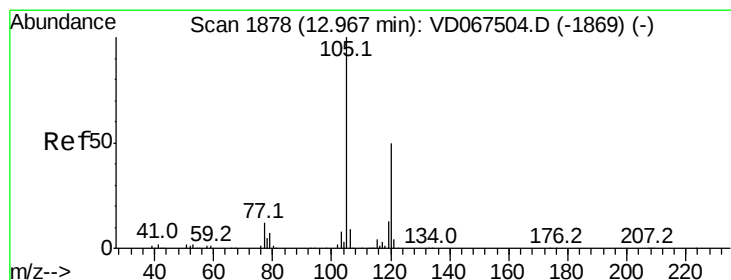
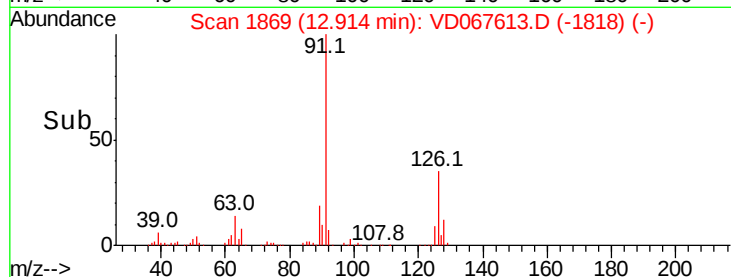
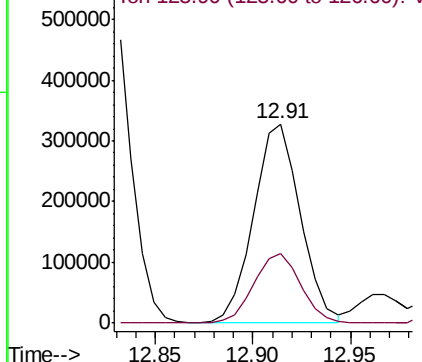
#79
 2-Chlorotoluene
 Concen: 51.113 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 543480
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.8 53.4

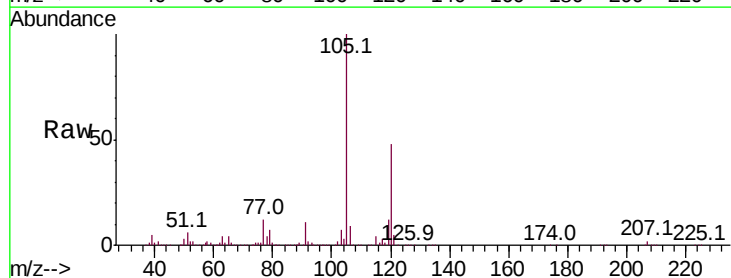


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

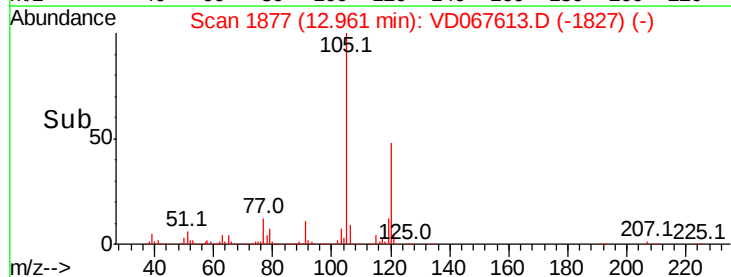
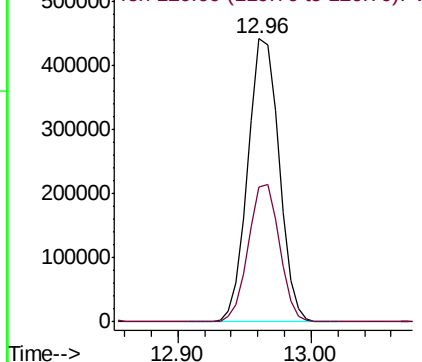


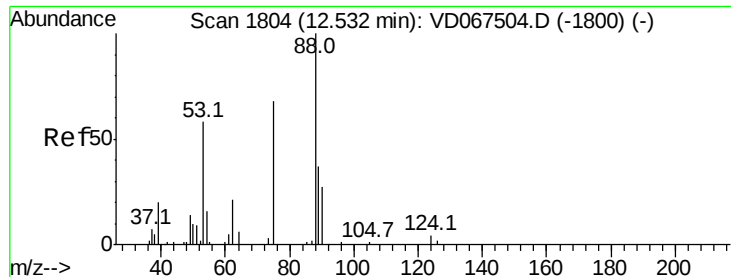
#80
 1,3,5-Trimethylbenzene
 Concen: 51.162 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion: 105 Resp: 715221
 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: 51.697 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

