

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067401.D
 Acq On : 26 Oct 2020 19:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 27 00:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	289381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	431207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	410425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	208965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	144233	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.92	113	145166	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.34	98	524211	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.64	95	185252	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	93176	39.165	ug/l	96
3) Chloromethane	2.20	50	70562	38.744	ug/l	96
4) Vinyl Chloride	2.34	62	79904	39.987	ug/l	91
5) Bromomethane	2.77	94	64229	46.002	ug/l	90
6) Chloroethane	2.92	64	52174	41.925	ug/l	94
7) Trichlorofluoromethane	3.27	101	225516	44.818	ug/l	99
8) Diethyl Ether	3.71	74	53039	46.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	121539	45.463	ug/l	99
10) Methyl Iodide	4.30	142	102836	41.700	ug/l	96
11) Tert butyl alcohol	5.22	59	35736	234.206	ug/l	98
12) 1,1-Dichloroethene	4.07	96	106698	44.675	ug/l	99
13) Acrolein	3.92	56	36269	212.845	ug/l	90
14) Allyl chloride	4.71	41	125422	45.857	ug/l	98
15) Acrylonitrile	5.42	53	92330	240.322	ug/l	96
16) Acetone	4.16	43	88023	216.790	ug/l	99
17) Carbon Disulfide	4.40	76	270046	39.662	ug/l	99
18) Methyl Acetate	4.72	43	49810	53.785	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	238360	50.192	ug/l	99
20) Methylene Chloride	4.97	84	129080	49.594	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	129829	47.238	ug/l	95
22) Diisopropyl ether	6.37	45	251435	50.324	ug/l	95
23) Vinyl Acetate	6.31	43	712940	250.814	ug/l	95
24) 1,1-Dichloroethane	6.27	63	205286	47.999	ug/l	98
25) 2-Butanone	7.21	43	115705	249.994	ug/l	99
26) 2,2-Dichloropropane	7.21	77	200786	45.547	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	147248	48.884	ug/l	99
28) Bromochloromethane	7.54	49	73101	50.111	ug/l	97
29) Tetrahydrofuran	7.56	42	66031	256.652	ug/l	95
30) Chloroform	7.71	83	251182	49.163	ug/l	92
31) Cyclohexane	7.98	56	137567	41.197	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	244878	48.849	ug/l	97
36) 1,1-Dichloropropene	8.11	75	169098	46.268	ug/l	99
37) Ethyl Acetate	7.29	43	53018	49.306	ug/l #	90
38) Carbon Tetrachloride	8.10	117	227626	48.730	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	175979	46.058	ug/l	99
40) Benzene	8.36	78	489829	48.854	ug/l	100
41) Methacrylonitrile	7.53	41	30460	52.420	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	158787	50.605	ug/l	100
43) Isopropyl Acetate	8.46	43	104666	49.054	ug/l #	58
44) Trichloroethene	9.12	130	158504	49.375	ug/l	87
45) 1,2-Dichloropropane	9.39	63	115574	49.737	ug/l	98
46) Dibromomethane	9.48	93	71530	49.406	ug/l	95
47) Bromodichloromethane	9.67	83	199995	51.559	ug/l	99
48) Methyl methacrylate	9.46	41	55612	53.633	ug/l	92
49) 1,4-Dioxane	9.47	88	14573	1041.391	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	276944	260.234	ug/l	99
52) Toluene	10.41	92	343164	50.251	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	175795	51.591	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	199439	50.012	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	101680	51.503	ug/l	96
56) Ethyl methacrylate	10.67	69	107630	52.566	ug/l	100
57) 1,3-Dichloropropane	10.95	76	158986	50.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	293123	279.065	ug/l	99
59) 2-Hexanone	10.99	43	191103	262.790	ug/l	99
60) Dibromochloromethane	11.14	129	147815	51.339	ug/l	99
61) 1,2-Dibromoethane	11.25	107	98149	50.428	ug/l	99
64) Tetrachloroethene	10.88	164	138823	46.684	ug/l	94
65) Chlorobenzene	11.67	112	387116	49.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	159250	50.911	ug/l	99
67) Ethyl Benzene	11.75	91	663335	49.168	ug/l	100
68) m/p-Xylenes	11.86	106	522425	100.558	ug/l	96
69) o-Xylene	12.18	106	236219	49.101	ug/l	100
70) Styrene	12.20	104	422756	51.048	ug/l	99
71) Bromoform	12.36	173	84867	50.502	ug/l #	99
73) Isopropylbenzene	12.48	105	673700	50.798	ug/l	100
74) N-amyl acetate	12.29	43	98307	49.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	98471	48.458	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	137177	94.714	ug/l #	100
77) Bromobenzene	12.77	156	168639	51.003	ug/l	98
78) n-propylbenzene	12.83	91	771158	50.186	ug/l	100
79) 2-Chlorotoluene	12.91	91	439158	49.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	584562	50.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31611	49.495	ug/l	96
82) 4-Chlorotoluene	13.01	91	478167	50.558	ug/l	99
83) tert-Butylbenzene	13.23	119	504104	51.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	578949	50.826	ug/l	99
85) sec-Butylbenzene	13.41	105	649899	48.652	ug/l	99
86) p-Isopropyltoluene	13.52	119	631304	50.070	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	313213	49.215	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	313085	49.655	ug/l	99
89) n-Butylbenzene	13.85	91	550710	49.649	ug/l	100
90) Hexachloroethane	14.11	117	107298	48.767	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	274137	49.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17518	47.452	ug/l	94

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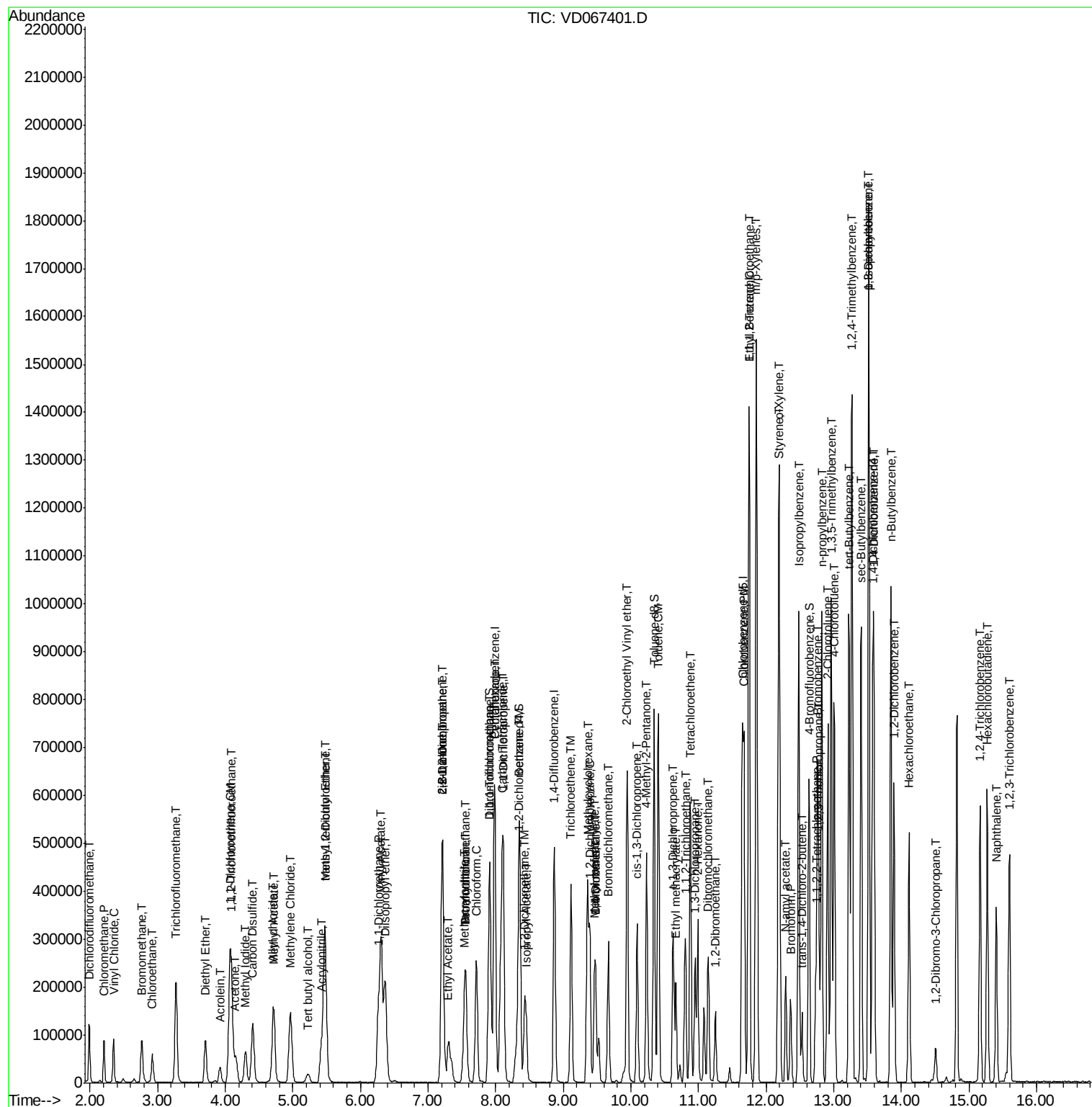
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	192139	51.258	ug/l	98
94) Hexachlorobutadiene	15.27	225	114229	49.073	ug/l	98
95) Naphthalene	15.41	128	326900	53.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	169947	52.480	ug/l	98

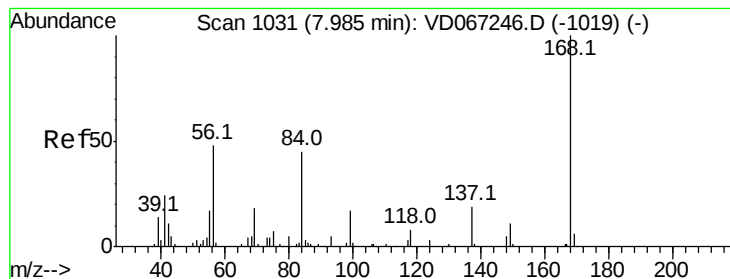
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

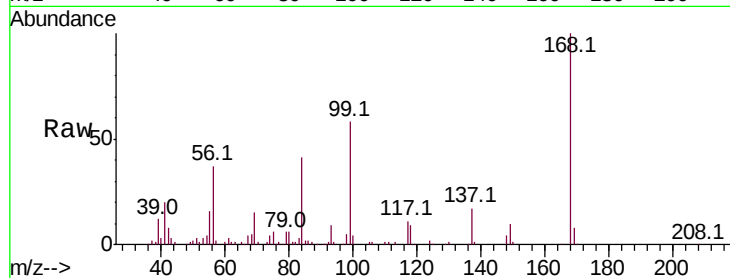
VSTDCCC050EC

Tot Ion:168 Resp: 289381

Ion Ratio Lower Upper

168 100

99 57.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

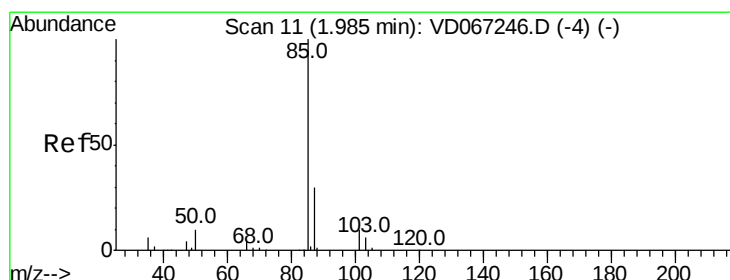
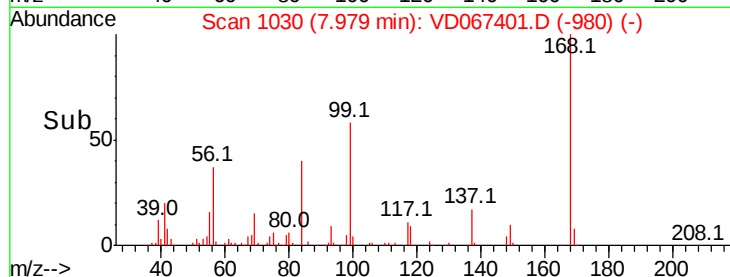
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 39.165 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067401.D

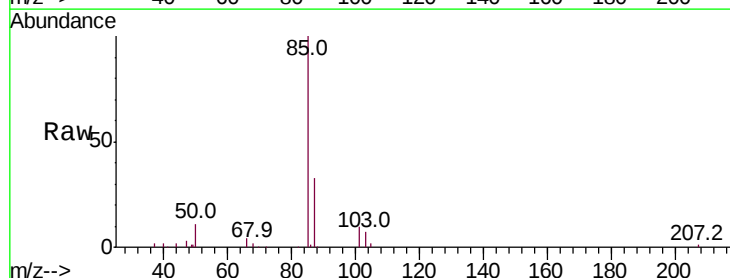
Acq: 26 Oct 2020 19:15

Tgt Ion: 85 Resp: 93176

Ion Ratio Lower Upper

85 100

87 32.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

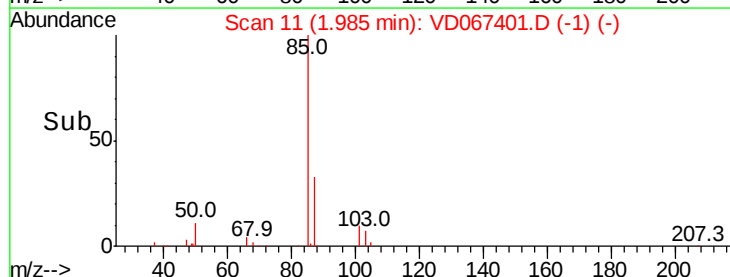
40000

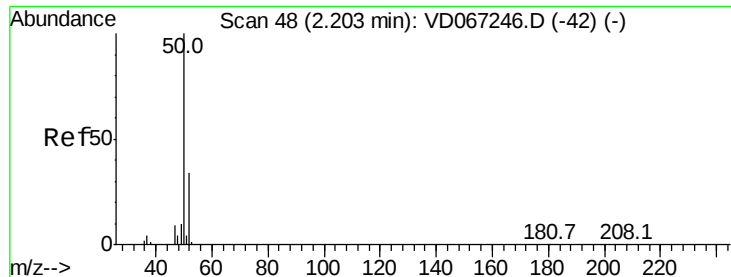
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 38.744 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

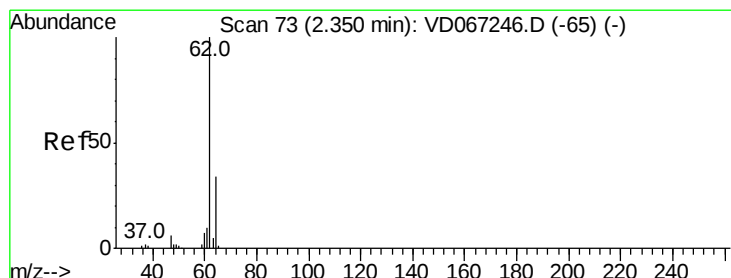
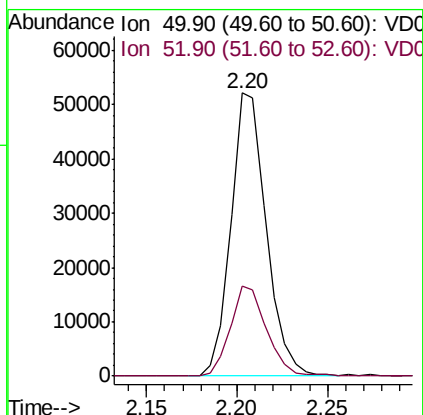
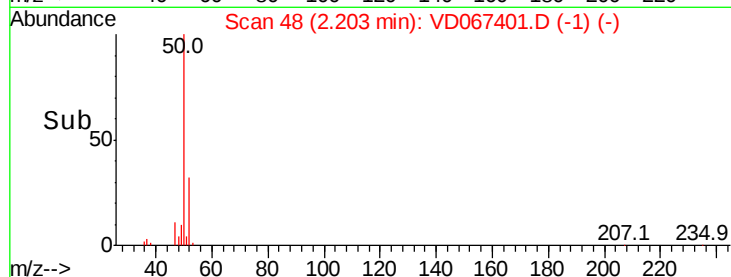
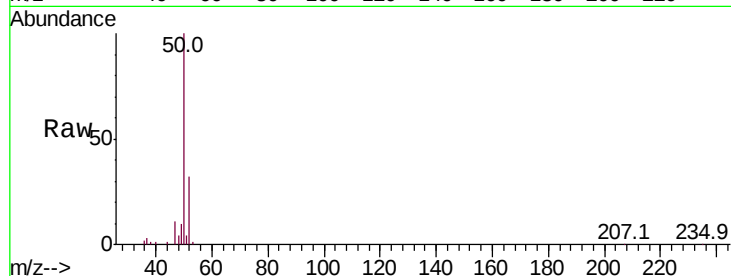
VSTDCCC050EC

Tot Ion: 50 Resp: 70562

Ion Ratio Lower Upper

50 100

52 31.7 27.1 40.7



#4

Vinyl Chloride

Concen: 39.987 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067401.D

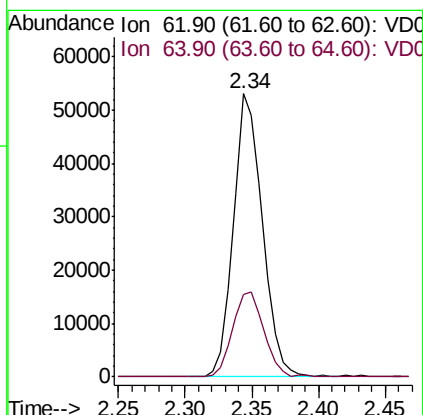
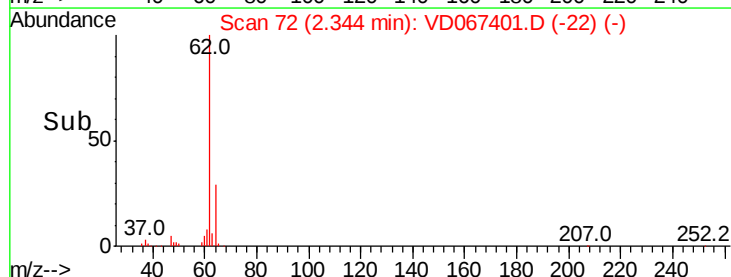
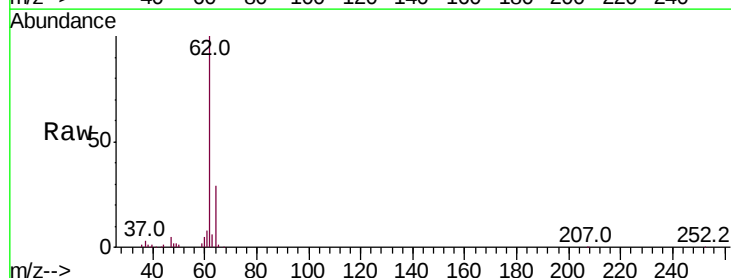
Acq: 26 Oct 2020 19:15

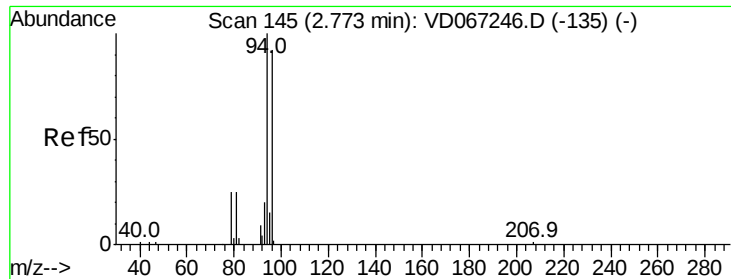
Tgt Ion: 62 Resp: 79904

Ion Ratio Lower Upper

62 100

64 29.1 27.4 41.0





#5

Bromomethane

Concen: 46.002 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

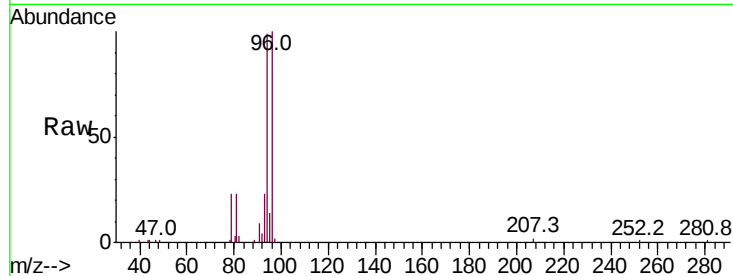
VSTDCCC050EC

Tot Ion: 94 Resp: 64229

Ion Ratio Lower Upper

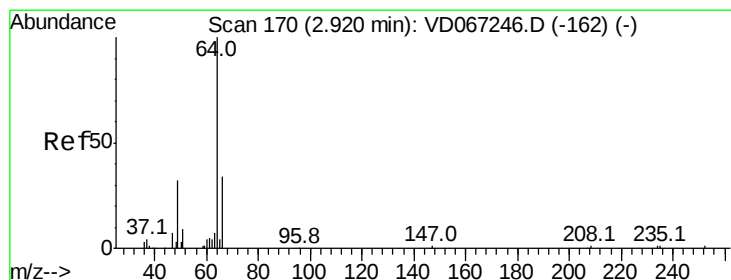
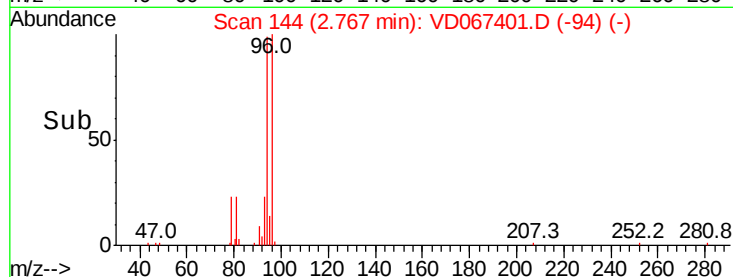
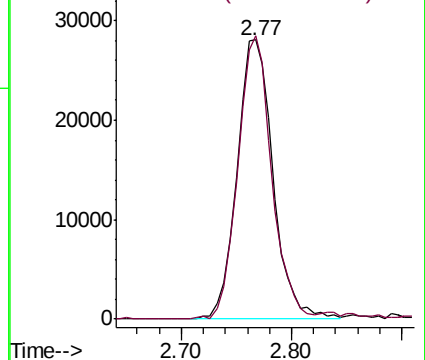
94 100

96 101.4 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 41.925 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067401.D

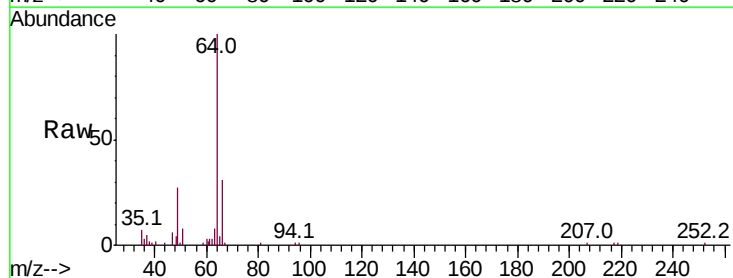
Acq: 26 Oct 2020 19:15

Tgt Ion: 64 Resp: 52174

Ion Ratio Lower Upper

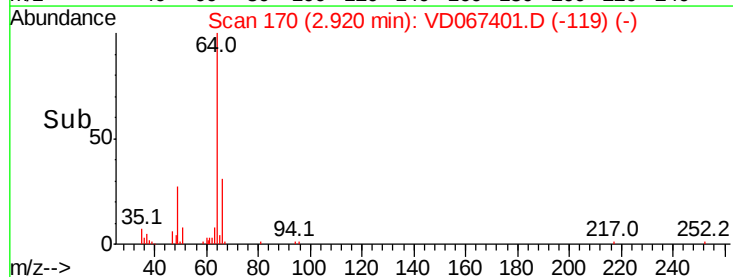
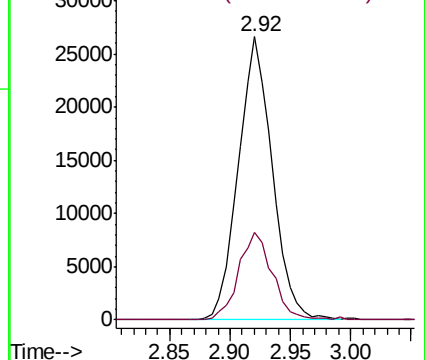
64 100

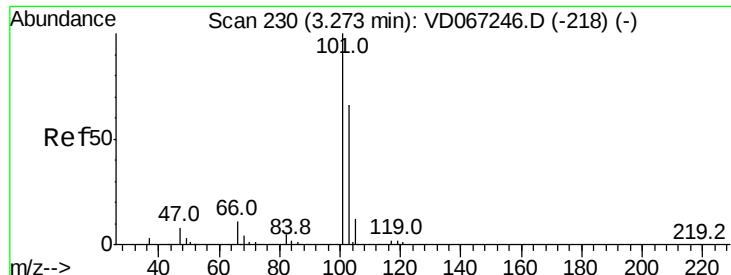
66 30.8 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



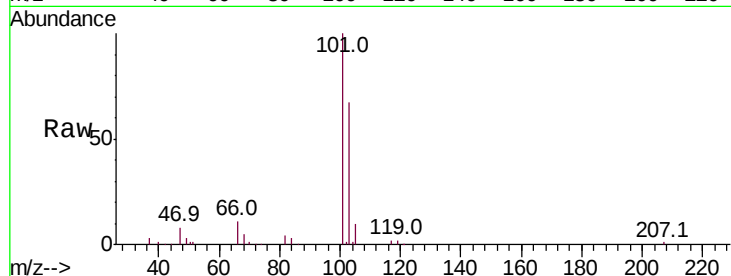


#7

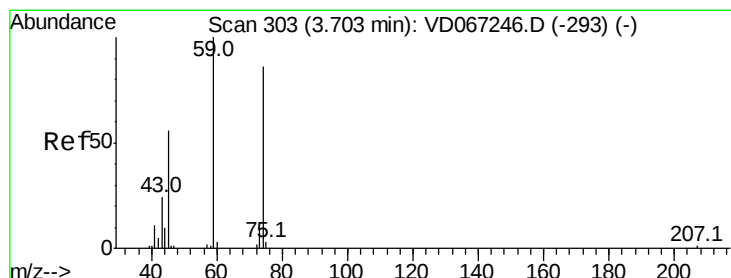
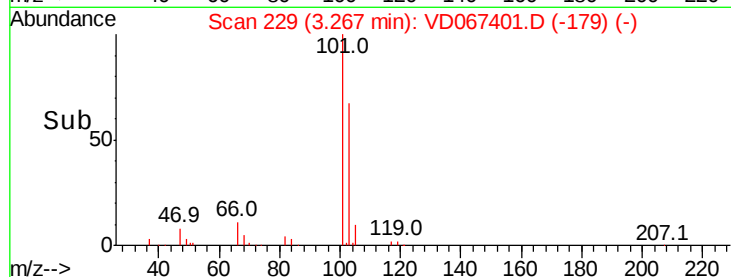
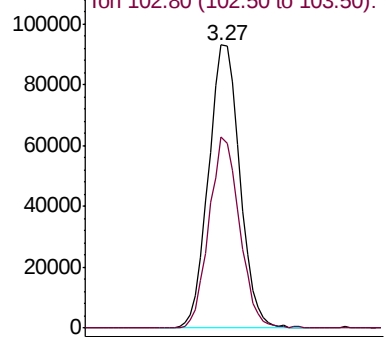
Trichlorofluoromethane
Concen: 44.818 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

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Tot Ion:101 Resp: 225516
Ion Ratio Lower Upper
101 100
103 67.3 53.1 79.7



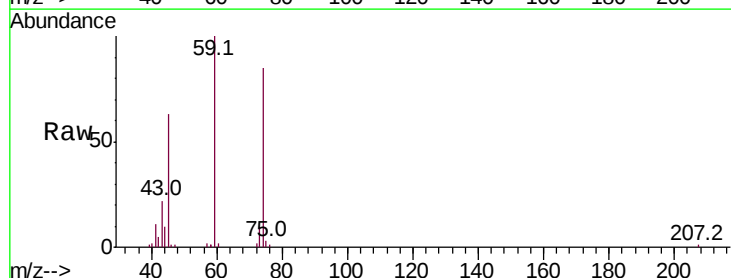
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



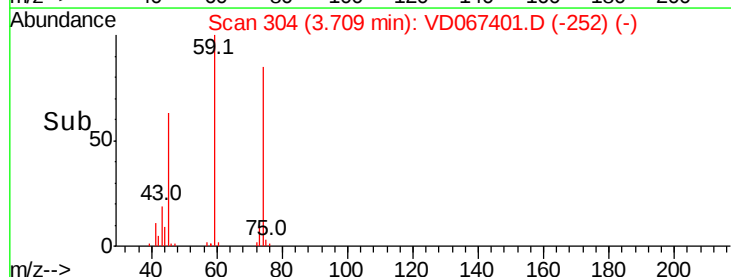
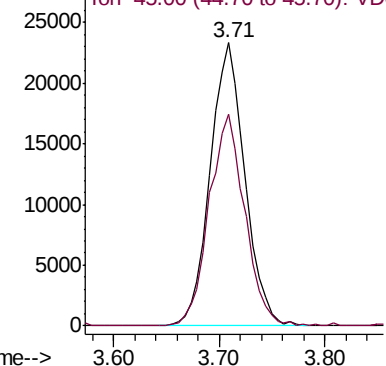
#8

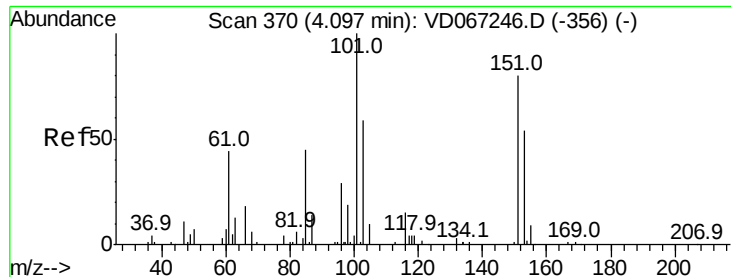
Diethyl Ether
Concen: 46.064 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 74 Resp: 53039
Ion Ratio Lower Upper
74 100
45 77.2 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.463 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

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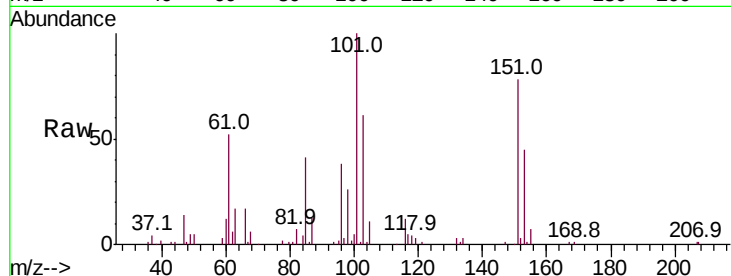
Tot Ion:101 Resp: 121539

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

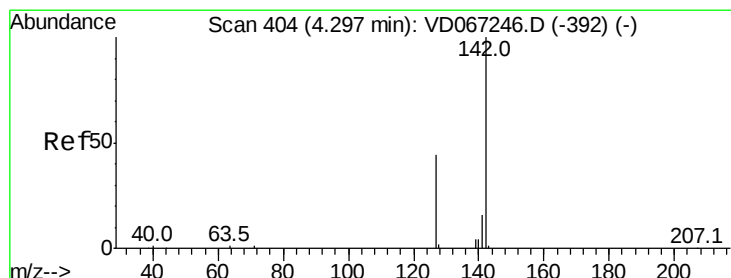
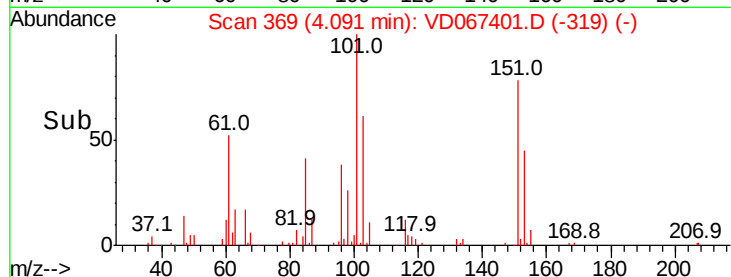
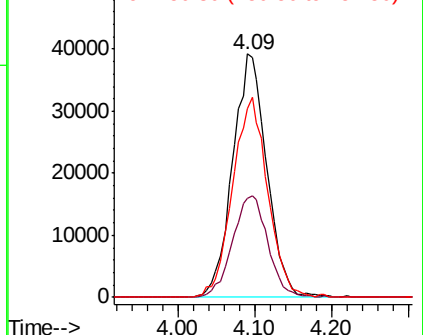
151 84.3 66.3 99.5



