

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067855.D
 Acq On : 03 Dec 2020 00:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 03 00:37:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	210062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	317144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116924	51.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.70%
35) Dibromofluoromethane	7.91	113	105700	49.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.62%
50) Toluene-d8	10.34	98	374154	48.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.96%
62) 4-Bromofluorobenzene	12.64	95	140464	53.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.36%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	91405	50.000	ug/l 100
3) Chloromethane	2.21	50	48243	45.727	ug/l 99
4) Vinyl Chloride	2.35	62	65020	48.934	ug/l 96
5) Bromomethane	2.77	94	80194	67.607	ug/l 93
6) Chloroethane	2.92	64	44867	51.862	ug/l 99
7) Trichlorofluoromethane	3.28	101	192112	47.249	ug/l 93
8) Diethyl Ether	3.71	74	41289	52.101	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84437	45.541	ug/l 97
10) Methyl Iodide	4.30	142	69893	35.565	ug/l 98
11) Tert butyl alcohol	5.22	59	30804	270.339	ug/l 99
12) 1,1-Dichloroethene	4.07	96	82617	47.463	ug/l 97
13) Acrolein	3.93	56	21903	252.745	ug/l 93
14) Allyl chloride	4.72	41	79968	49.660	ug/l 95
15) Acrylonitrile	5.43	53	70907	258.043	ug/l 97
16) Acetone	4.16	43	61936	222.262	ug/l 98
17) Carbon Disulfide	4.41	76	236206	48.603	ug/l 99
18) Methyl Acetate	4.71	43	27462	52.549	ug/l # 84
19) Methyl tert-butyl Ether	5.48	73	207695	55.723	ug/l 98
20) Methylene Chloride	4.97	84	104337	58.500	ug/l 99
21) trans-1,2-Dichloroethene	5.47	96	102566	51.781	ug/l 99
22) Diisopropyl ether	6.36	45	170753	52.722	ug/l # 87
23) Vinyl Acetate	6.31	43	507760	281.813	ug/l 96
24) 1,1-Dichloroethane	6.27	63	147115	51.818	ug/l 99
25) 2-Butanone	7.22	43	75732	258.385	ug/l 93
26) 2,2-Dichloropropane	7.22	77	158259	46.746	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	113345	52.317	ug/l 99
28) Bromochloromethane	7.56	49	49770	55.214	ug/l # 96
29) Tetrahydrofuran	7.57	42	42942	257.314	ug/l 92
30) Chloroform	7.71	83	198254	52.253	ug/l 97
31) Cyclohexane	7.98	56	102944	43.329	ug/l 92
32) 1,1,1-Trichloroethane	7.90	97	201225	50.242	ug/l 98
36) 1,1-Dichloropropene	8.12	75	127710	46.516	ug/l 99
37) Ethyl Acetate	7.30	43	35807	48.391	ug/l 96
38) Carbon Tetrachloride	8.10	117	190751	45.920	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	146901	45.151	ug/l	93
40) Benzene	8.36	78	373251	49.684	ug/l	98
41) Methacrylonitrile	7.56	41	51667	156.578	ug/l #	29
42) 1,2-Dichloroethane	8.43	62	137308	51.283	ug/l	98
43) Isopropyl Acetate	8.45	43	72067	49.499	ug/l	97
44) Trichloroethene	9.12	130	122627	47.477	ug/l	96
45) 1,2-Dichloropropane	9.39	63	73793	47.859	ug/l	96
46) Dibromomethane	9.48	93	54545	50.880	ug/l	99
47) Bromodichloromethane	9.67	83	155710	50.949	ug/l	99
48) Methyl methacrylate	9.46	41	36652	49.576	ug/l	92
49) 1,4-Dioxane	9.47	88	11169	911.781	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	177850	258.098	ug/l	98
52) Toluene	10.41	92	258769	49.267	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	133110	50.461	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	145023	50.543	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	71254	48.568	ug/l	96
56) Ethyl methacrylate	10.66	69	74512	49.918	ug/l	96
57) 1,3-Dichloropropane	10.95	76	114484	49.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	184797	272.070	ug/l	100
59) 2-Hexanone	10.99	43	122669	252.528	ug/l	97
60) Dibromochloromethane	11.14	129	111794	50.551	ug/l	99
61) 1,2-Dibromoethane	11.25	107	74194	51.426	ug/l	96
64) Tetrachloroethene	10.88	164	110314	44.967	ug/l	98
65) Chlorobenzene	11.67	112	295879	47.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	123002	48.596	ug/l	97
67) Ethyl Benzene	11.75	91	511476	48.383	ug/l	99
68) m/p-Xylenes	11.86	106	395252	94.820	ug/l	100
69) o-Xylene	12.18	106	182356	49.277	ug/l	99
70) Styrene	12.20	104	323265	50.237	ug/l	99
71) Bromoform	12.36	173	65271	48.716	ug/l #	95
73) Isopropylbenzene	12.48	105	507694	46.775	ug/l	99
74) N-amyl acetate	12.29	43	65617	48.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	65118	45.442	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	96491	83.951	ug/l #	1
77) Bromobenzene	12.76	156	128533	47.634	ug/l	98
78) n-propylbenzene	12.83	91	559648	46.521	ug/l	100
79) 2-Chlorotoluene	12.91	91	330667	46.723	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	446349	47.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19938	41.495	ug/l	92
82) 4-Chlorotoluene	13.01	91	349639	46.314	ug/l	100
83) tert-Butylbenzene	13.23	119	376256	47.051	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	451127	48.276	ug/l	98
85) sec-Butylbenzene	13.40	105	485806	45.516	ug/l	100
86) p-Isopropyltoluene	13.52	119	472714	45.190	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	242377	46.565	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	235692	45.261	ug/l	100
89) n-Butylbenzene	13.84	91	384873	44.286	ug/l	99
90) Hexachloroethane	14.11	117	89214	46.195	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	212583	47.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13706	45.830	ug/l	93

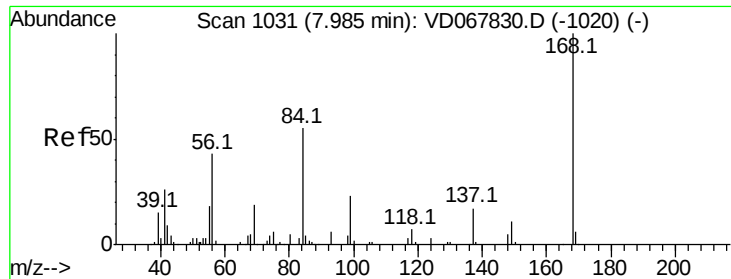
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150187	47.560	ug/l	99
94) Hexachlorobutadiene	15.27	225	91114	44.218	ug/l	97
95) Naphthalene	15.40	128	253750	49.382	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	132623	48.632	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

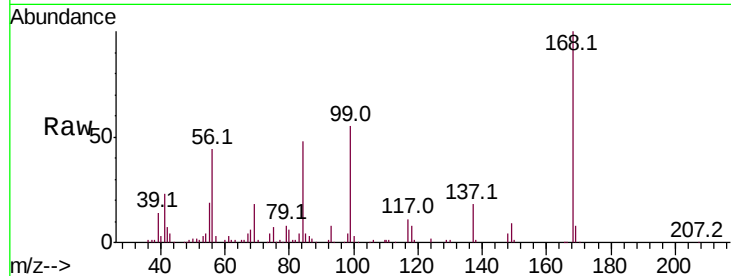
VSTDCCC050EC

Tot Ion:168 Resp: 210062

Ion Ratio Lower Upper

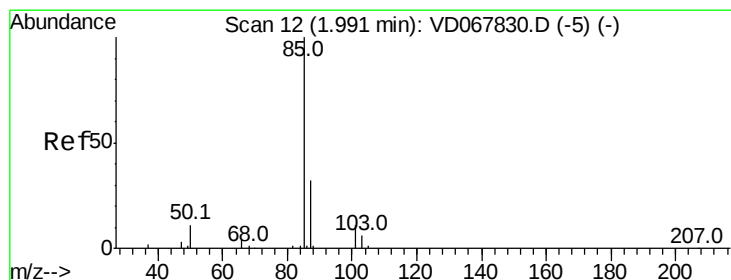
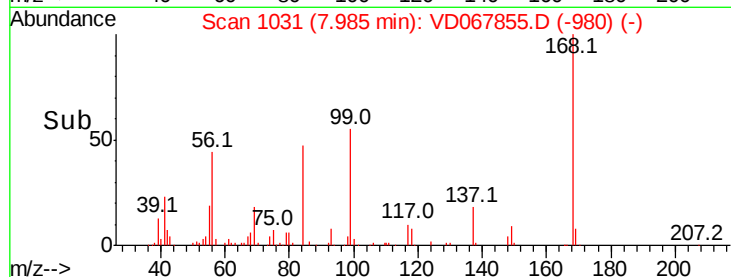
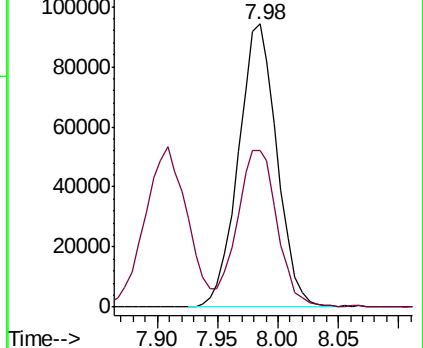
168 100

99 54.9 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.000 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067855.D

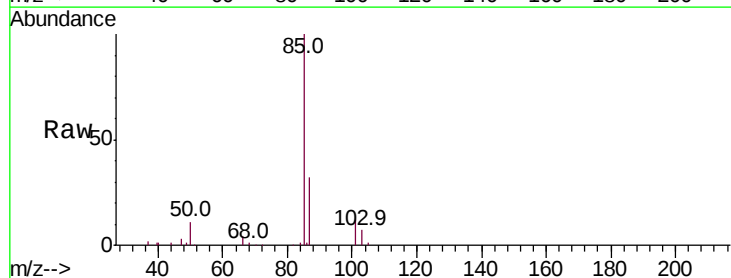
Acq: 03 Dec 2020 00:07

Tgt Ion: 85 Resp: 91405

Ion Ratio Lower Upper

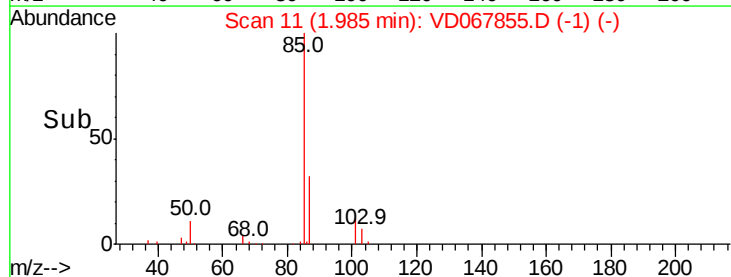
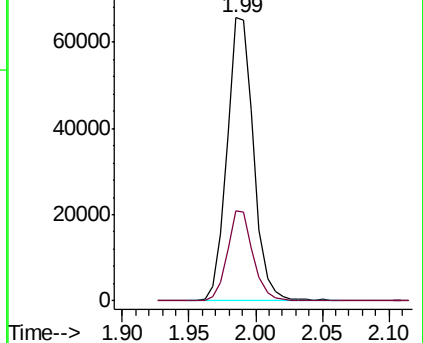
85 100

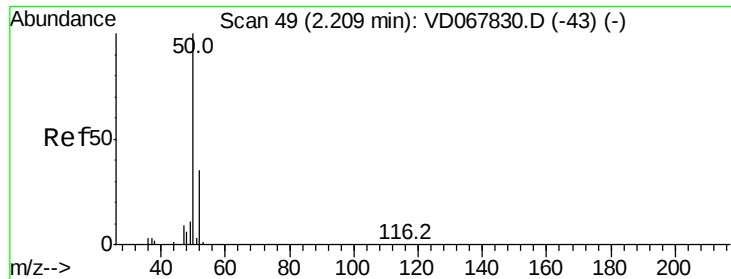
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.727 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

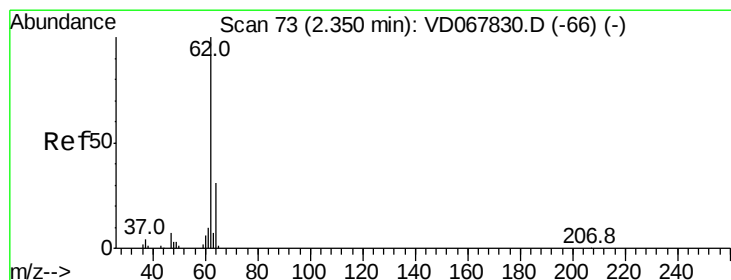
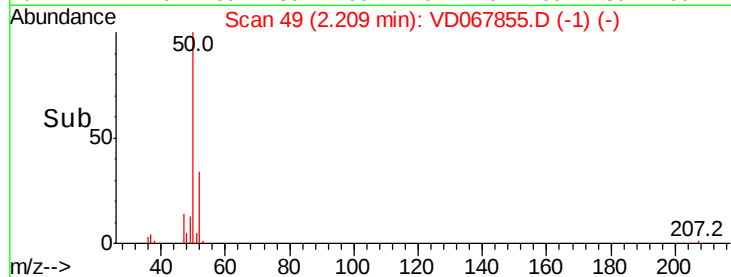
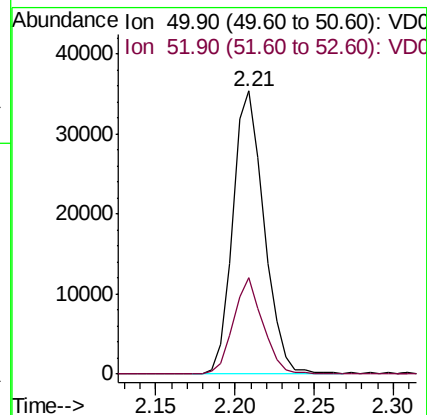
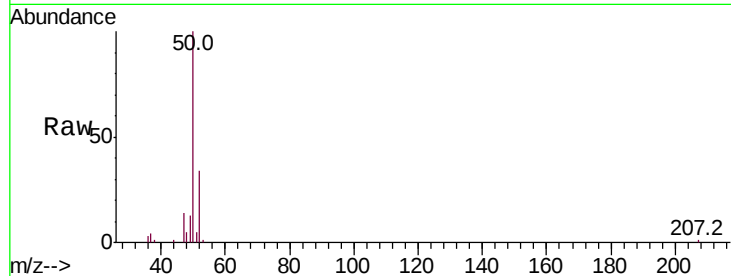
VSTDCCC050EC

Tot Ion: 50 Resp: 48243

Ion Ratio Lower Upper

50 100

52 33.9 27.8 41.6



#4

Vinyl Chloride

Concen: 48.934 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067855.D

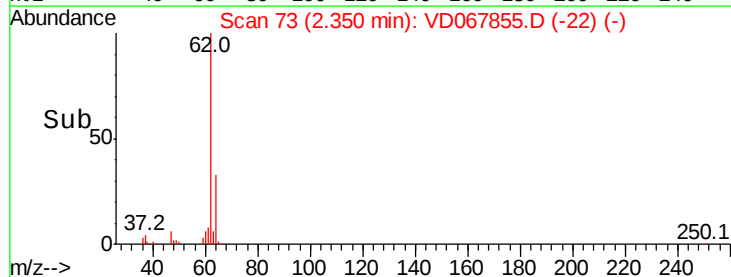
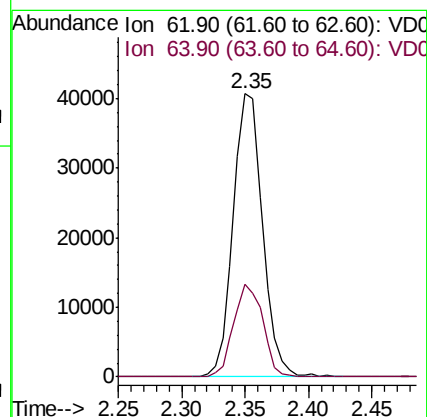
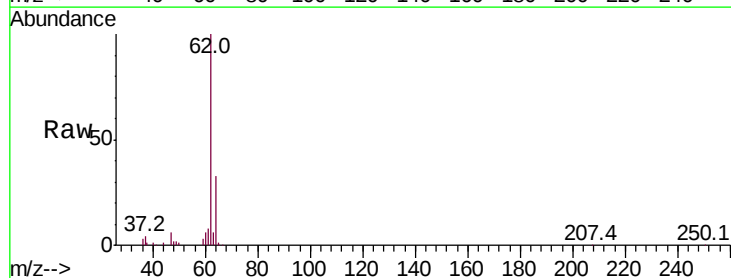
Acq: 03 Dec 2020 00:07