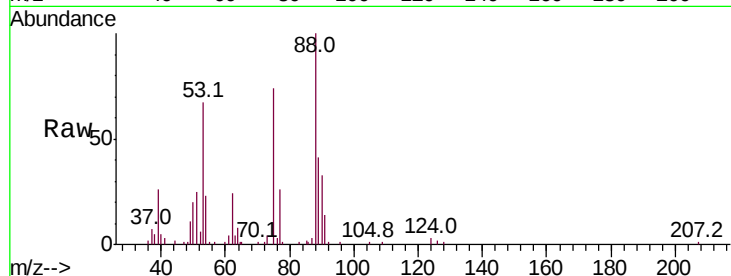
Tot Ion: 75 Resp: 38896

Ion Ratio Lower Upper

75 100

53 89.6 75.9 113.9

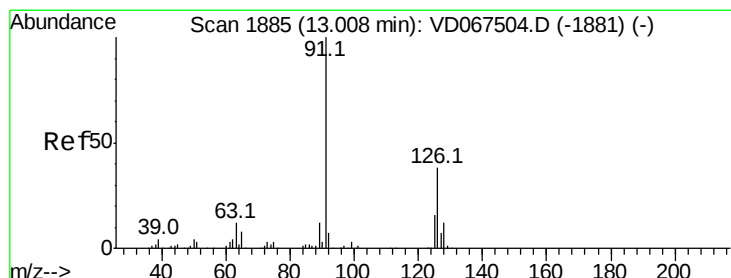
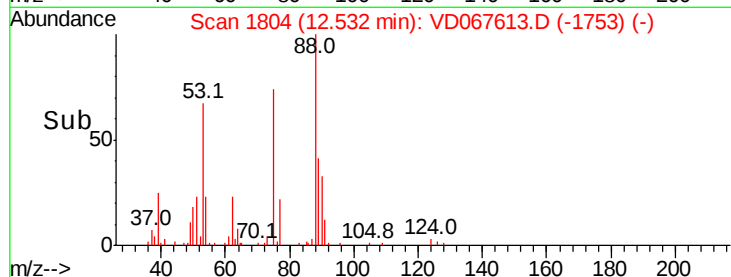
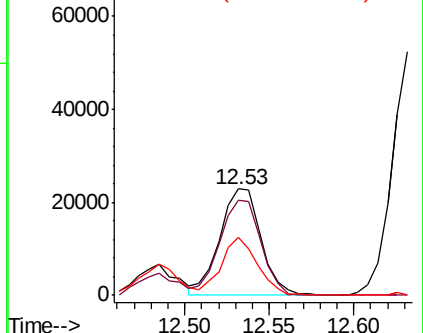
89 47.8 44.6 67.0



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: 50.304 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067613.D

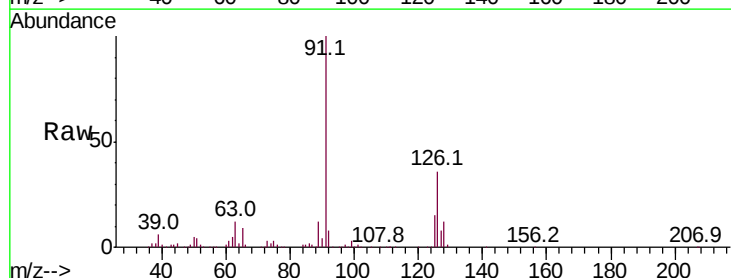
Acq: 11 Nov 2020 20:09

Tgt Ion: 91 Resp: 573660

Ion Ratio Lower Upper

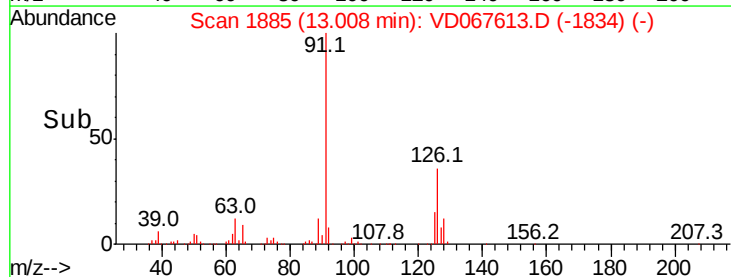
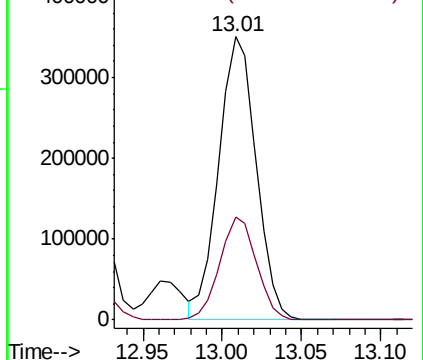
91 100

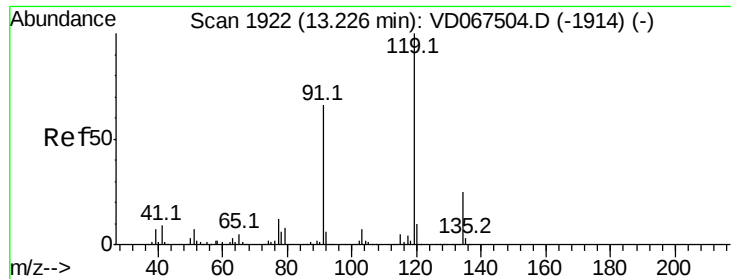
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

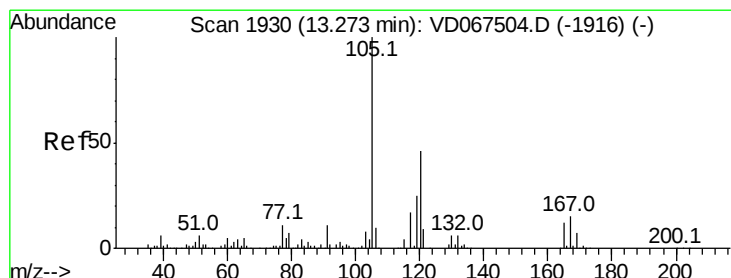
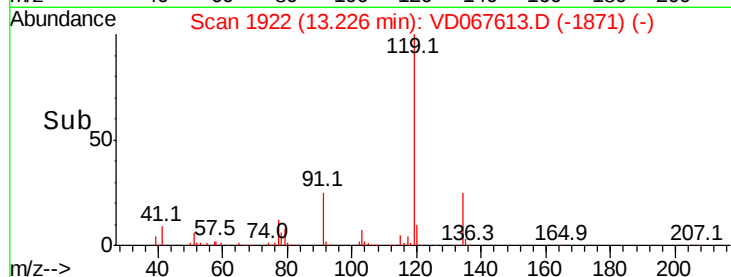
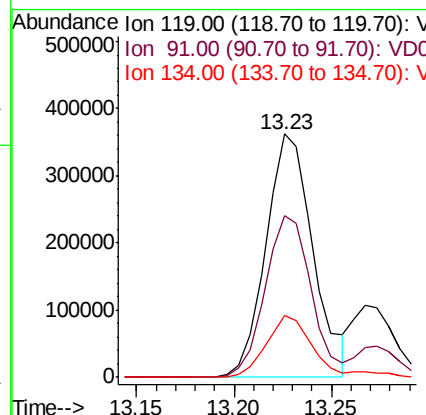
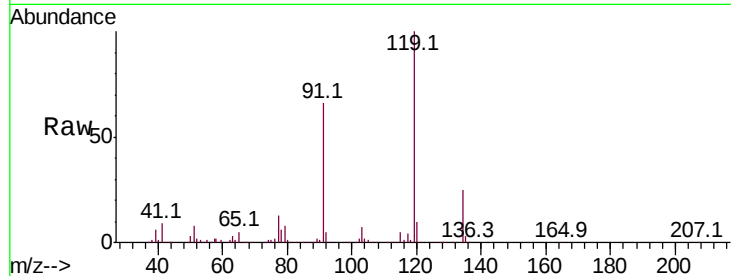