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: 41.700 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

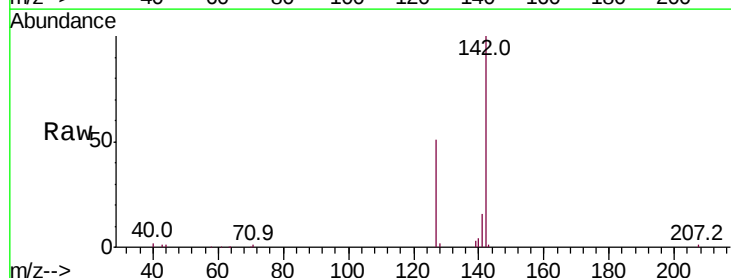
Tgt Ion:142 Resp: 102836

Ion Ratio Lower Upper

142 100

127 51.3 38.4 57.6

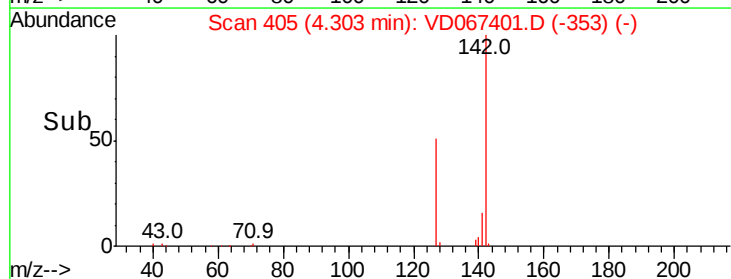
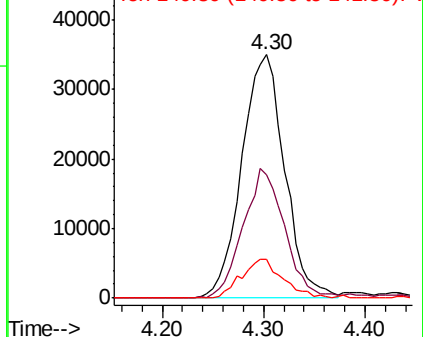
141 15.4 11.6 17.4

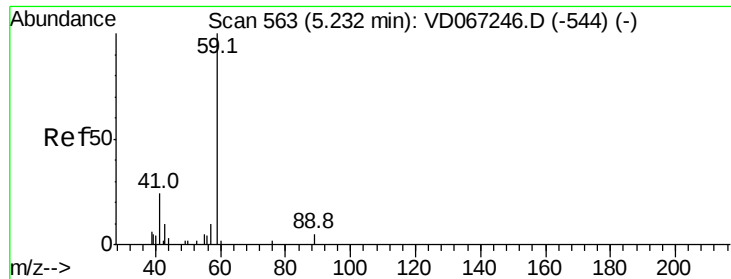


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



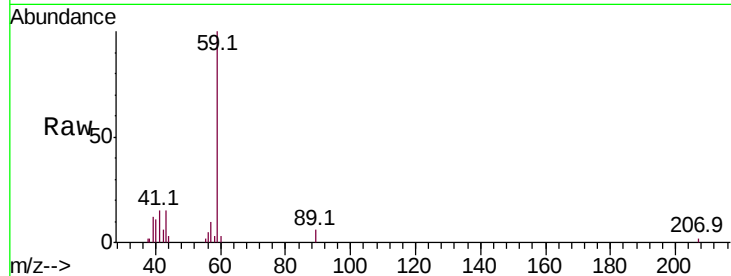


#11

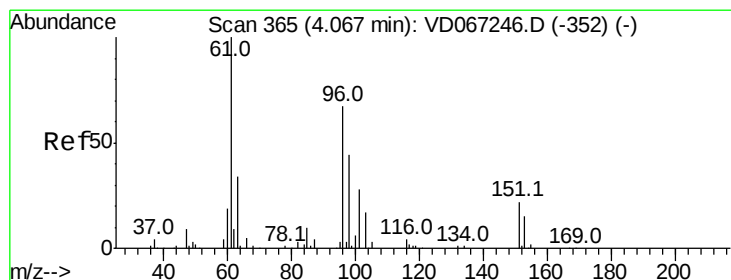
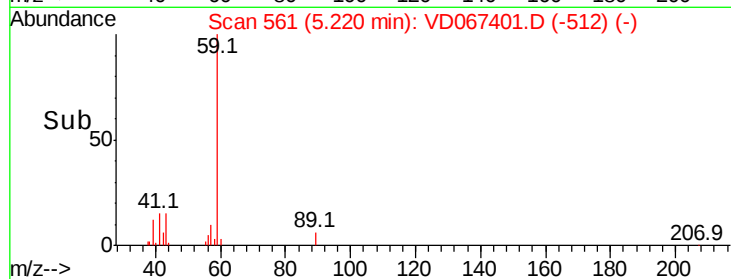
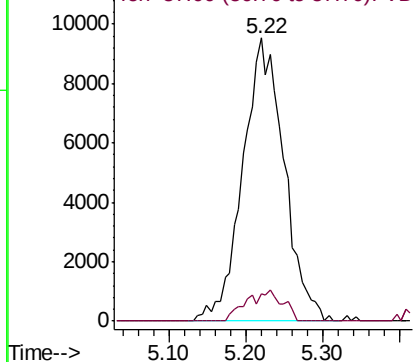
Tert butyl alcohol
 Concen: 234.206 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 35736
 Ion Ratio Lower Upper
 59 100
 57 5.8 5.1 7.7



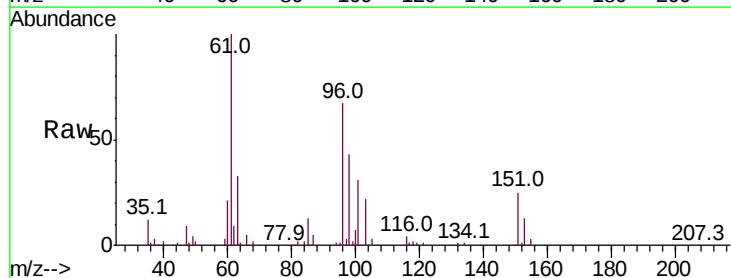
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



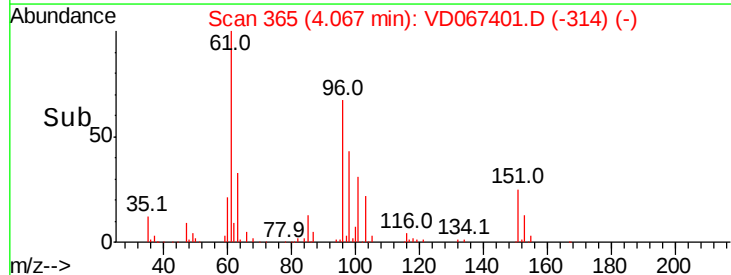
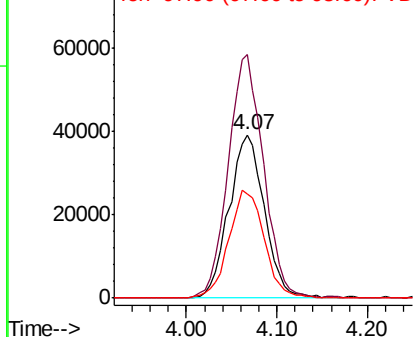
#12

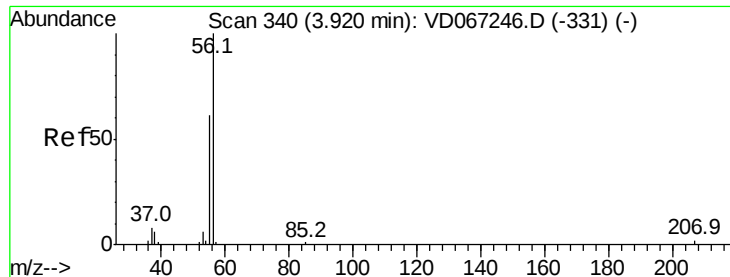
1,1-Dichloroethene
 Concen: 44.675 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion: 96 Resp: 106698
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.6 177.8
 98 64.1 51.8 77.6



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





#13

Acrolein

Concen: 212.845 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

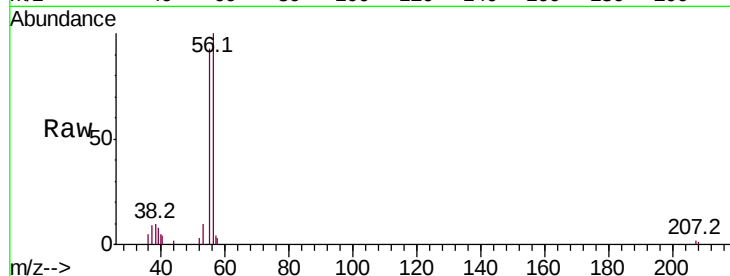
VSTDCCC050EC

Tot Ion: 56 Resp: 36269

Ion Ratio Lower Upper

56 100

55 77.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

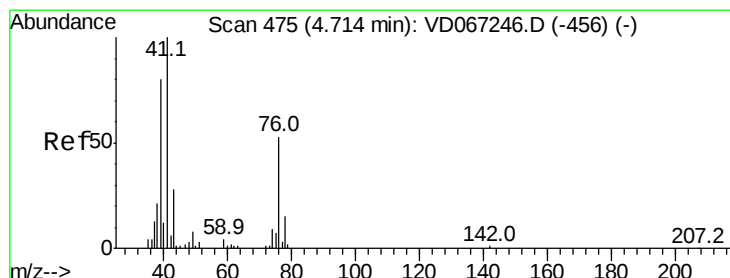
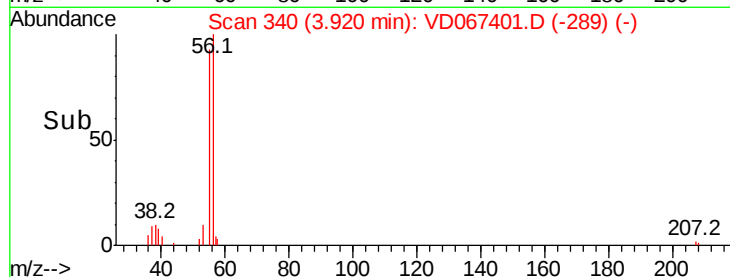
10000

5000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 45.857 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

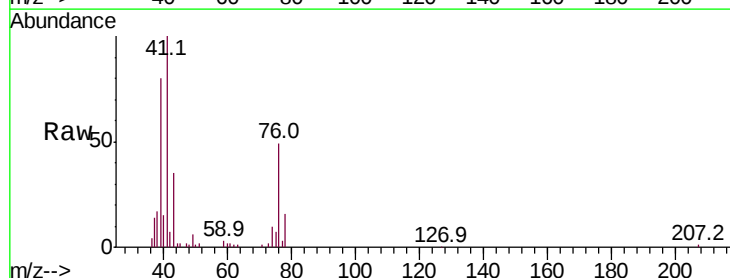
Tgt Ion: 41 Resp: 125422

Ion Ratio Lower Upper

41 100

39 81.3 63.8 95.6

76 49.7 40.4 60.6



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

50000

40000

30000

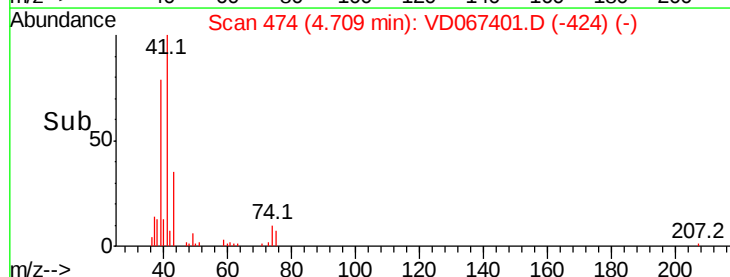
20000

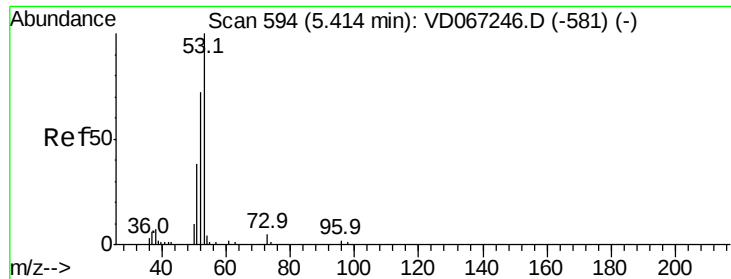
10000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 240.322 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

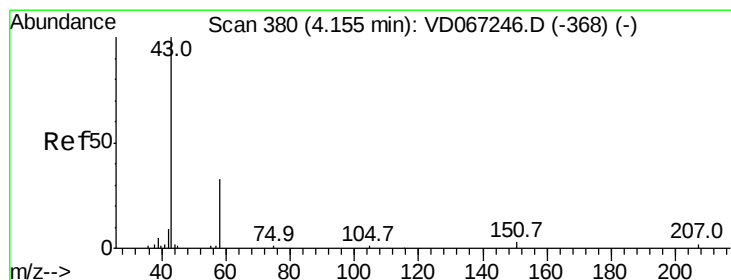
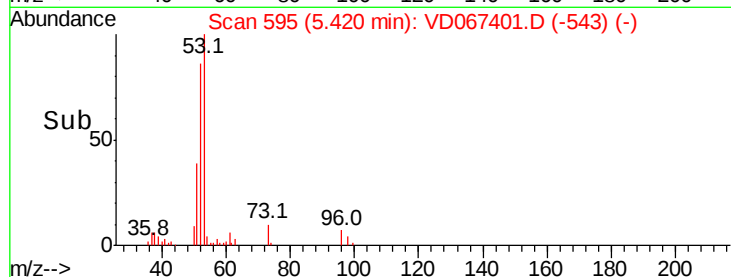
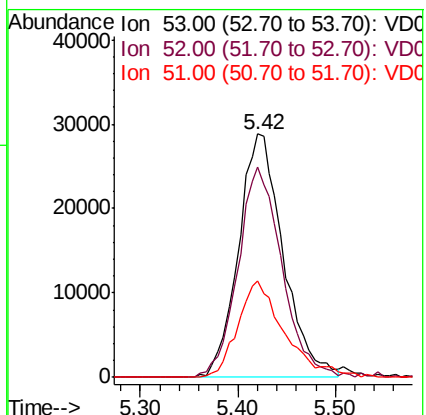
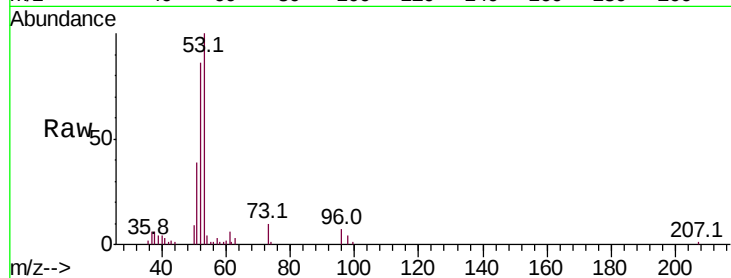
Tot Ion: 53 Resp: 92330

Ion Ratio Lower Upper

53 100

52 85.2 65.6 98.4

51 41.3 30.8 46.2



#16

Acetone

Concen: 216.790 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067401.D

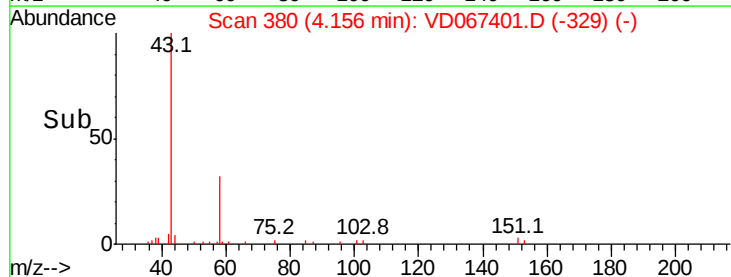
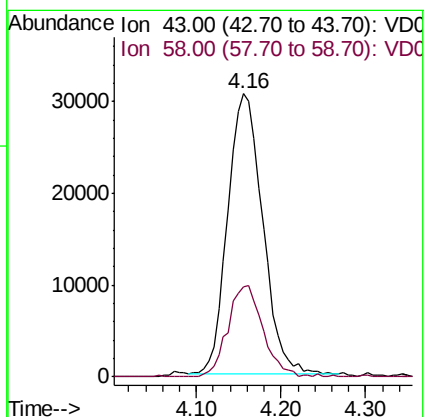
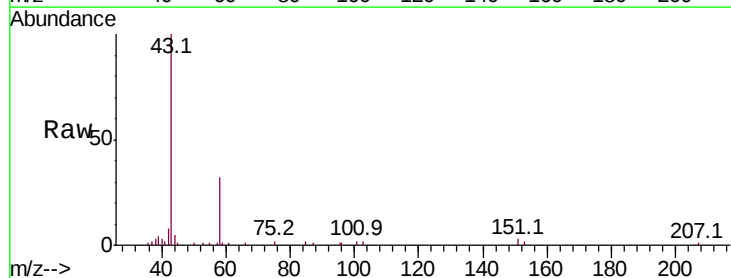
Acq: 26 Oct 2020 19:15

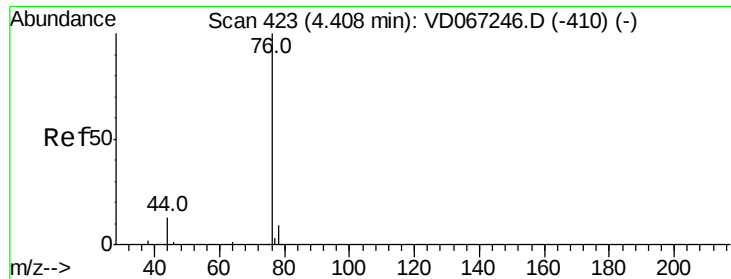
Tgt Ion: 43 Resp: 88023

Ion Ratio Lower Upper

43 100

58 32.0 26.1 39.1

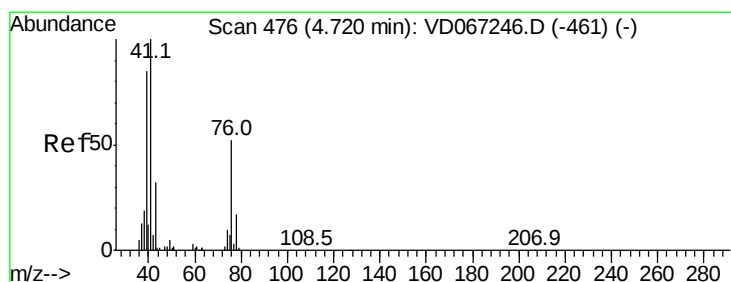
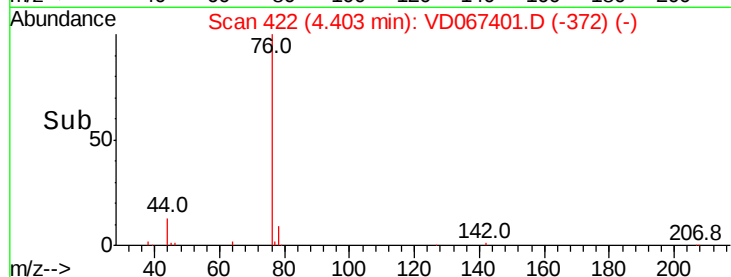
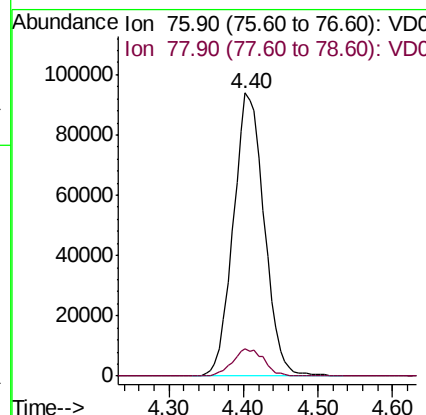
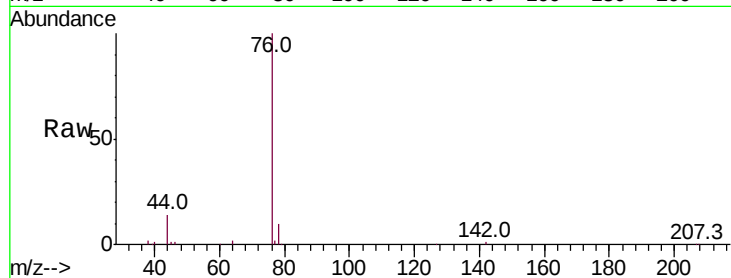




#17
Carbon Disulfide
Concen: 39.662 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

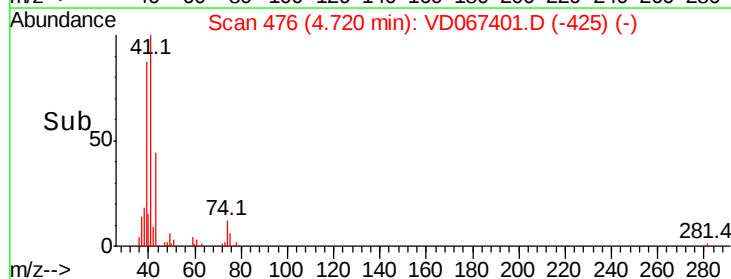
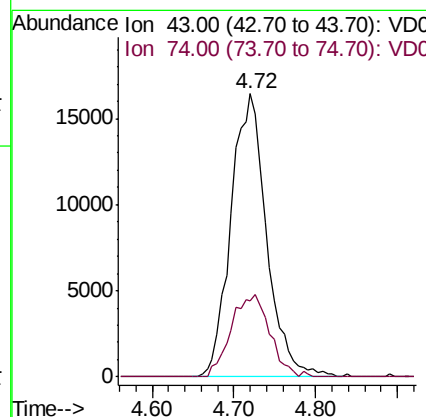
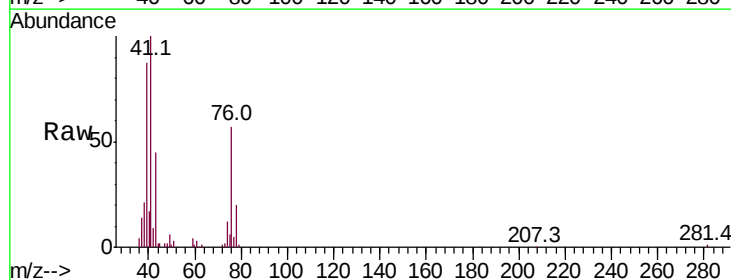
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

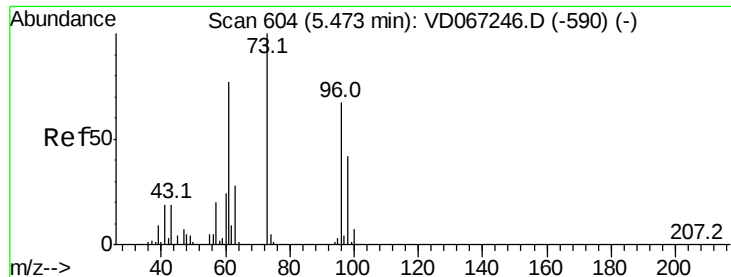
Tot Ion: 76 Resp: 270046
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 53.785 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 43 Resp: 49810
Ion Ratio Lower Upper
43 100
74 31.2 26.6 39.8



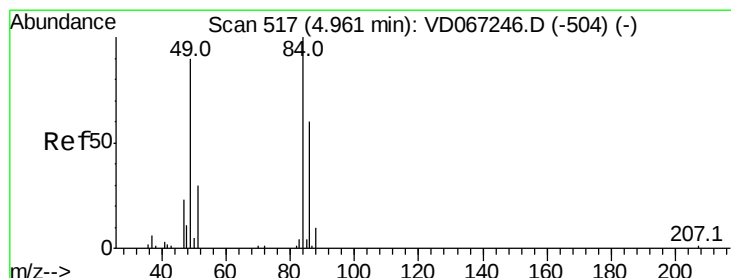
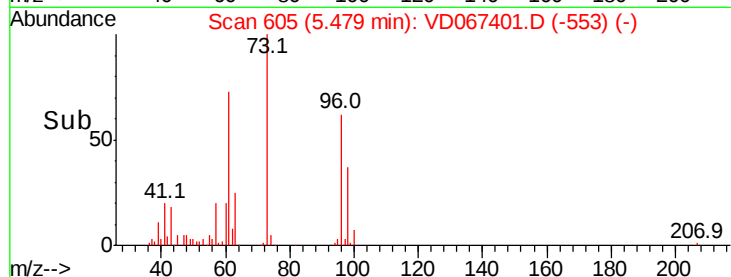
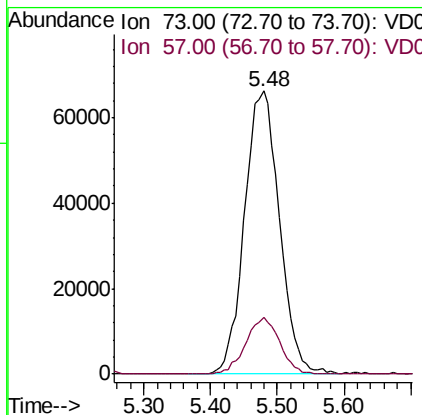
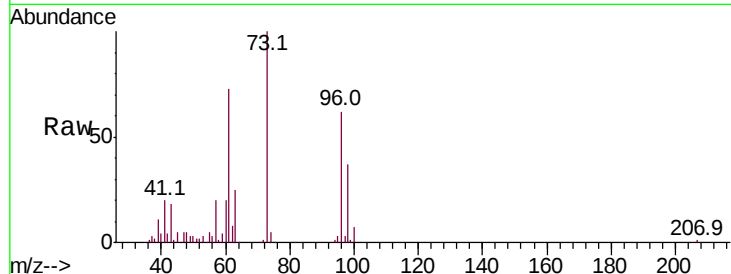


#19

Methyl tert-butyl Ether
 Concen: 50.192 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

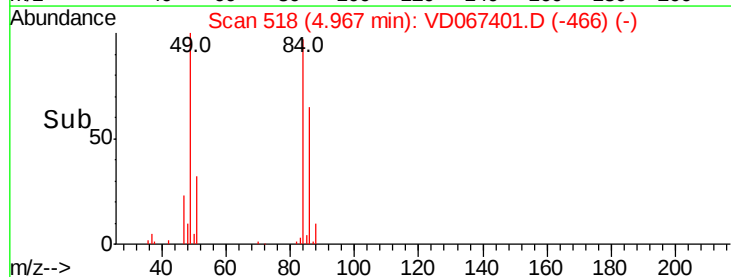
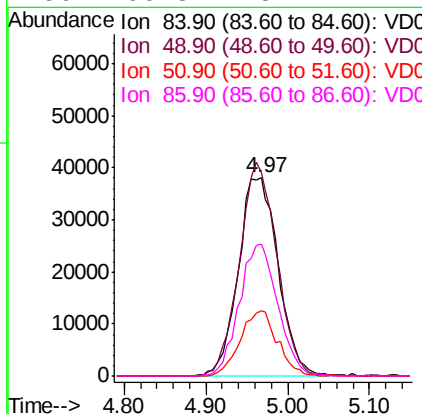
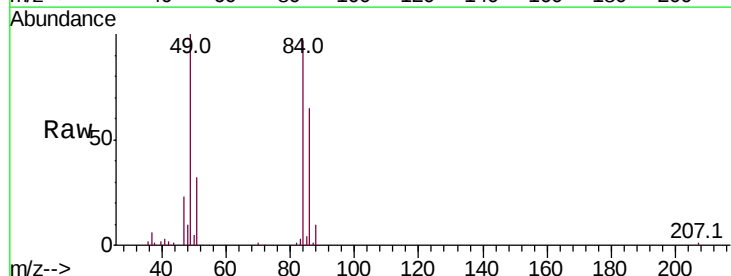
Tot Ion: 73 Resp: 238360
 Ion Ratio Lower Upper
 73 100
 57 20.0 15.7 23.5

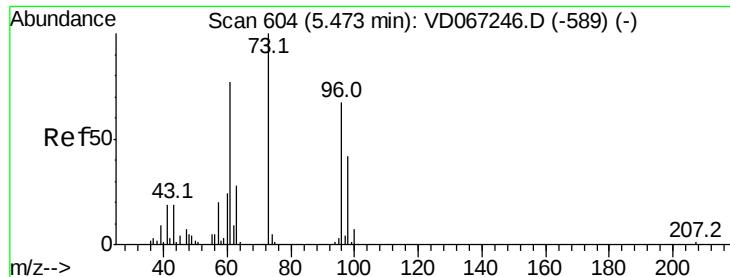


#20

Methylene Chloride
 Concen: 49.594 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion: 84 Resp: 129080
 Ion Ratio Lower Upper
 84 100
 49 102.6 72.2 108.2
 51 32.8 23.8 35.8
 86 66.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 47.238 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

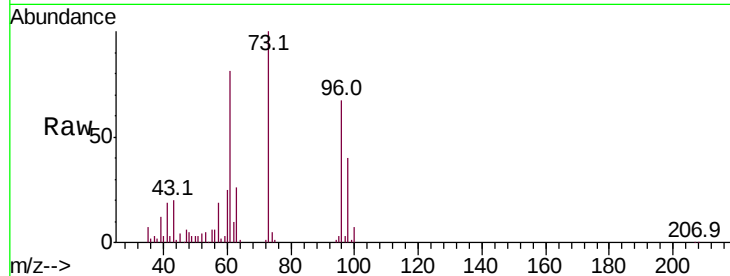
Tot Ion: 96 Resp: 129829

Ion Ratio Lower Upper

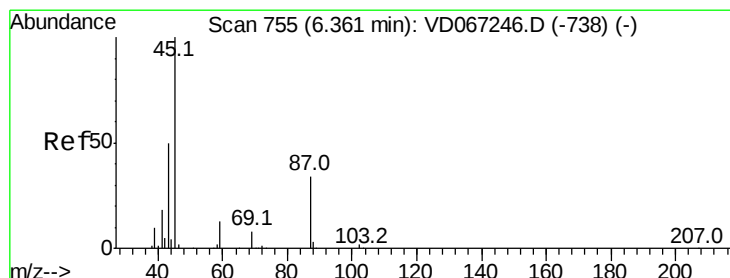
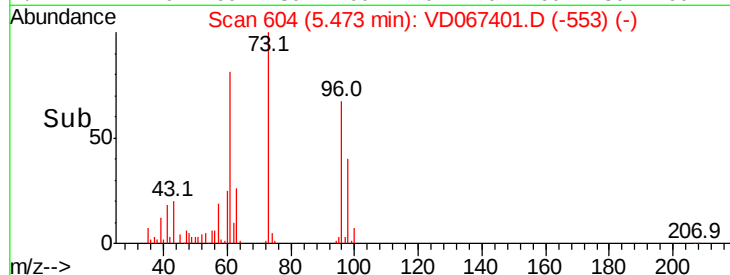
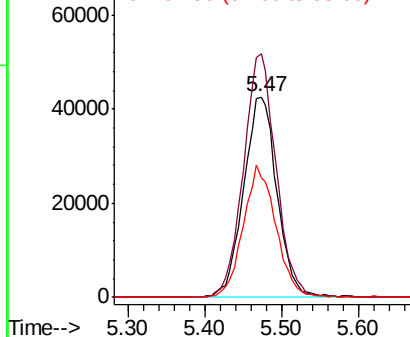
96 100

61 121.5 92.0 138.0

98 59.9 49.8 74.8



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



#22

Diisopropyl ether

Concen: 50.324 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Tgt Ion: 45 Resp: 251435