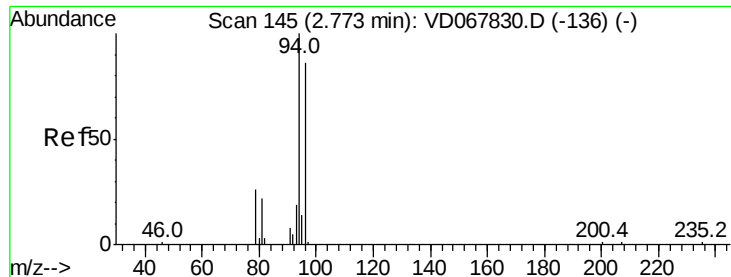
Tgt Ion: 62 Resp: 65020

Ion Ratio Lower Upper

62 100

64 32.6 24.5 36.7





#5

Bromomethane

Concen: 67.607 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

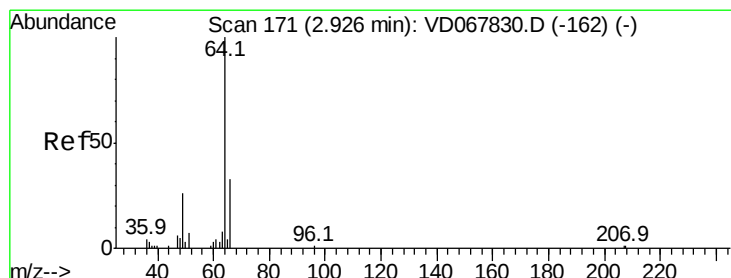
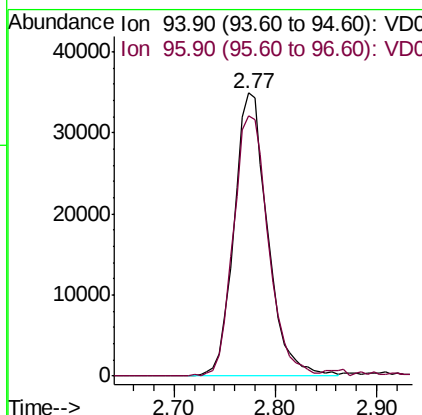
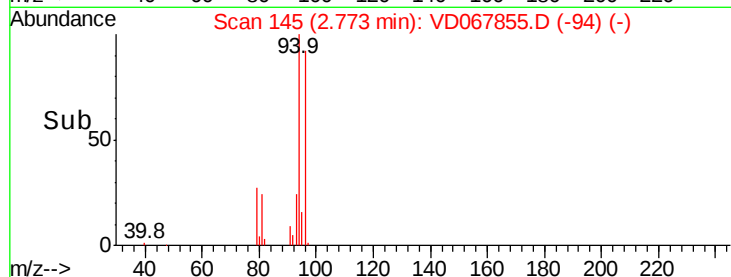
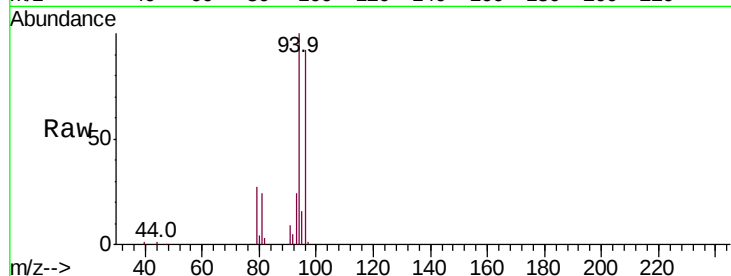
VSTDCCC050EC

Tot Ion: 94 Resp: 80194

Ion Ratio Lower Upper

94 100

96 92.0 68.7 103.1



#6

Chloroethane

Concen: 51.862 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067855.D

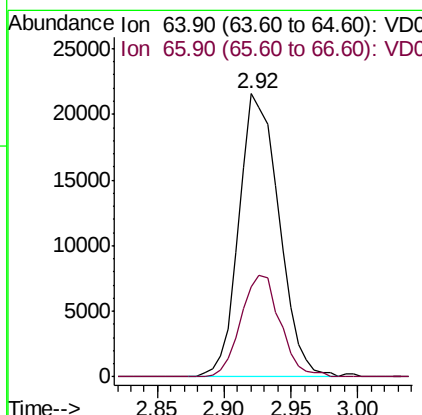
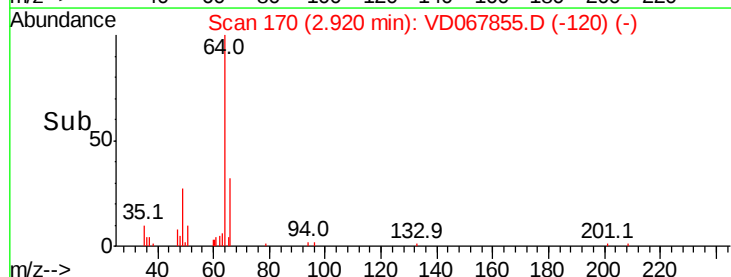
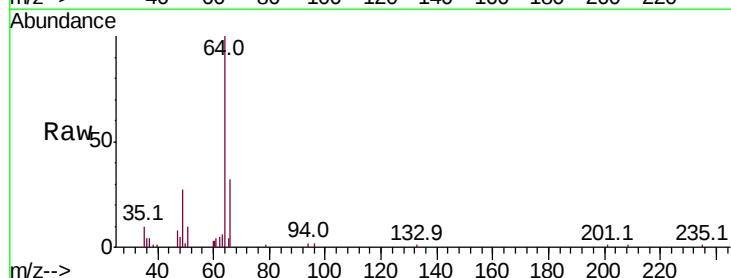
Acq: 03 Dec 2020 00:07

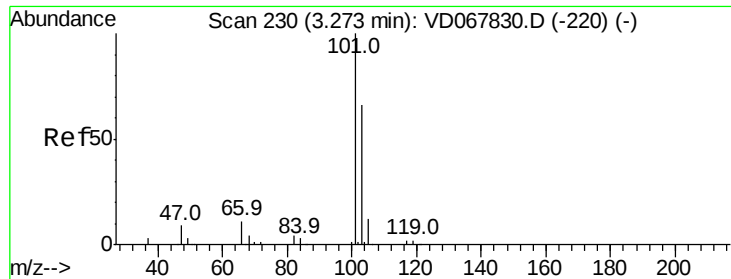
Tgt Ion: 64 Resp: 44867

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1



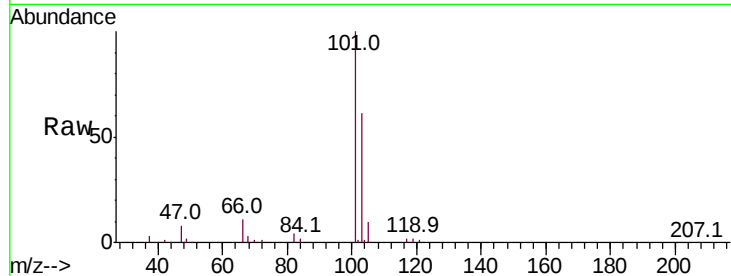


#7

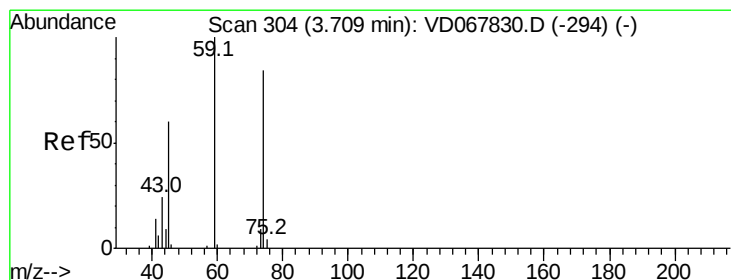
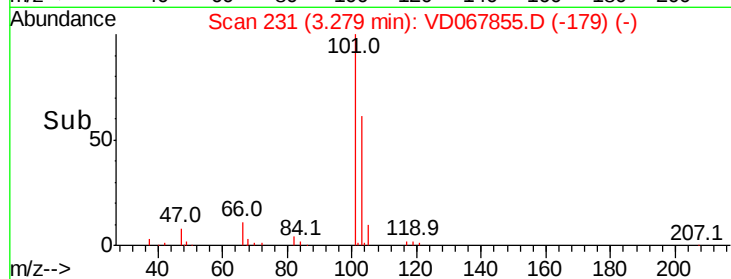
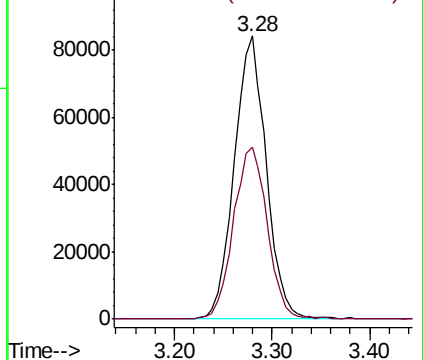
Trichlorofluoromethane
 Concen: 47.249 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 192112
 Ion Ratio Lower Upper
 101 100
 103 60.9 53.0 79.6



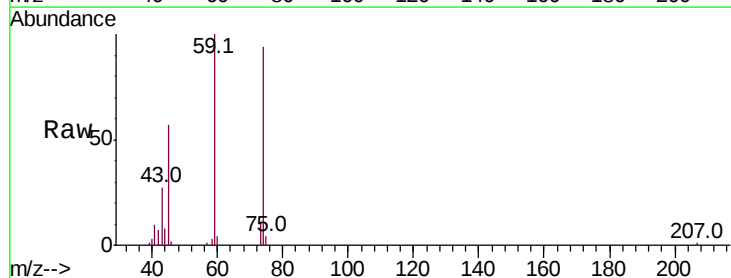
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



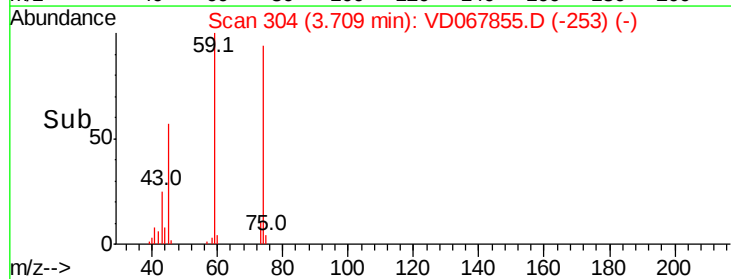
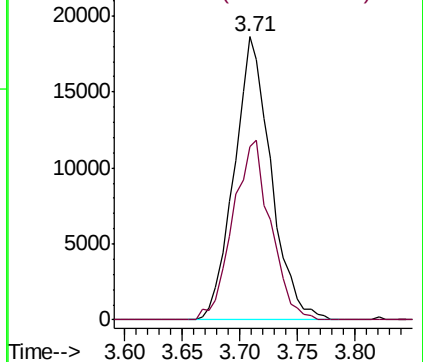
#8

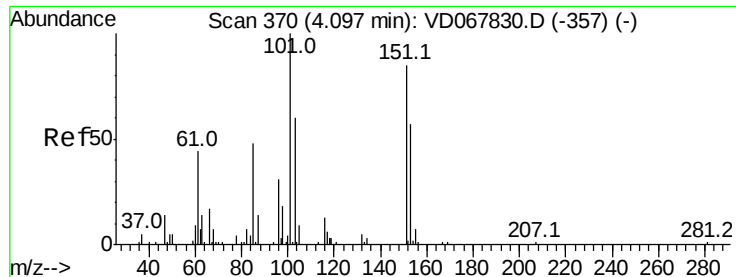
Diethyl Ether
 Concen: 52.101 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 74 Resp: 41289
 Ion Ratio Lower Upper
 74 100
 45 65.1 33.9 101.7



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: 45.541 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

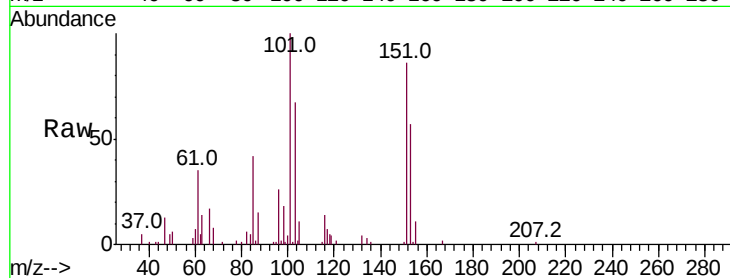
Tot Ion:101 Resp: 84437

Ion Ratio Lower Upper

101 100

85 44.4 36.2 54.4

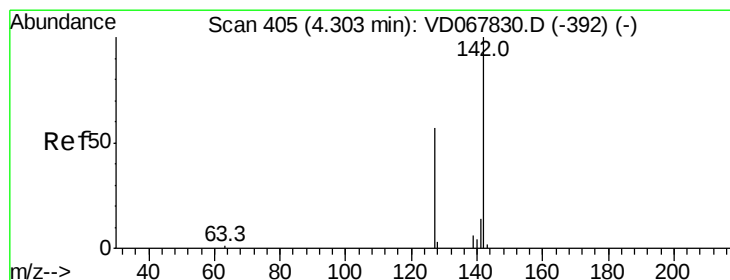
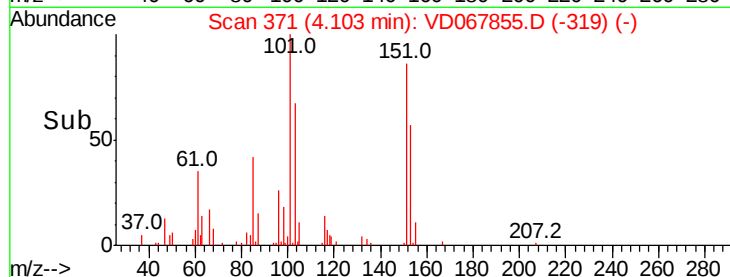
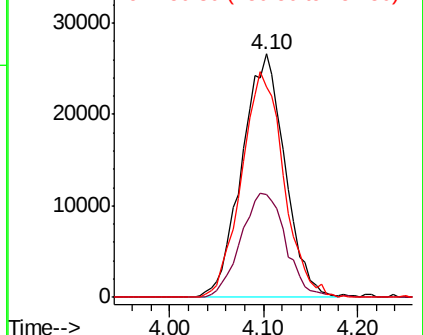
151 90.9 69.4 104.2



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: 35.565 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

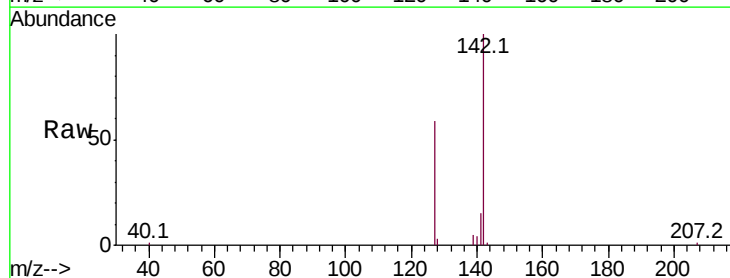
Tgt Ion:142 Resp: 69893

Ion Ratio Lower Upper

142 100

127 53.2 43.9 65.9

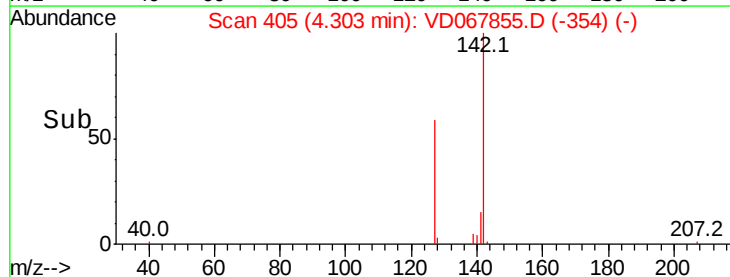
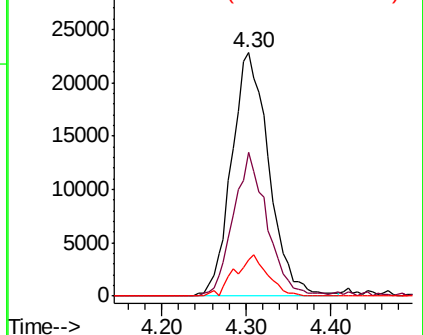
141 15.0 12.2 18.2

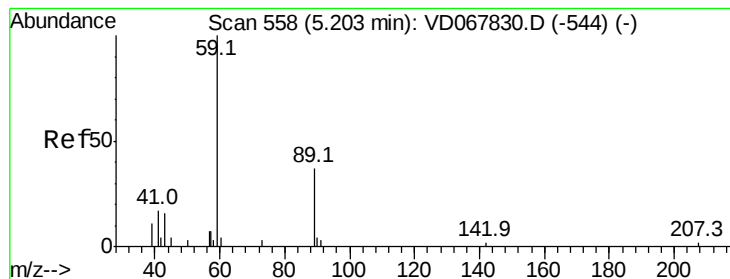


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



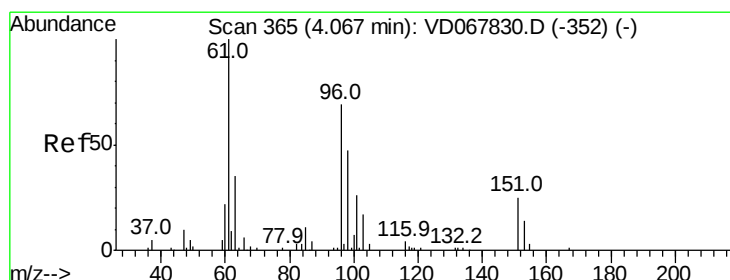
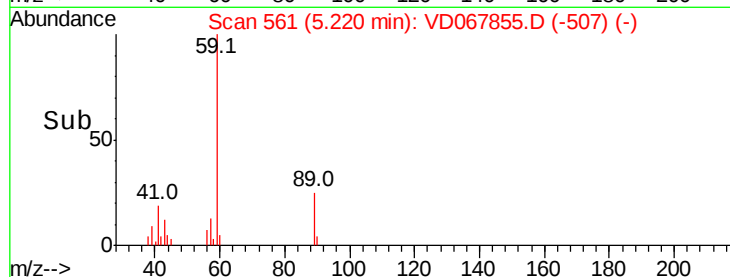
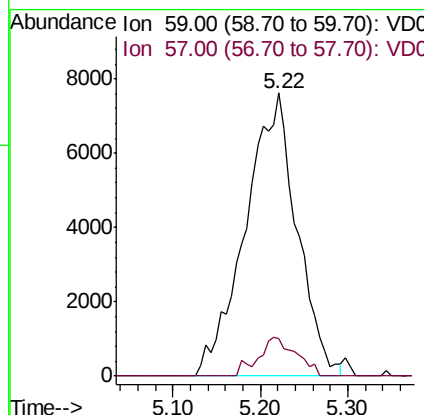
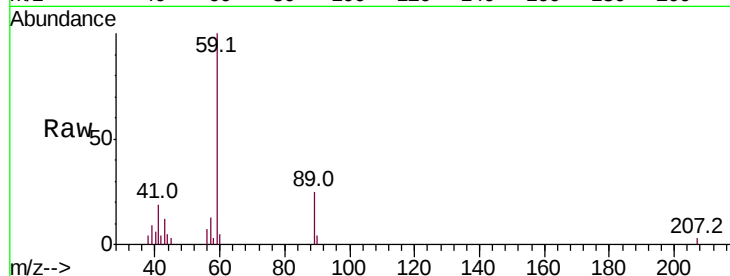