#83
tert-Butylbenzene
Concen: 51.153 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

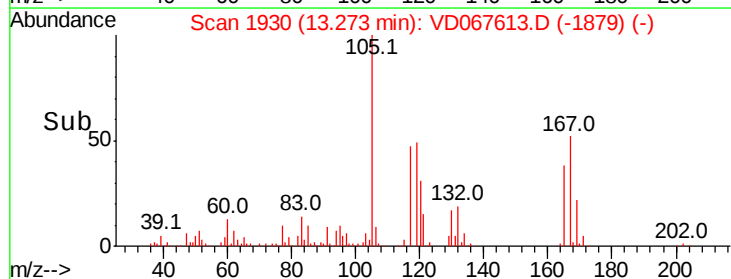
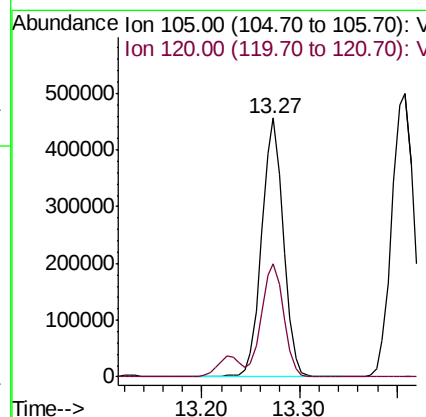
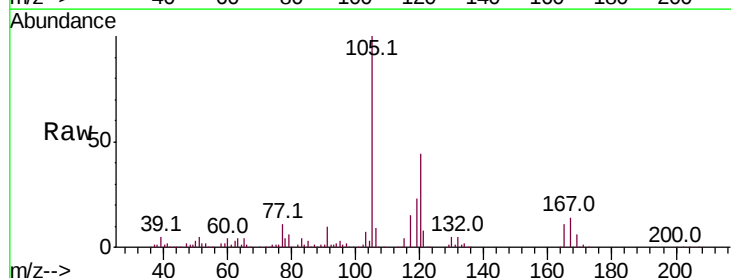
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

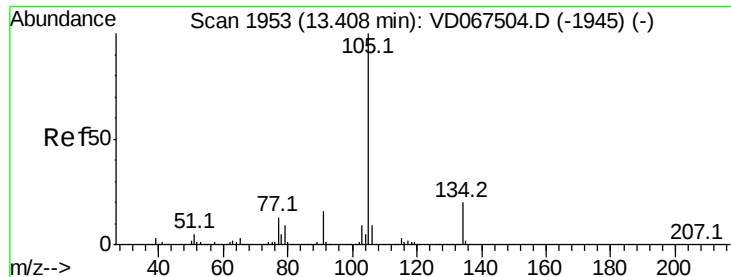
Tot Ion:119 Resp: 606052
Ion Ratio Lower Upper
119 100
91 64.8 32.7 98.1
134 26.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 51.013 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:105 Resp: 709871
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.1

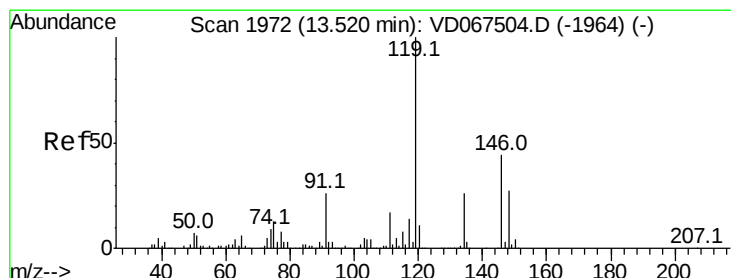
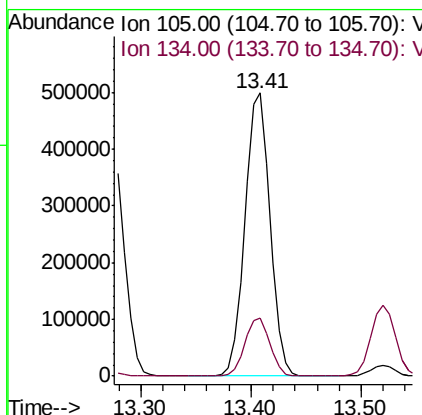
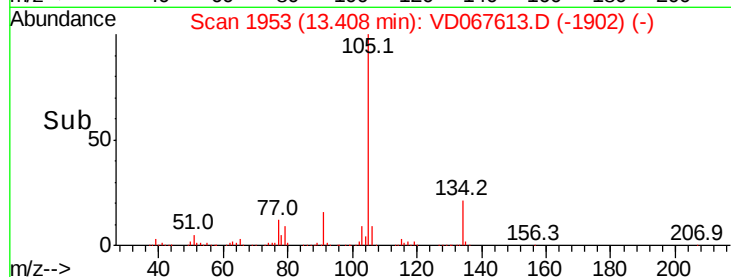
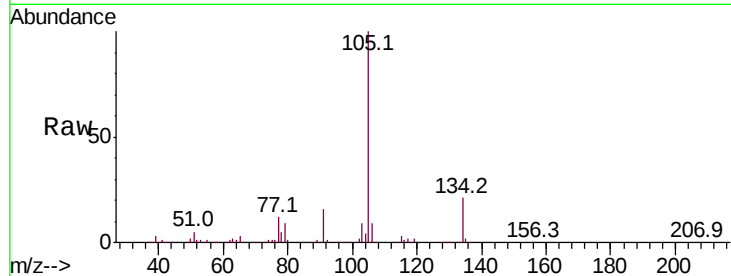