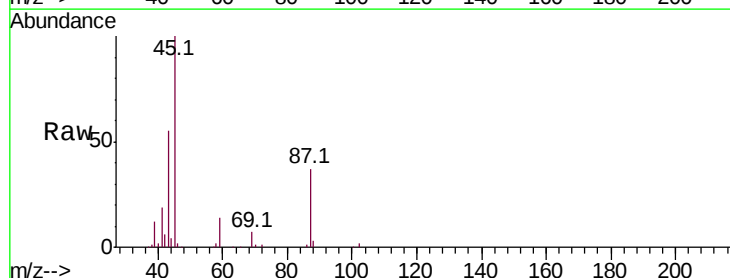
Ion Ratio Lower Upper

45 100

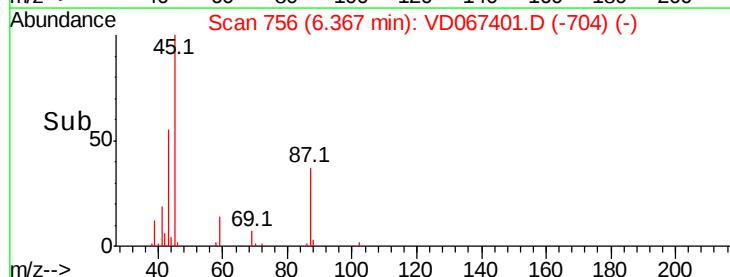
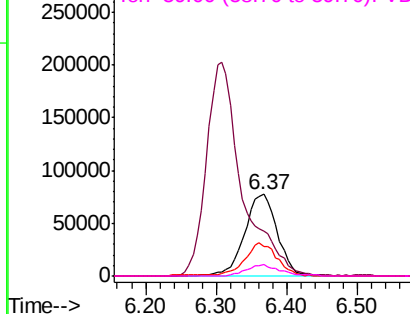
43 54.6 48.0 72.0

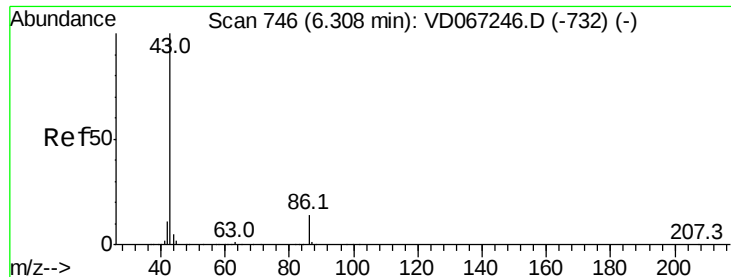
87 36.7 28.5 42.7

59 13.8 10.5 15.7



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: 250.814 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

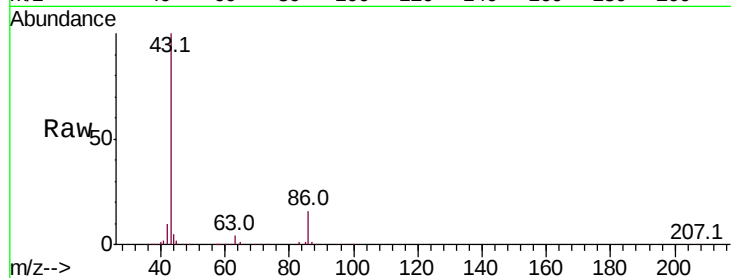
VSTDCCC050EC

Tot Ion: 43 Resp: 712940

Ion Ratio Lower Upper

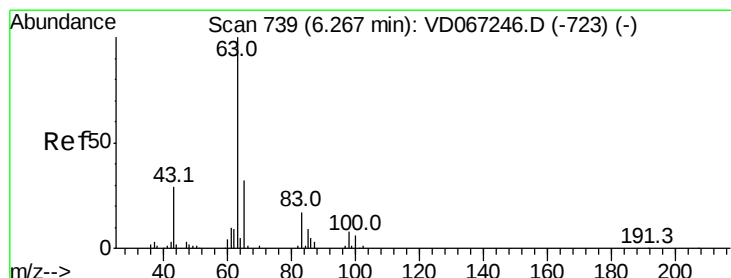
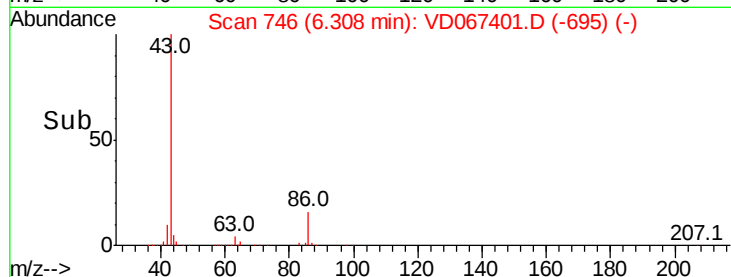
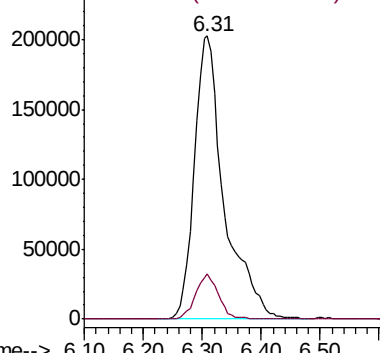
43 100

86 15.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.999 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

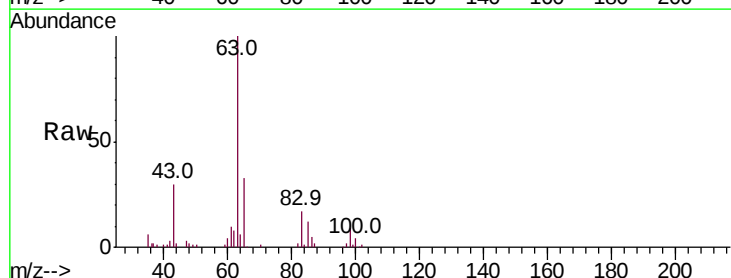
Tgt Ion: 63 Resp: 205286

Ion Ratio Lower Upper

63 100

98 8.6 4.0 12.2

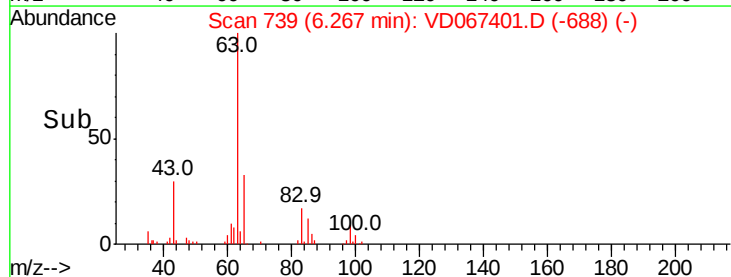
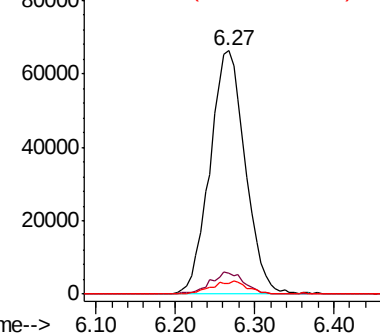
100 4.3 2.8 8.4

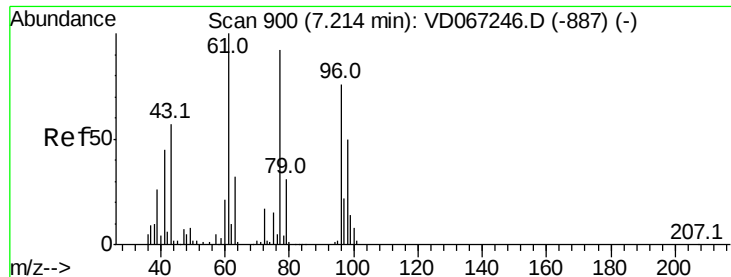


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 249.994 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

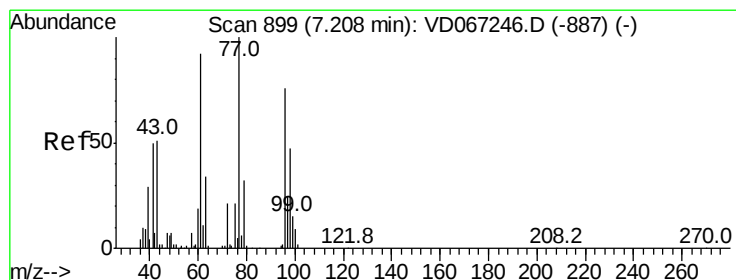
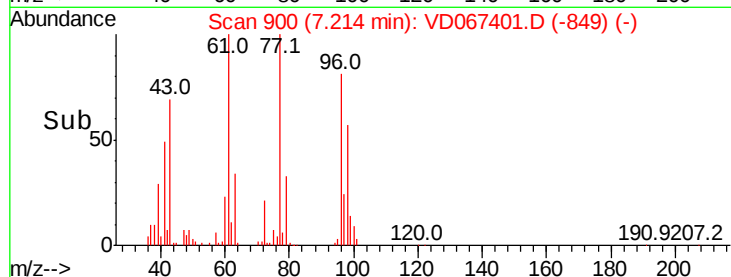
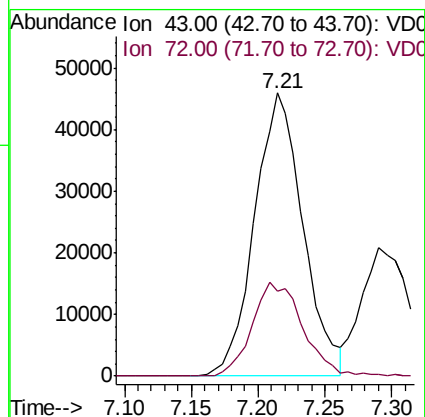
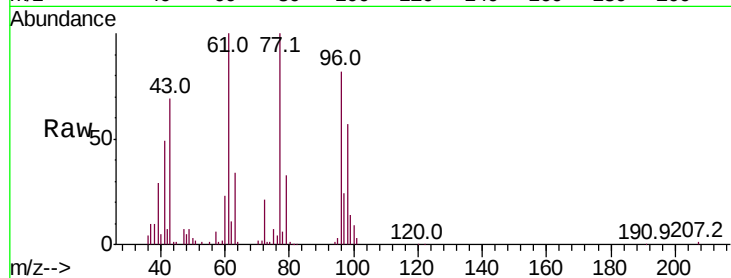
VSTDCCC050EC

Tot Ion: 43 Resp: 115705

Ion Ratio Lower Upper

43 100

72 29.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 45.547 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067401.D

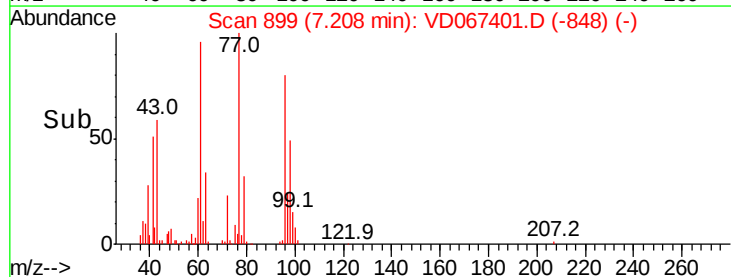
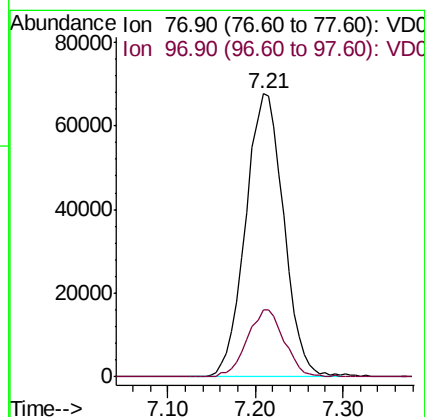
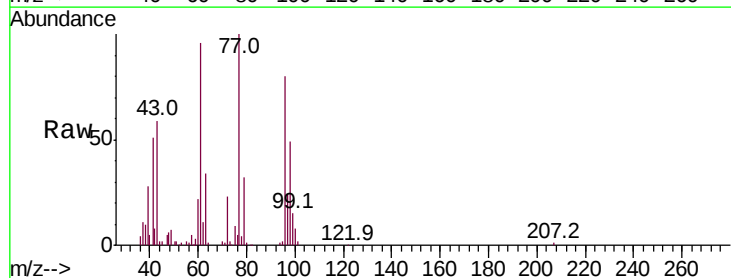
Acq: 26 Oct 2020 19:15

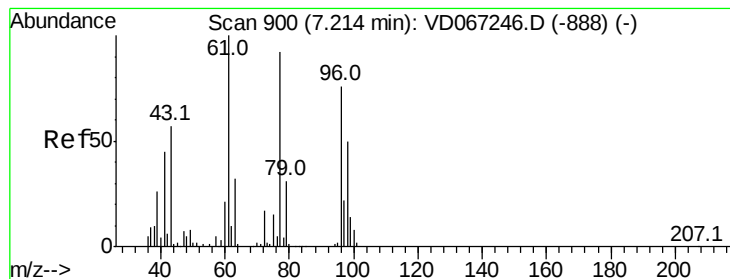
Tgt Ion: 77 Resp: 200786

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



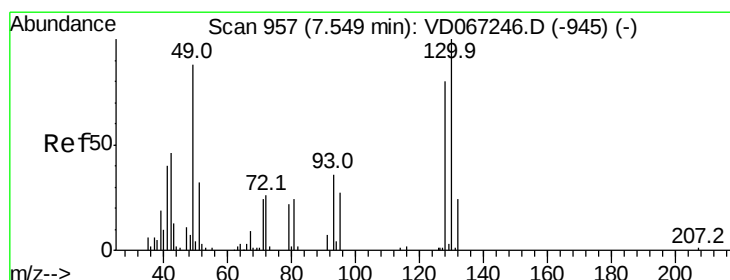
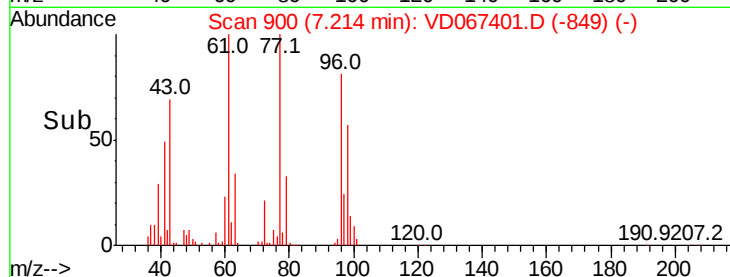
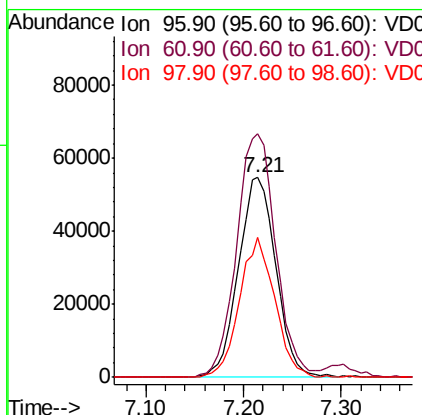
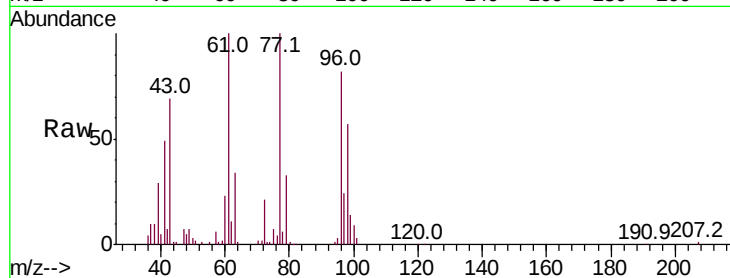


#27

cis-1,2-Dichloroethene
 Concen: 48.884 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

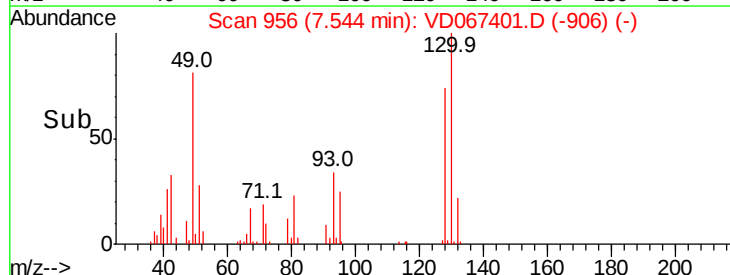
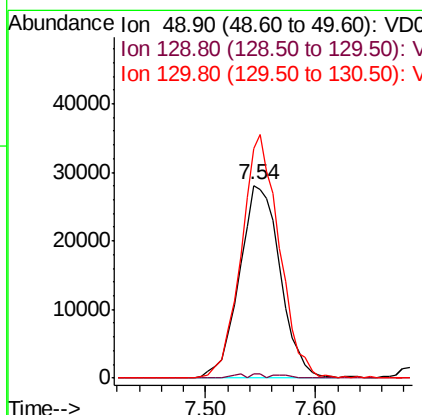
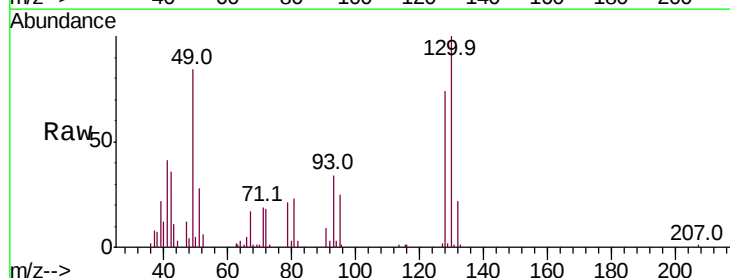
Tot Ion	96	Resp	147248
Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	255.4
98	65.9	0.0	128.0

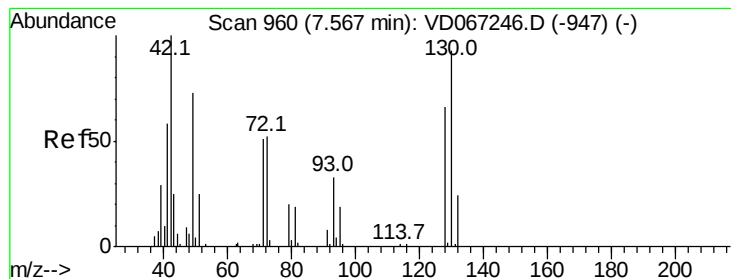


#28

Bromochloromethane
 Concen: 50.111 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion	49	Resp	73101
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.6
130	117.3	91.0	136.6





#29

Tetrahydrofuran

Concen: 256.652 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

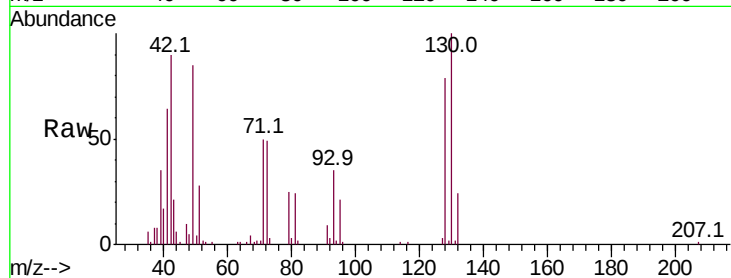
Tot Ion: 42 Resp: 66031

Ion Ratio Lower Upper

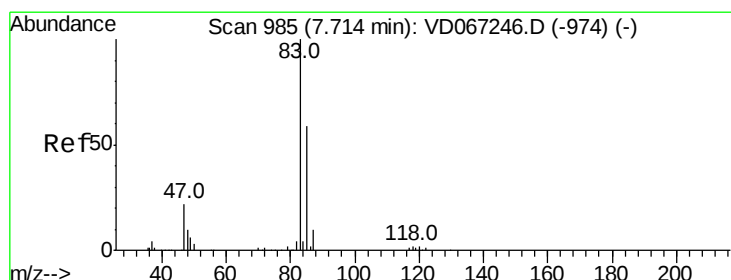
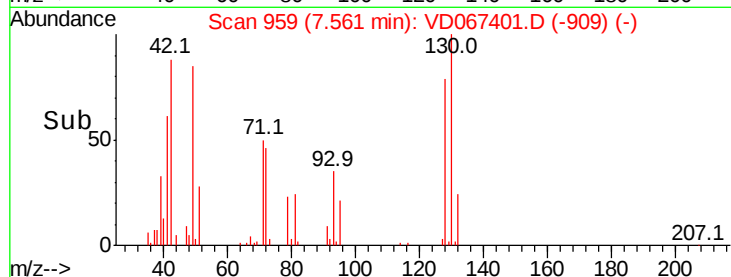
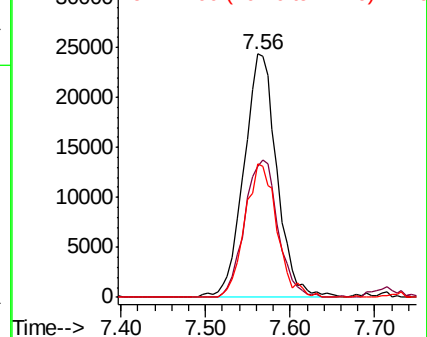
42 100

72 57.3 43.2 64.8

71 53.3 39.4 59.0



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



#30

Chloroform

Concen: 49.163 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067401.D

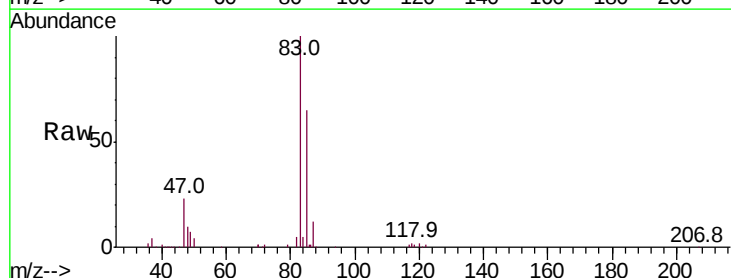
Acq: 26 Oct 2020 19:15

Tgt Ion: 83 Resp: 251182

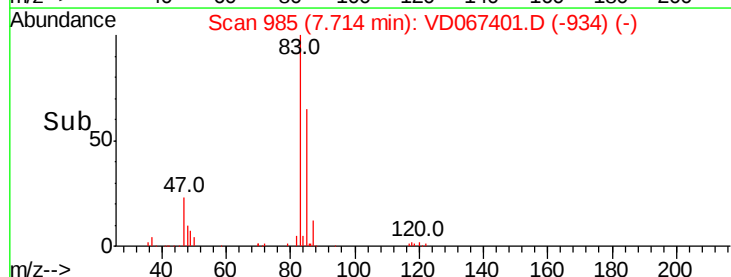
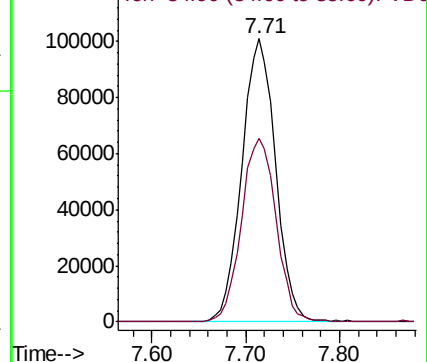
Ion Ratio Lower Upper

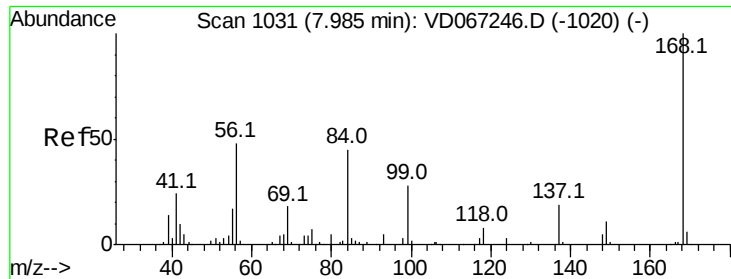
83 100

85 65.0 47.3 70.9



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

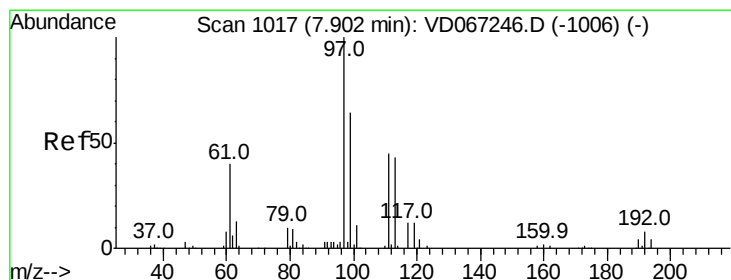
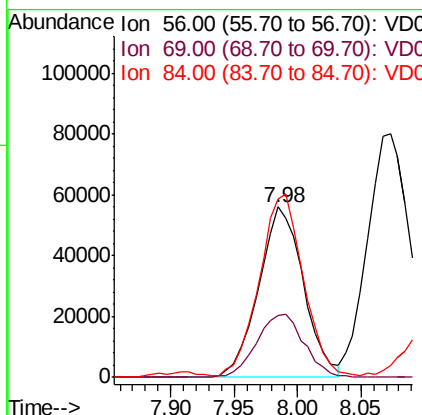
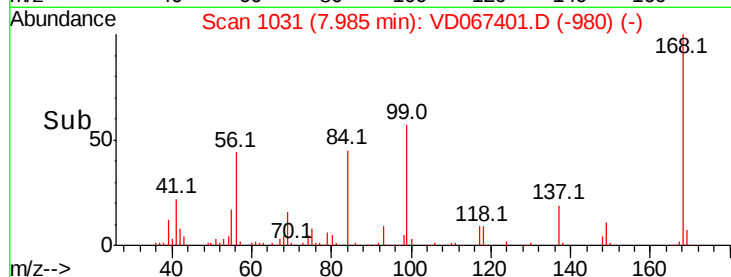
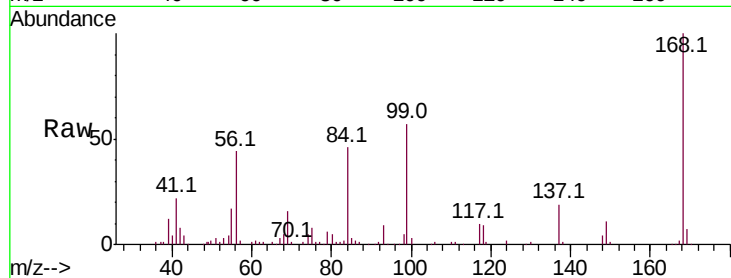




#31
Cyclohexane
Concen: 41.197 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

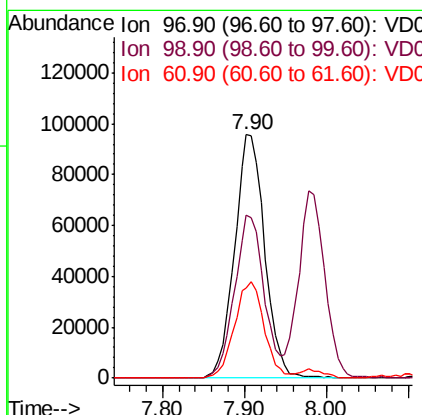
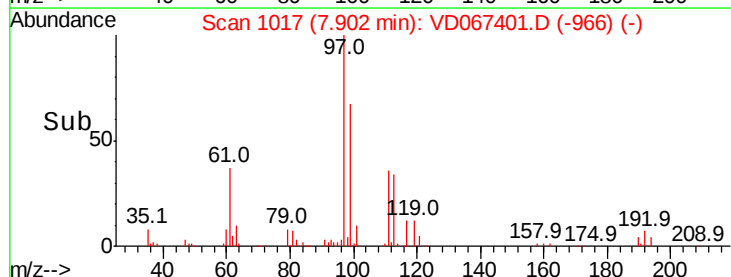
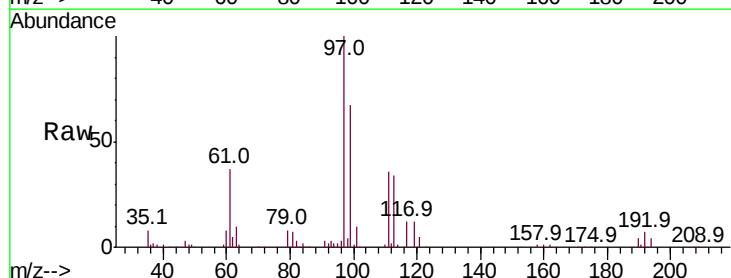
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

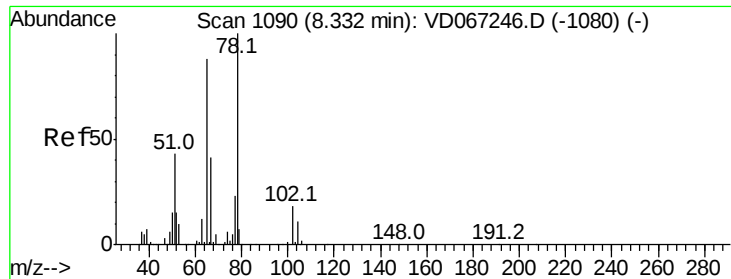
Tot Ion: 56 Resp: 137567
Ion Ratio Lower Upper
56 100
69 36.6 29.8 44.6
84 101.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.849 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 97 Resp: 244878
Ion Ratio Lower Upper
97 100
99 65.4 50.2 75.4
61 39.0 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.750 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

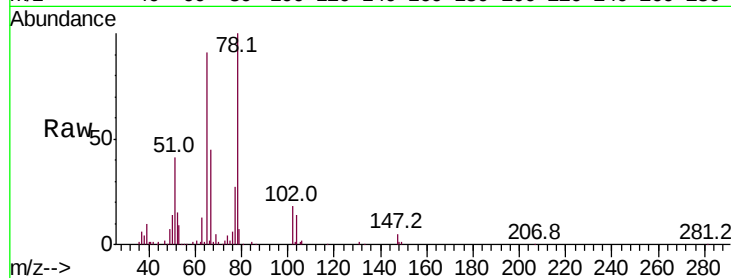
VSTDCCC050EC

Tot Ion: 65 Resp: 144233

Ion Ratio Lower Upper

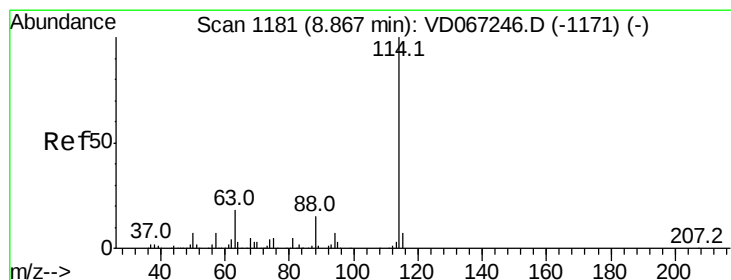
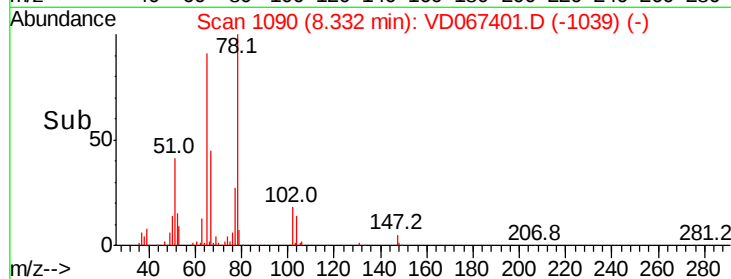
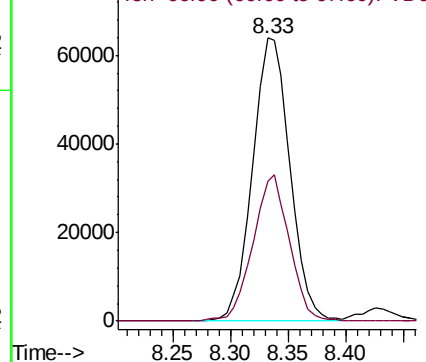
65 100

67 50.4 0.0 103.8



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. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

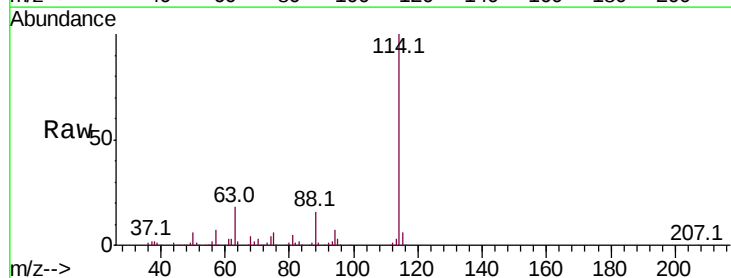
Tgt Ion: 114 Resp: 431207

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

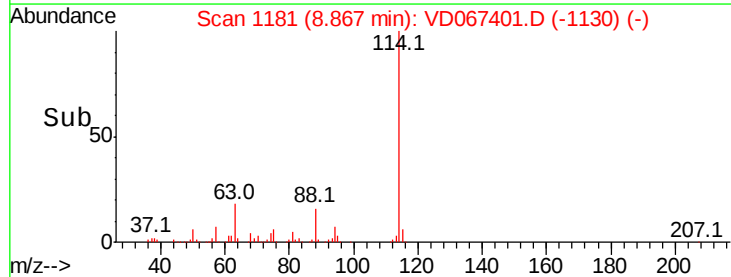
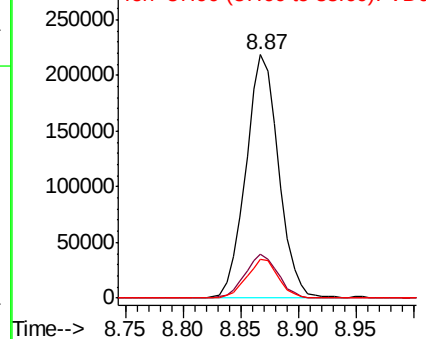
88 16.0 0.0 30.6