#11

Tert butyl alcohol
 Concen: 270.339 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

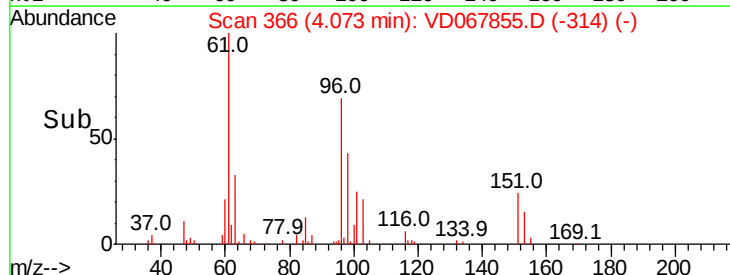
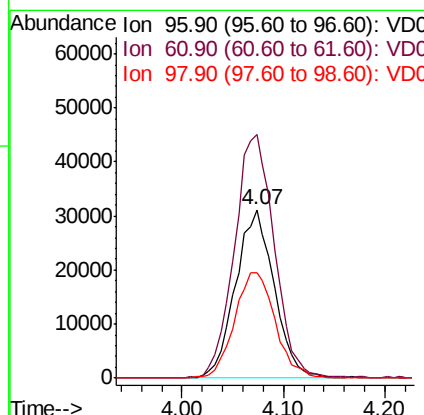
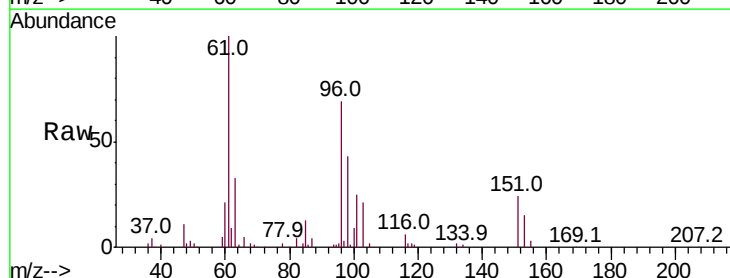
Tot Ion: 59 Resp: 30804
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

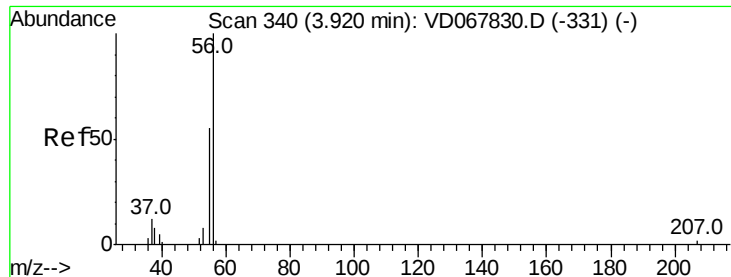


#12

1,1-Dichloroethene
 Concen: 47.463 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 96 Resp: 82617
 Ion Ratio Lower Upper
 96 100
 61 144.1 116.1 174.1
 98 62.9 54.6 82.0





#13

Acrolein

Concen: 252.745 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

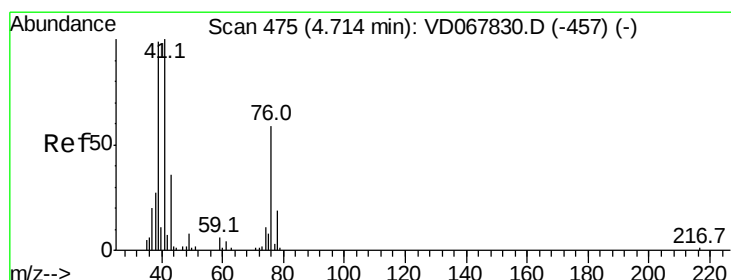
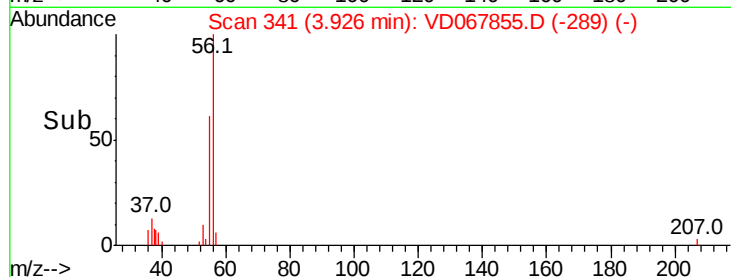
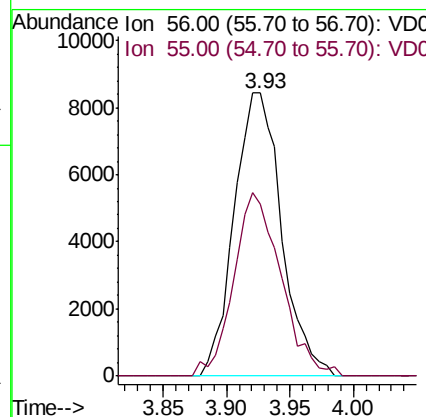
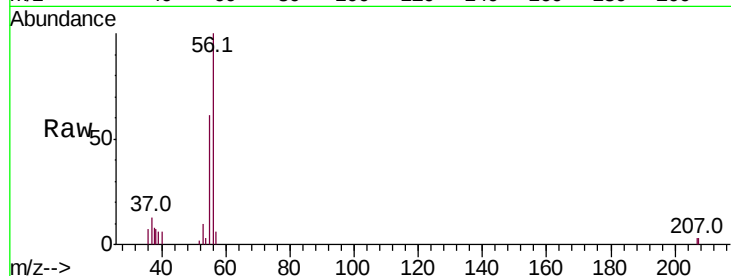
VSTDCCC050EC

Tot Ion: 56 Resp: 21903

Ion Ratio Lower Upper

56 100

55 64.5 56.5 84.7



#14

Allyl chloride

Concen: 49.660 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

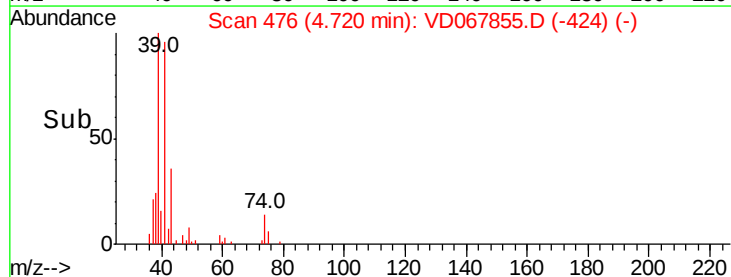
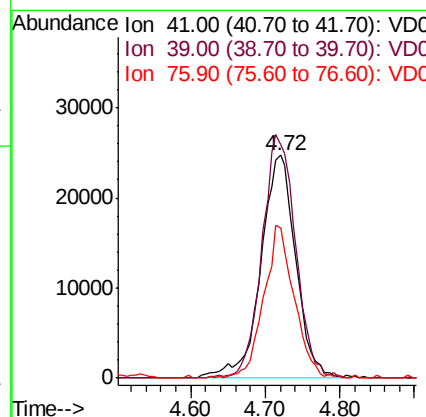
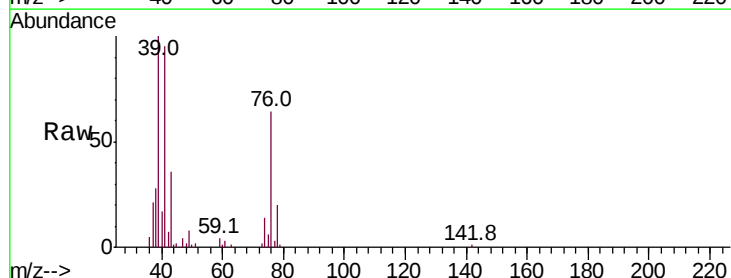
Tgt Ion: 41 Resp: 79968

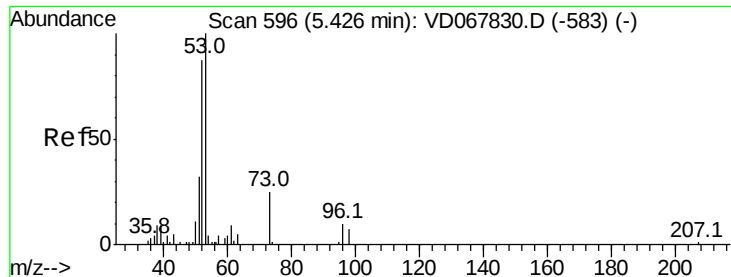
Ion Ratio Lower Upper

41 100

39 105.1 79.0 118.6

76 59.4 46.6 70.0





#15

Acrylonitrile

Concen: 258.043 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

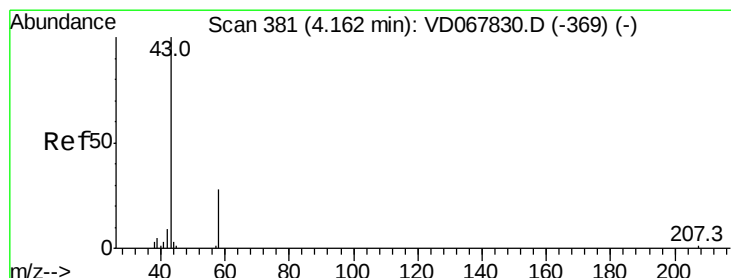
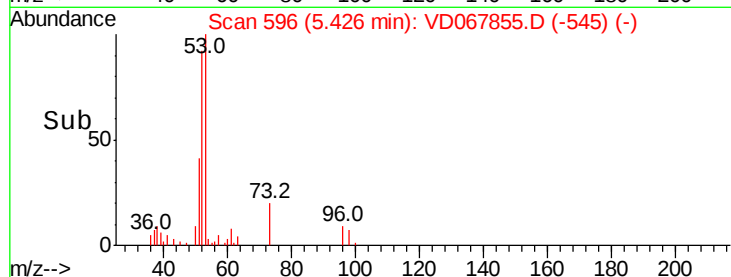
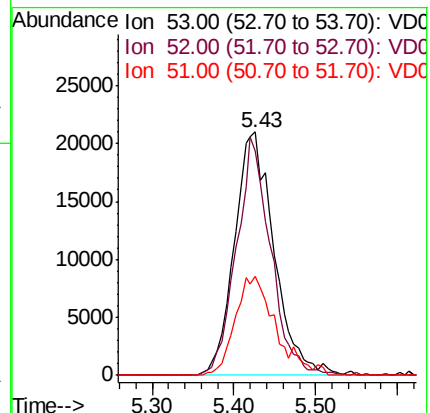
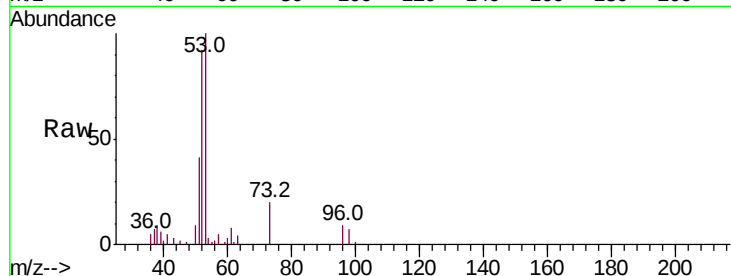
Tot Ion: 53 Resp: 70907

Ion Ratio Lower Upper

53 100

52 84.4 66.2 99.2

51 41.6 31.1 46.7



#16

Acetone

Concen: 222.262 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067855.D

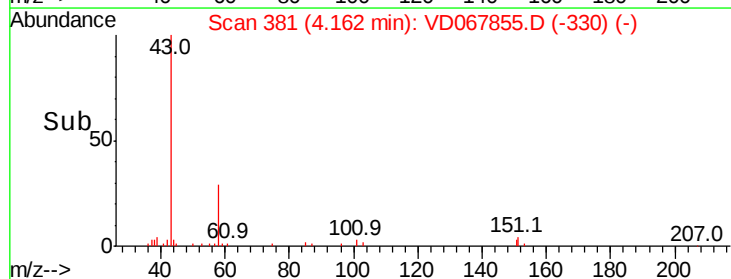
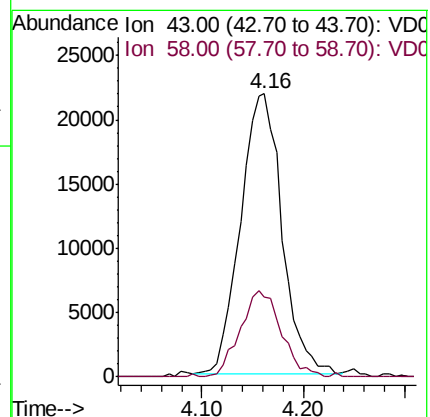
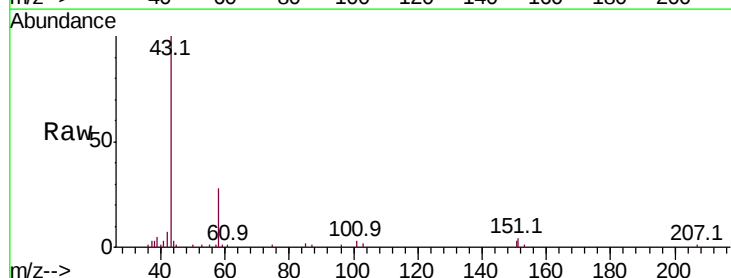
Acq: 03 Dec 2020 00:07

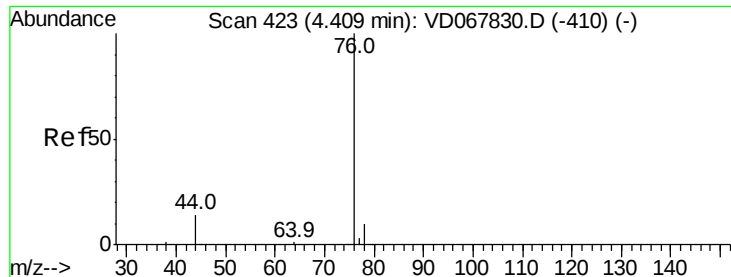
Tgt Ion: 43 Resp: 61936

Ion Ratio Lower Upper

43 100

58 28.7 21.9 32.9

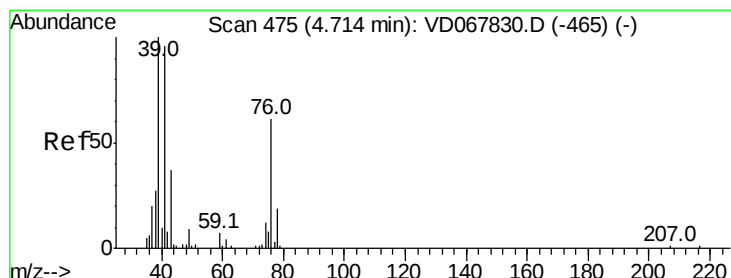
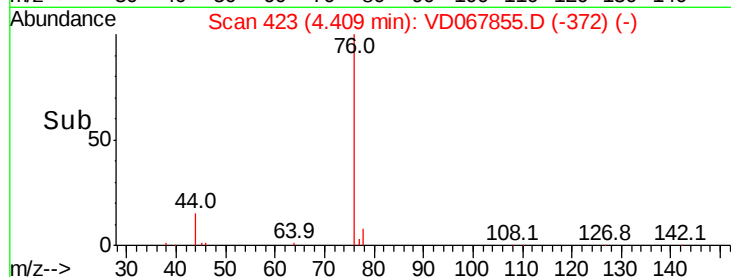
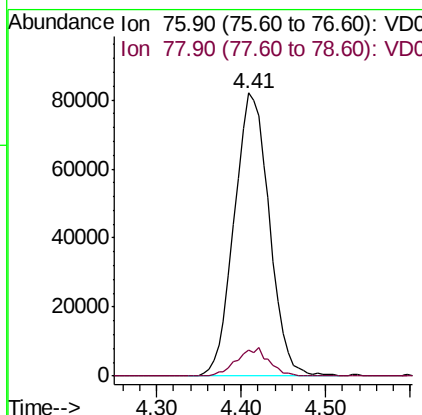
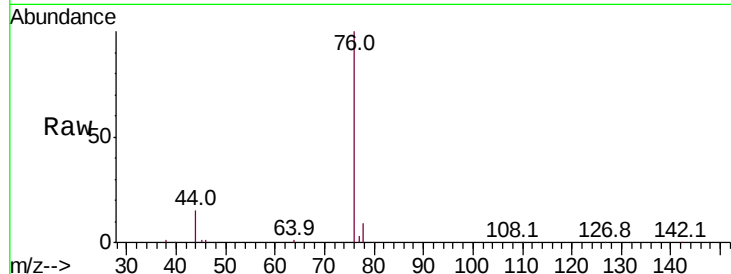