#85
 sec-Butylbenzene
 Concen: 49.877 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

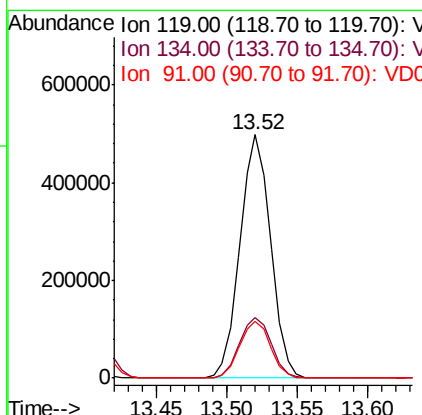
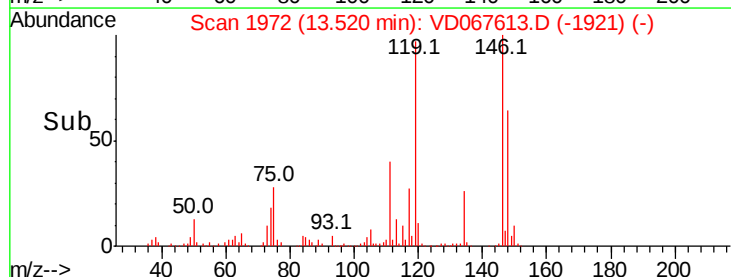
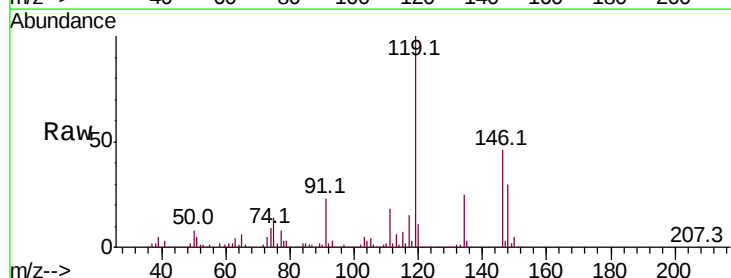
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

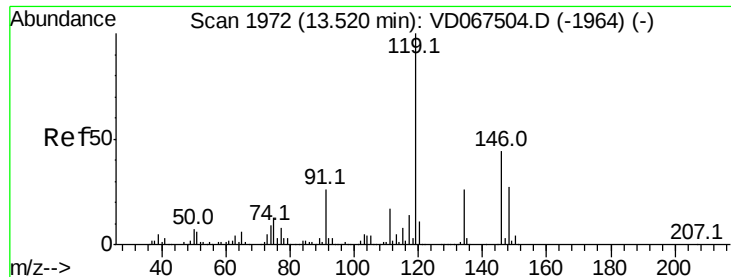
Tot Ion:105 Resp: 797741
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 49.010 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion:119 Resp: 756961
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.5 12.2 36.4

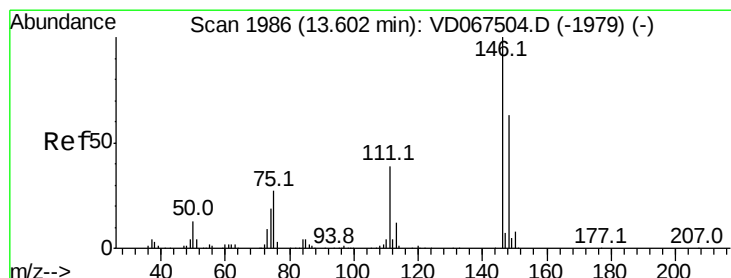
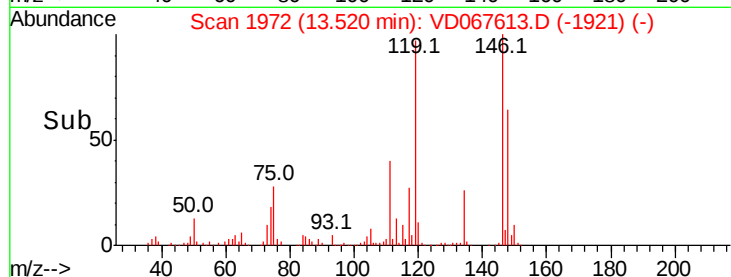
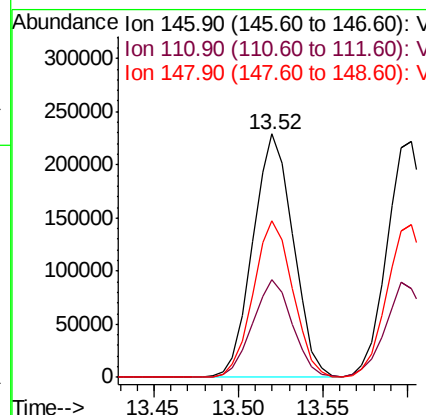
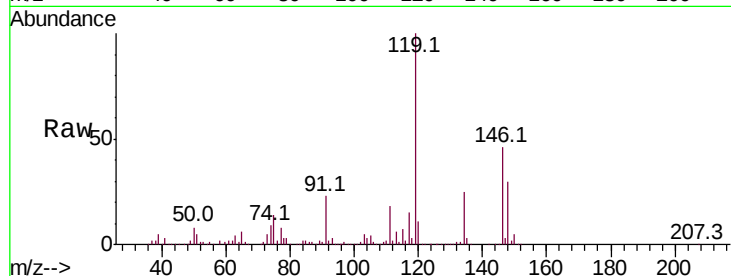