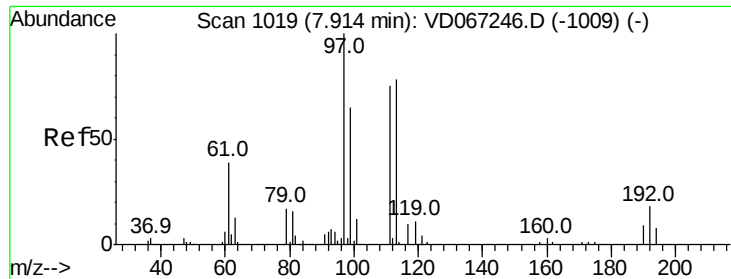


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

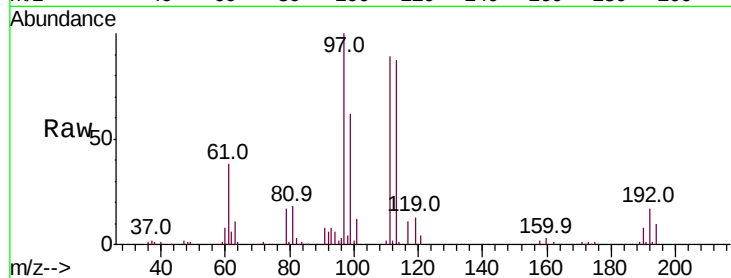




#35
 Dibromofluoromethane
 Concen: 50.586 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	20.1	17.0	25.4

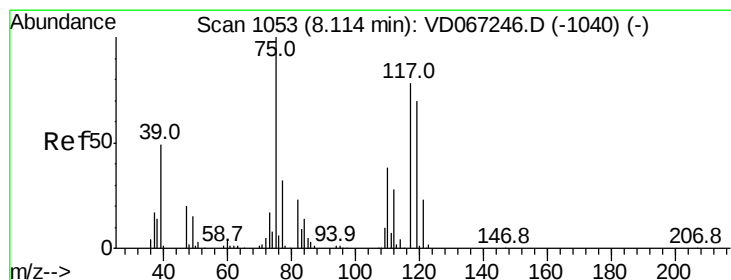
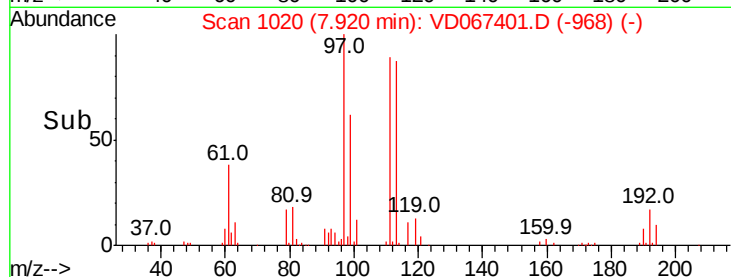
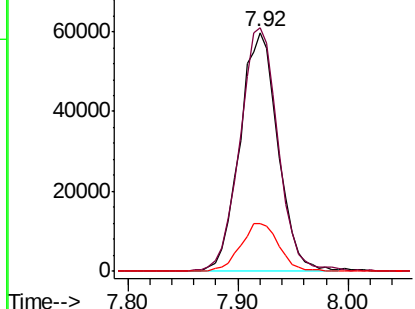


Abundance

Ion 112.80 (112.50 to 113.50): V

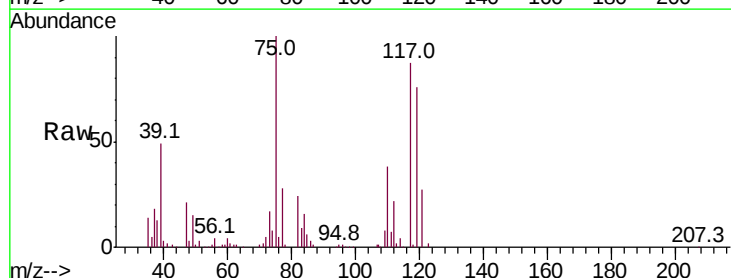
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 46.268 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.6	58.7
77	31.9	24.6	37.0

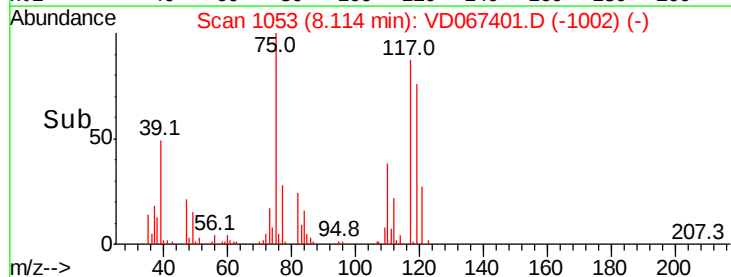
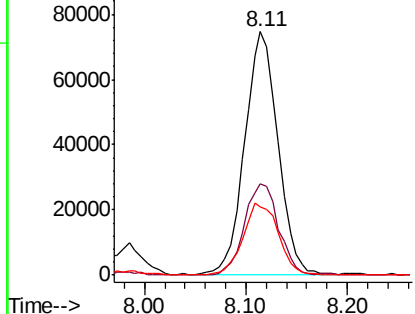


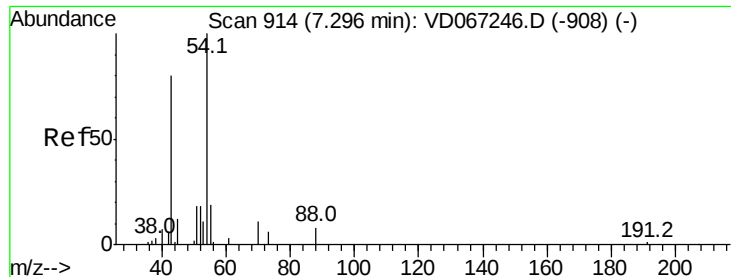
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 49.306 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

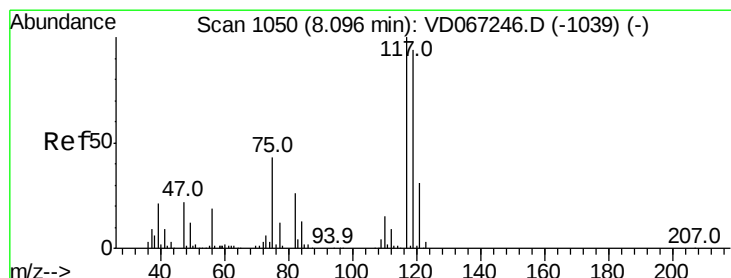
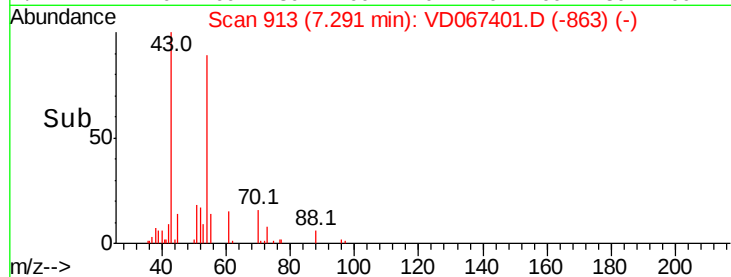
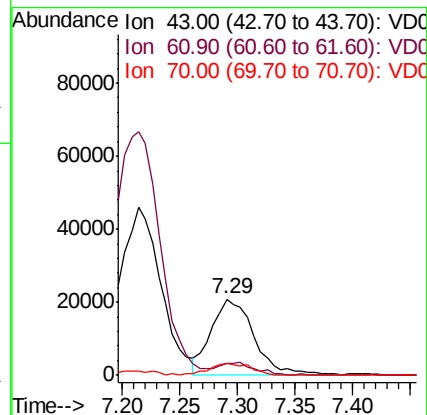
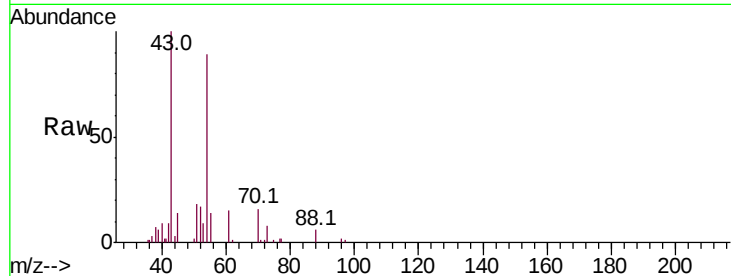
Tot Ion: 43 Resp: 53018

Ion Ratio Lower Upper

43 100

61 14.0 15.6 23.4#

70 15.8 10.4 15.6#



#38

Carbon Tetrachloride

Concen: 48.730 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

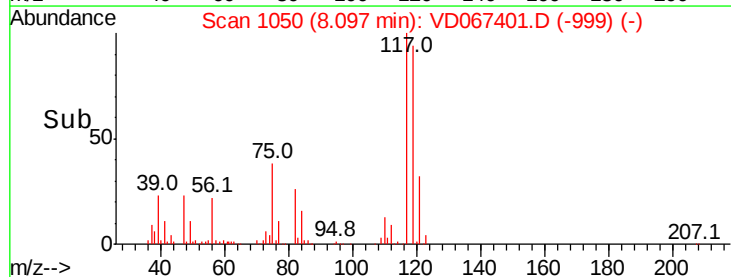
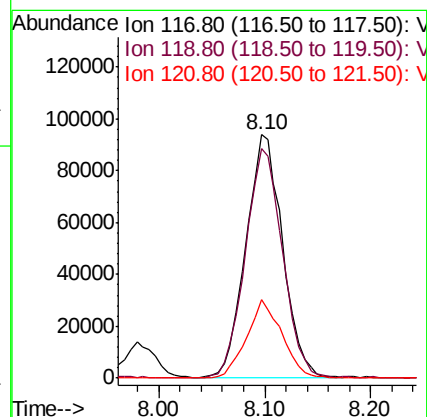
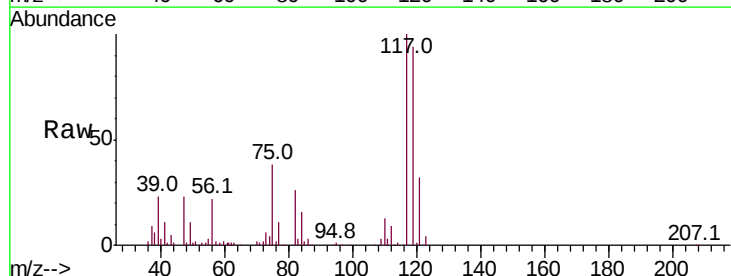
Tgt Ion: 117 Resp: 227626

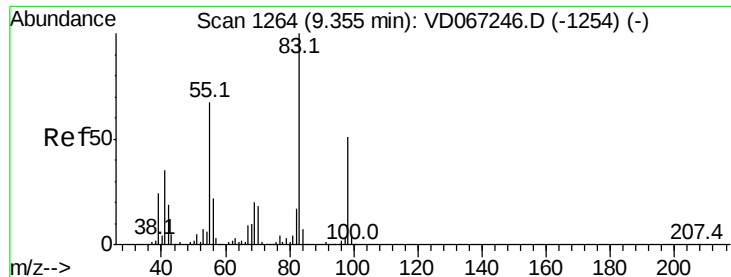
Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.4

121 32.0 24.9 37.3

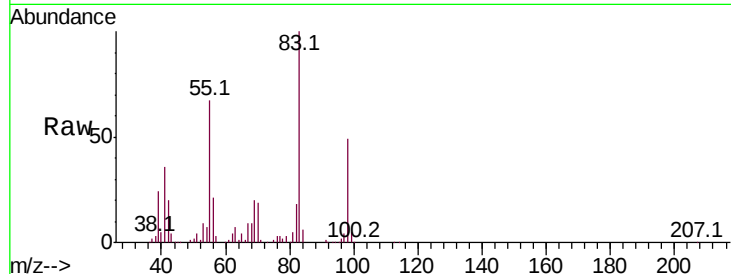




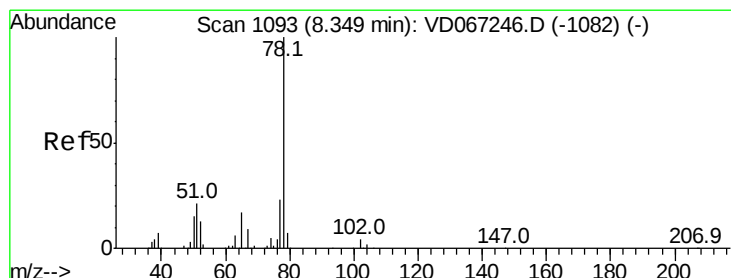
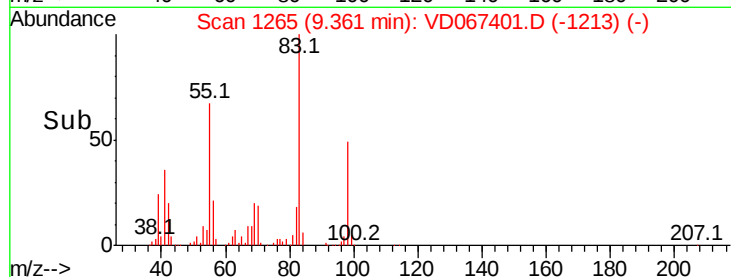
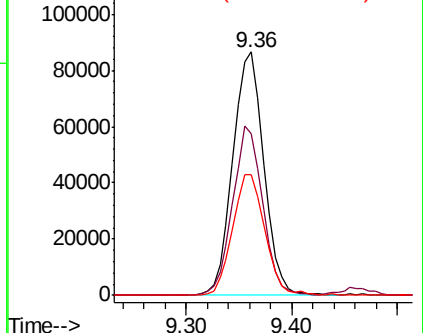
#39
Methvlcvclohexane
Concen: 46.058 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 175979
Ion Ratio Lower Upper
83 100
55 66.7 53.3 79.9
98 49.5 41.0 61.4

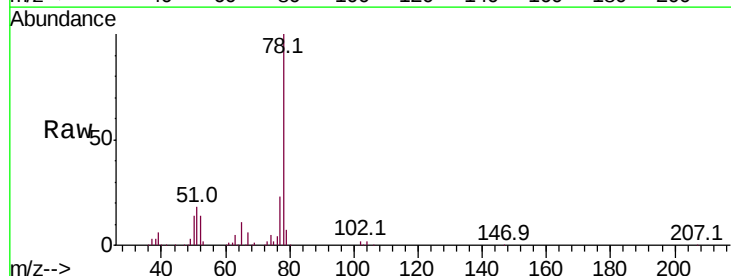


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

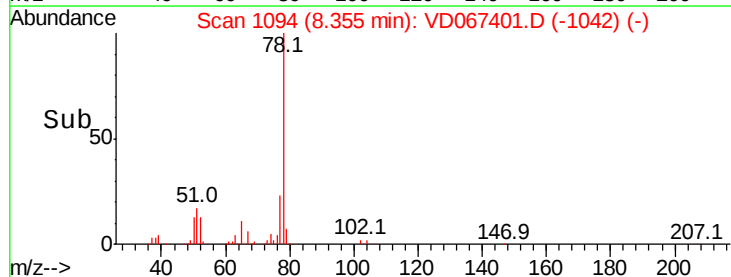
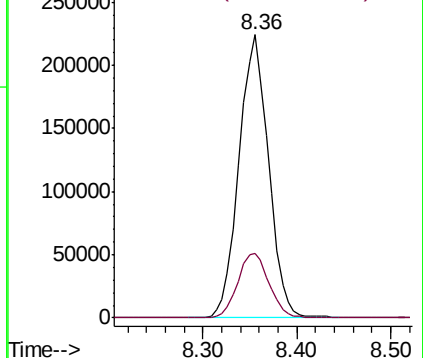


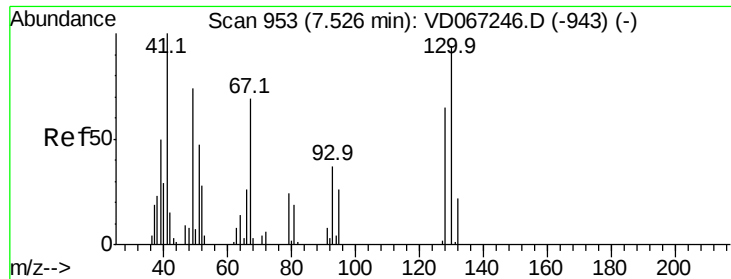
#40
Benzene
Concen: 48.854 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 78 Resp: 489829
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5



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

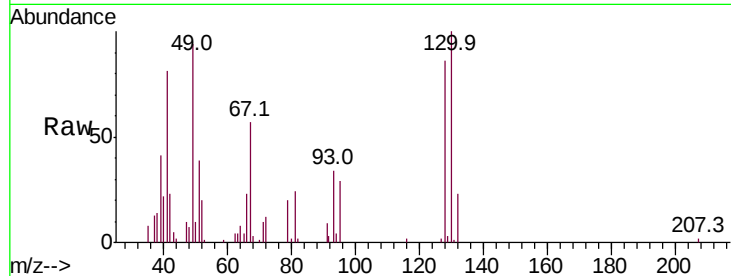




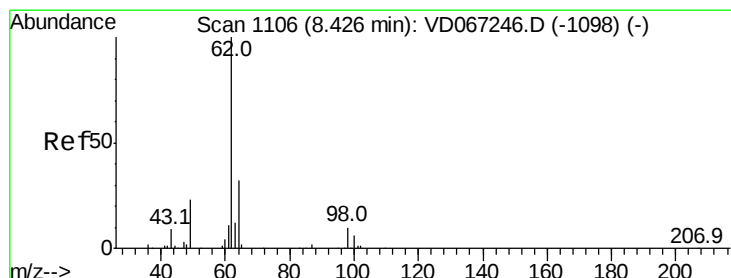
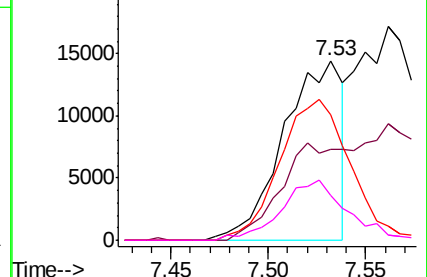
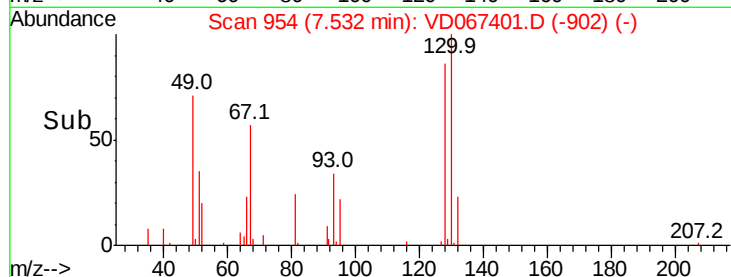
#41
Methacrylonitrile
Concen: 52.420 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 30460
Ion Ratio Lower Upper
41 100
39 55.3 60.0 90.0#
67 93.0 88.9 133.3
52 37.0 36.9 55.3

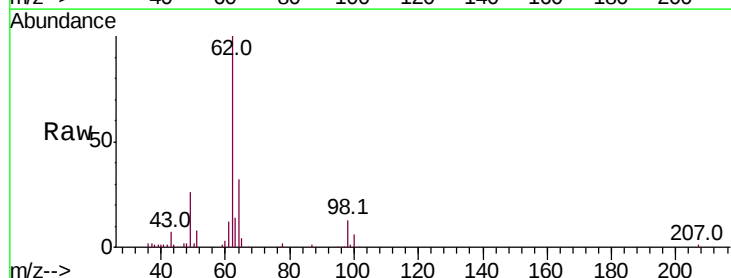


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

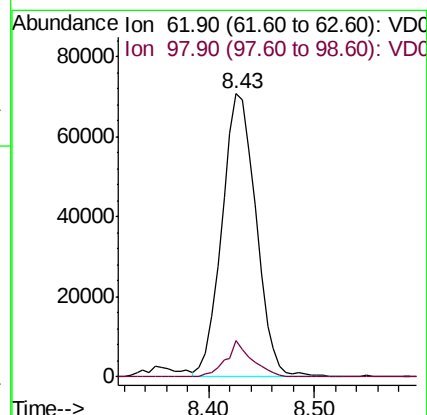
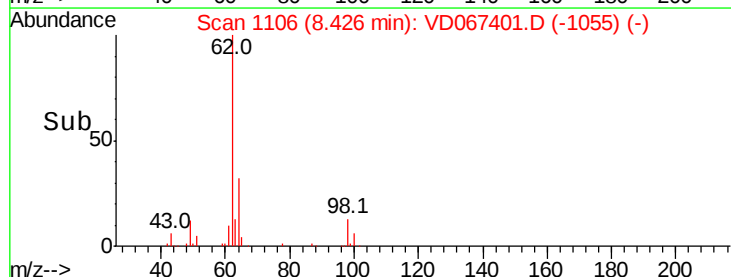


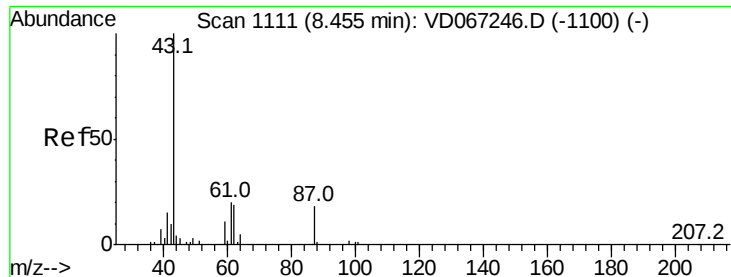
#42
1,2-Dichloroethane
Concen: 50.605 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 62 Resp: 158787
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.054 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

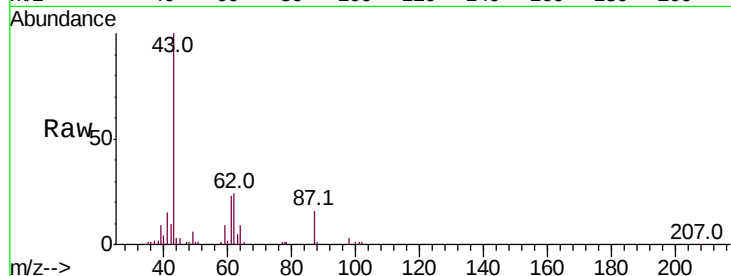
Tot Ion: 43 Resp: 104666

Ion Ratio Lower Upper

43 100

61 0.0 29.5 44.3#

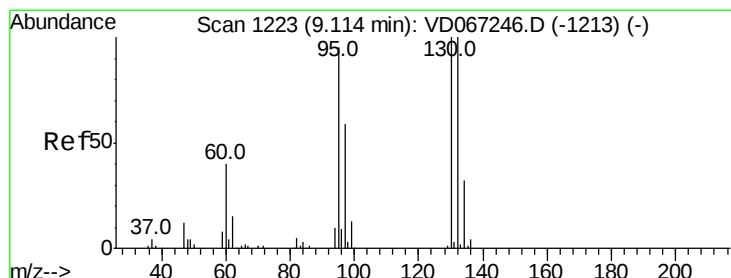
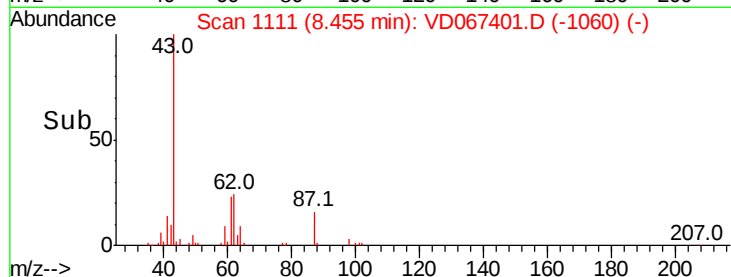
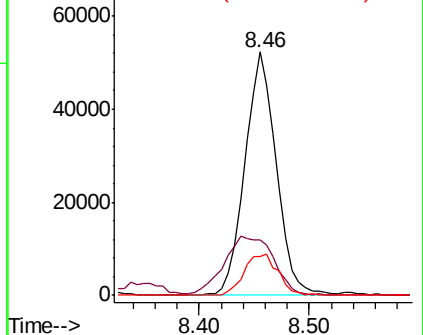
87 18.4 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.375 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067401.D

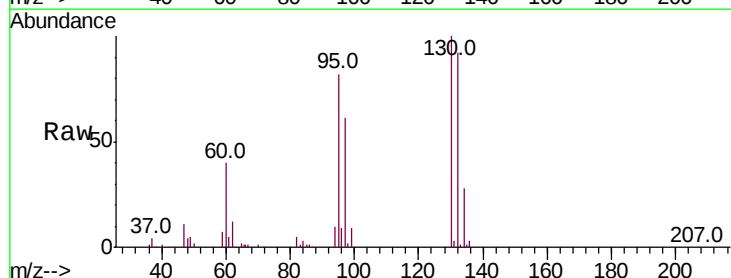
Acq: 26 Oct 2020 19:15

Tgt Ion:130 Resp: 158504

Ion Ratio Lower Upper

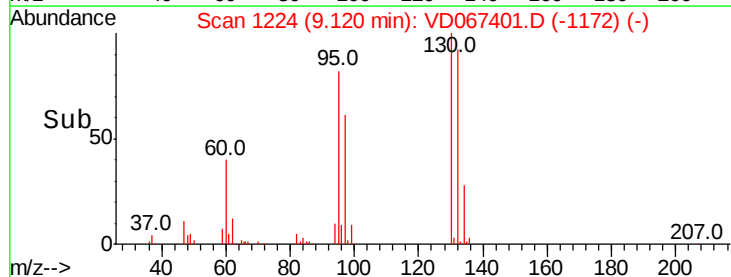
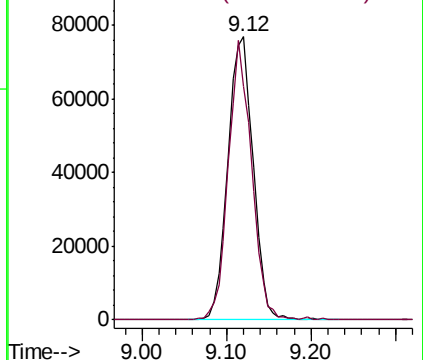
130 100

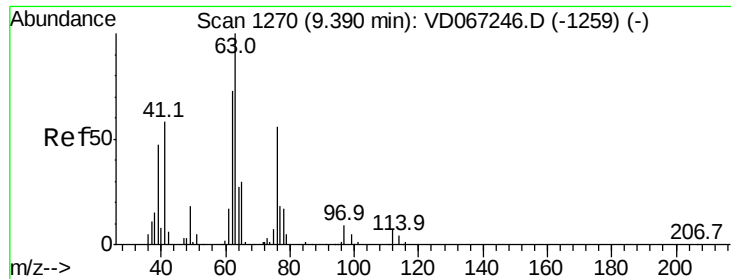
95 82.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.737 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

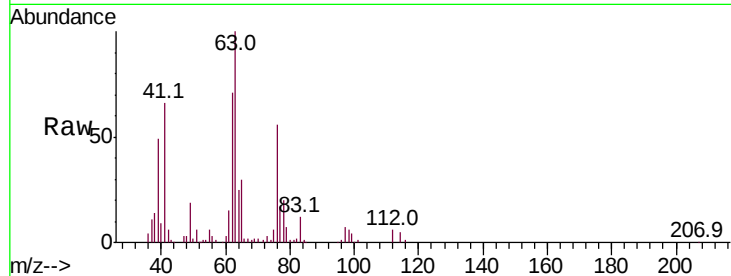
VSTDCCC050EC

Tot Ion: 63 Resp: 115574

Ion Ratio Lower Upper

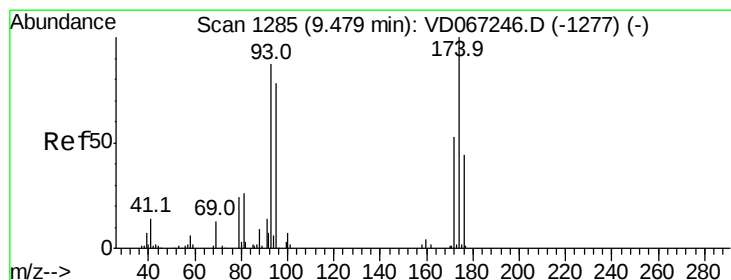
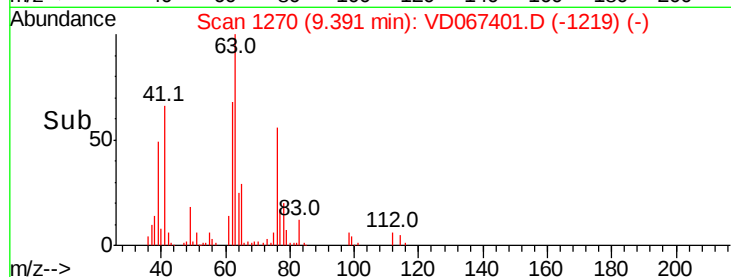
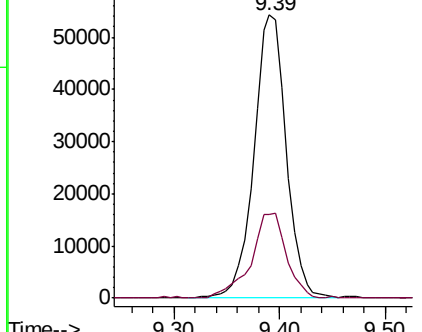
63 100

65 29.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.406 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

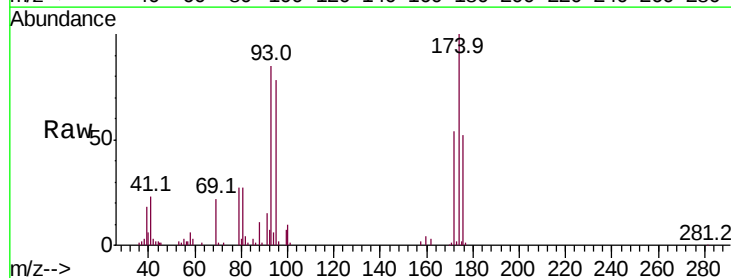
Tgt Ion: 93 Resp: 71530

Ion Ratio Lower Upper

93 100

95 86.9 68.0 102.0

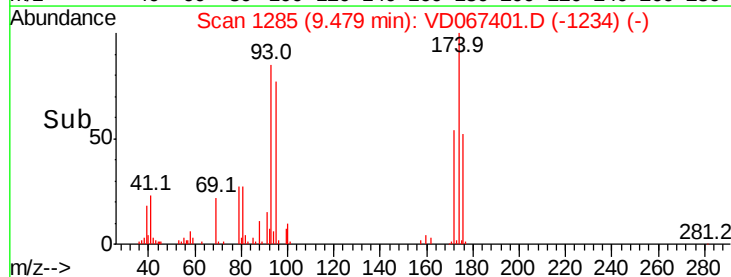
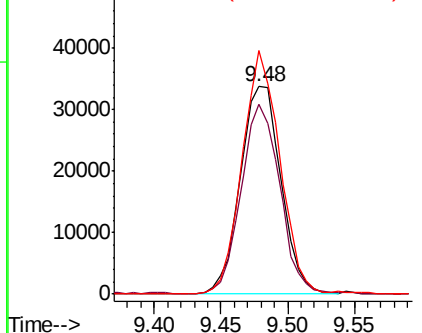
174 107.9 91.8 137.6