#17
Carbon Disulfide
Concen: 48.603 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

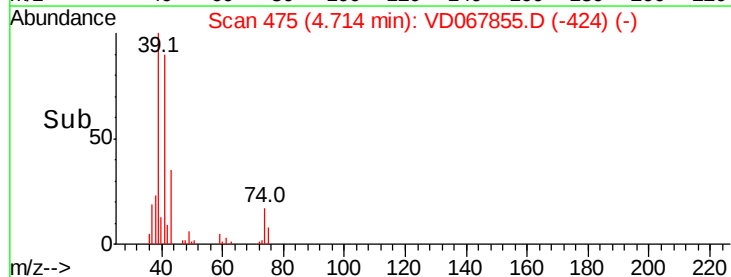
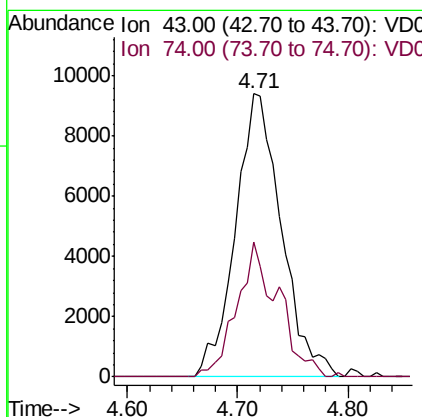
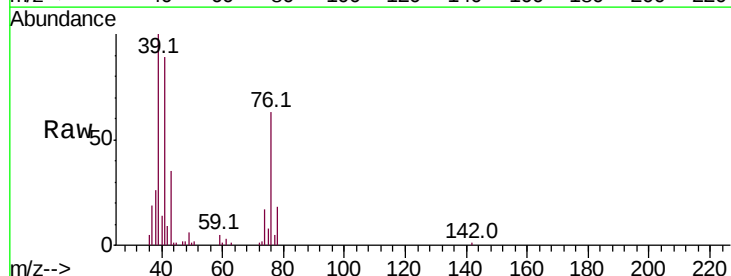
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

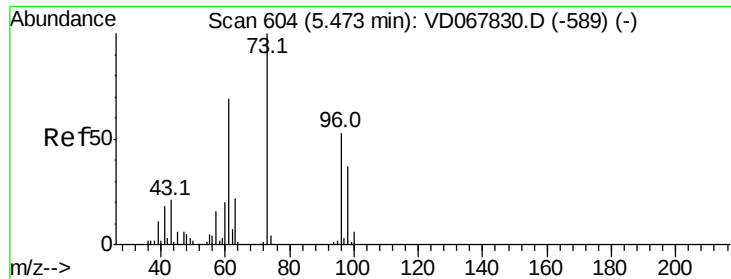
Tot Ion: 76 Resp: 236206
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 52.549 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 43 Resp: 27462
Ion Ratio Lower Upper
43 100
74 42.7 27.0 40.4#



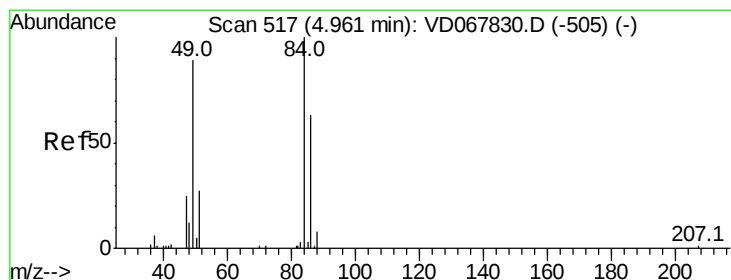
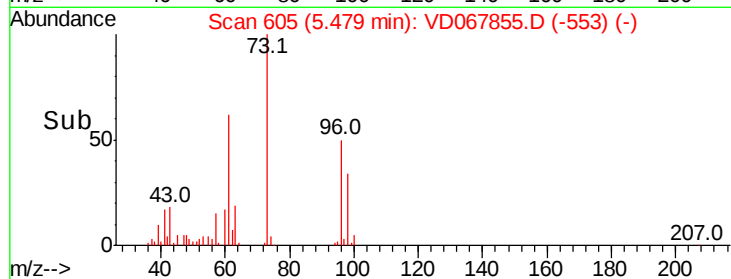
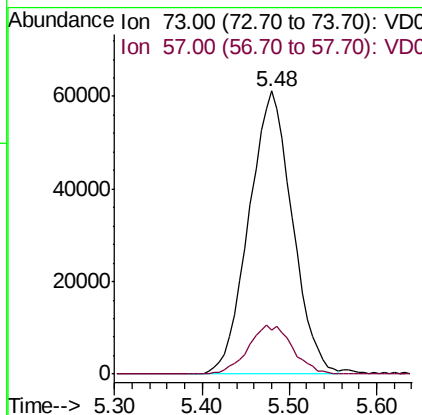
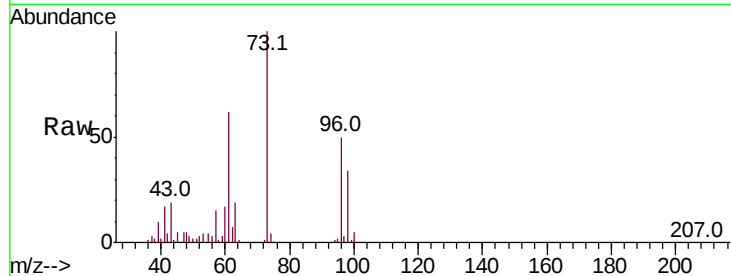


#19

Methyl tert-butyl Ether
 Concen: 55.723 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

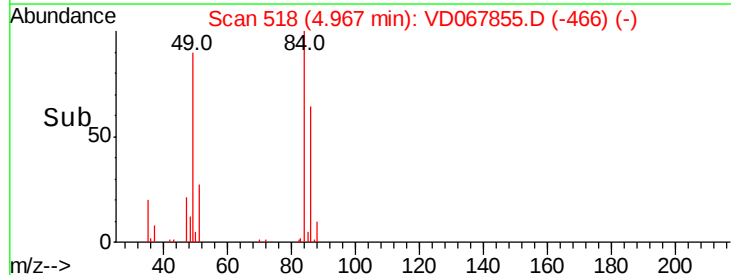
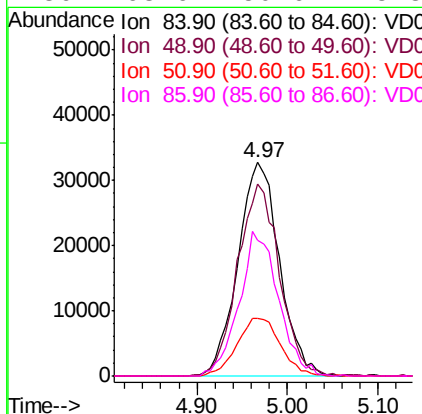
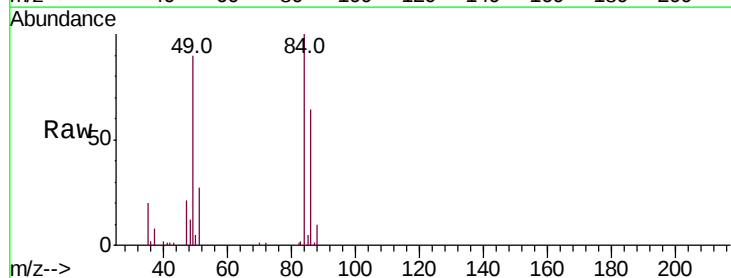
Tot Ion: 73 Resp: 207695
 Ion Ratio Lower Upper
 73 100
 57 15.5 13.2 19.8

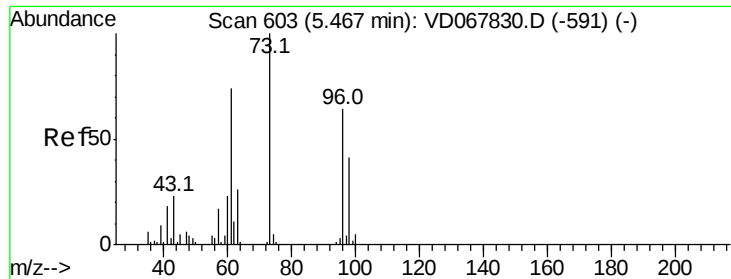


#20

Methylene Chloride
 Concen: 58.500 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 84 Resp: 104337
 Ion Ratio Lower Upper
 84 100
 49 90.0 71.4 107.0
 51 26.9 21.8 32.8
 86 63.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 51.781 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

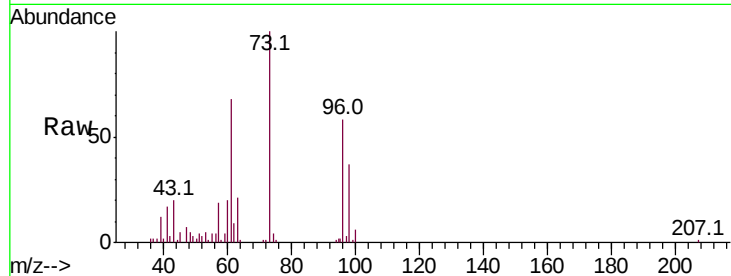
Tot Ion: 96 Resp: 102566

Ion Ratio Lower Upper

96 100

61 116.3 93.1 139.7

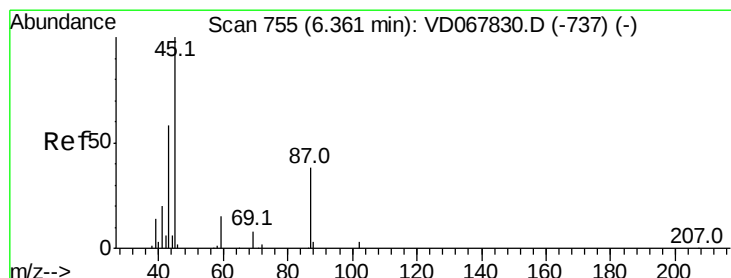
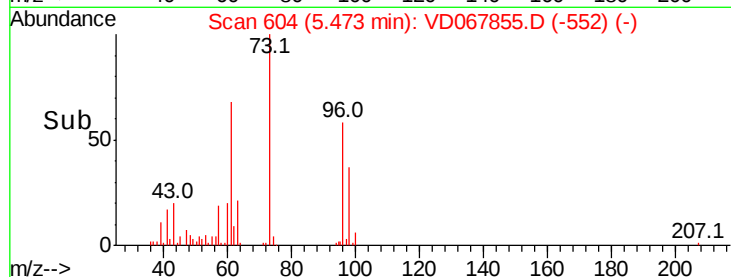
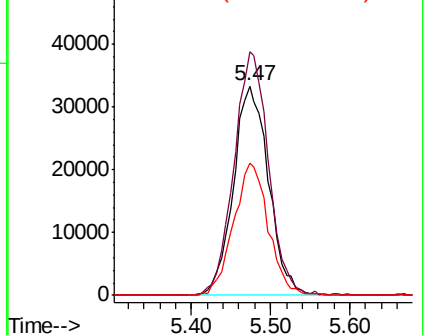
98 63.0 52.2 78.2



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: 52.722 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Tgt Ion: 45 Resp: 170753

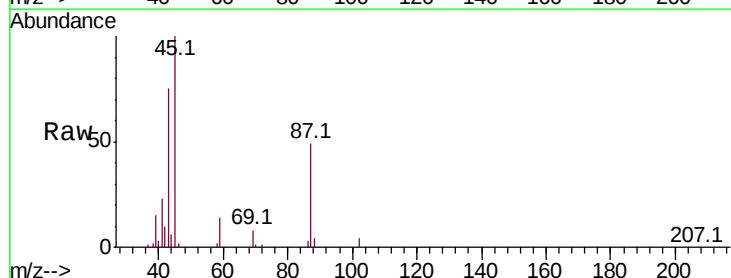
Ion Ratio Lower Upper

45 100

43 73.7 49.8 74.6

87 49.1 32.1 48.1#

59 13.5 11.9 17.9

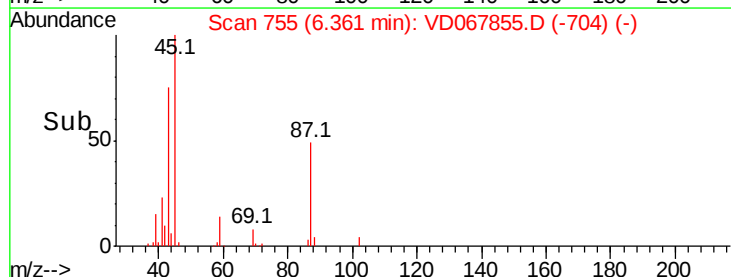
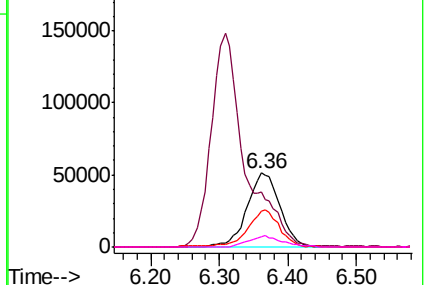


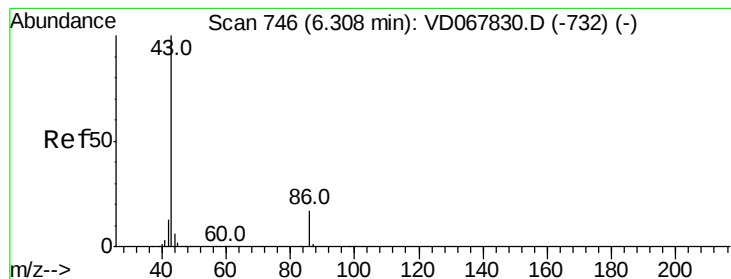
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 281.813 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

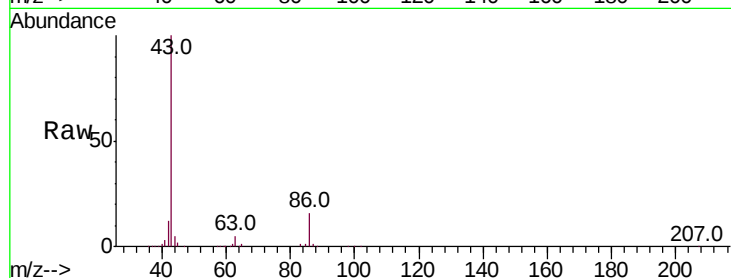
VSTDCCC050EC

Tot Ion: 43 Resp: 507760

Ion Ratio Lower Upper

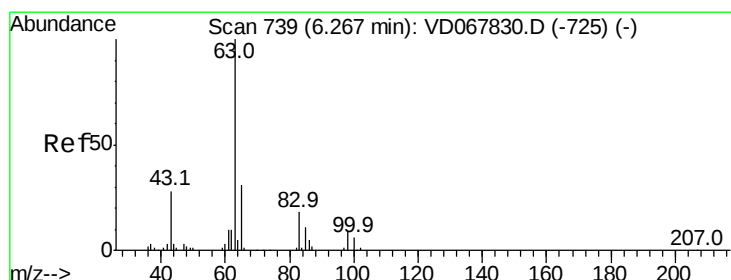
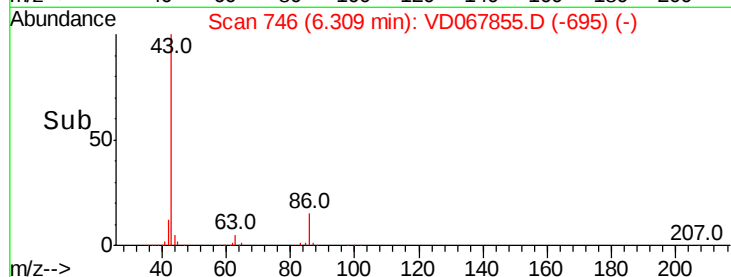
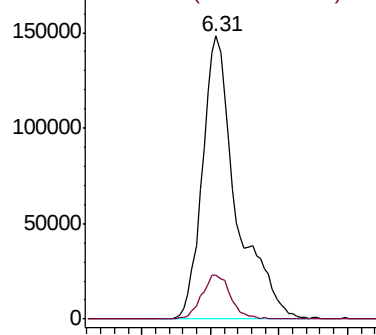
43 100

86 15.5 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.818 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