#87
 1,3-Dichlorobenzene
 Concen: 49.549 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

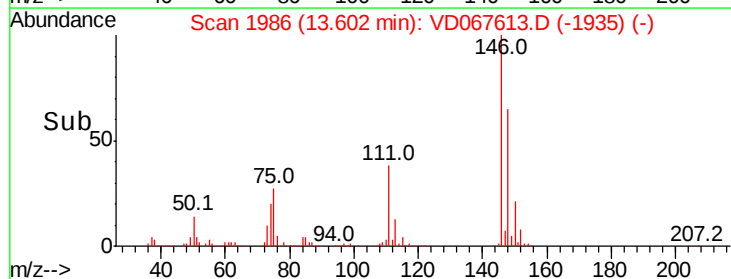
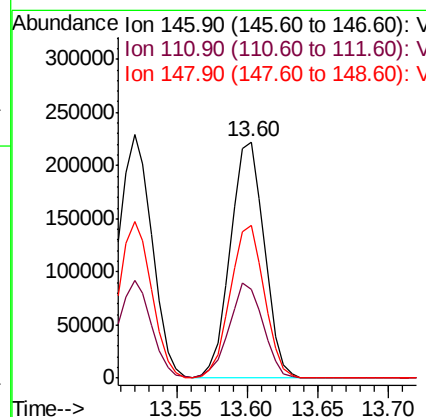
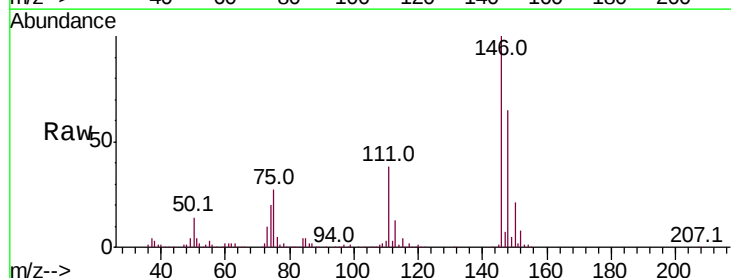
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

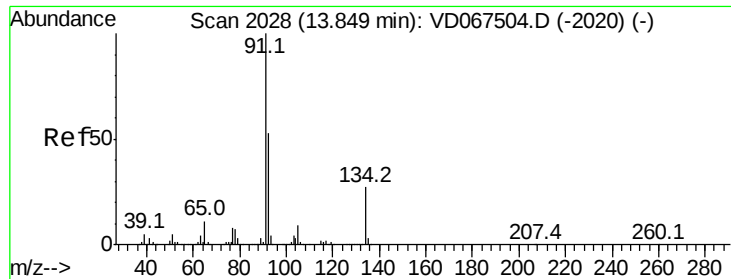
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	63.4	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.975 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067613.D
 Acq: 11 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	65.0	31.8	95.4

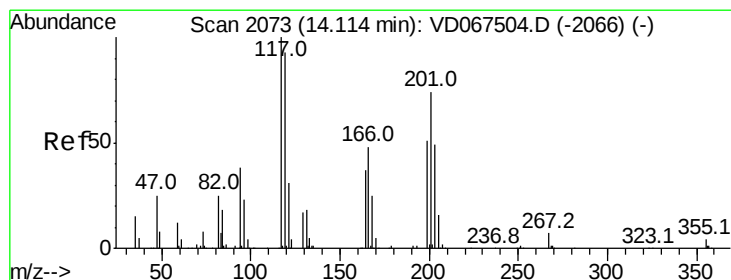
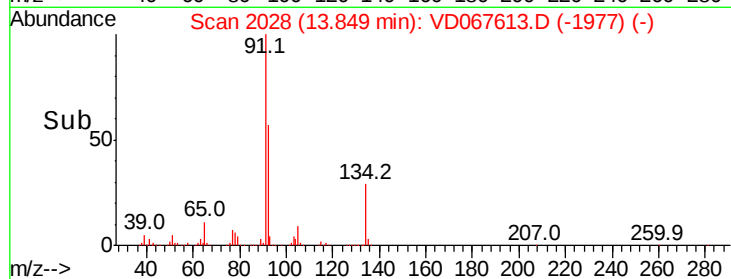
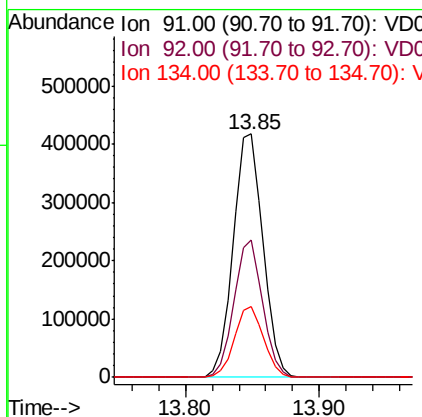
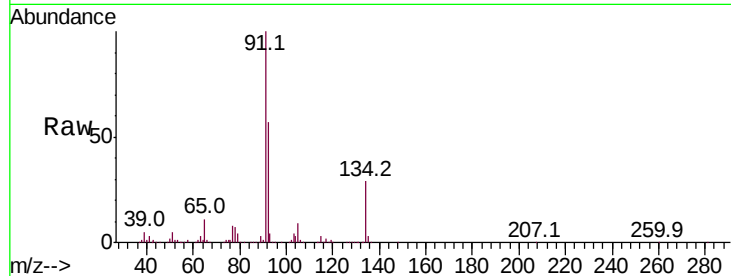