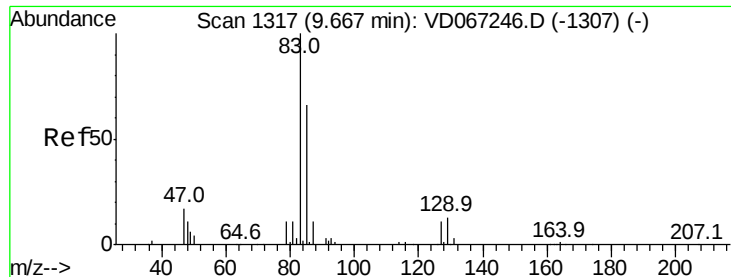


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.559 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

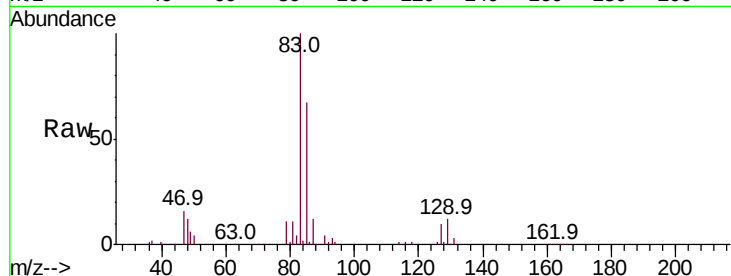
Tot Ion: 83 Resp: 199995

Ion Ratio Lower Upper

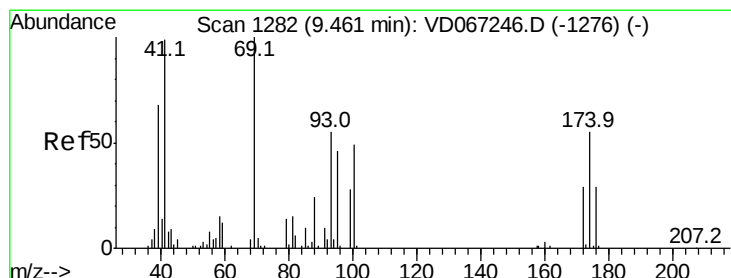
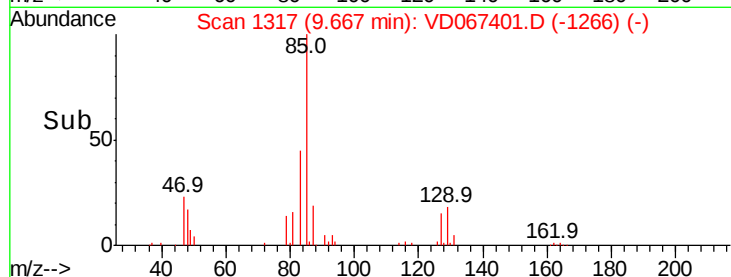
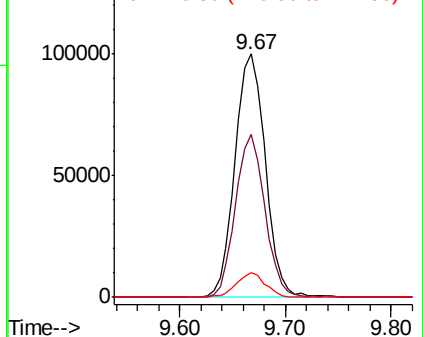
83 100

85 67.0 53.1 79.7

127 10.2 8.6 13.0



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



#48

Methyl methacrylate

Concen: 53.633 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

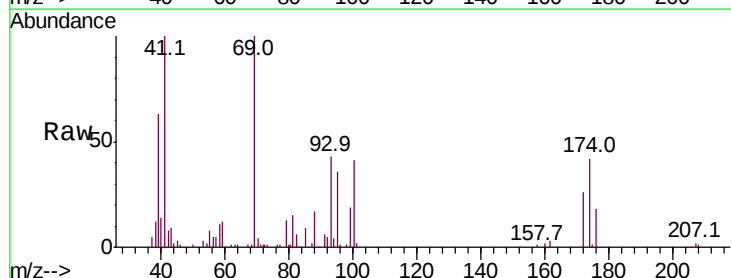
Tgt Ion: 41 Resp: 55612

Ion Ratio Lower Upper

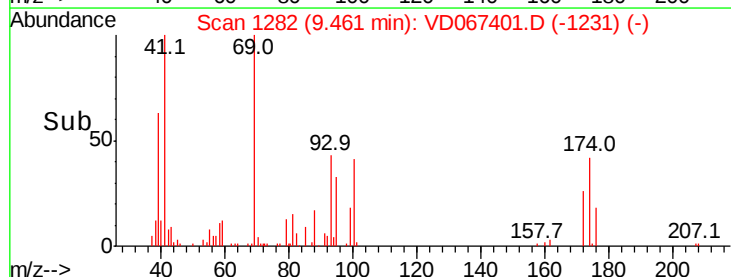
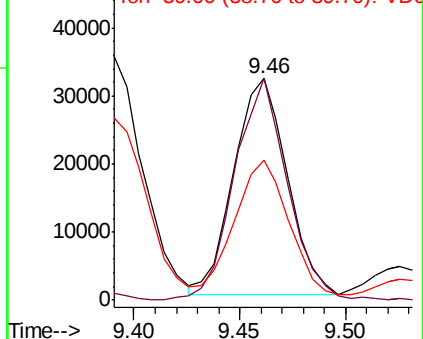
41 100

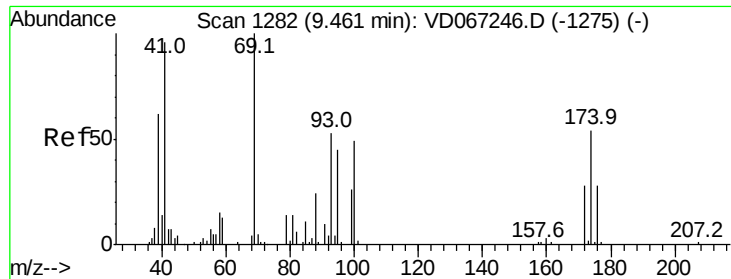
69 102.2 89.0 133.6

39 68.7 60.2 90.2



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





#49

1,4-Dioxane

Concen: 1041.391 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

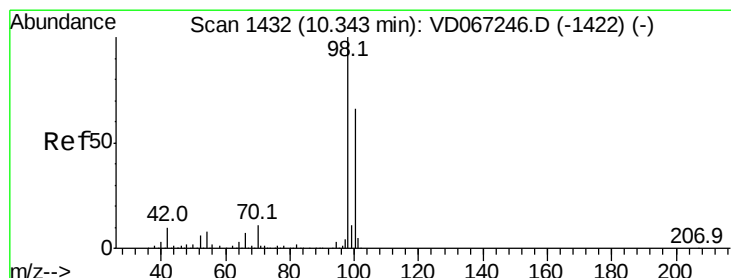
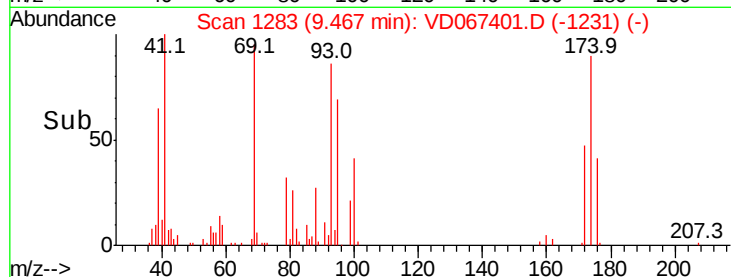
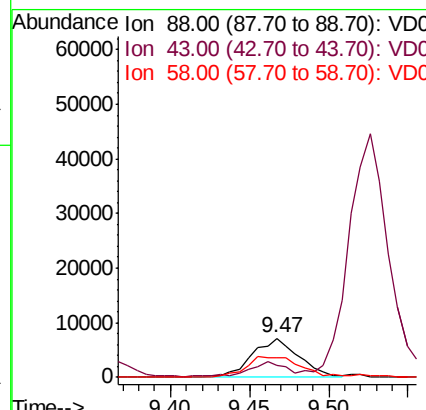
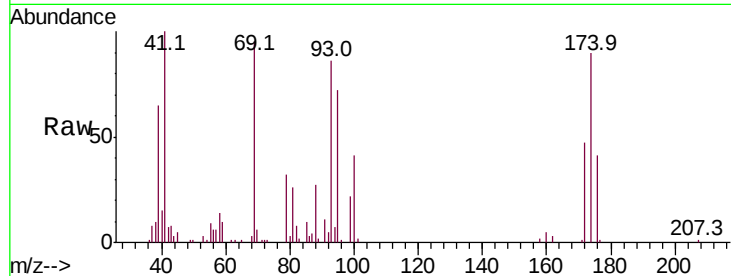
Tot Ion: 88 Resp: 14573

Ion Ratio Lower Upper

88 100

43 33.7 23.9 35.9

58 62.4 51.0 76.6



#50

Toluene-d8

Concen: 50.477 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067401.D

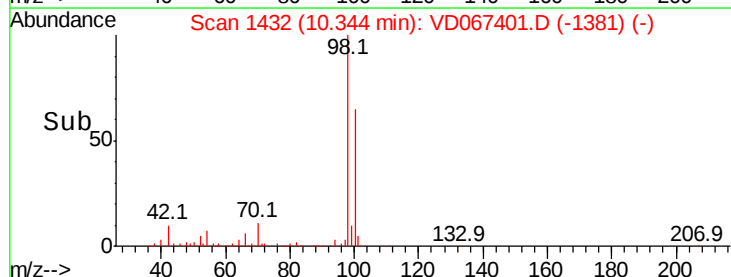
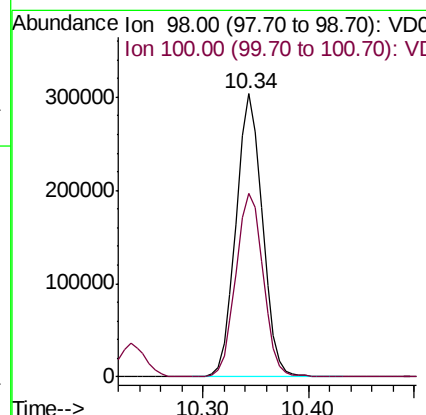
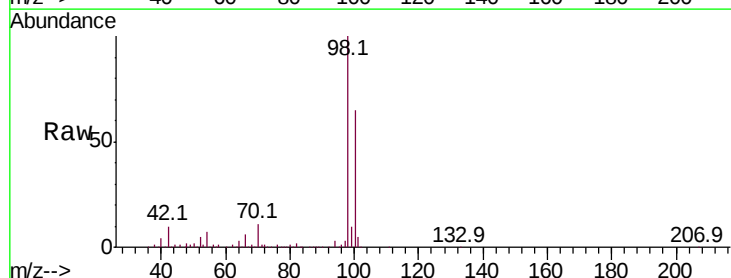
Acq: 26 Oct 2020 19:15

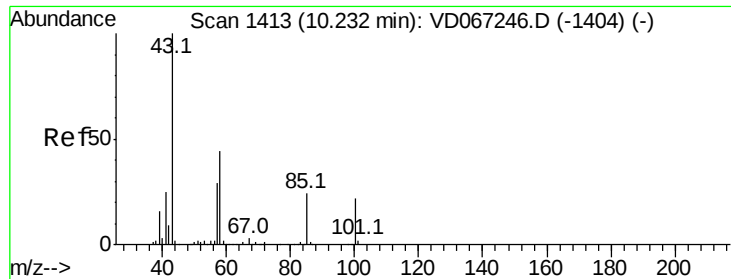
Tgt Ion: 98 Resp: 524211

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 260.234 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

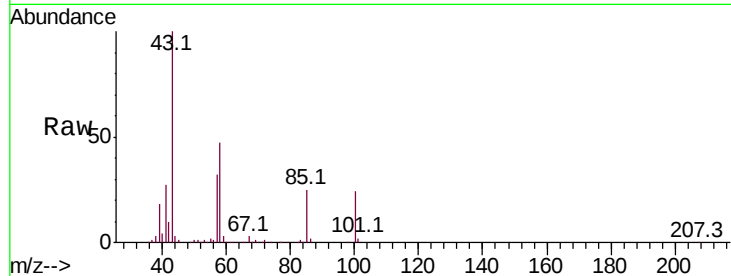
VSTDCCC050EC

Tot Ion: 43 Resp: 276944

Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

150000

100000

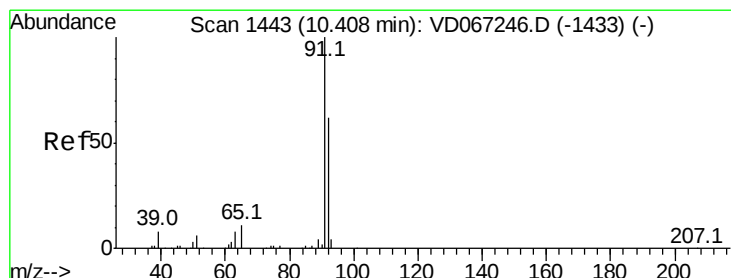
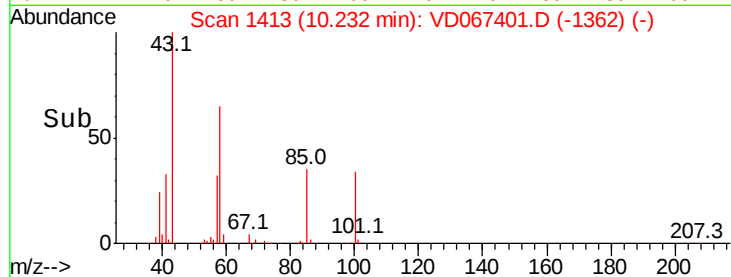
50000

0

10.20

10.30

Time-->



#52

Toluene

Concen: 50.251 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067401.D

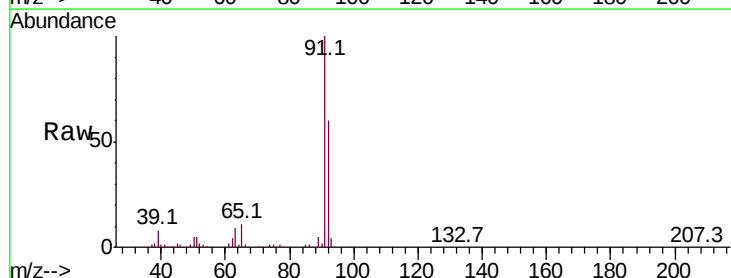
Acq: 26 Oct 2020 19:15

Tgt Ion: 92 Resp: 343164

Ion Ratio Lower Upper

92 100

91 170.0 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

200000

100000

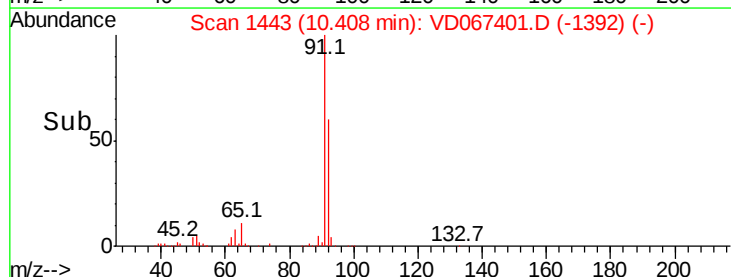
0

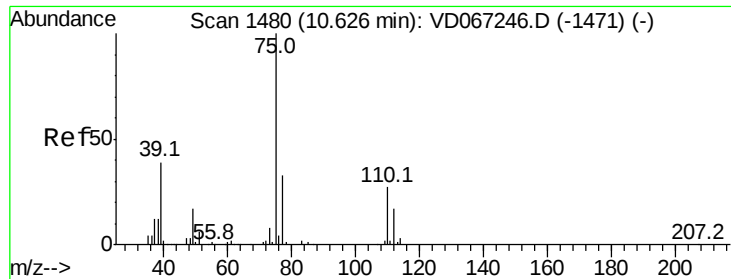
10.30

10.40

10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.591 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

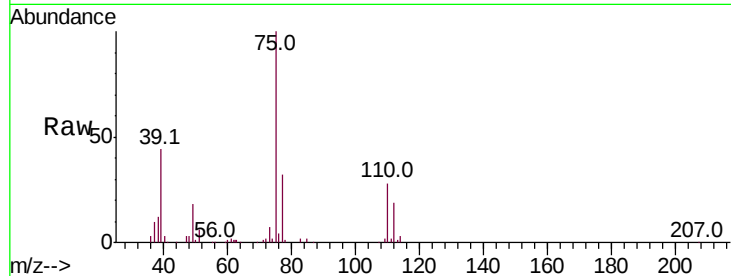
VSTDCCC050EC

Tot Ion: 75 Resp: 175795

Ion Ratio Lower Upper

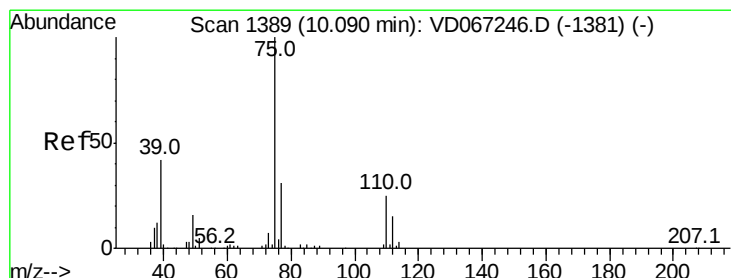
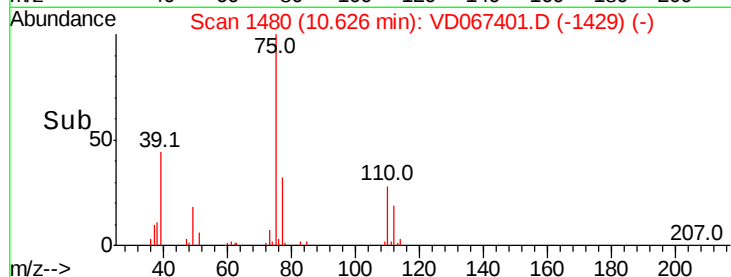
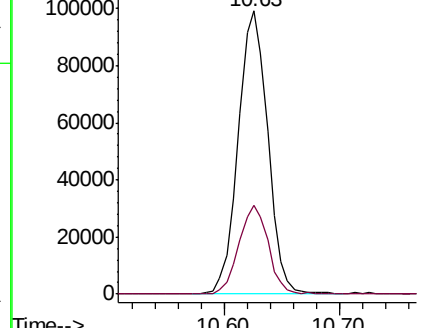
75 100

77 31.5 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.012 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

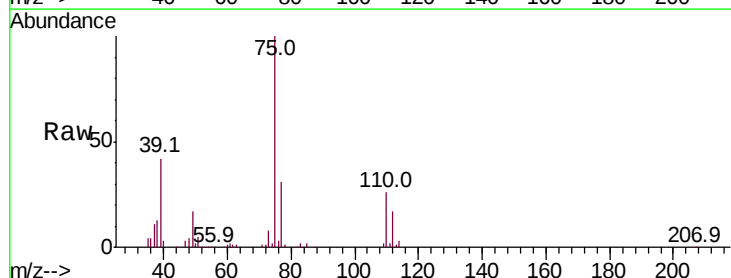
Tgt Ion: 75 Resp: 199439

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7

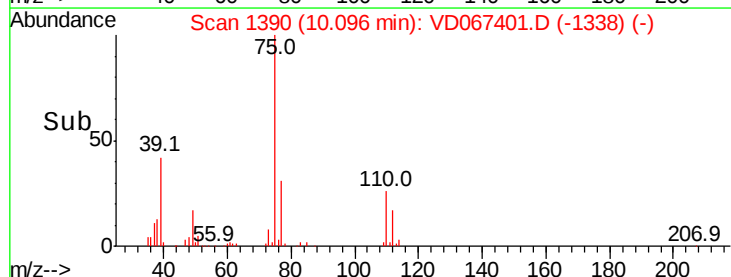
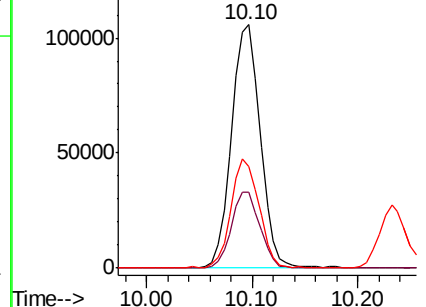
39 41.3 33.7 50.5

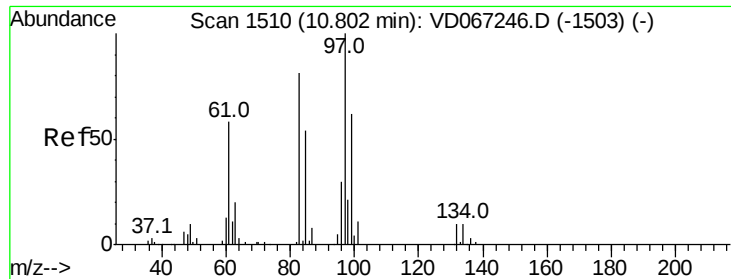


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



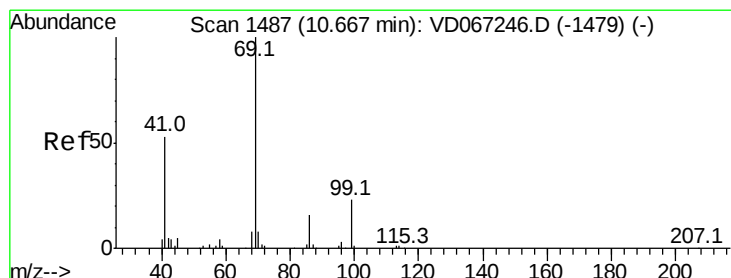
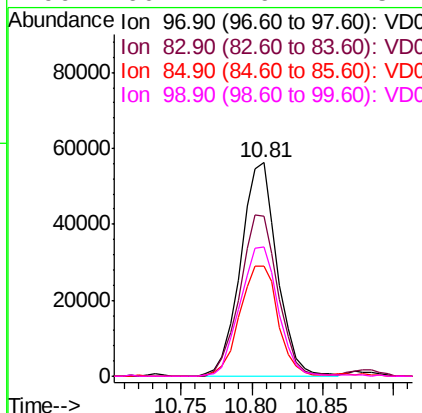
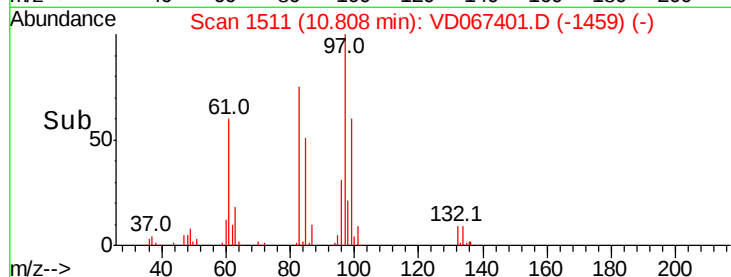
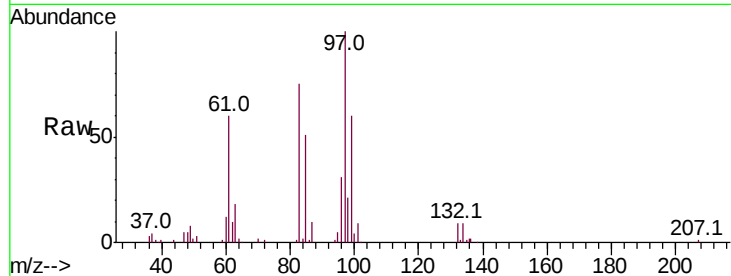


#55
 1,1,2-Trichloroethane
 Concen: 51.503 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 101680

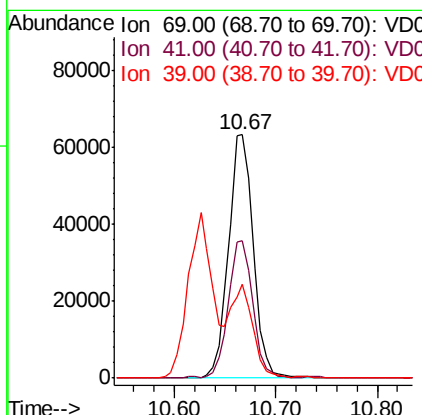
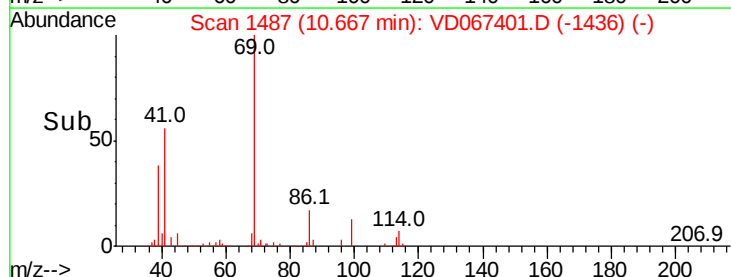
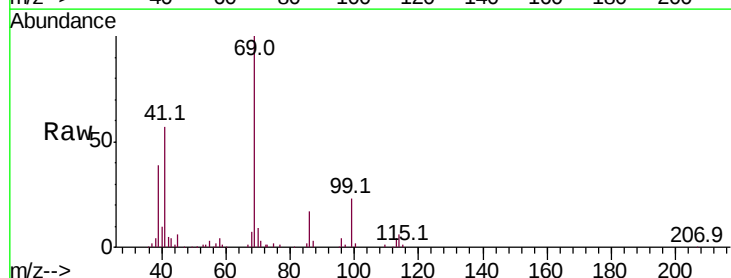
Ion	Ratio	Lower	Upper
97	100		
83	75.0	64.9	97.3
85	51.4	43.3	64.9
99	60.4	49.1	73.7

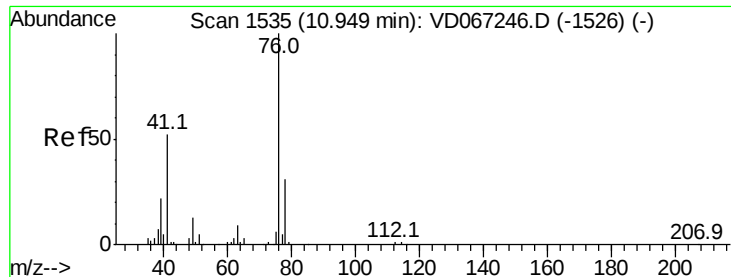


#56
 Ethyl methacrylate
 Concen: 52.566 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion: 69 Resp: 107630

Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	33.0	26.2	39.2





#57

1,3-Dichloropropane

Concen: 50.602 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

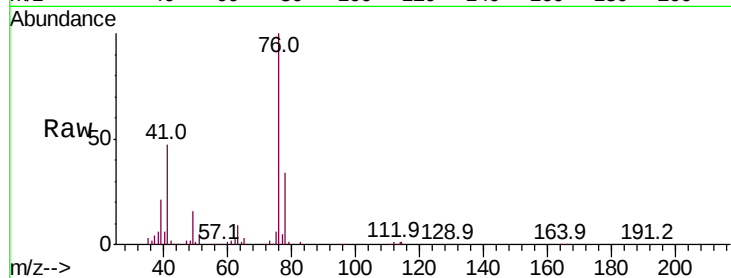
VSTDCCC050EC

Tot Ion: 76 Resp: 158986

Ion Ratio Lower Upper

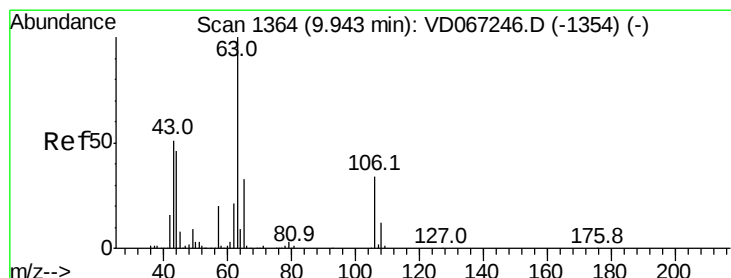
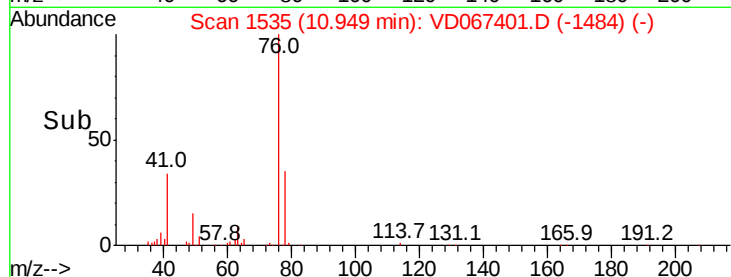
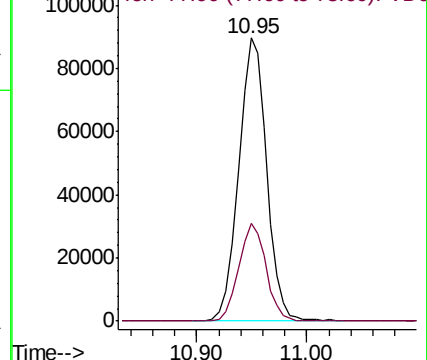
76 100

78 33.8 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 279.065 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD067401.D

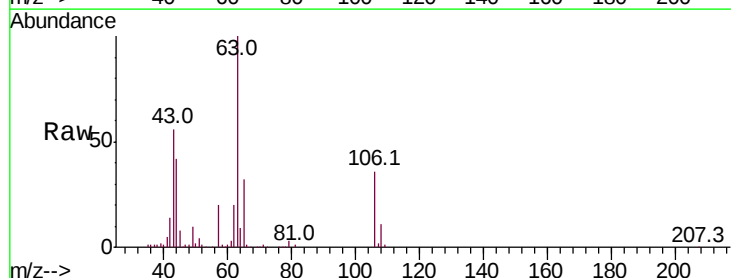
Acq: 26 Oct 2020 19:15

Tgt Ion: 63 Resp: 293123

Ion Ratio Lower Upper

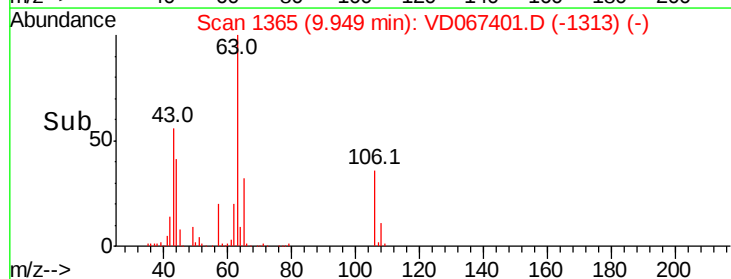
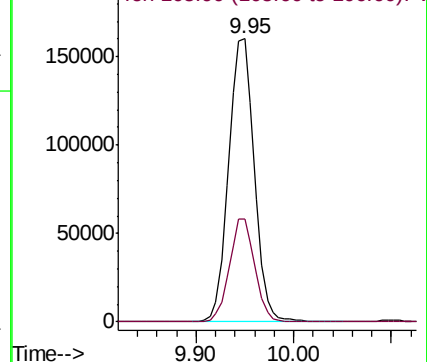
63 100

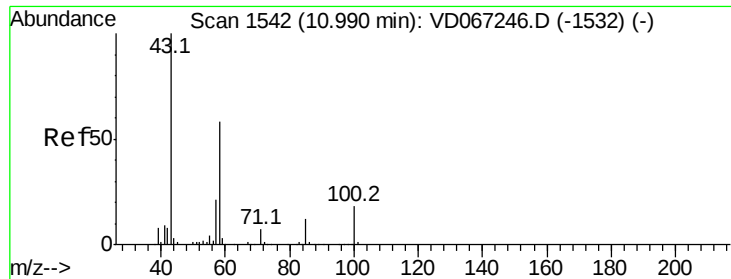
106 35.5 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