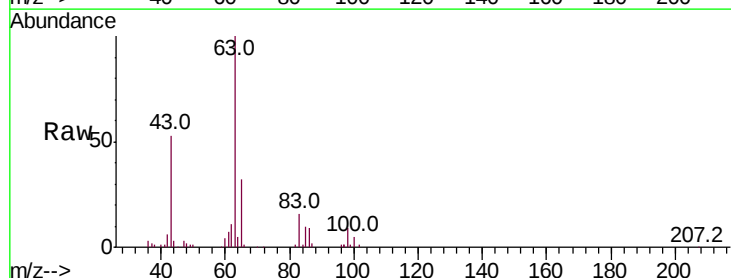
Tgt Ion: 63 Resp: 147115

Ion Ratio Lower Upper

63 100

98 8.8 4.5 13.5

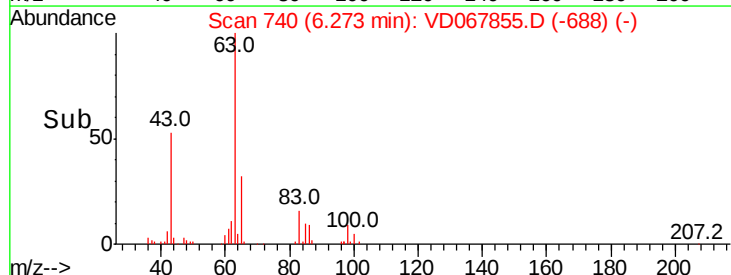
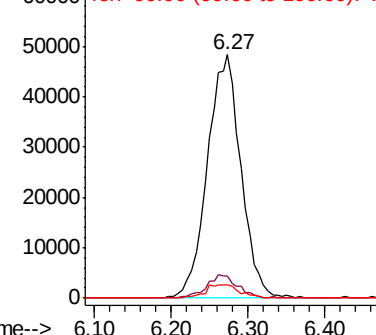
100 5.4 3.0 9.2

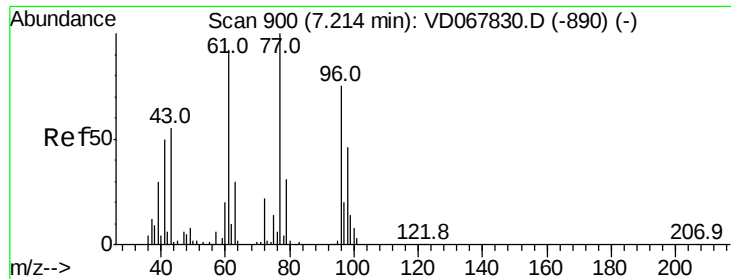


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.385 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

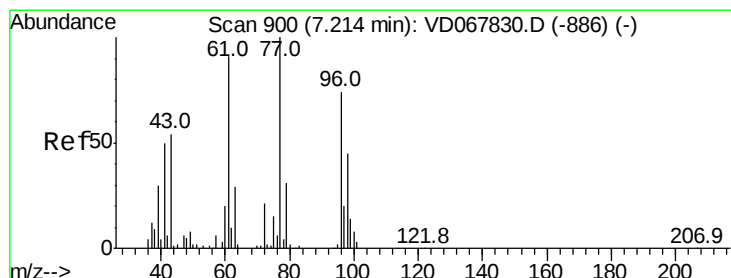
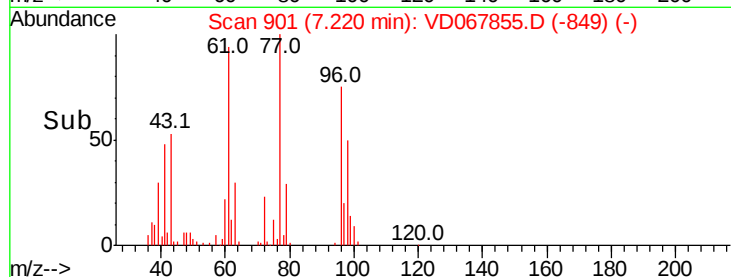
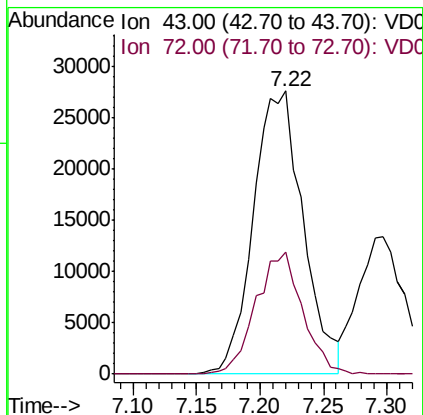
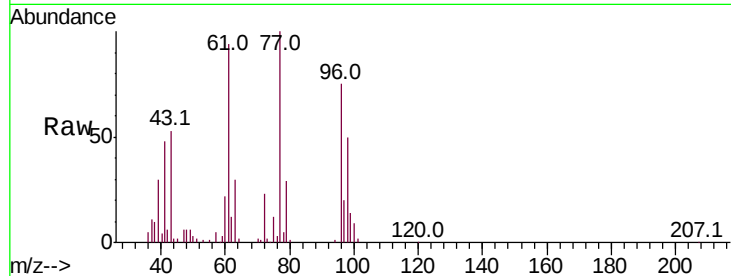
VSTDCCC050EC

Tot Ion: 43 Resp: 75732

Ion Ratio Lower Upper

43 100

72 43.4 31.3 46.9



#26

2,2-Dichloropropane

Concen: 46.746 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067855.D

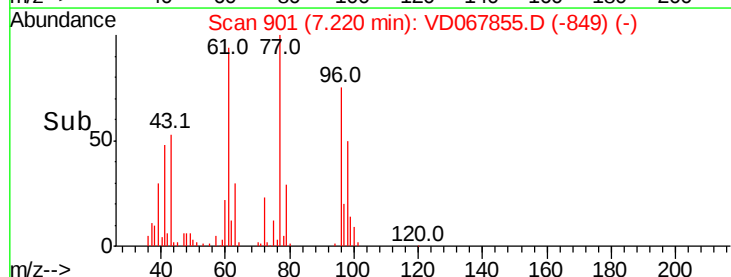
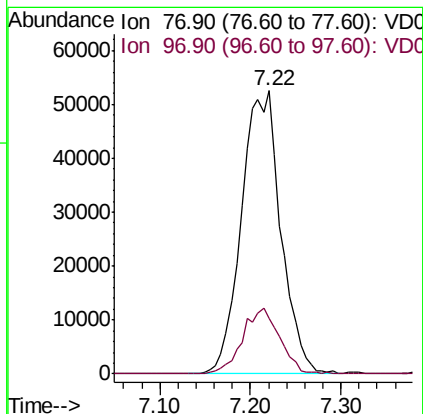
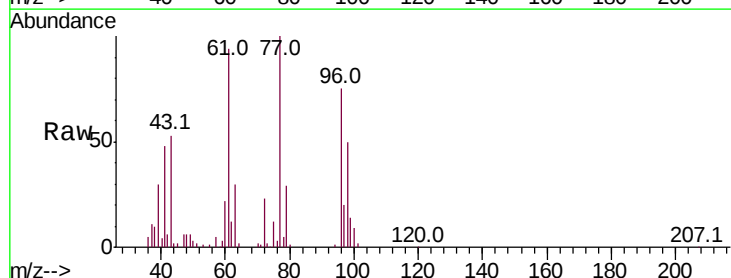
Acq: 03 Dec 2020 00:07

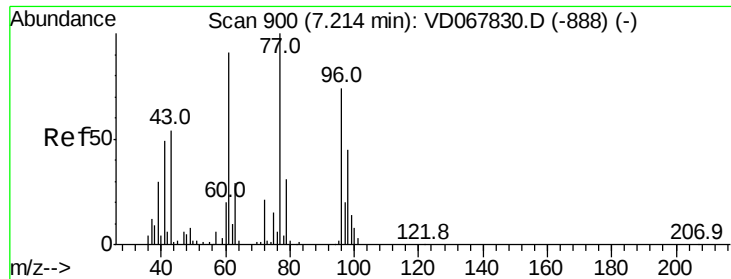
Tgt Ion: 77 Resp: 158259

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1



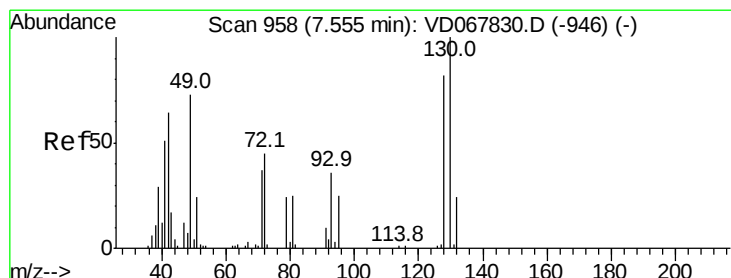
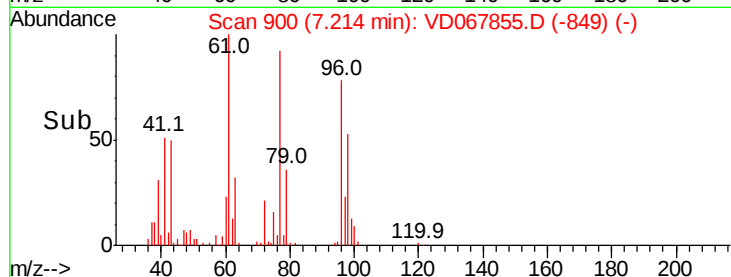
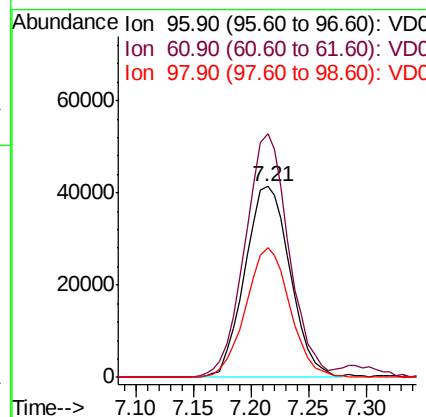
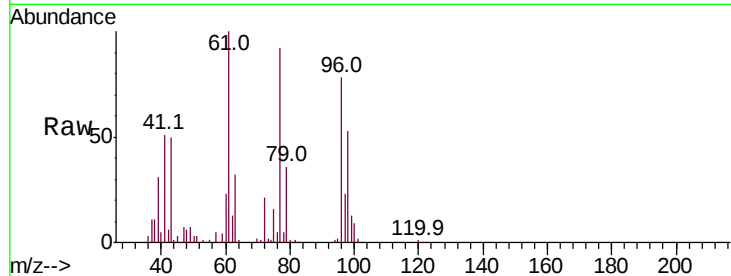


#27

cis-1,2-Dichloroethene
 Concen: 52.317 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

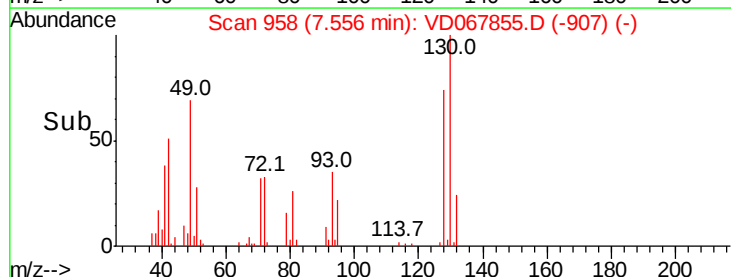
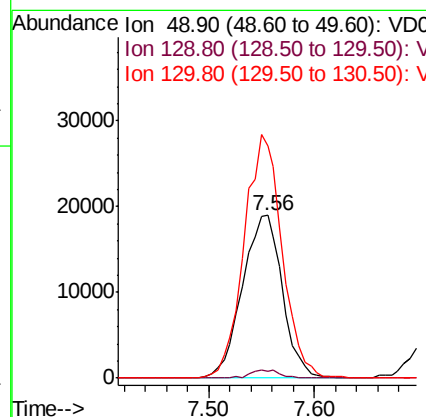
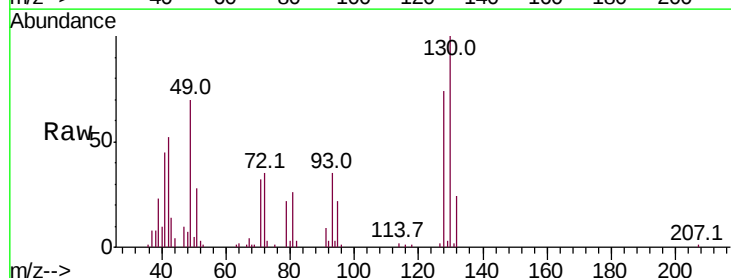
Tot Ion: 96 Resp: 113345
 Ion Ratio Lower Upper
 96 100
 61 123.8 0.0 248.4
 98 66.2 0.0 127.4

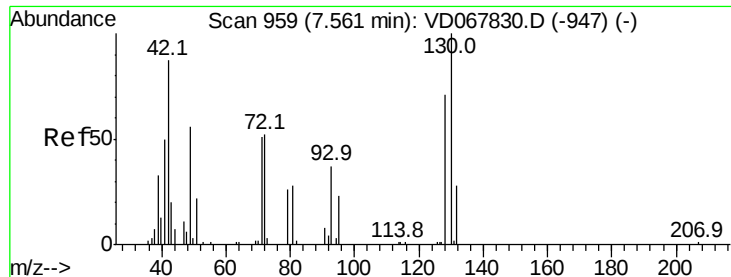


#28

Bromochloromethane
 Concen: 55.214 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 49 Resp: 49770
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 3.4#
 130 142.0 110.2 165.2





#29

Tetrahydrofuran

Concen: 257.314 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

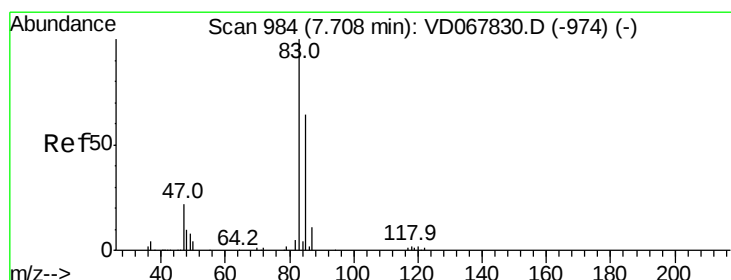
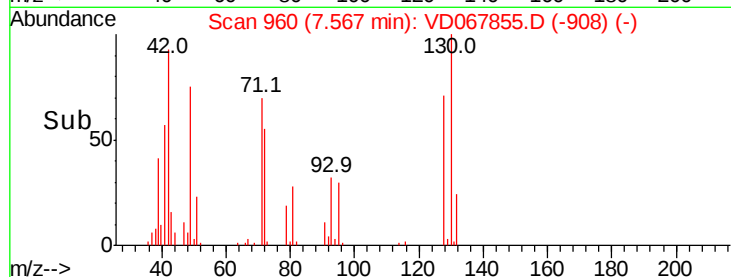
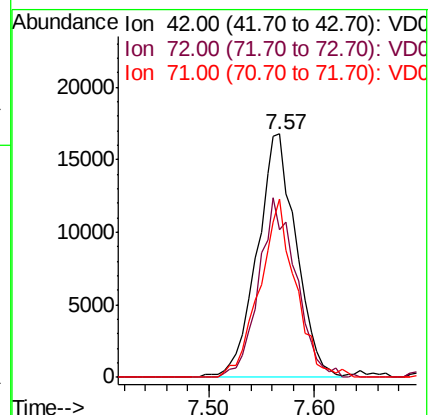
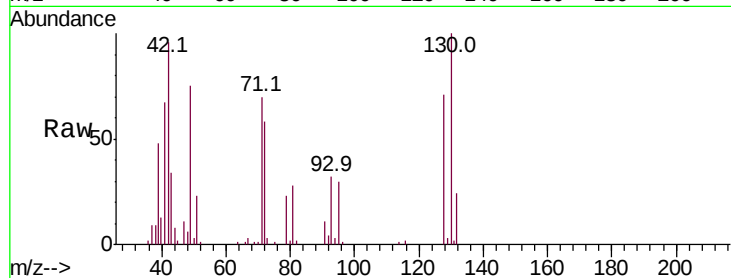
Tot Ion: 42 Resp: 42942

Ion Ratio Lower Upper

42 100

72 70.6 51.9 77.9

71 67.4 48.2 72.4



#30

Chloroform

Concen: 52.253 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD067855.D

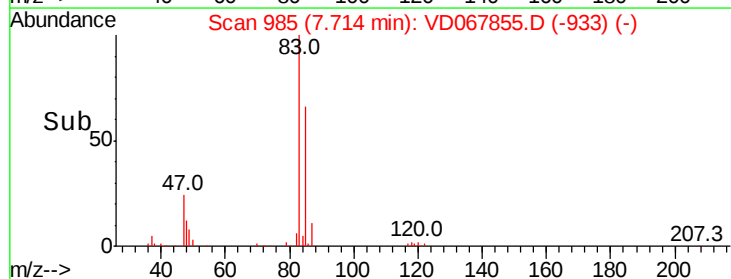
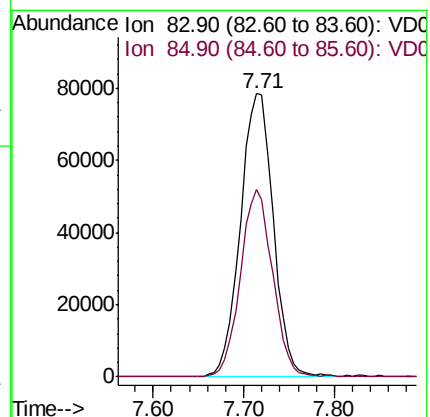
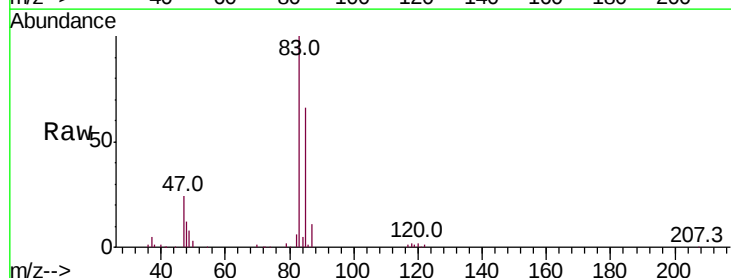
Acq: 03 Dec 2020 00:07