#89
n-Butylbenzene
Concen: 48.501 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

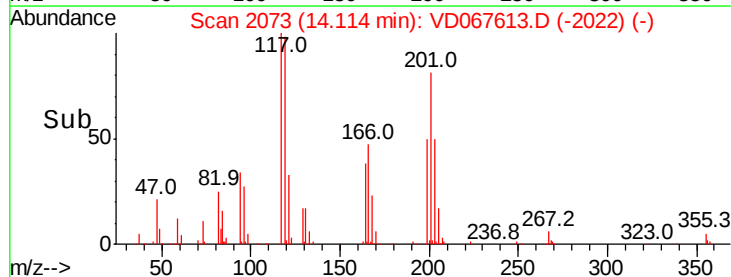
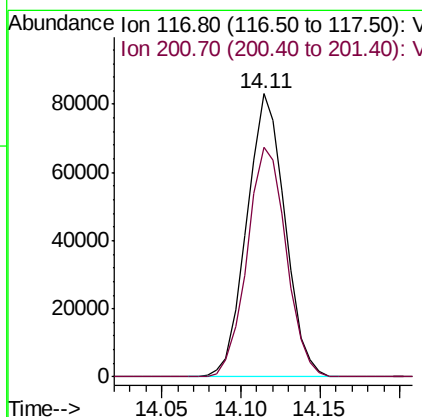
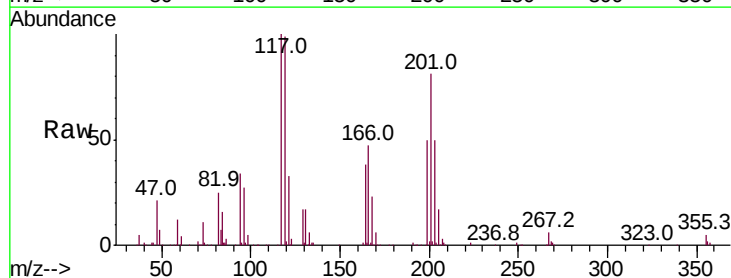
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

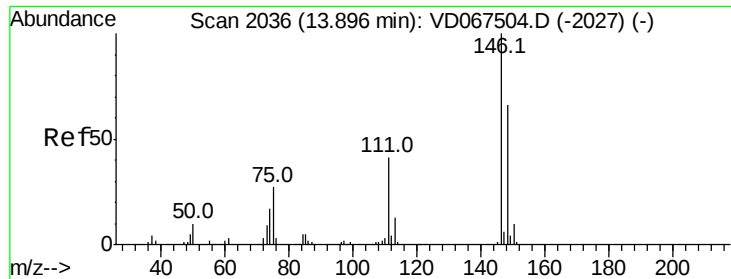
Tot Ion: 91 Resp: 647046
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.8
134 28.5 14.1 42.2



#90
Hexachloroethane
Concen: 47.891 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion: 117 Resp: 139294
Ion Ratio Lower Upper
117 100
201 82.6 40.7 122.1





#91

1,2-Dichlorobenzene

Concen: 50.412 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

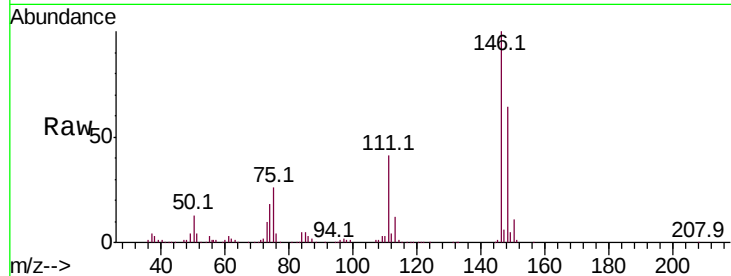
Tot Ion:146 Resp: 334591

Ion Ratio Lower Upper

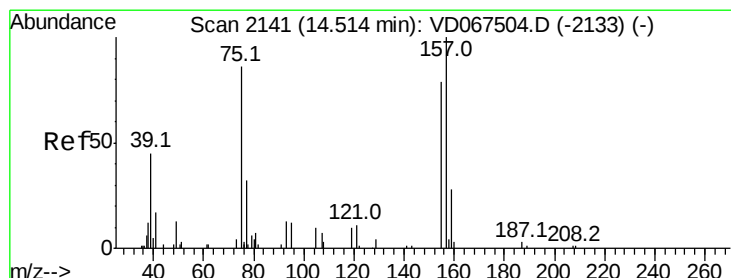
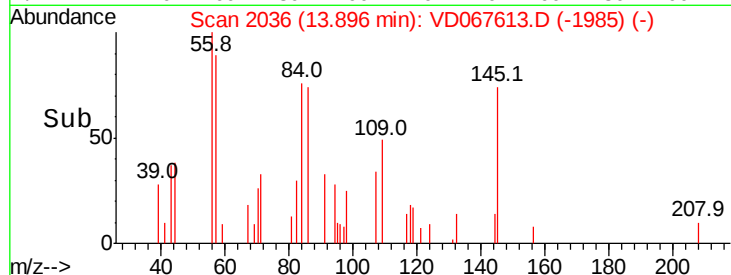
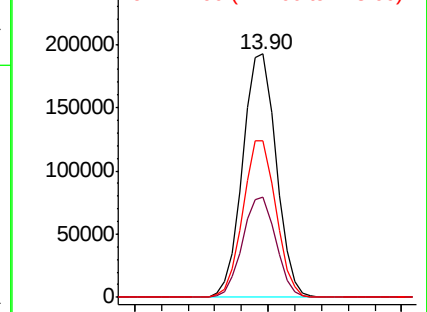
146 100