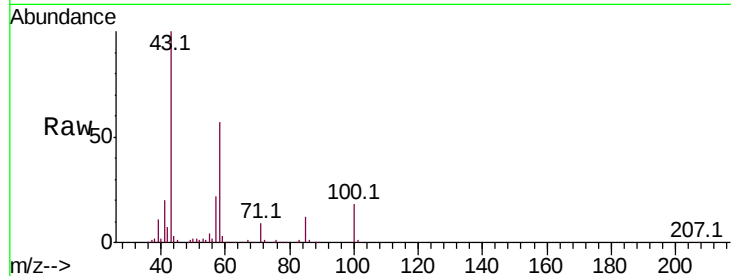




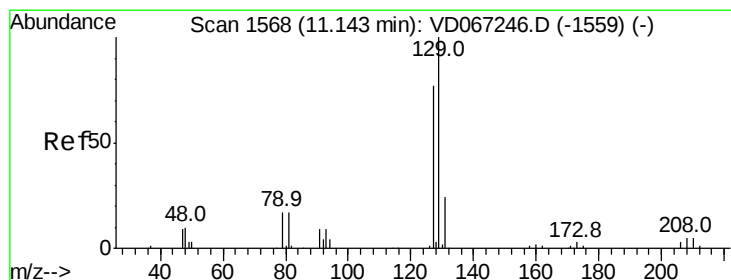
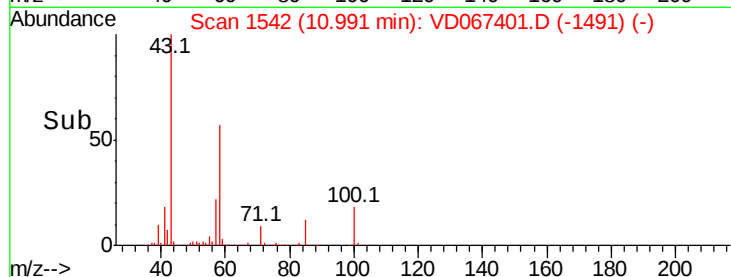
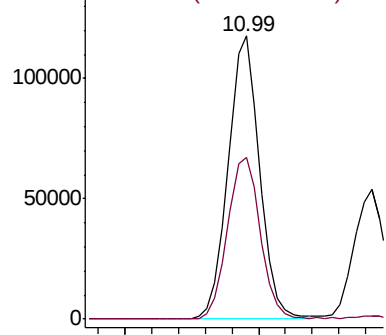
#59
2-Hexanone
Concen: 262.790 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 191103
Ion Ratio Lower Upper
43 100
58 59.5 29.3 87.9

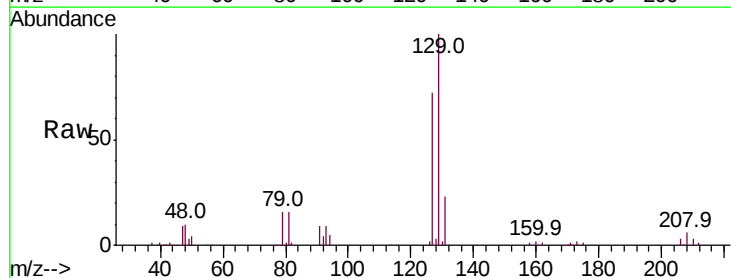


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

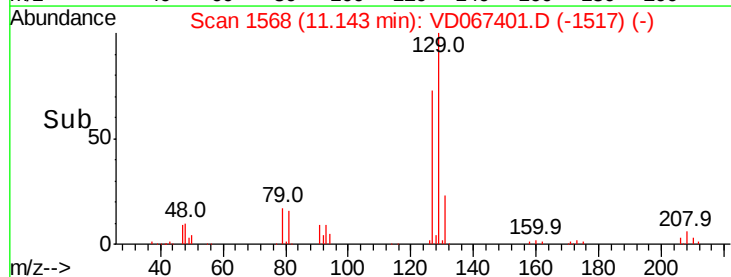
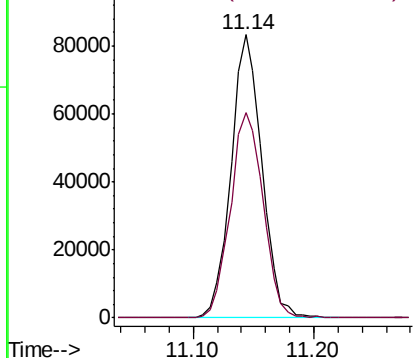


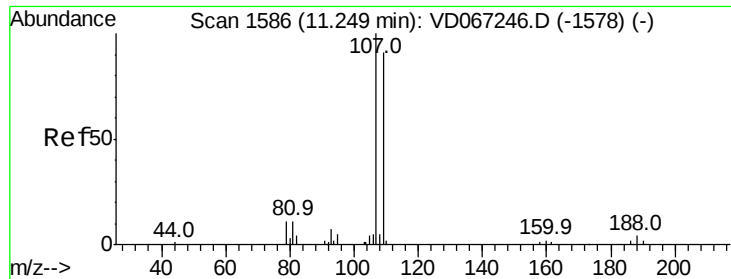
#60
Dibromochloromethane
Concen: 51.339 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 129 Resp: 147815
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

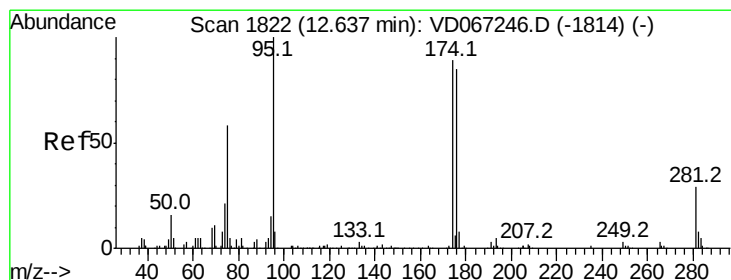
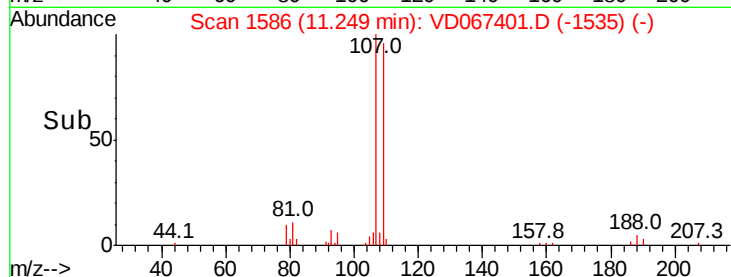
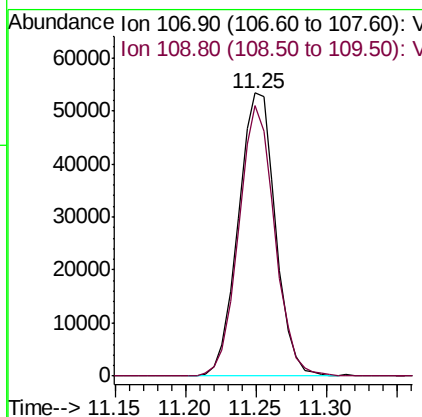
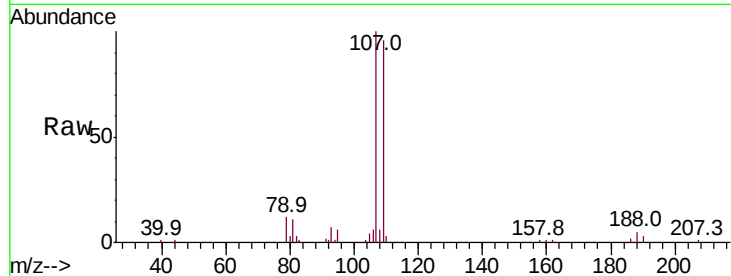




#61
 1,2-Dibromoethane
 Concen: 50.428 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

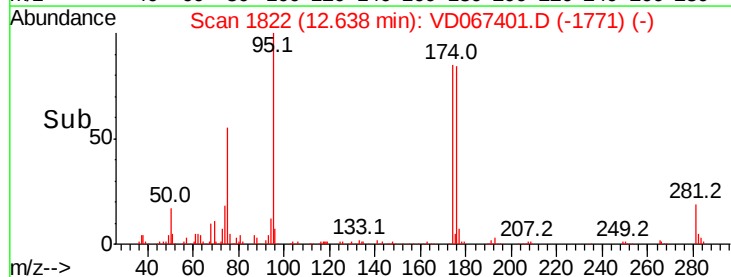
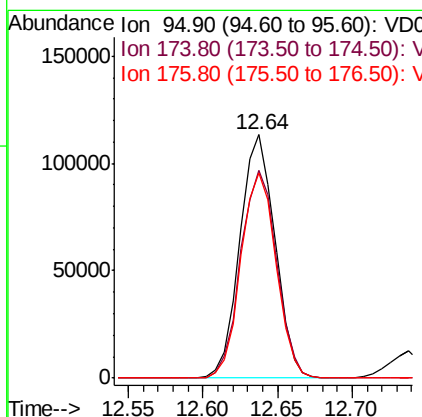
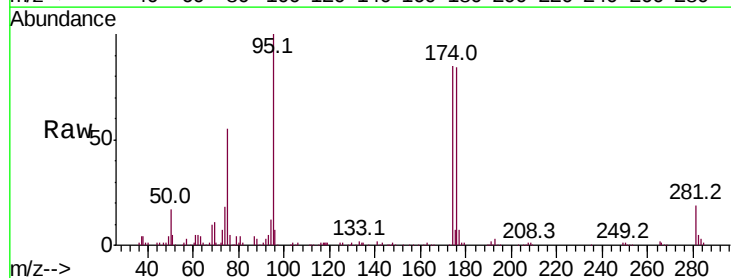
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

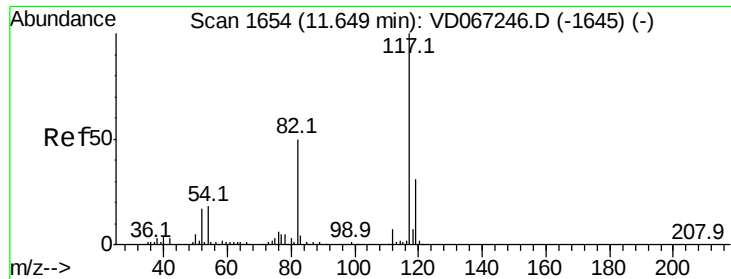
Tot Ion:107 Resp: 98149
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.300 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion: 95 Resp: 185252
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 175.2
 176 84.5 0.0 168.6

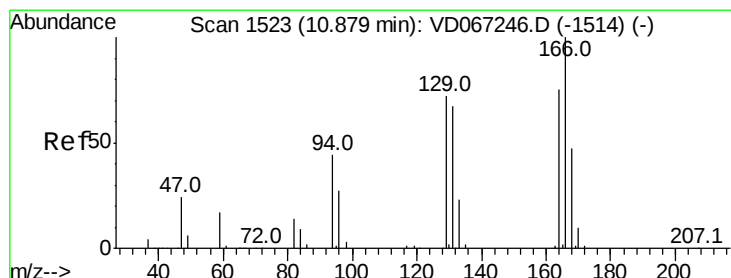
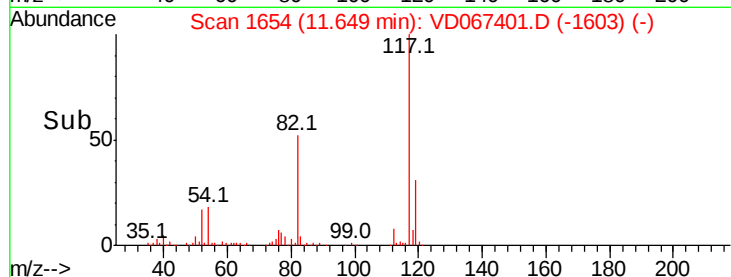
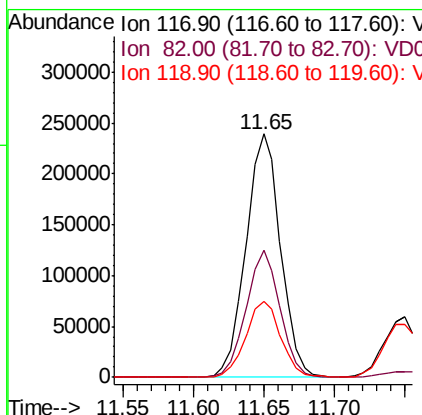
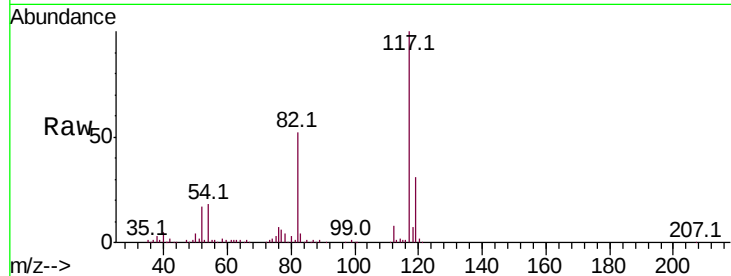




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

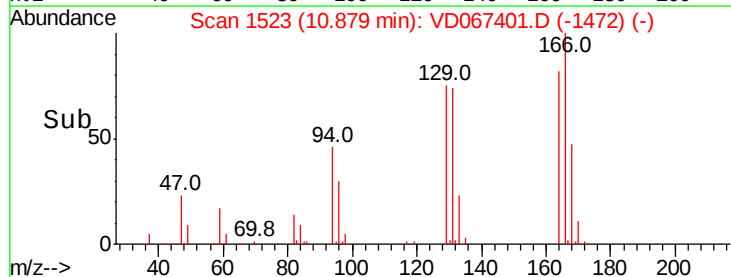
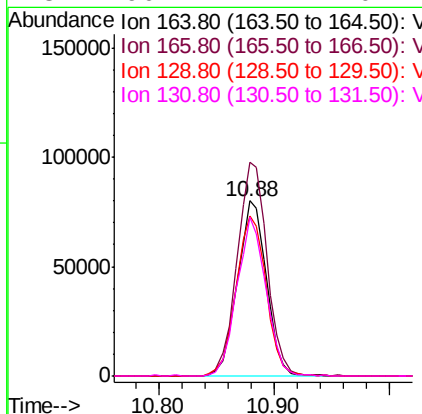
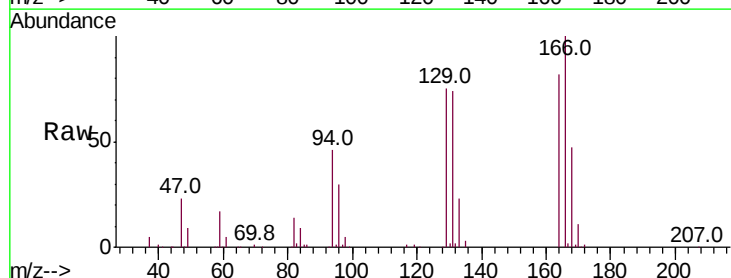
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

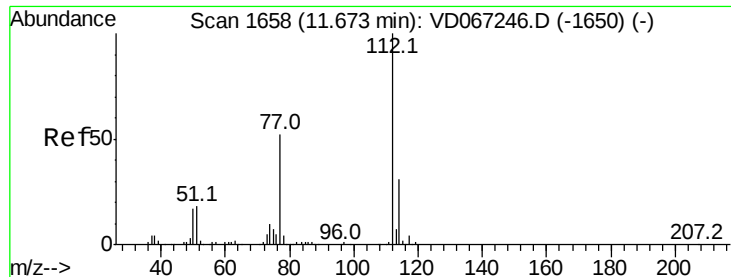
Tot Ion:117 Resp: 410425
Ion Ratio Lower Upper
117 100
82 52.0 39.9 59.9
119 31.4 24.9 37.3



#64
Tetrachloroethene
Concen: 46.684 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion:164 Resp: 138823
Ion Ratio Lower Upper
164 100
166 122.1 107.3 160.9
129 91.8 77.3 115.9
131 90.4 71.4 107.2

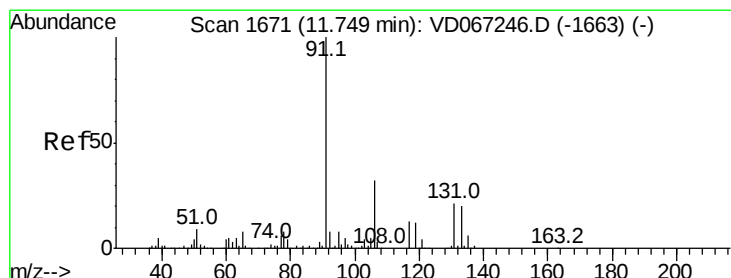
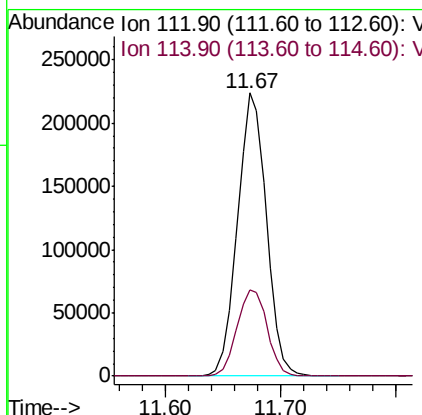
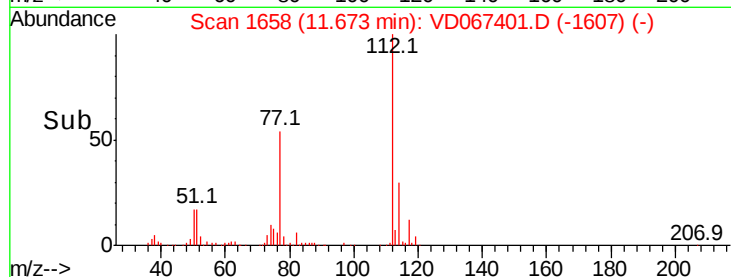
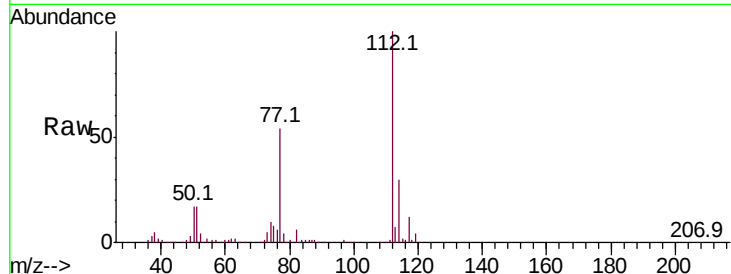




#65
Chlorobenzene
Concen: 49.187 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

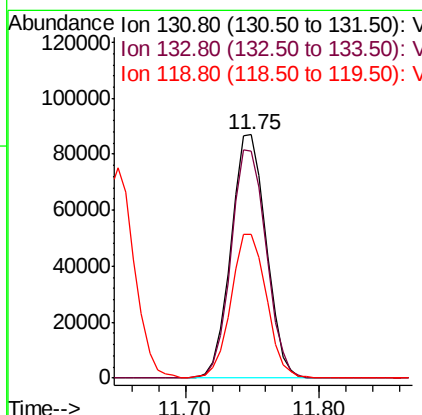
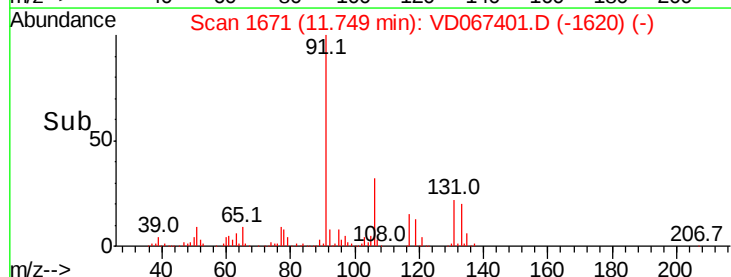
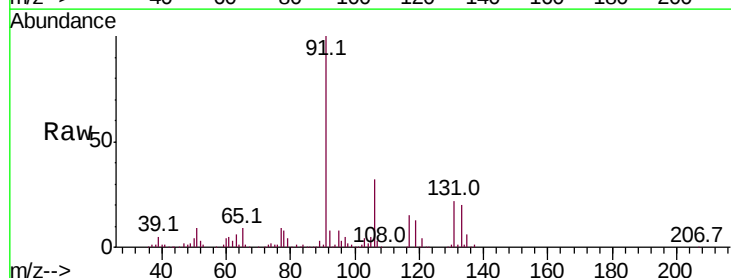
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

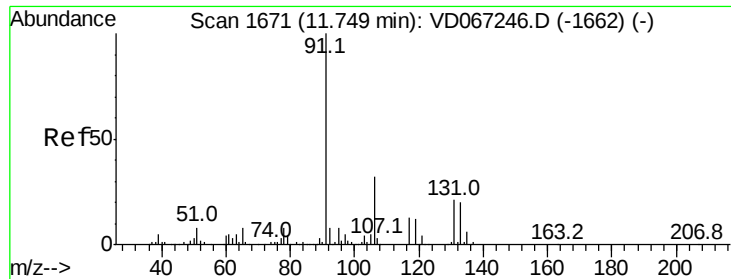
Tot Ion:112 Resp: 387116
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.911 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion:131 Resp: 159250
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.3
119 59.9 30.0 90.0





#67

Ethyl Benzene

Concen: 49.168 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

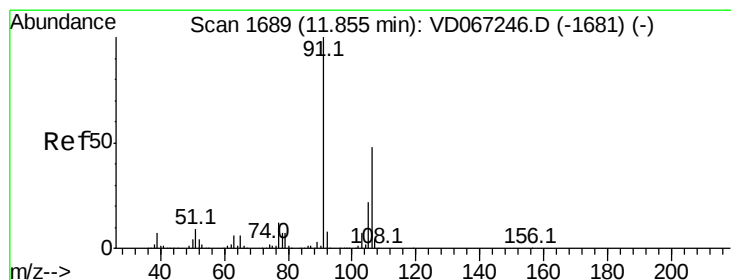
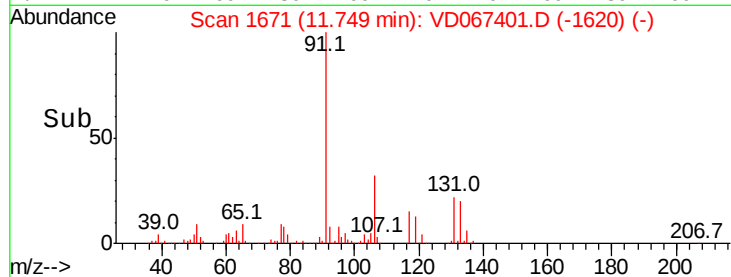
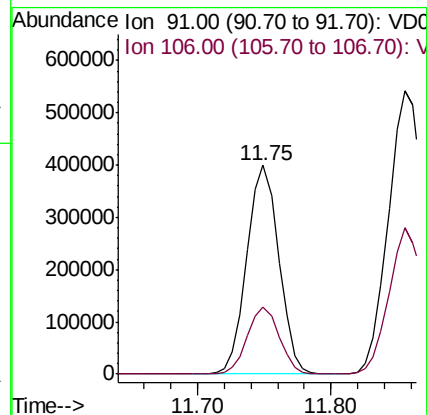
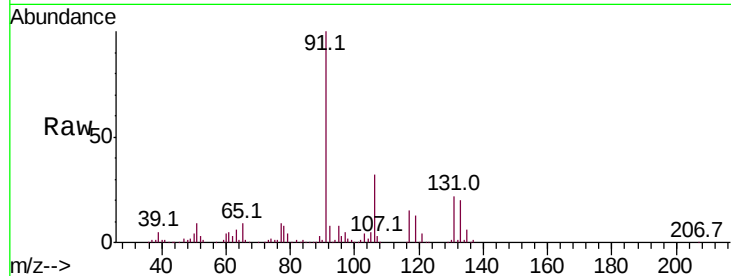
VSTDCCC050EC

Tot Ion: 91 Resp: 663335

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0



#68

m/p-Xylenes

Concen: 100.558 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067401.D

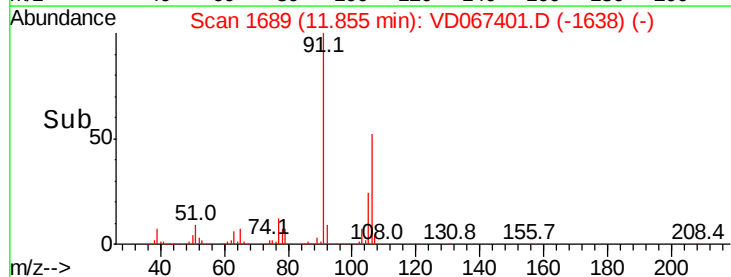
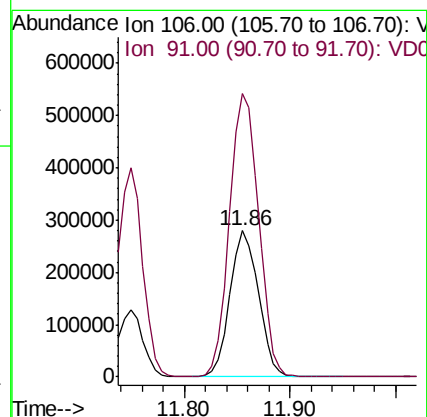
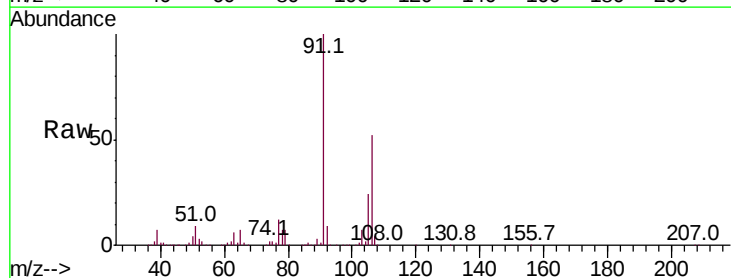
Acq: 26 Oct 2020 19:15

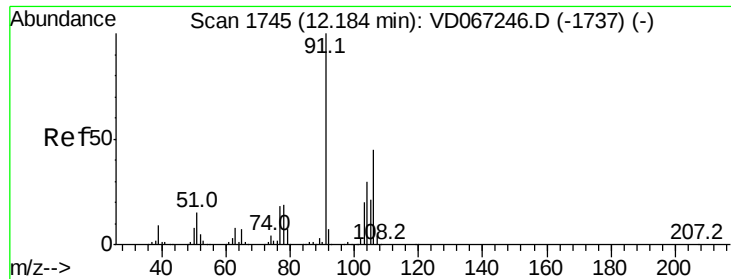
Tgt Ion: 106 Resp: 522425

Ion Ratio Lower Upper

106 100

91 198.3 163.8 245.8

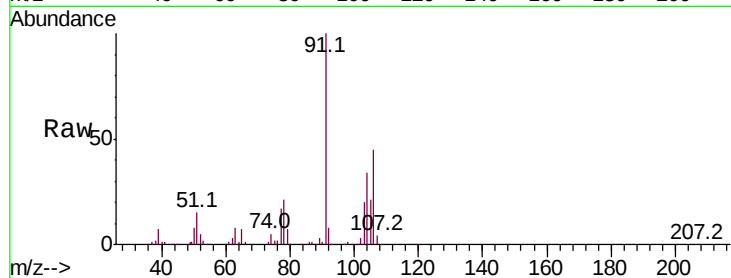




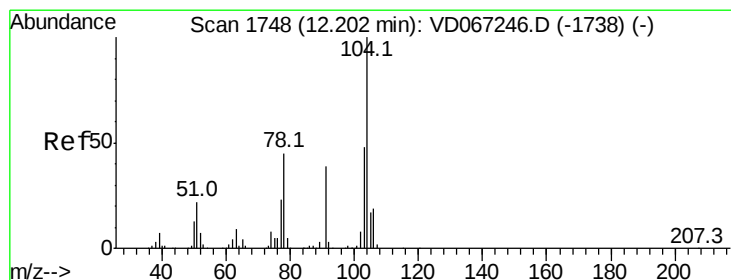
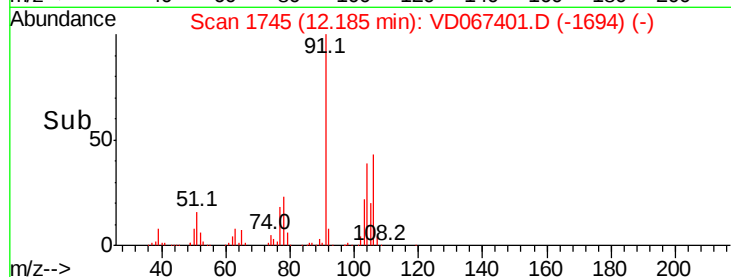
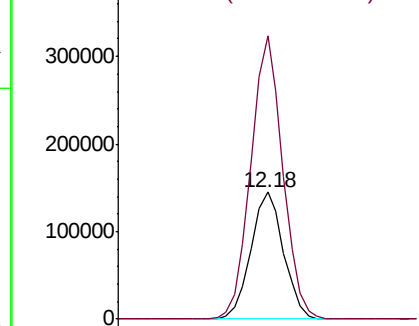
#69
o-Xylene
Concen: 49.101 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 236219
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.3

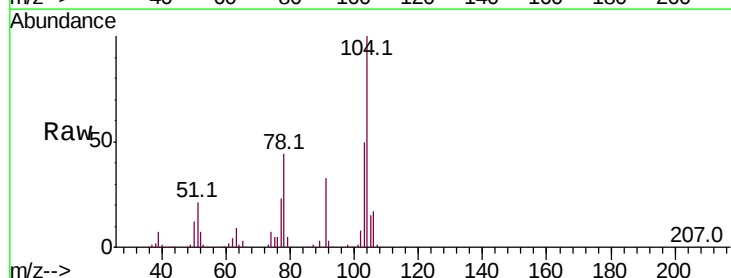


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

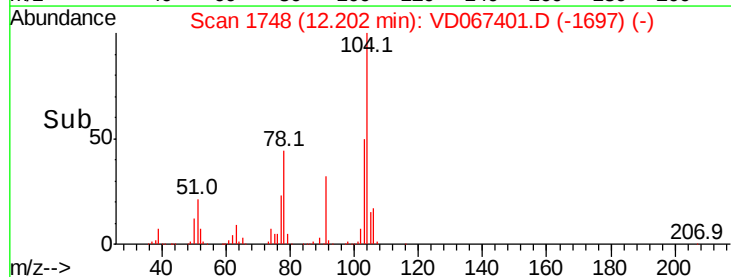
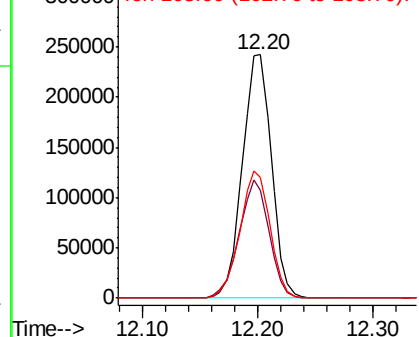


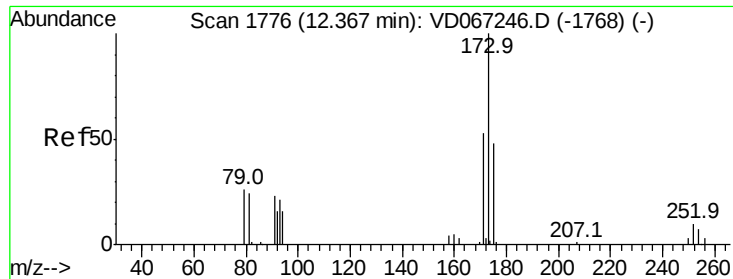
#70
Styrene
Concen: 51.048 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion:104 Resp: 422756
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.1 42.6 64.0



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





#71

Bromoform

Concen: 50.502 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

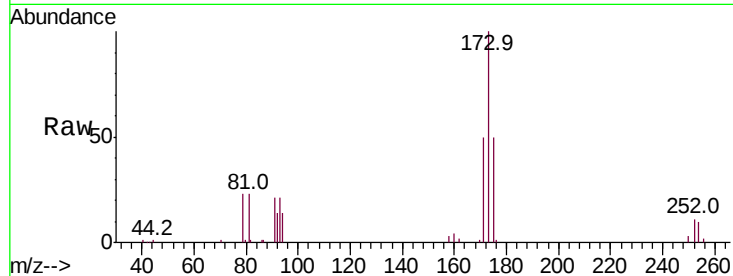
Tot Ion:173 Resp: 84867

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

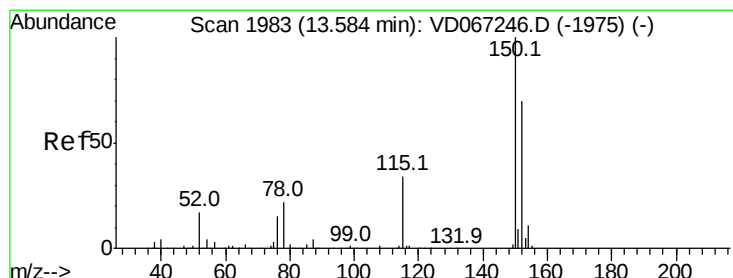
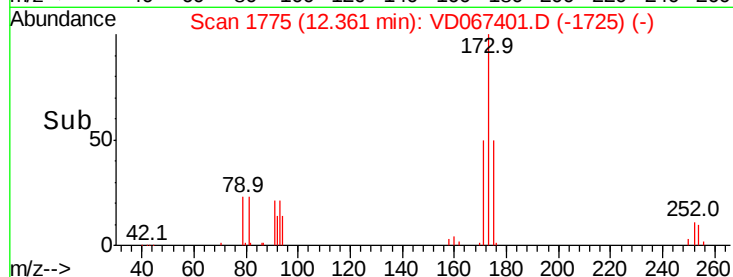
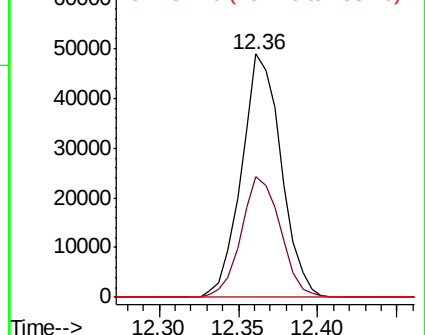
254 0.0 0.1 0.1#