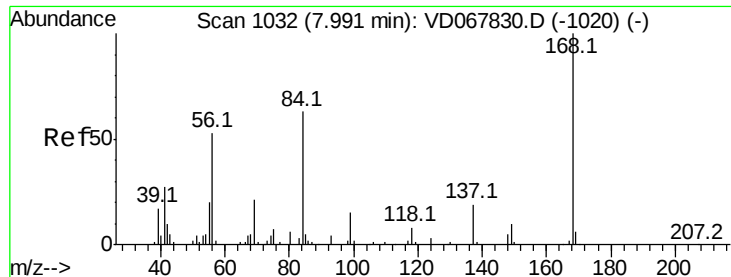
Tgt Ion: 83 Resp: 198254

Ion Ratio Lower Upper

83 100

85 66.3 51.0 76.4

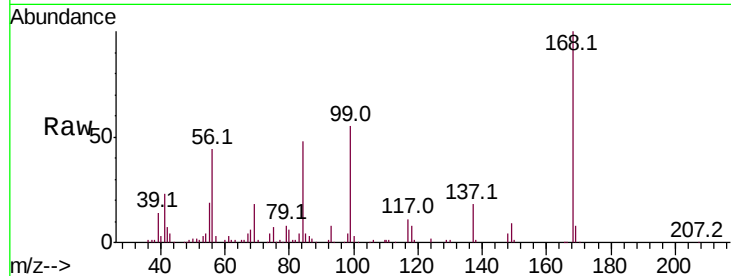




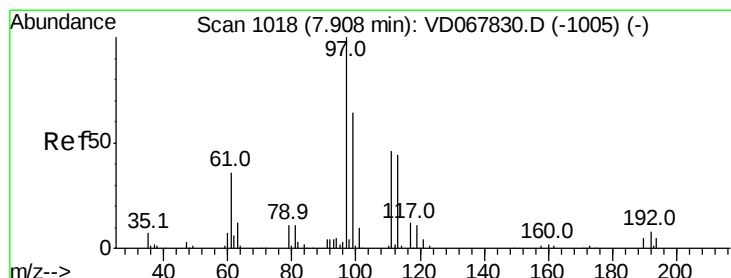
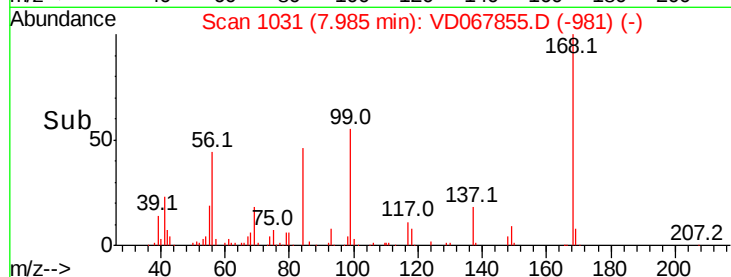
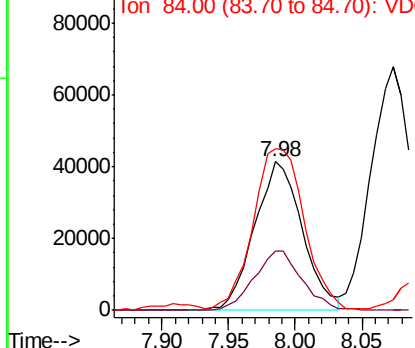
#31
Cyclohexane
Concen: 43.329 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 102944
Ion Ratio Lower Upper
56 100
69 40.4 32.1 48.1
84 105.6 93.2 139.8

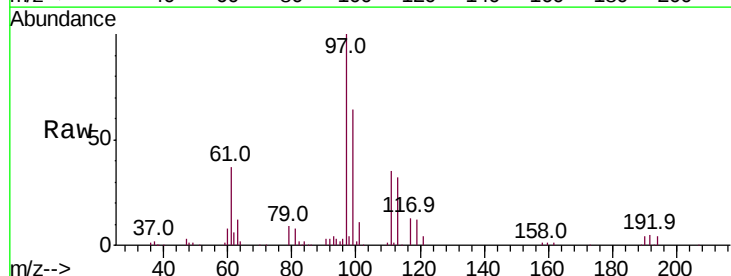


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

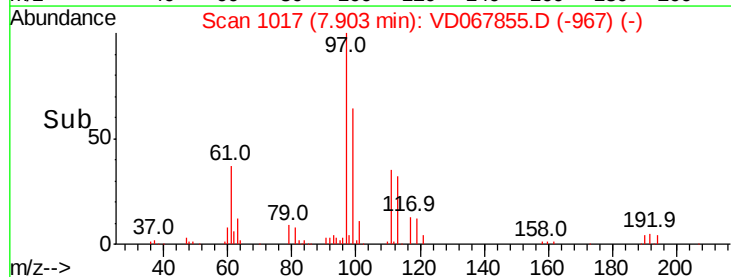
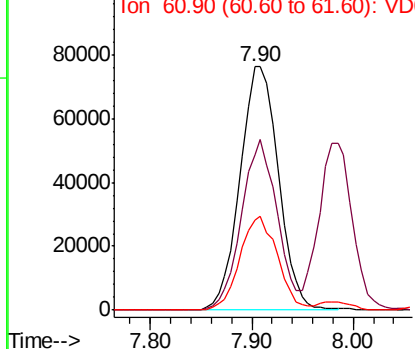


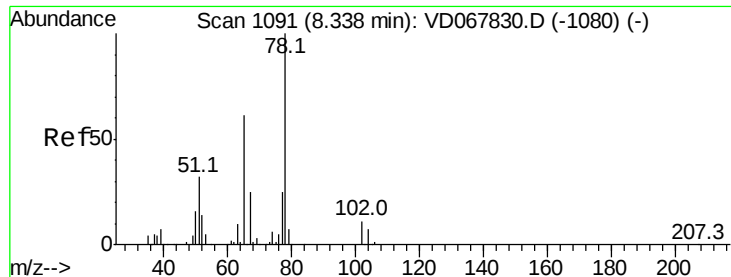
#32
1,1,1-Trichloroethane
Concen: 50.242 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 97 Resp: 201225
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.2
61 37.4 30.8 46.2



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





#33

1,2-Dichloroethane-d4

Concen: 51.849 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

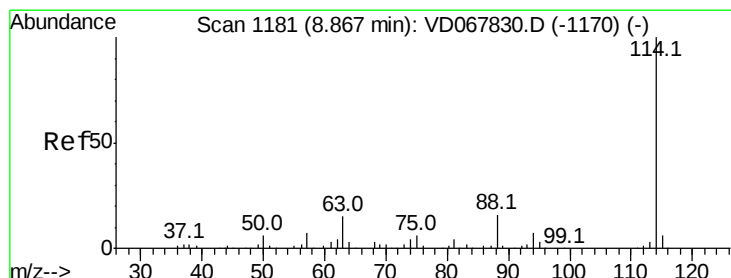
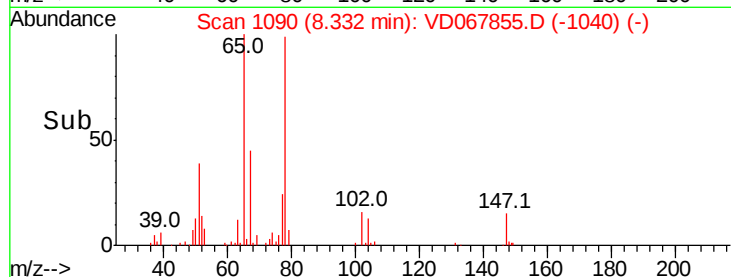
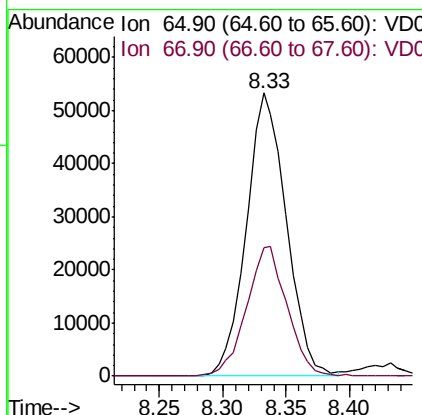
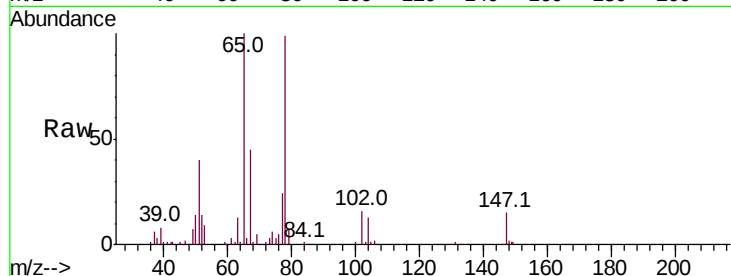
Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 116924

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	92.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

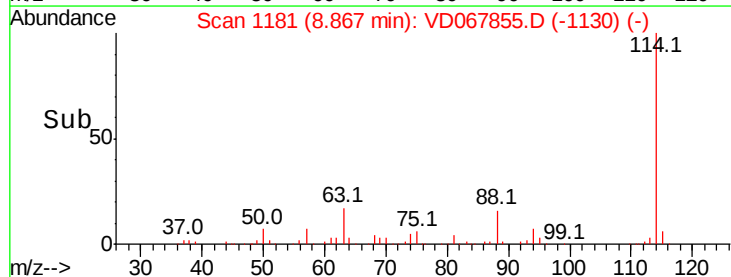
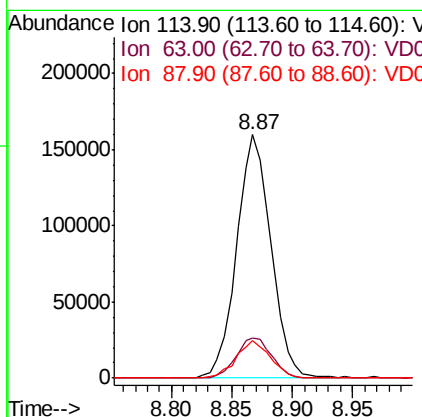
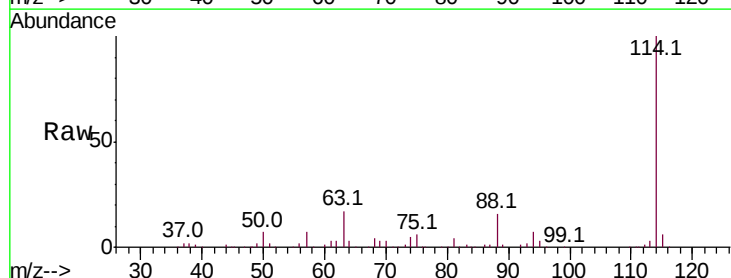
Delta R.T. 0.00 min

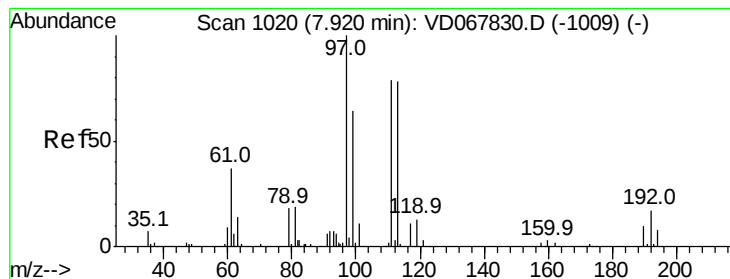
Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Tgt Ion: 114 Resp: 317144

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	30.8
88	15.6	0.0	31.8





#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

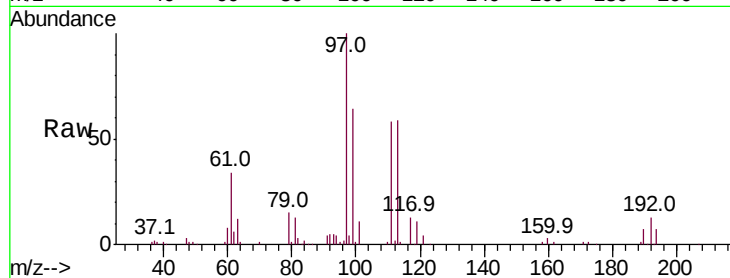
Tot Ion:113 Resp: 105700

Ion Ratio Lower Upper

113 100

111 98.3 81.2 121.8

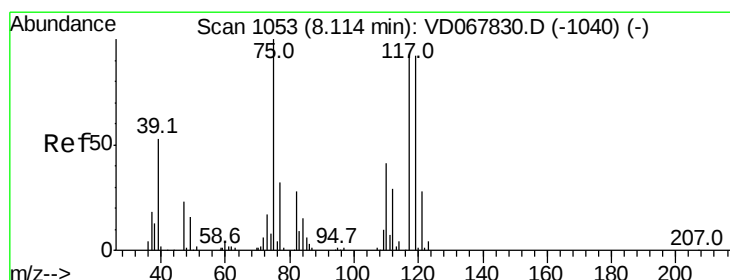
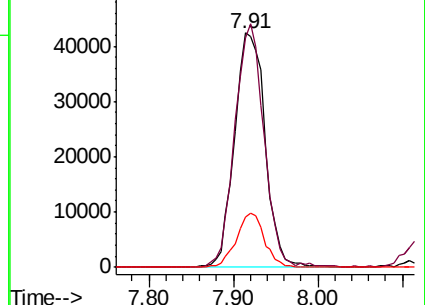
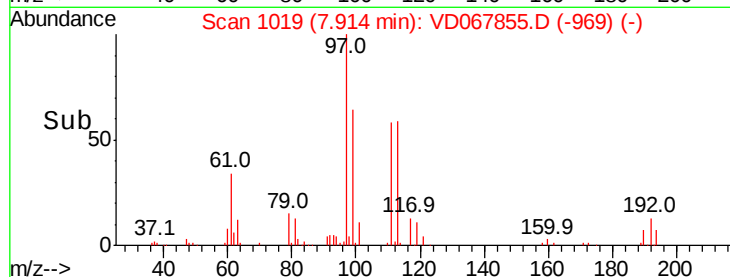
192 21.0 16.8 25.2



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: 46.516 ug/l

RT: 8.12 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

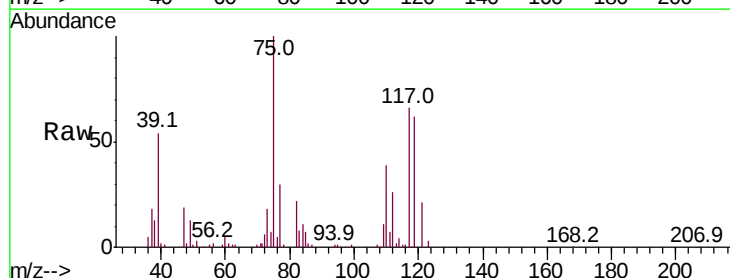
Tgt Ion: 75 Resp: 127710

Ion Ratio Lower Upper

75 100

110 39.4 20.3 61.0

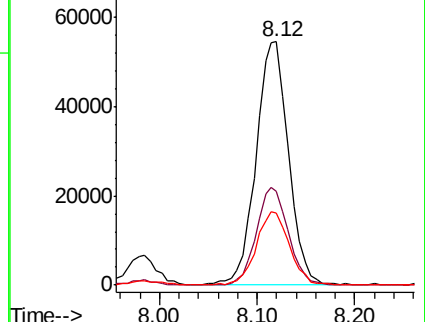
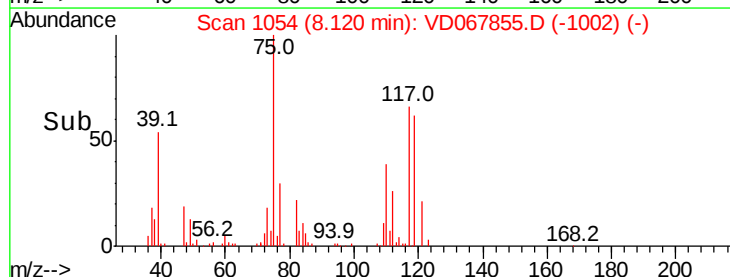
77 30.6 24.7 37.1