111 40.9 20.7 62.1

148 63.3 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.333 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

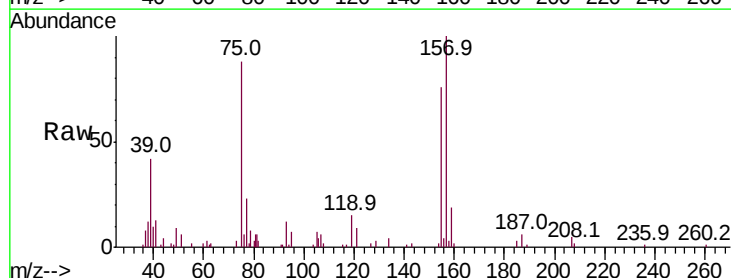
Tgt Ion: 75 Resp: 21072

Ion Ratio Lower Upper

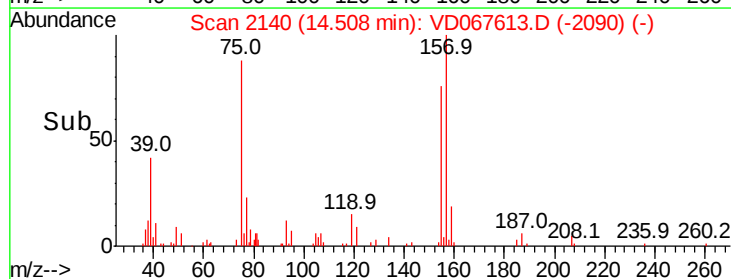
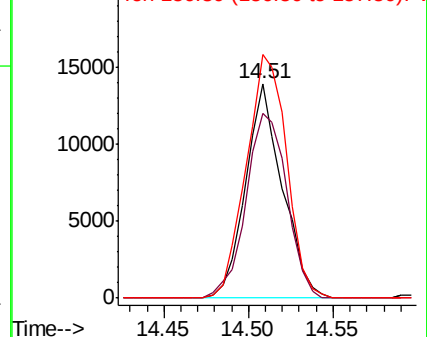
75 100

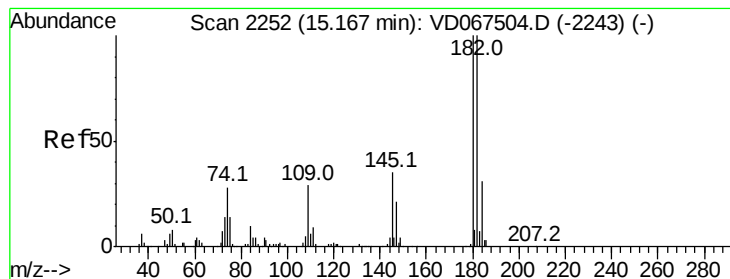
155 95.5 46.6 139.8

157 125.0 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.745 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

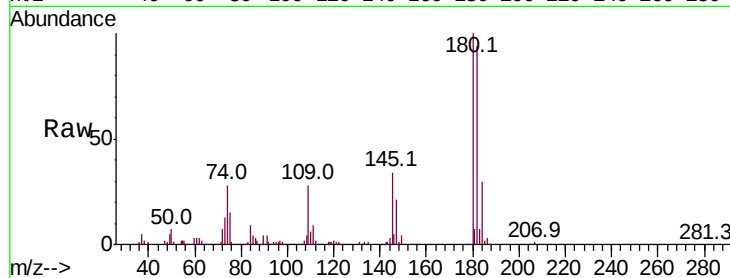
Tot Ion:180 Resp: 224087

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

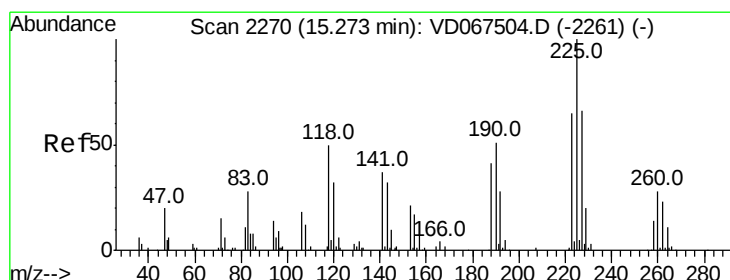
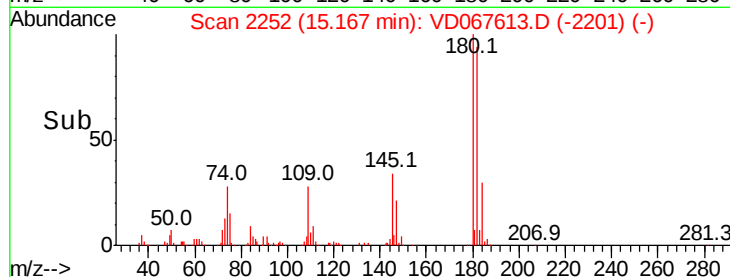
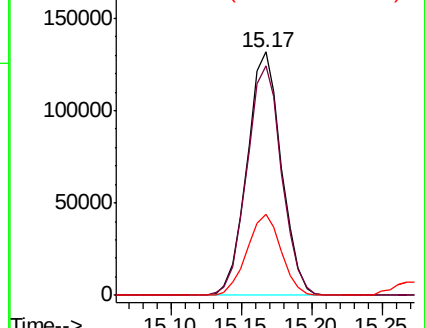
145 33.2 16.2 48.6