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: VD067401.D

Acq: 26 Oct 2020 19:15

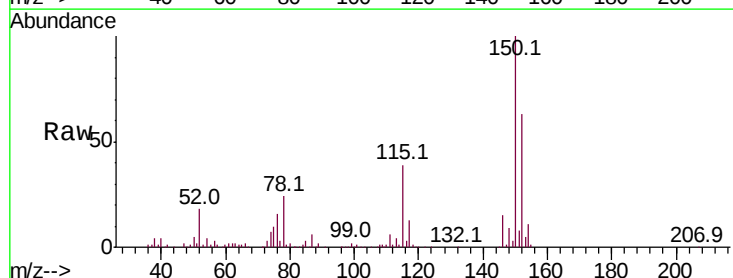
Tgt Ion:152 Resp: 208965

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.9

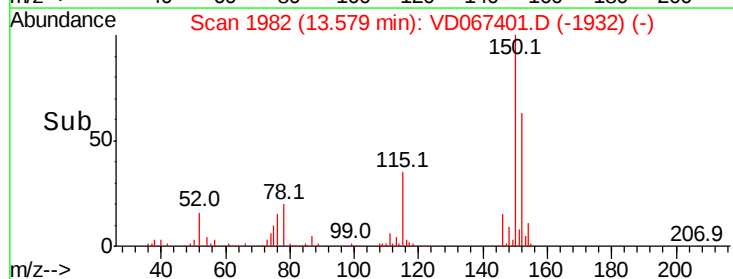
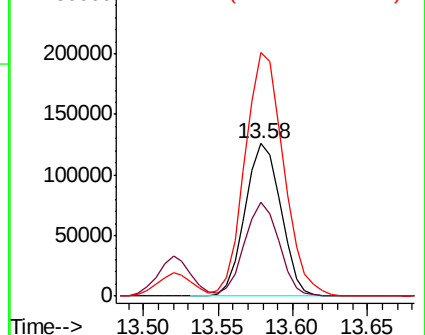
150 172.9 0.0 339.0

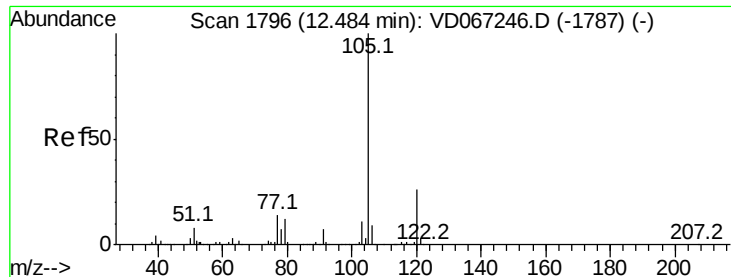


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.798 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

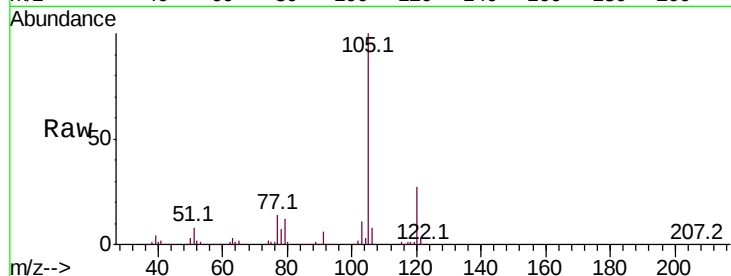
VSTDCCC050EC

Tot Ion:105 Resp: 673700

Ion Ratio Lower Upper

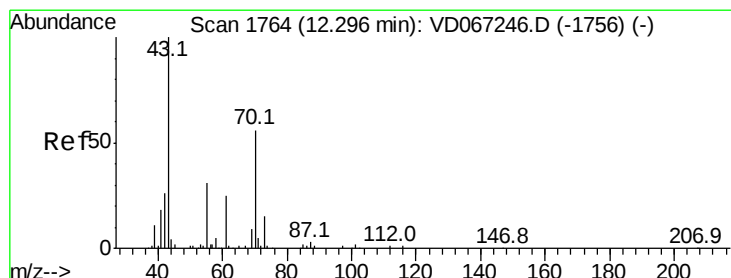
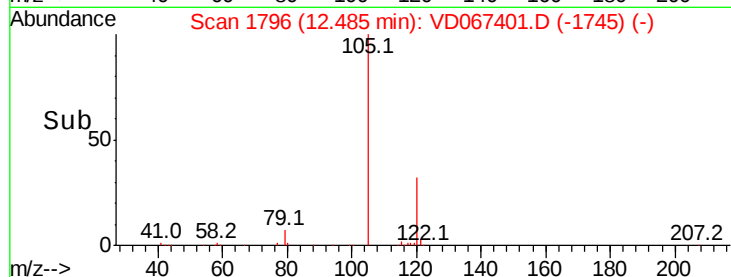
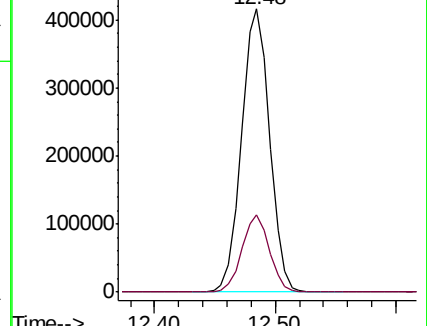
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.079 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Tgt Ion: 43 Resp: 98307

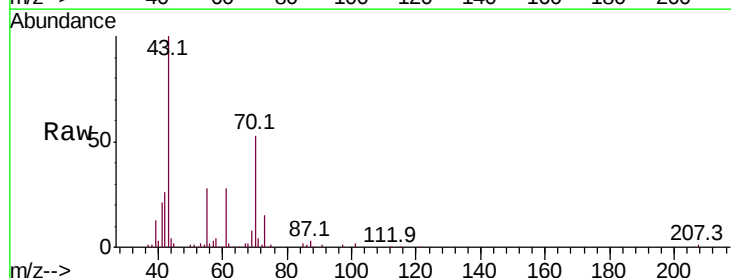
Ion Ratio Lower Upper

43 100

70 52.5 42.7 64.1

55 29.3 24.0 36.0

61 27.7 22.2 33.4

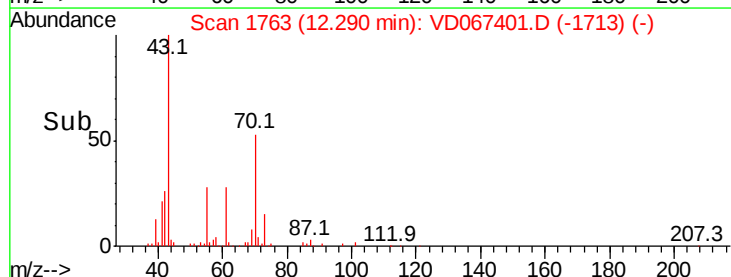
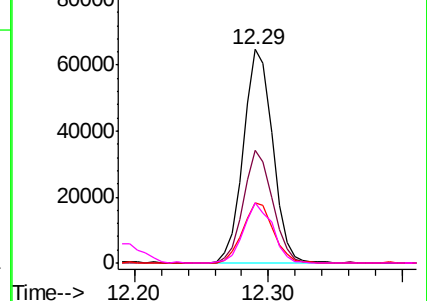


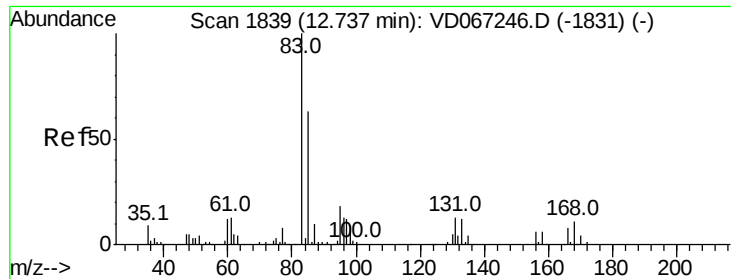
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.458 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

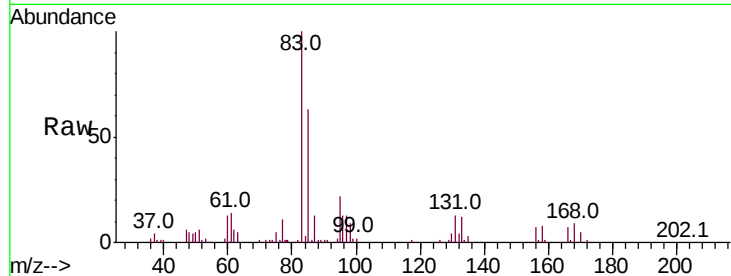
Tot Ion: 83 Resp: 98471

Ion Ratio Lower Upper

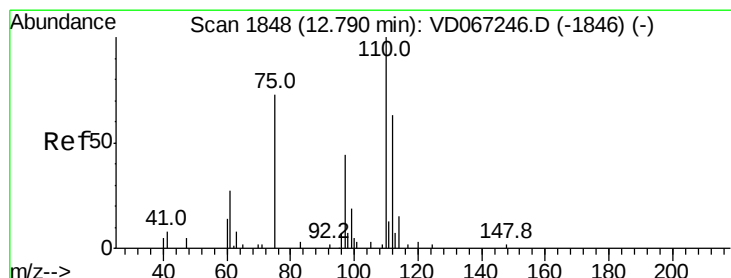
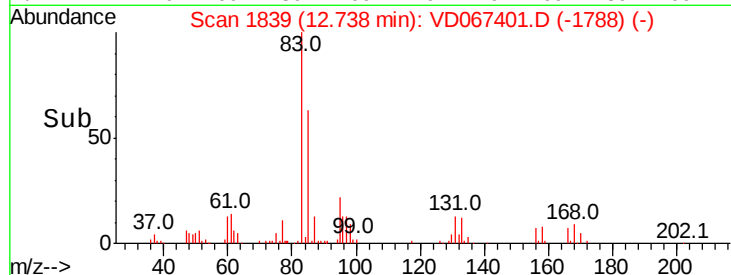
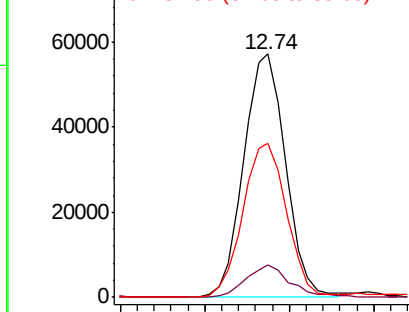
83 100

131 14.1 6.5 19.5

85 66.4 32.6 97.7



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



#76

1,2,3-Trichloropropane

Concen: 94.714 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067401.D

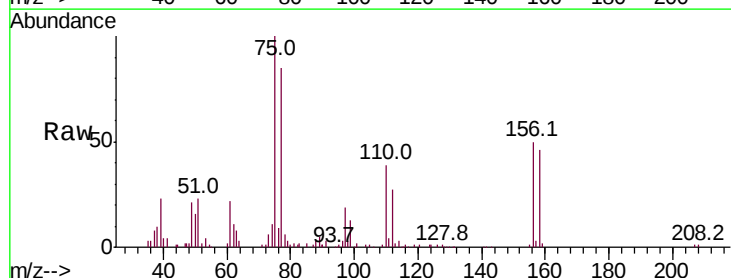
Acq: 26 Oct 2020 19:15

Tgt Ion: 75 Resp: 137177

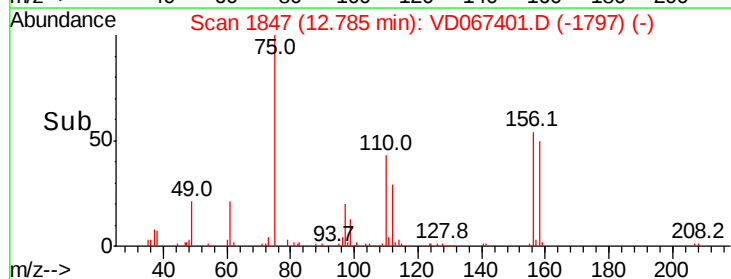
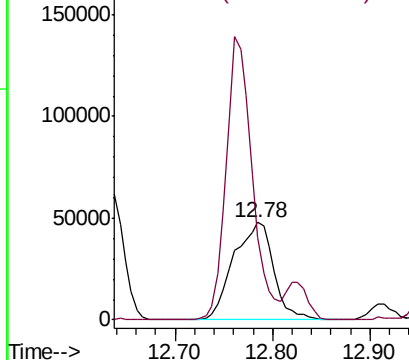
Ion Ratio Lower Upper

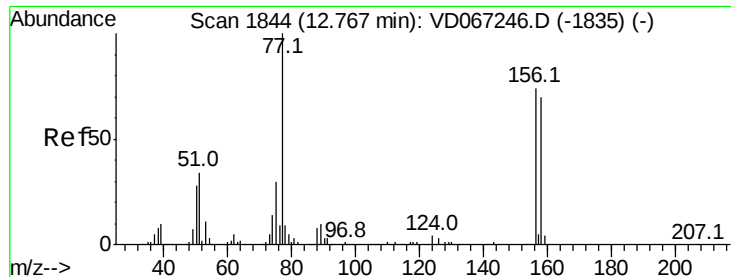
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.003 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

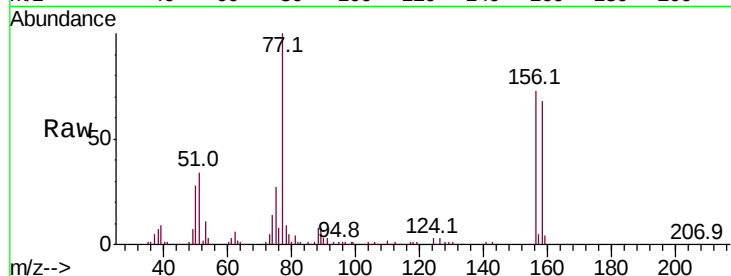
Tot Ion:156 Resp: 168639

Ion Ratio Lower Upper

156 100

77 154.0 78.0 233.8

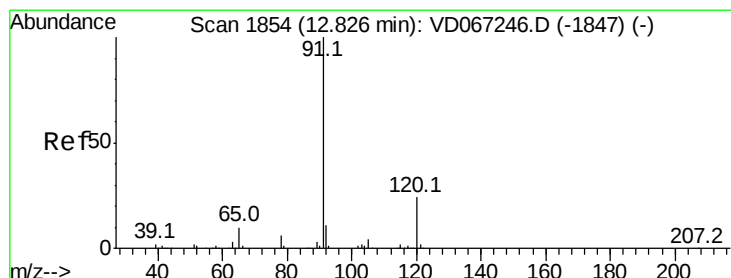
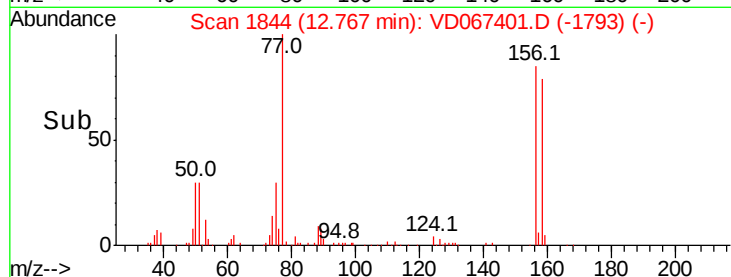
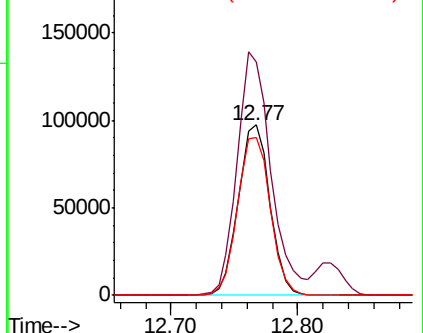
158 96.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.186 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067401.D

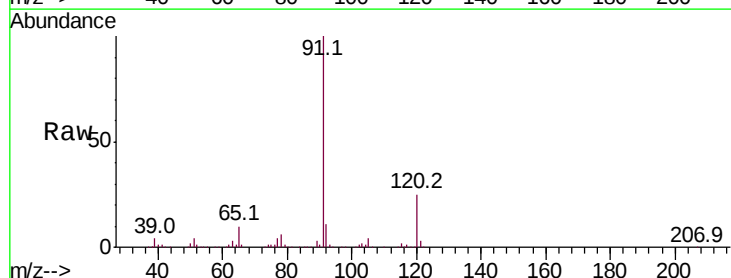
Acq: 26 Oct 2020 19:15

Tgt Ion: 91 Resp: 771158

Ion Ratio Lower Upper

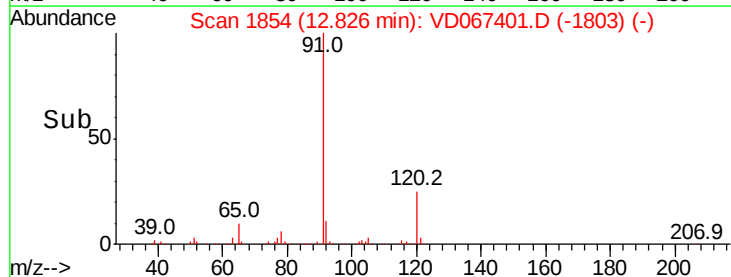
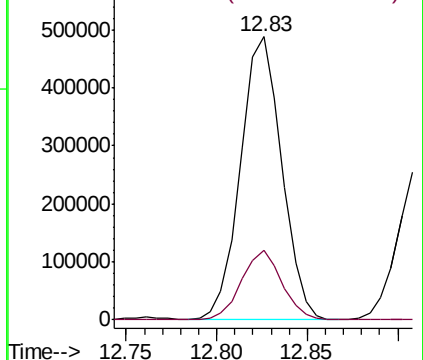
91 100

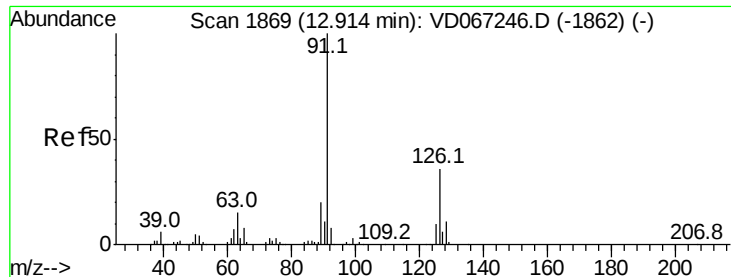
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.282 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067401.D

Acq: 26 Oct 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

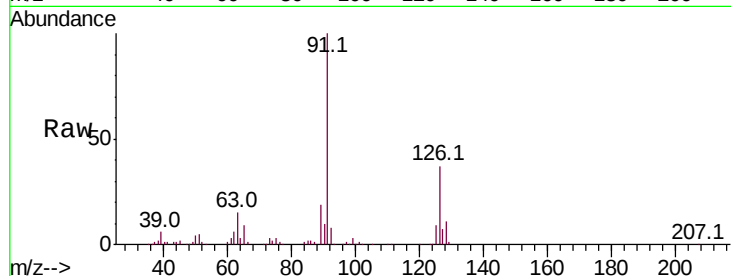
VSTDCCC050EC

Tot Ion: 91 Resp: 439158

Ion Ratio Lower Upper

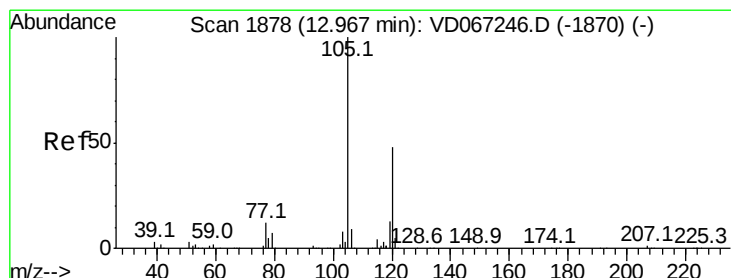
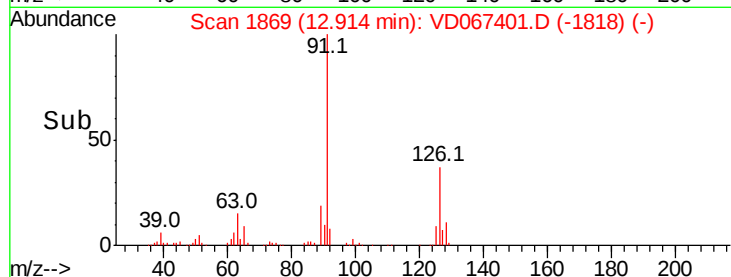
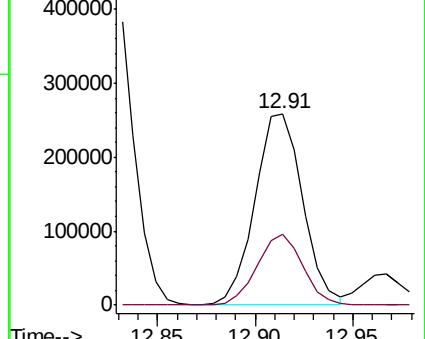
91 100

126 35.6 17.6 52.8



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: 50.722 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067401.D

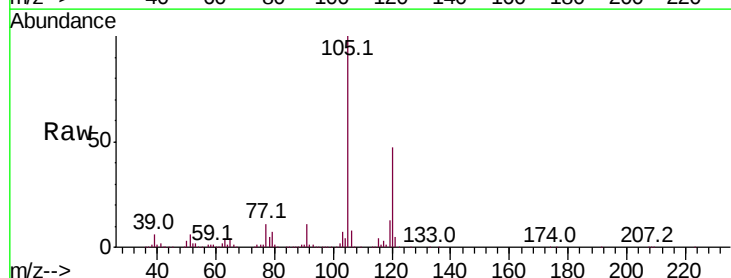
Acq: 26 Oct 2020 19:15

Tgt Ion: 105 Resp: 584562

Ion Ratio Lower Upper

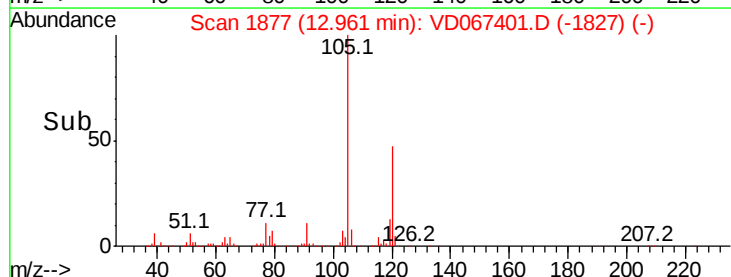
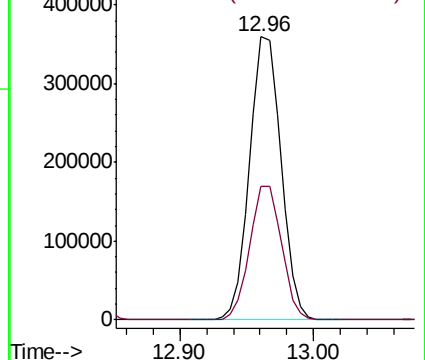
105 100

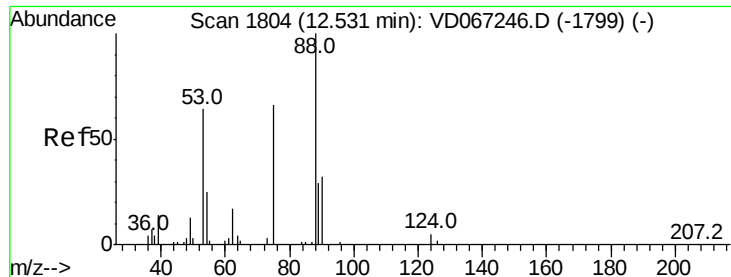
120 48.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

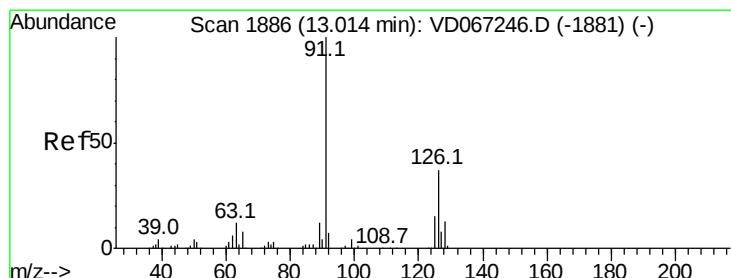
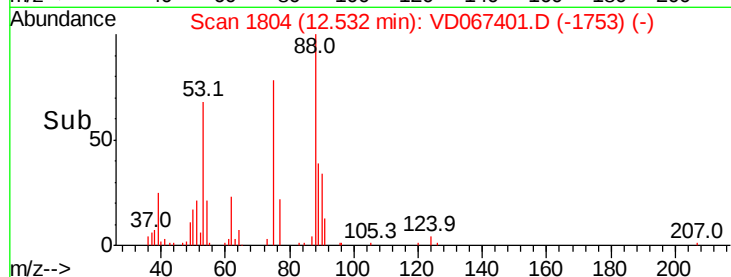
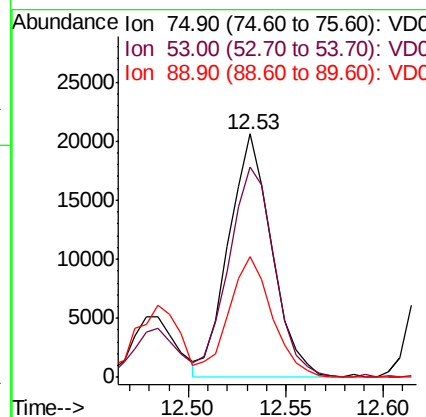
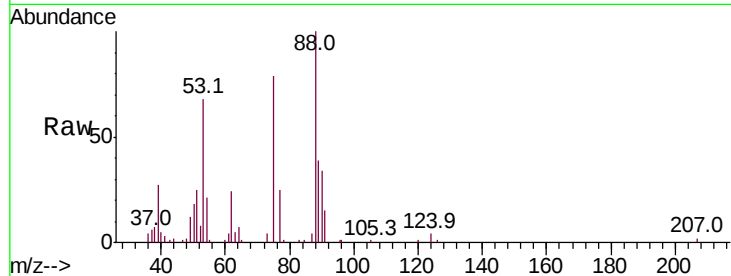




#81
trans-1,4-Dichloro-2-butene
Concen: 49.495 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

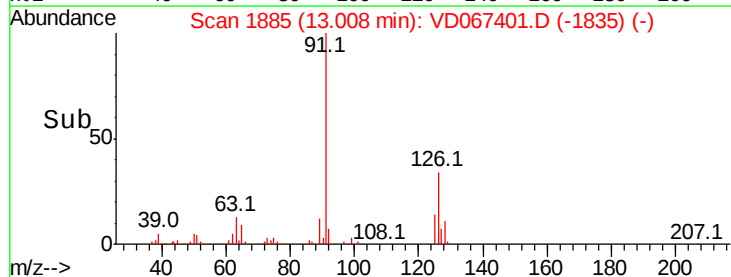
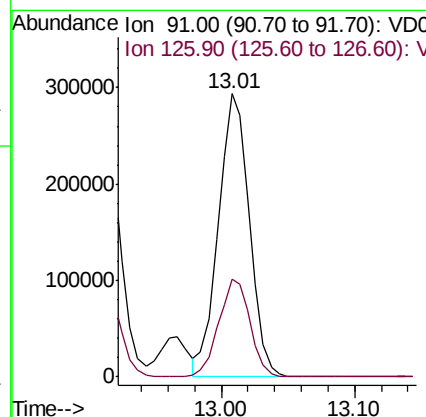
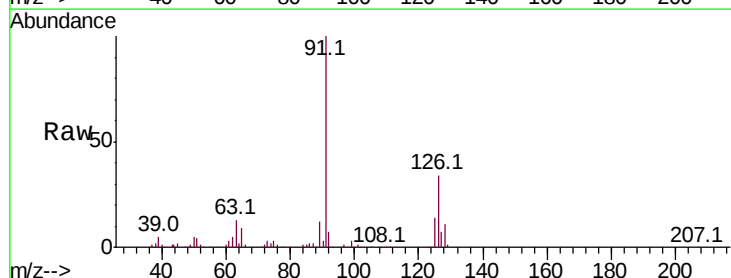
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

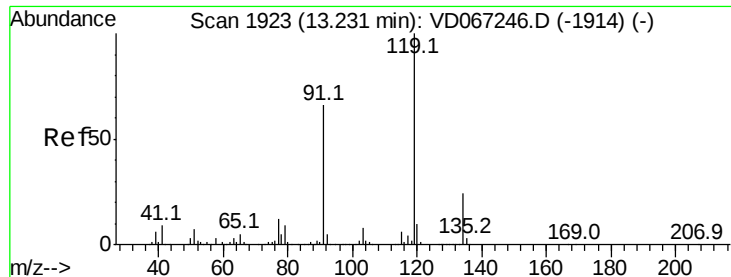
Tot Ion: 75 Resp: 31611
Ion Ratio Lower Upper
75 100
53 92.3 78.5 117.7
89 50.2 39.9 59.9



#82
4-Chlorotoluene
Concen: 50.558 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 91 Resp: 478167
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5

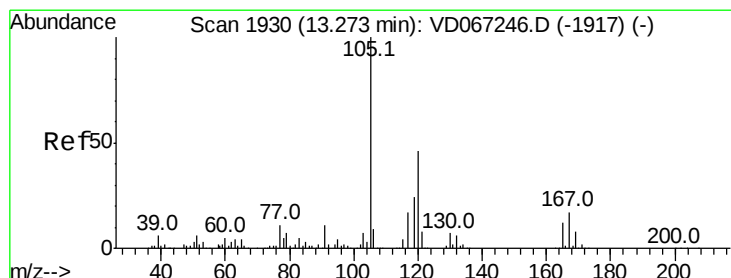
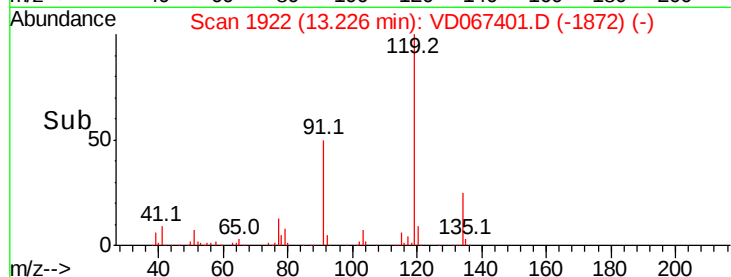
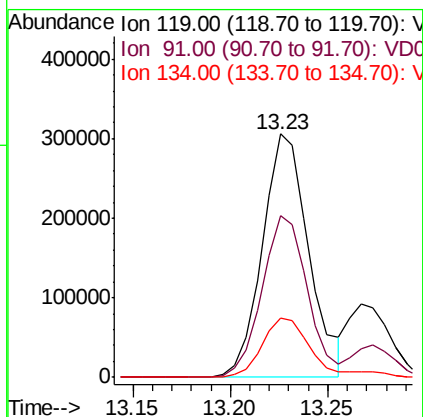
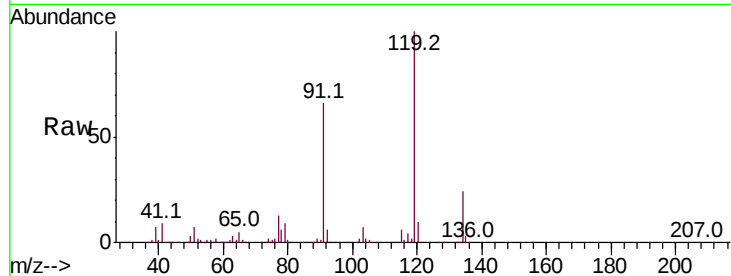