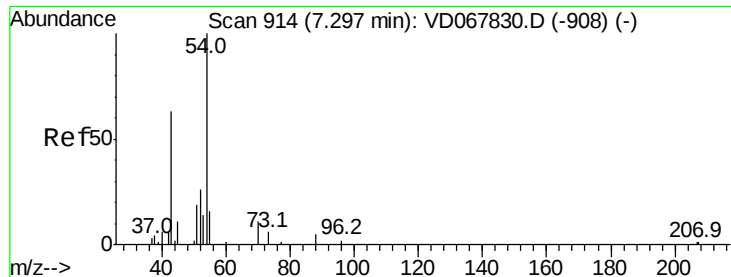


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

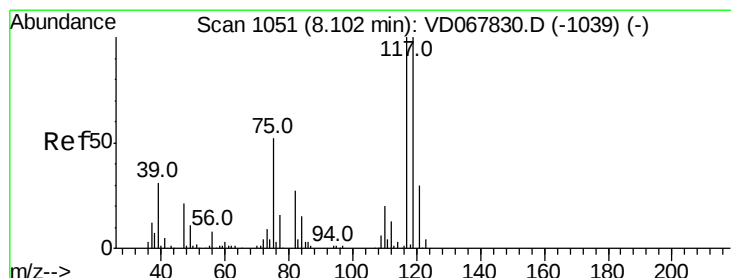
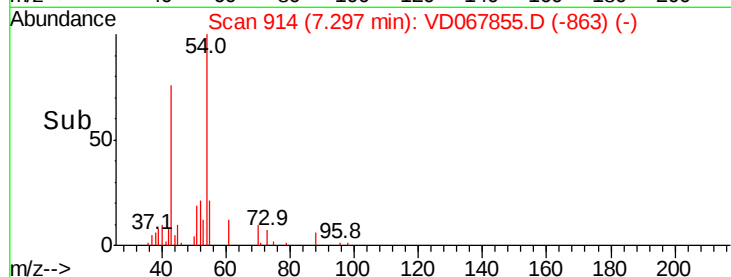
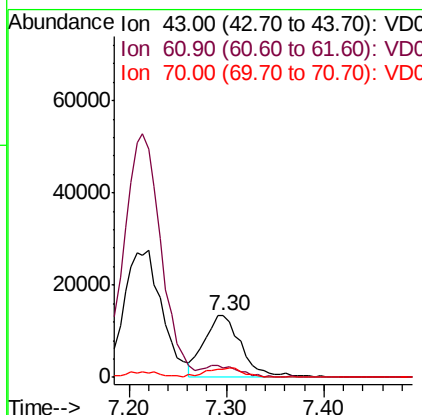
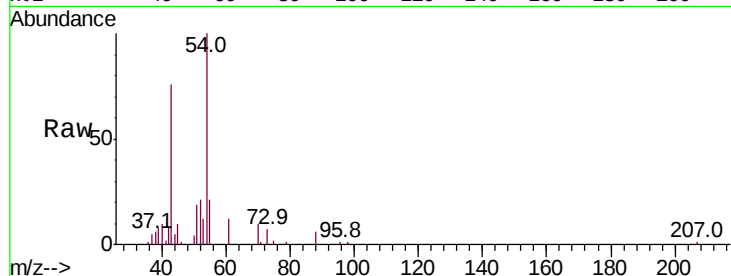




#37
Ethyl Acetate
Concen: 48.391 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

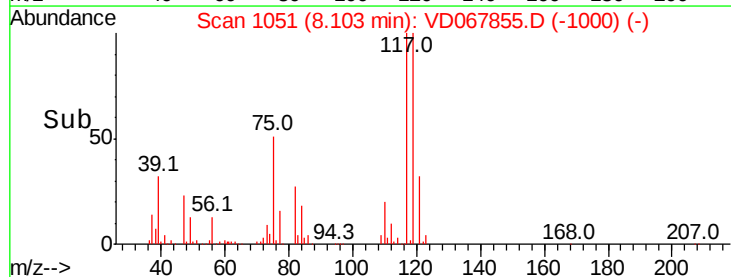
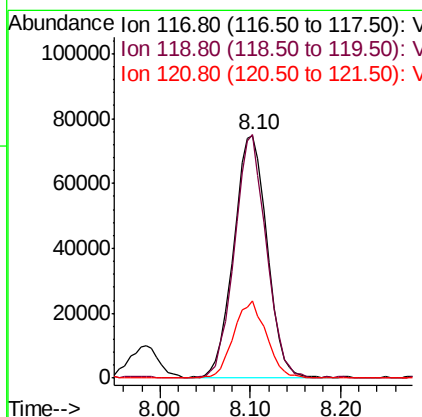
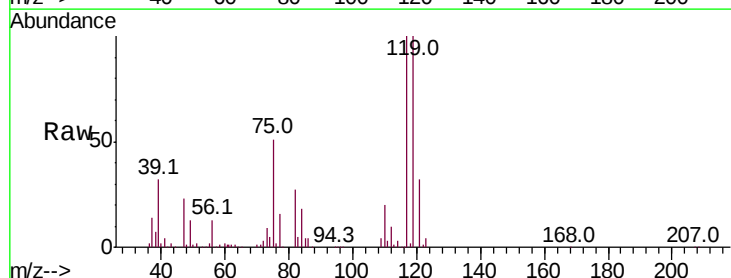
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

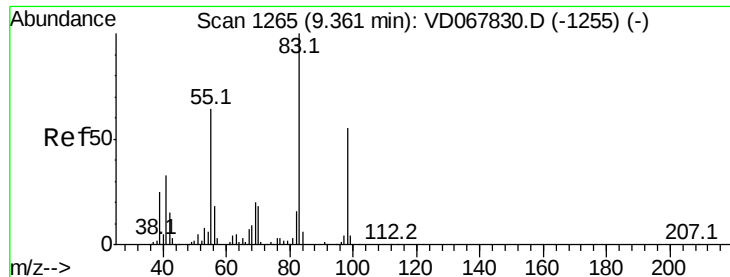
Tot Ion: 43 Resp: 35807
Ion Ratio Lower Upper
43 100
61 17.1 11.4 17.2
70 14.9 11.5 17.3



#38
Carbon Tetrachloride
Concen: 45.920 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 117 Resp: 190751
Ion Ratio Lower Upper
117 100
119 100.5 79.7 119.5
121 31.8 23.8 35.6

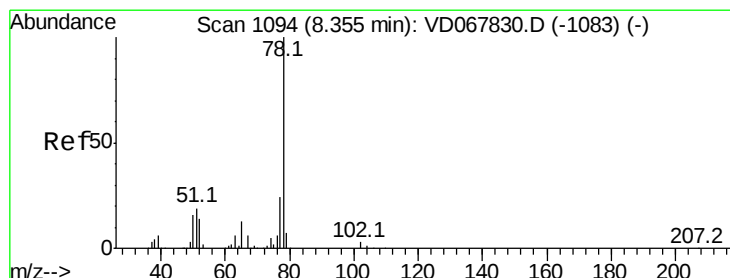
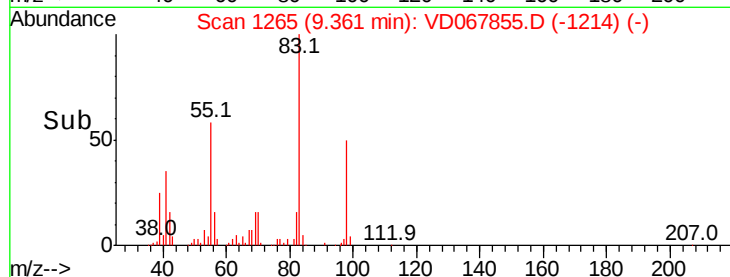
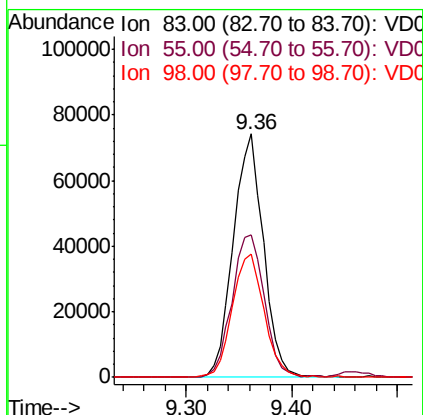
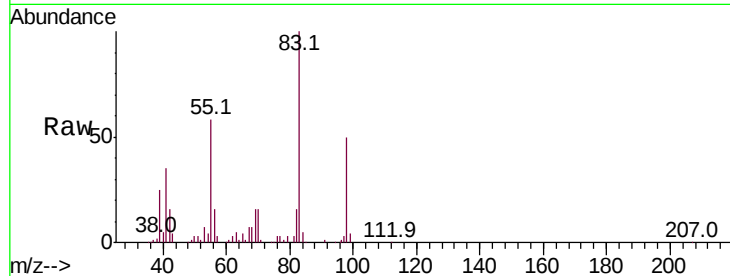




#39
Methvlcvclohexane
Concen: 45.151 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

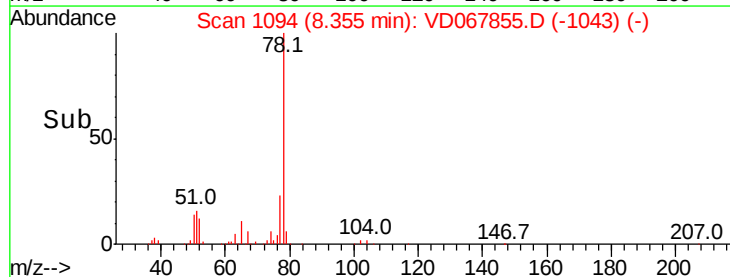
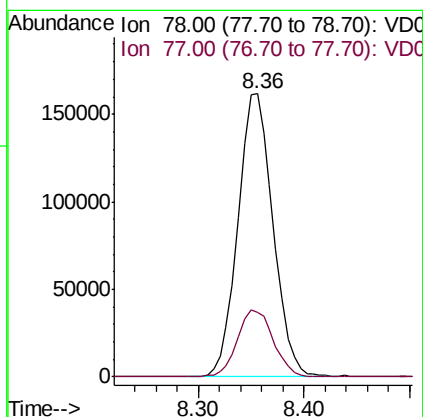
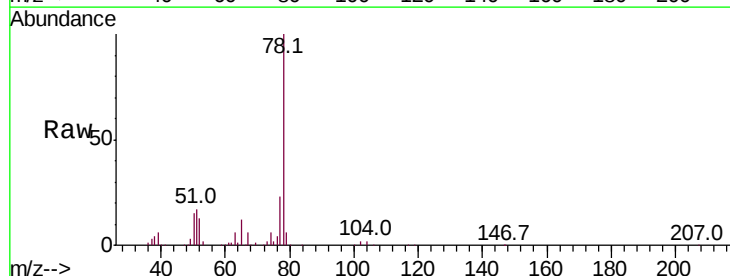
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

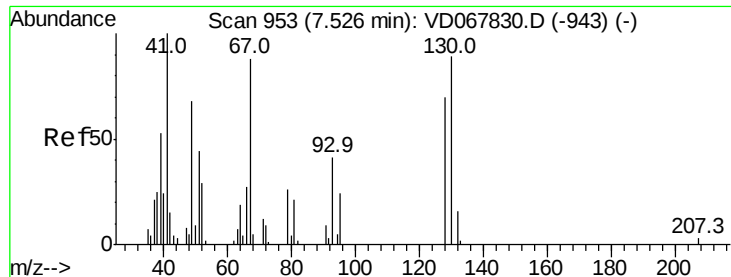
Tot Ion	83	Resp	146901
Ion Ratio	100		
Lower	51.6		
Upper	77.4		
83	58.4	50.4	66.5



#40
Benzene
Concen: 49.684 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion	78	Resp	373251
Ion Ratio	100		
Lower	19.1		
Upper	28.7		
78	22.7	50.4	66.5

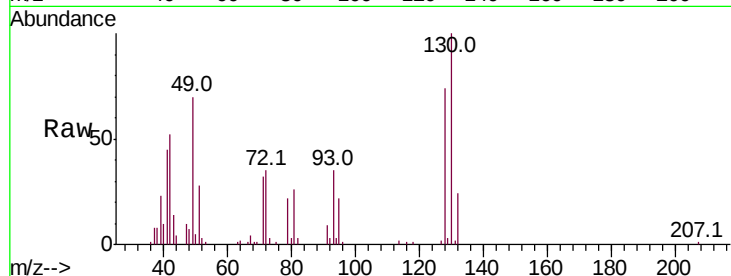




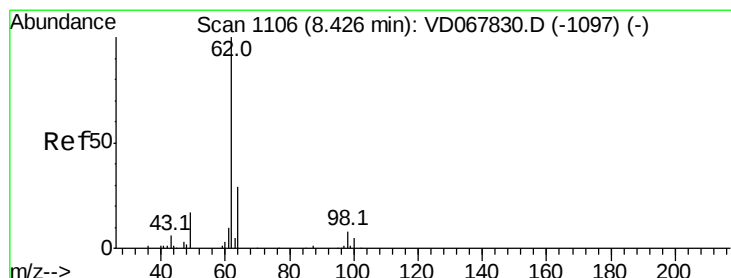
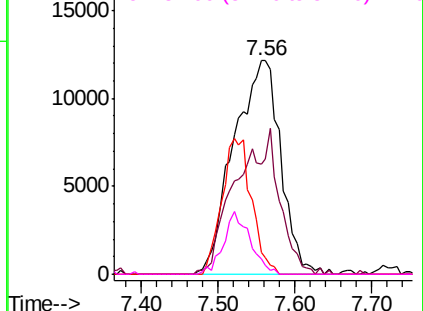
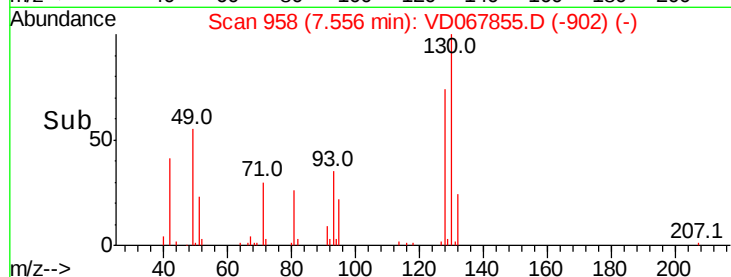
#41
Methacrylonitrile
Concen: 156.578 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 51667
Ion Ratio Lower Upper
41 100
39 39.6 42.1 63.1#
67 0.0 82.4 123.6#
52 0.0 30.6 45.8#

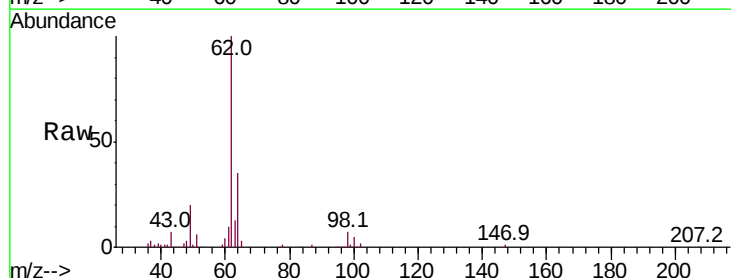


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

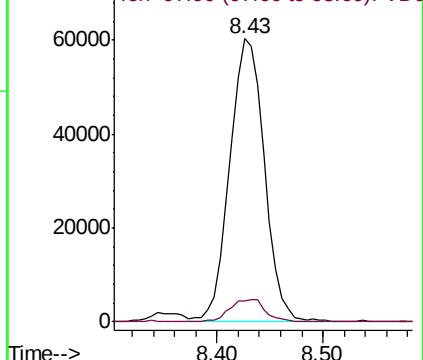
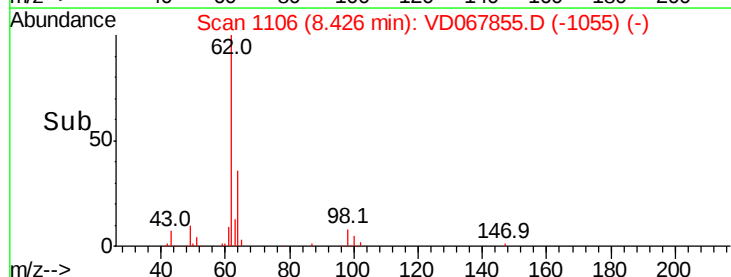


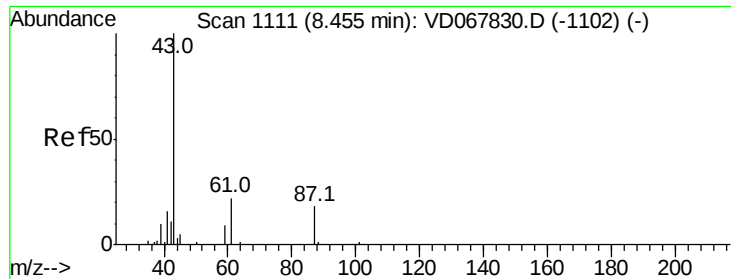
#42
1,2-Dichloroethane
Concen: 51.283 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 62 Resp: 137308
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.2



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

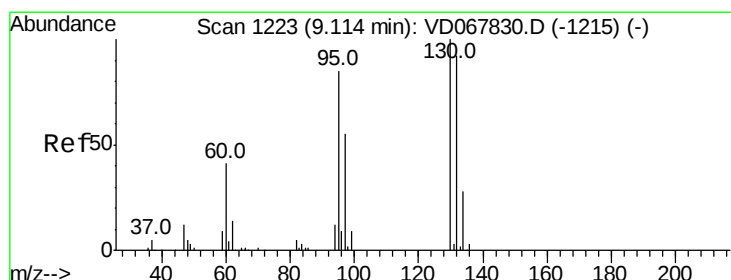
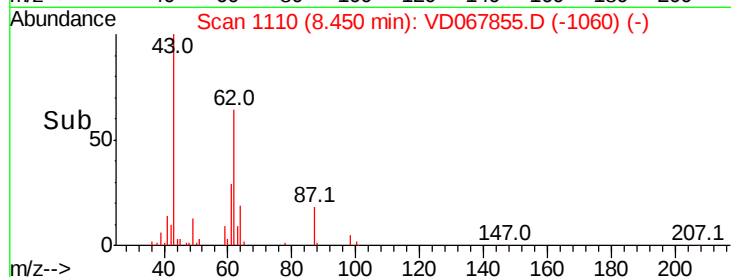
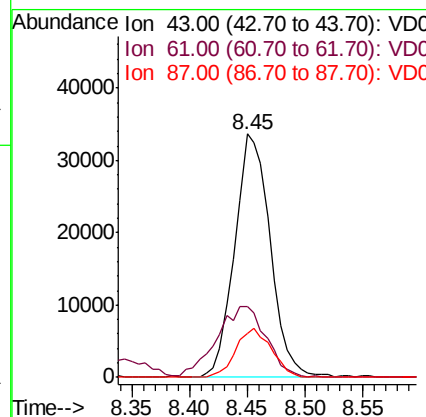
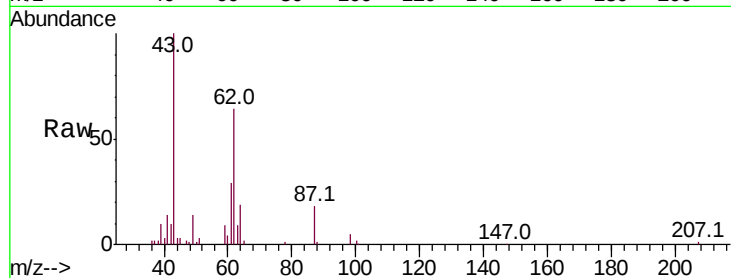