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: 46.821 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD067613.D

Acq: 11 Nov 2020 20:09

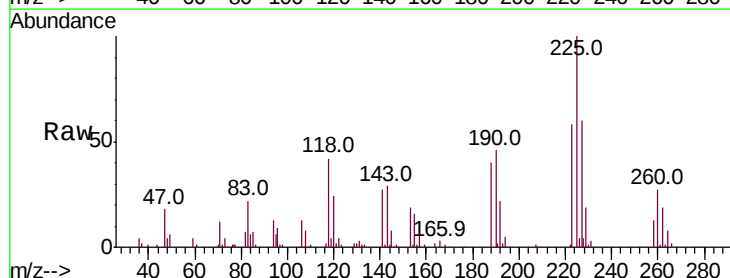
Tgt Ion:225 Resp: 141161

Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.5

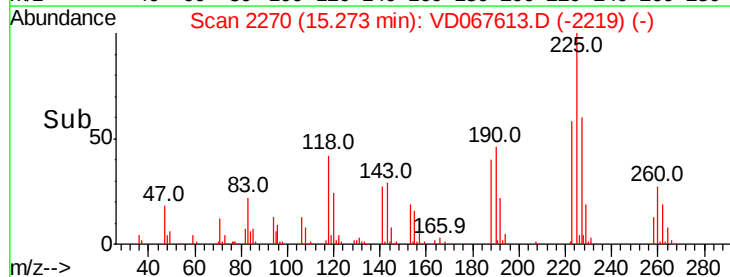
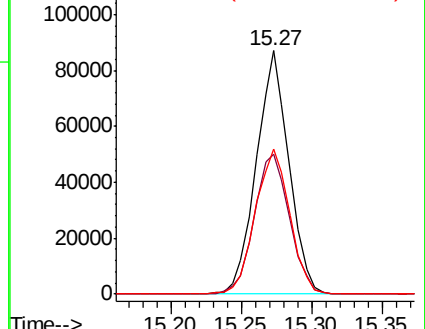
227 62.9 32.5 97.4

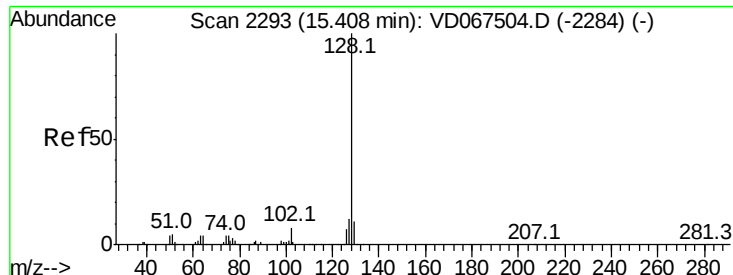


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

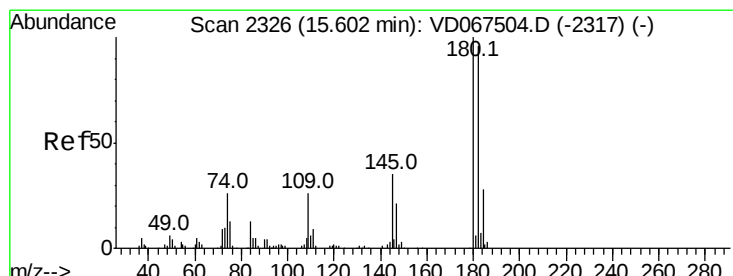
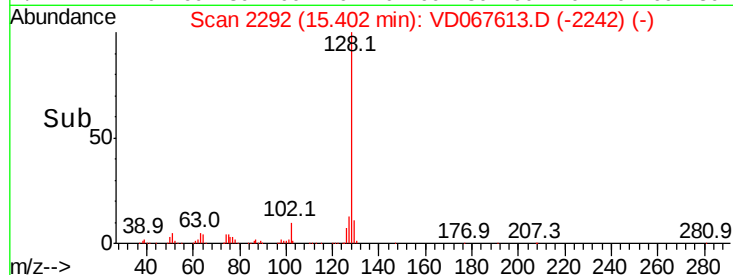
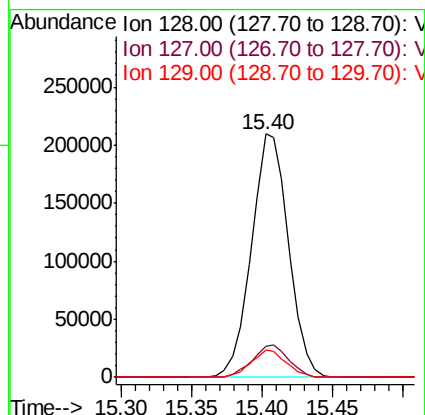
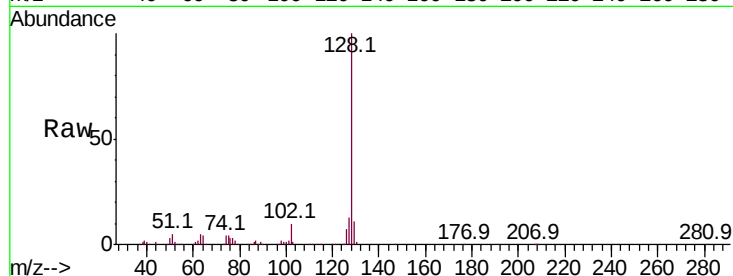




#95
Naphthalene
Concen: 55.368 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 384915
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.089 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067613.D
Acq: 11 Nov 2020 20:09

Tgt Ion:180 Resp: 197079
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.8
145 34.2 17.1 51.2