#83
tert-Butylbenzene
Concen: 51.782 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

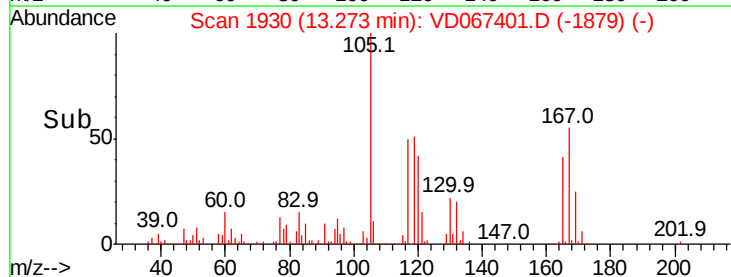
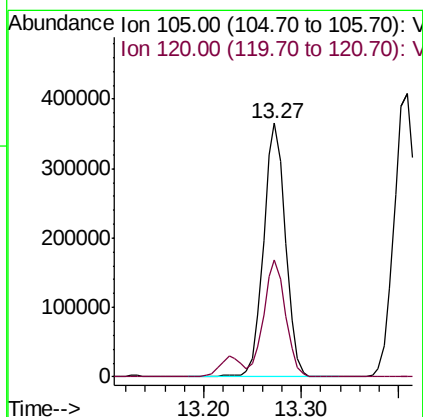
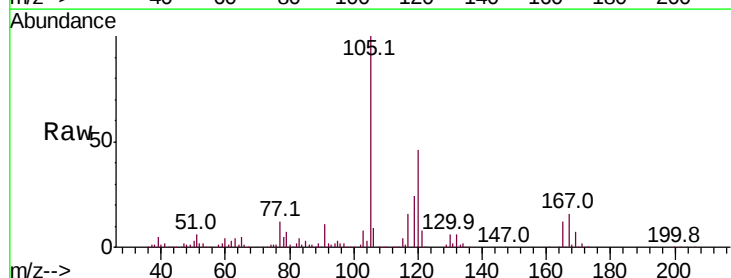
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

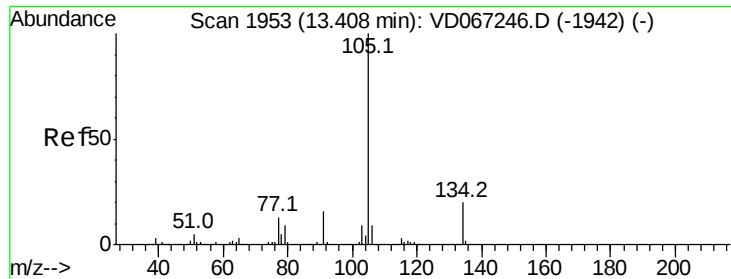
Tot Ion:119 Resp: 504104
Ion Ratio Lower Upper
119 100
91 64.7 33.1 99.2
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.826 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion:105 Resp: 578949
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3

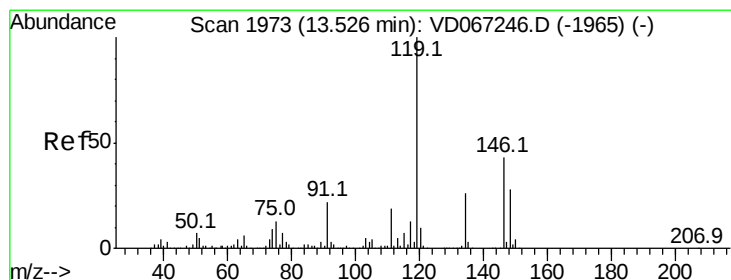
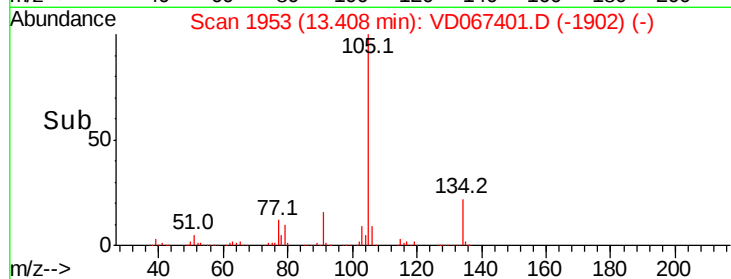
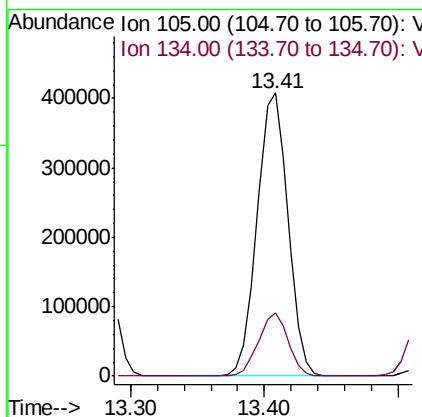
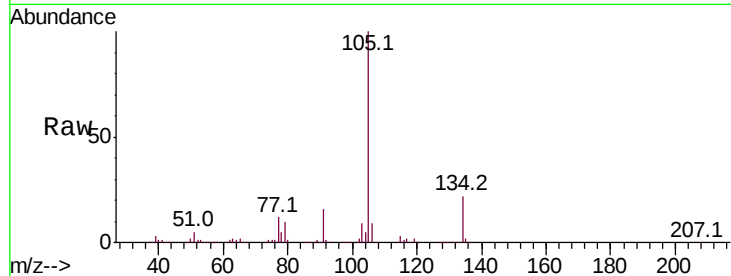




#85
 sec-Butylbenzene
 Concen: 48.652 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

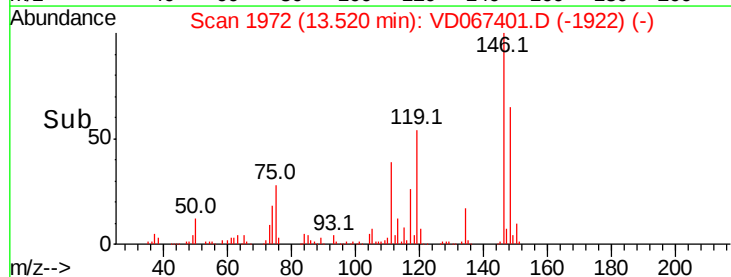
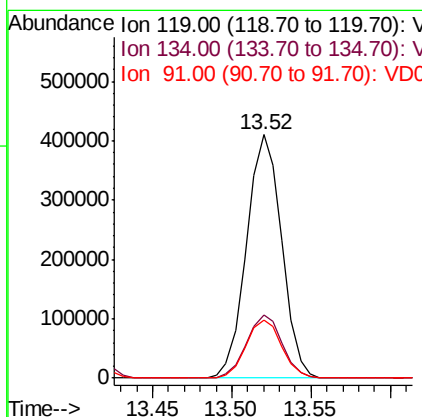
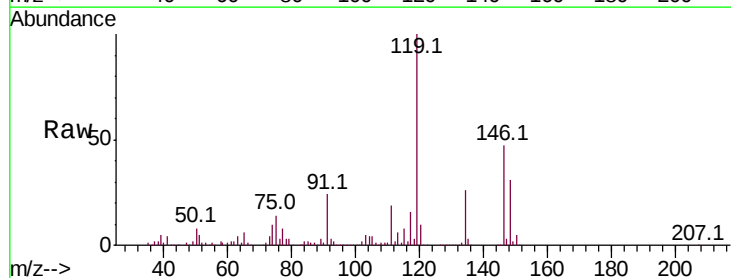
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

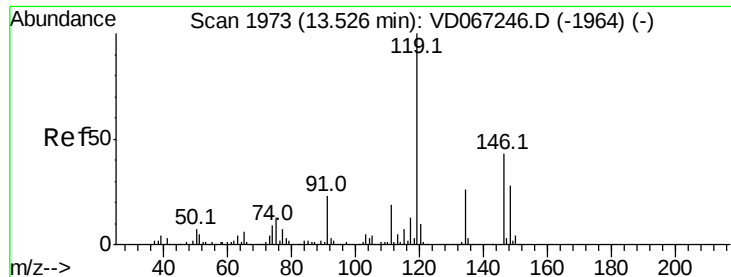
Tot Ion:105 Resp: 649899
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 50.070 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion:119 Resp: 631304
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.2 11.9 35.9

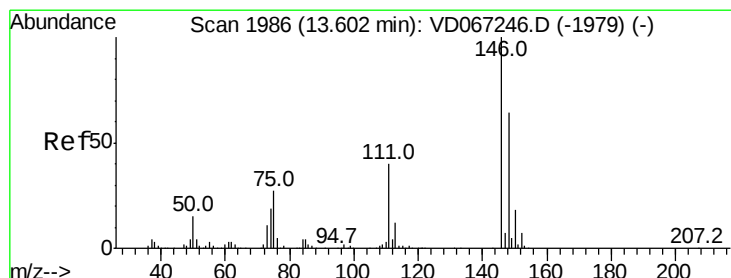
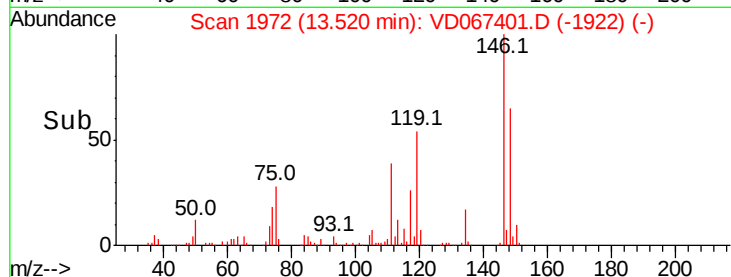
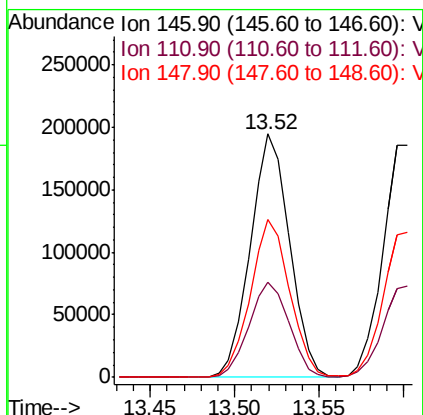
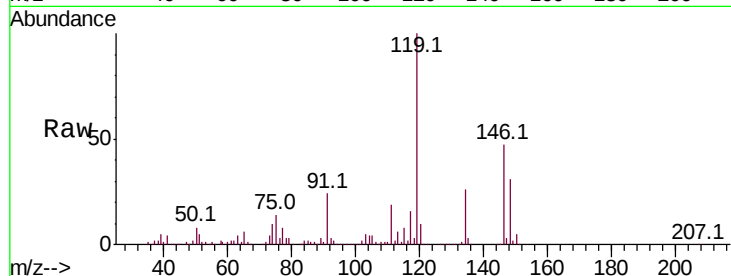




#87
 1,3-Dichlorobenzene
 Concen: 49.215 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

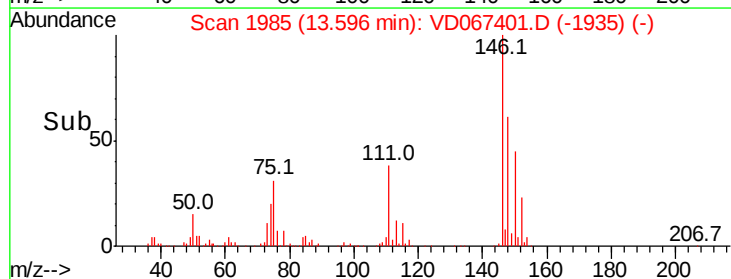
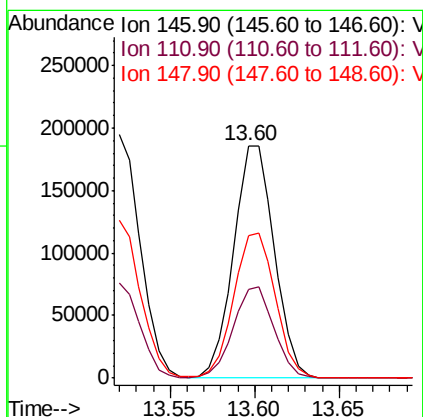
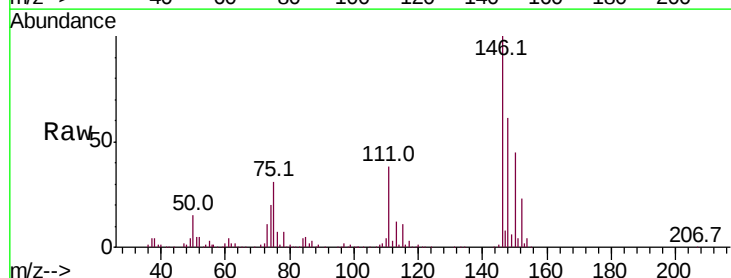
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

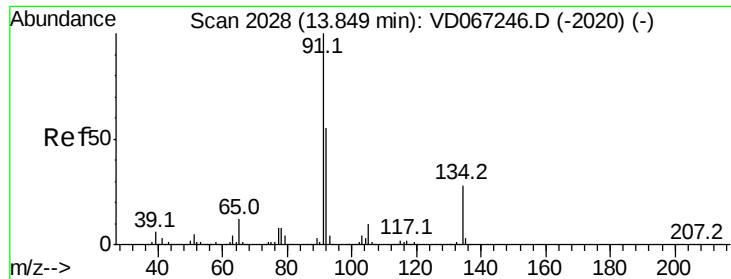
Tot Ion:146 Resp: 313213
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.3
 148 64.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.655 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion:146 Resp: 313085
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 63.3 31.9 95.9

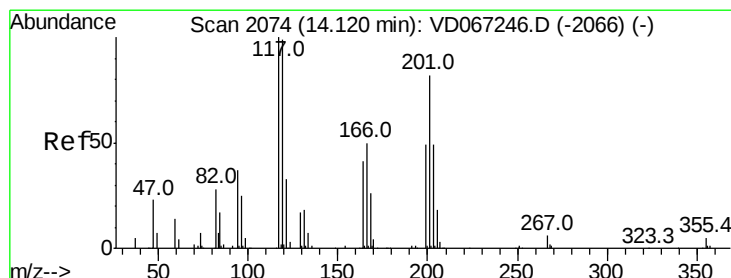
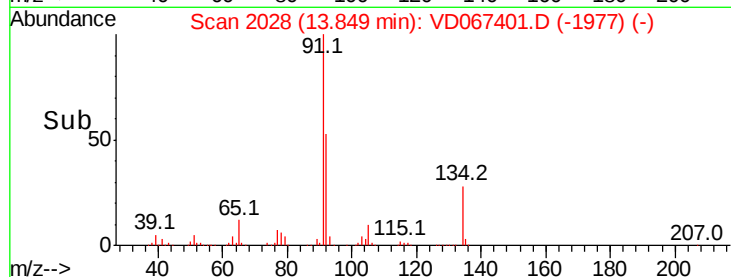
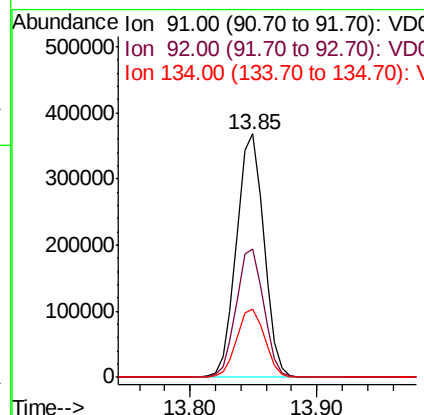
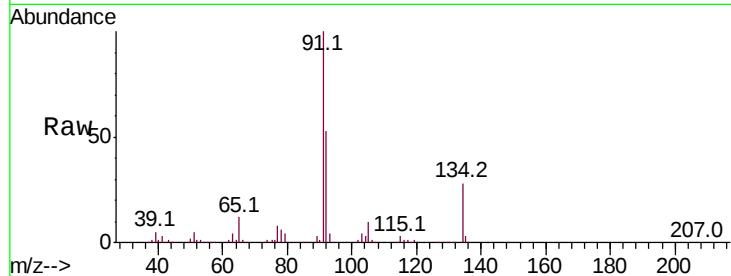




#89
n-Butylbenzene
Concen: 49.649 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

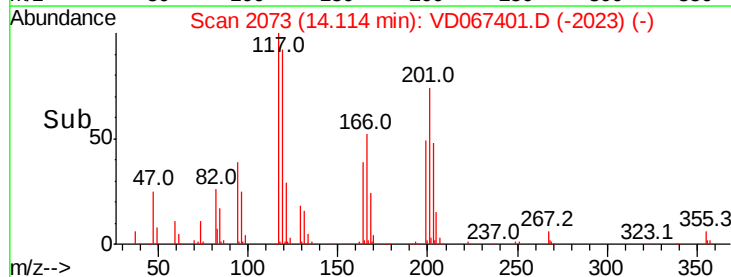
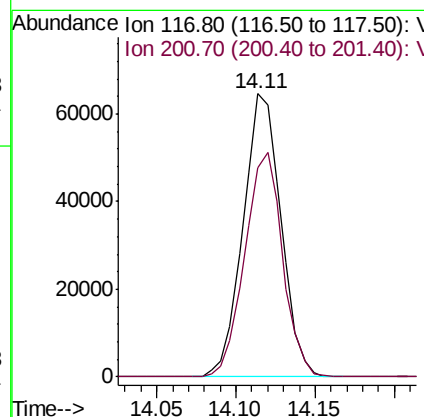
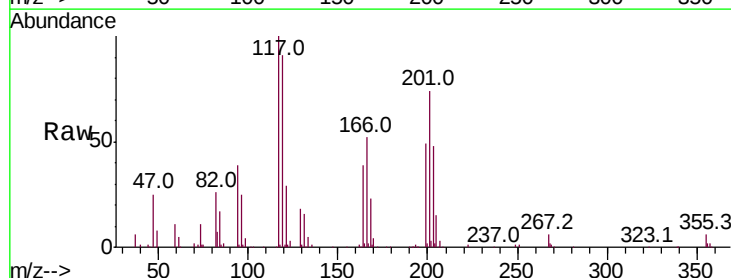
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

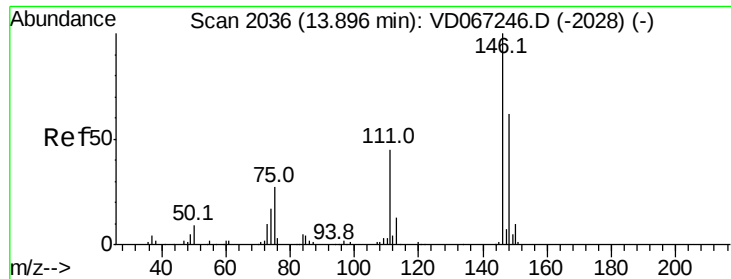
Tot Ion: 91 Resp: 550710
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 28.6 14.2 42.6



#90
Hexachloroethane
Concen: 48.767 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion: 117 Resp: 107298
Ion Ratio Lower Upper
117 100
201 79.0 40.8 122.2

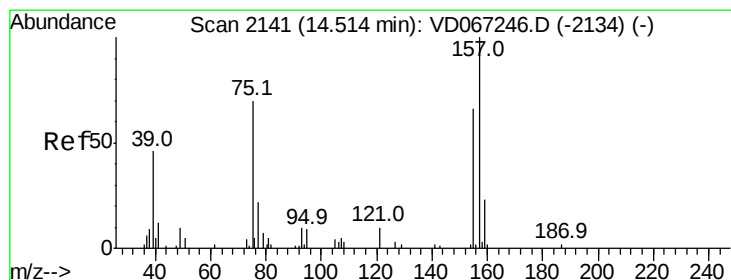
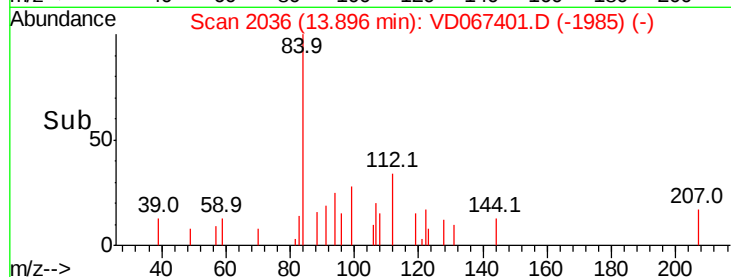
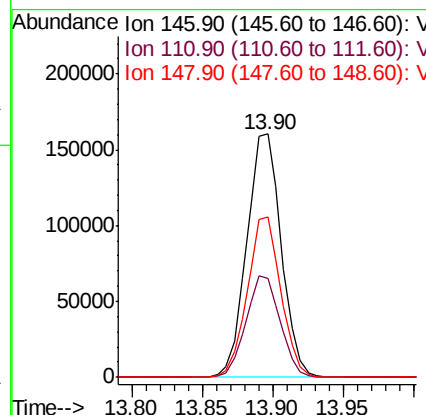
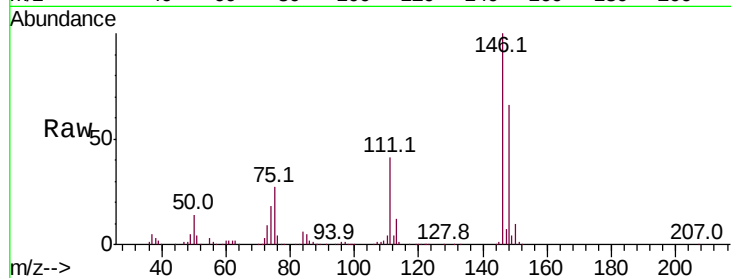




#91
 1,2-Dichlorobenzene
 Concen: 49.309 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

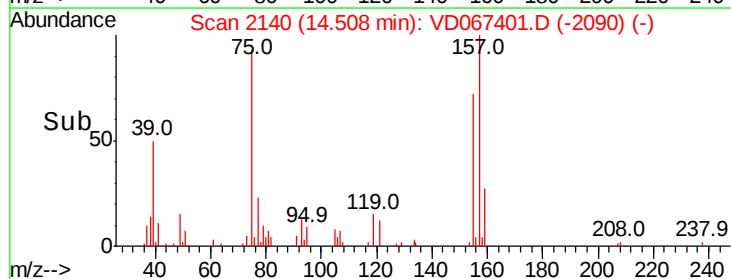
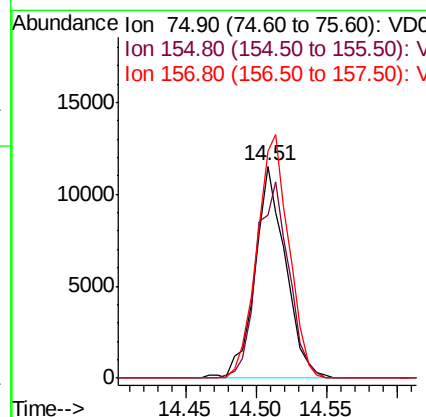
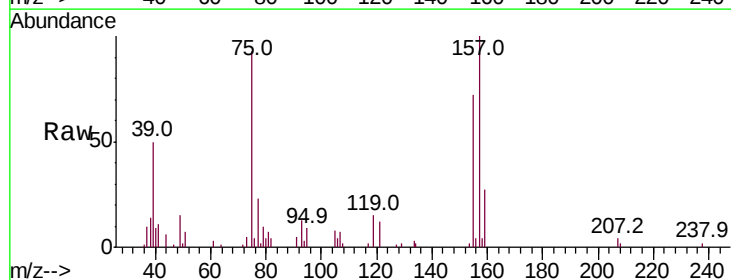
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

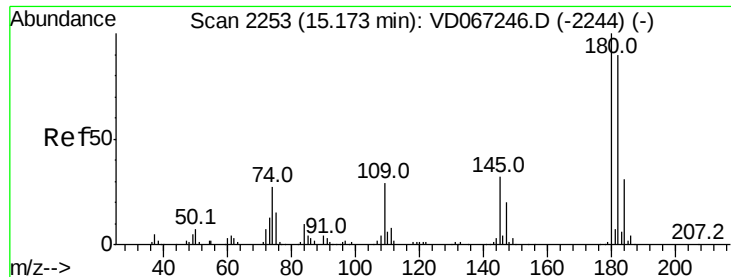
Tot Ion:146 Resp: 274137
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.0 66.0
 148 64.2 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.452 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion: 75 Resp: 17518
 Ion Ratio Lower Upper
 75 100
 155 98.6 44.8 134.4
 157 120.1 62.5 187.4

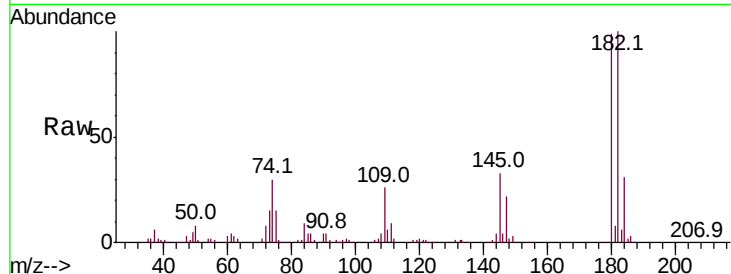




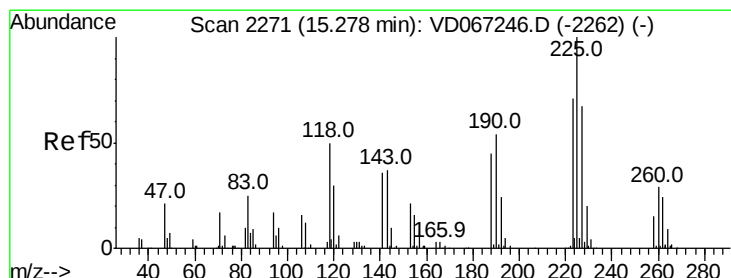
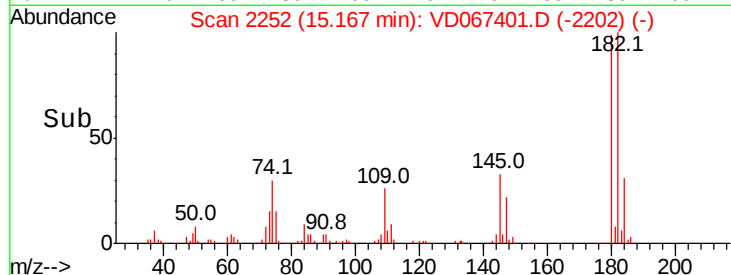
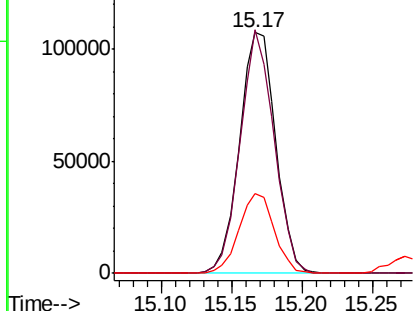
#93
 1,2,4-Trichlorobenzene
 Concen: 51.258 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	192139
Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.4
145	32.3	16.3	48.9

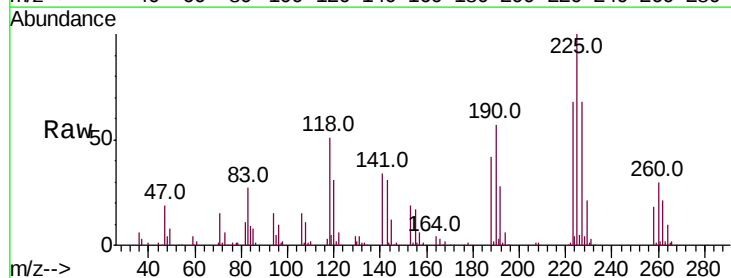


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

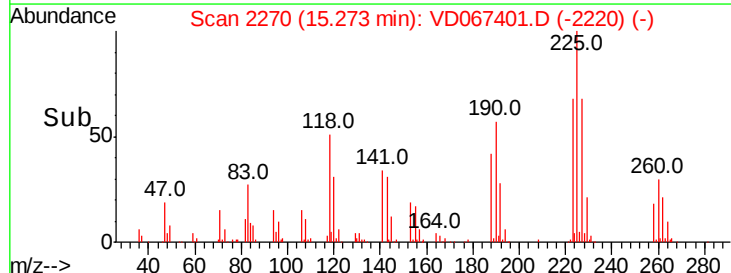
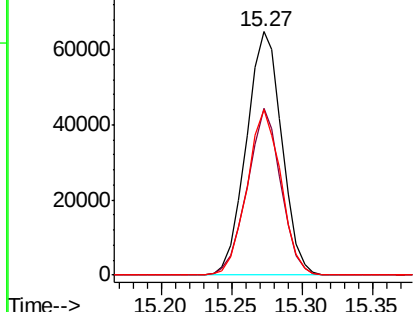


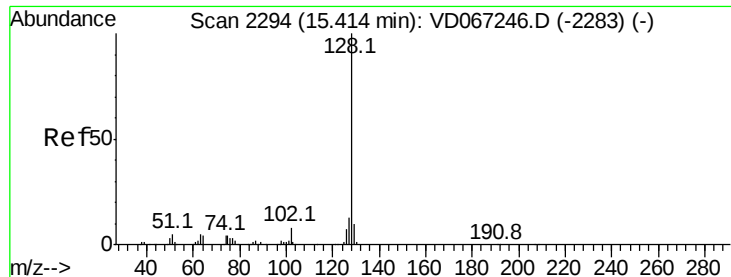
#94
 Hexachlorobutadiene
 Concen: 49.073 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067401.D
 Acq: 26 Oct 2020 19:15

Tgt Ion:	225	Resp:	114229
Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.7
227	65.3	31.2	93.6



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

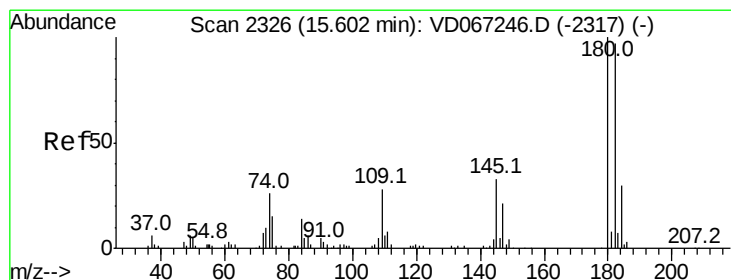
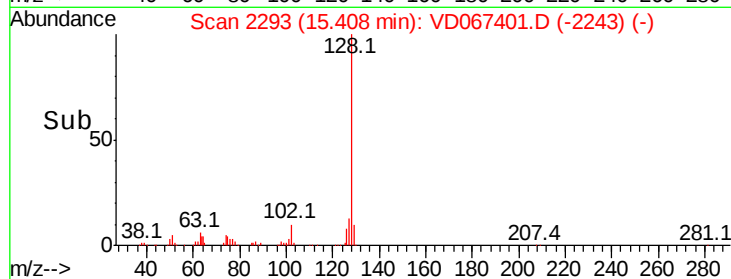
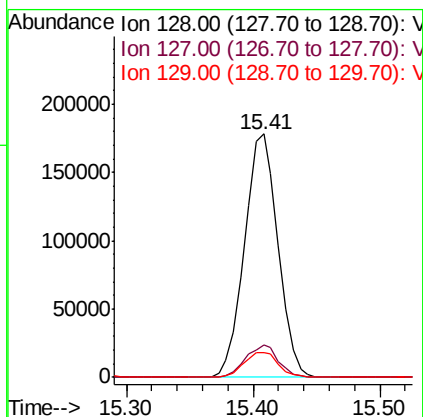
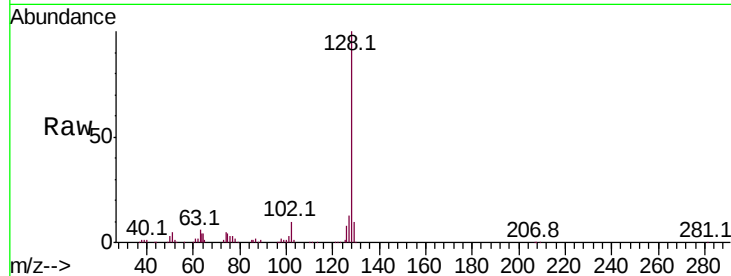




#95
Naphthalene
Concen: 53.117 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 326900
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.480 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067401.D
Acq: 26 Oct 2020 19:15

Tgt Ion:180 Resp: 169947
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.3
145 33.5 17.3 51.9