#43
Isopropyl Acetate
Concen: 49.499 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

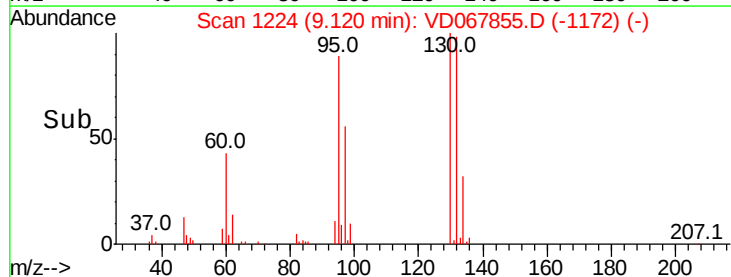
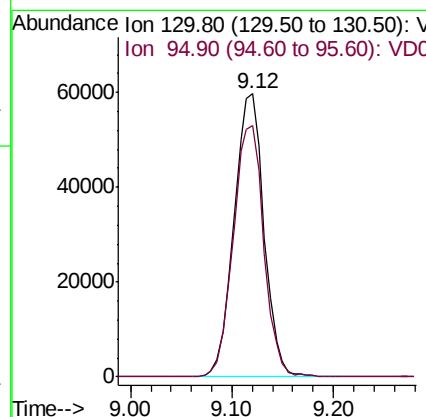
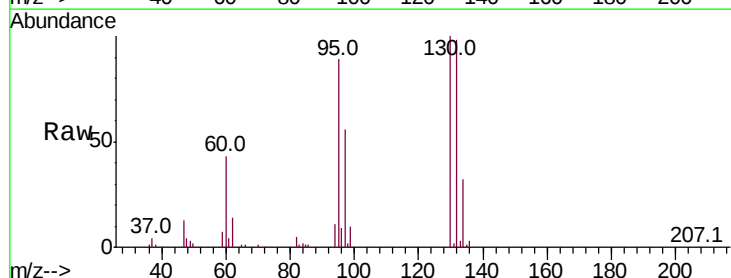
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

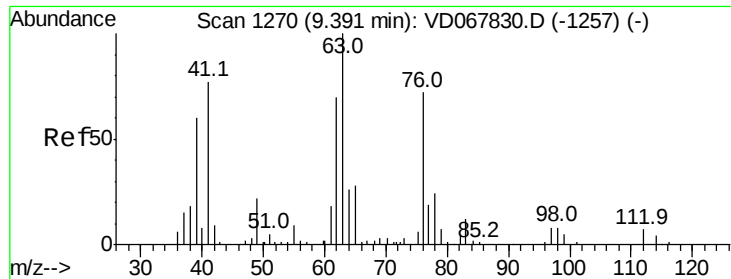
Tot Ion: 43 Resp: 72067
Ion Ratio Lower Upper
43 100
61 40.5 30.4 45.6
87 19.9 16.2 24.2



#44
Trichloroethene
Concen: 47.477 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion:130 Resp: 122627
Ion Ratio Lower Upper
130 100
95 88.7 0.0 170.2





#45

1,2-Dichloropropane

Concen: 47.859 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

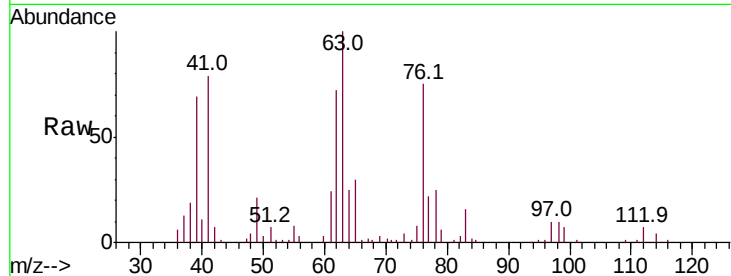
VSTDCCC050EC

Tot Ion: 63 Resp: 73793

Ion Ratio Lower Upper

63 100

65 30.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

30000

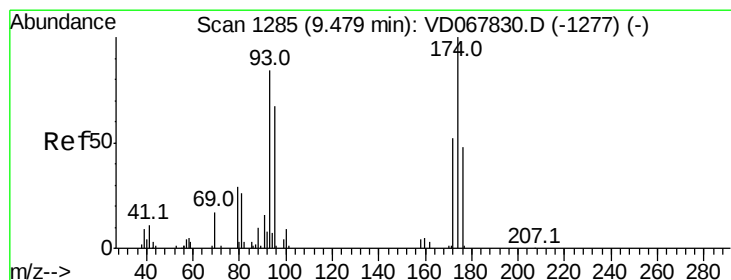
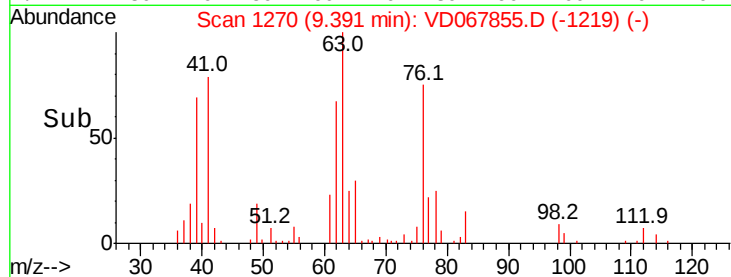
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#46

Dibromomethane

Concen: 50.880 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

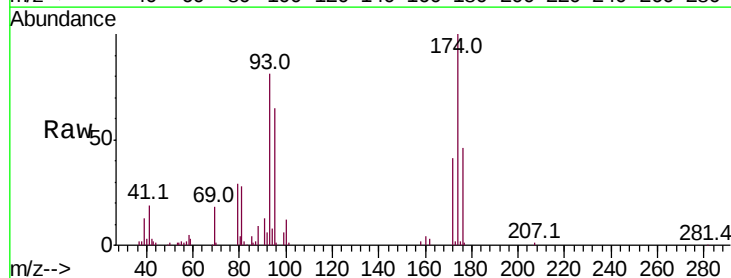
Tgt Ion: 93 Resp: 54545

Ion Ratio Lower Upper

93 100

95 79.3 64.2 96.4

174 115.9 91.5 137.3



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

40000

30000

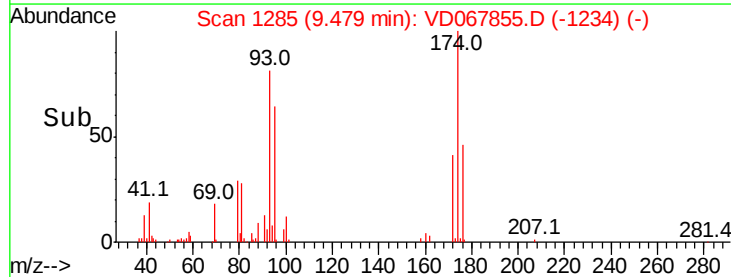
20000

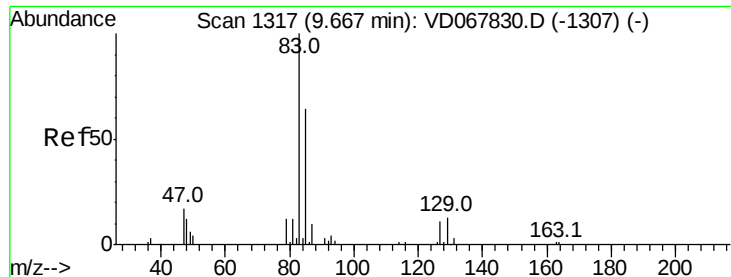
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 50.949 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

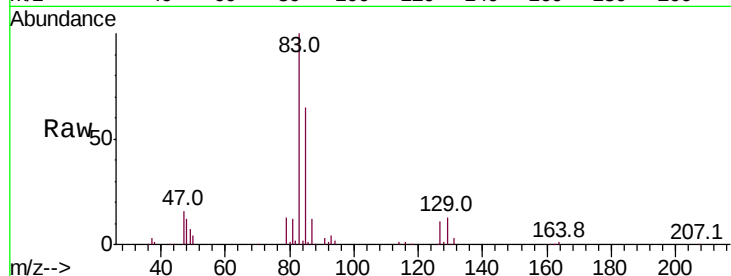
Tot Ion: 83 Resp: 155710

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

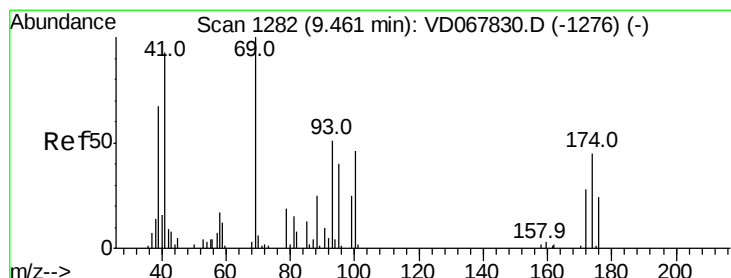
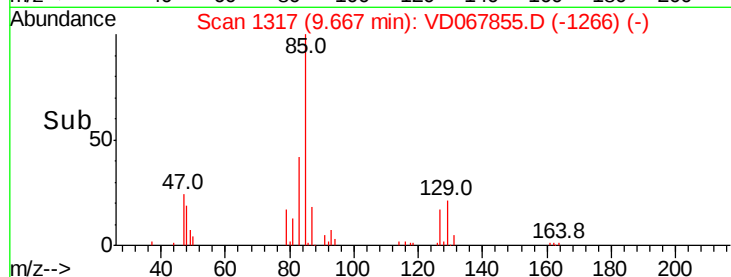
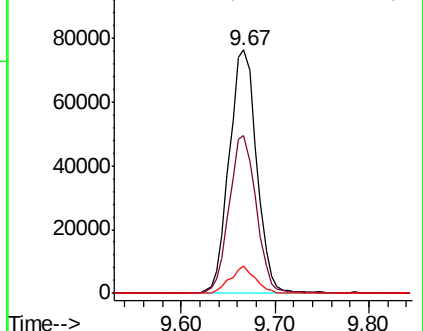
127 11.0 8.5 12.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.576 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

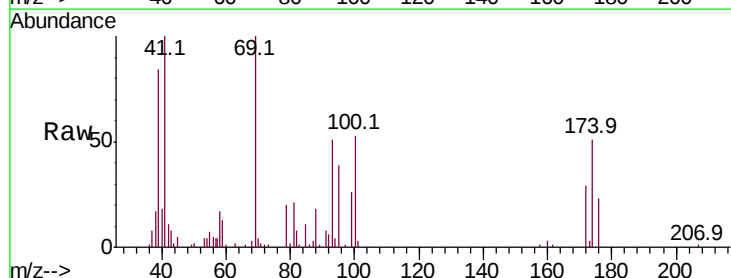
Tgt Ion: 41 Resp: 36652

Ion Ratio Lower Upper

41 100

69 105.1 87.6 131.4

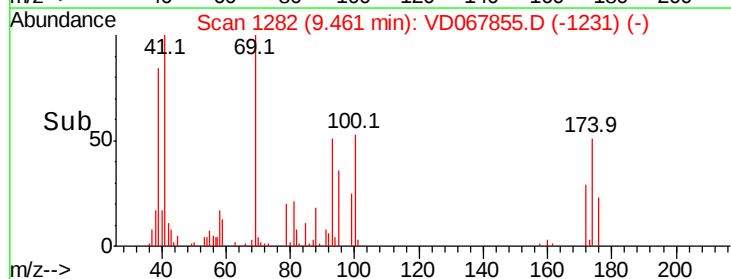
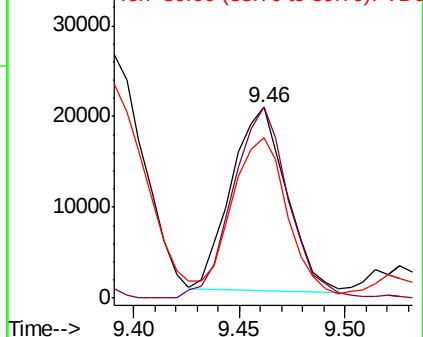
39 88.4 61.2 91.8

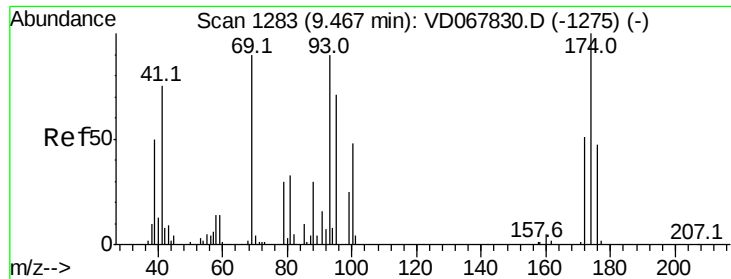


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 911.781 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

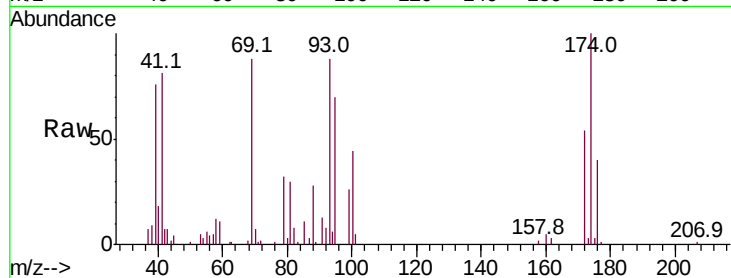
Tot Ion: 88 Resp: 11169

Ion Ratio Lower Upper

88 100

43 30.6 30.1 45.1

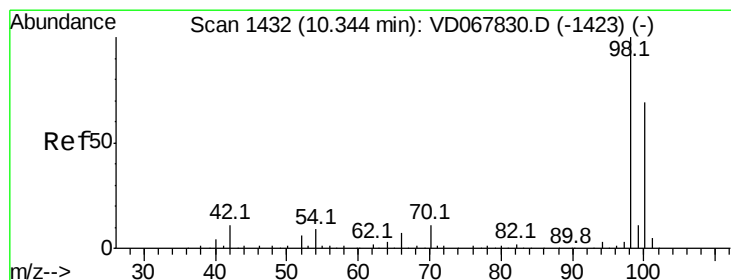
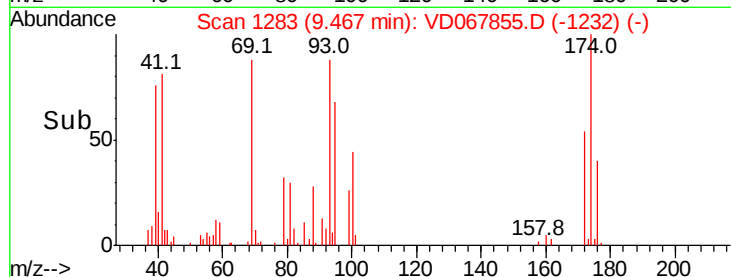
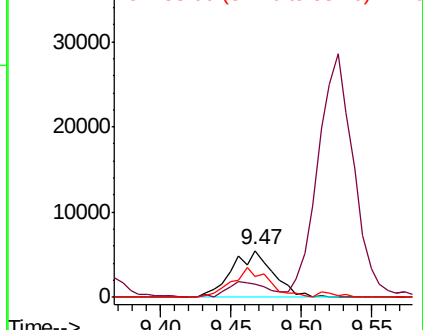
58 56.5 42.4 63.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 48.977 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067855.D

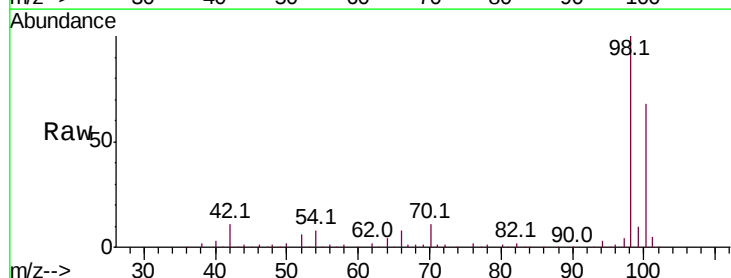
Acq: 03 Dec 2020 00:07

Tgt Ion: 98 Resp: 374154

Ion Ratio Lower Upper

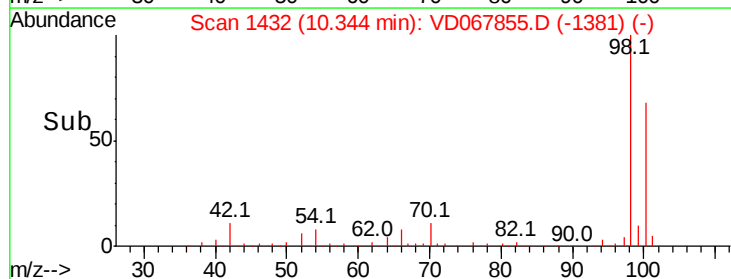
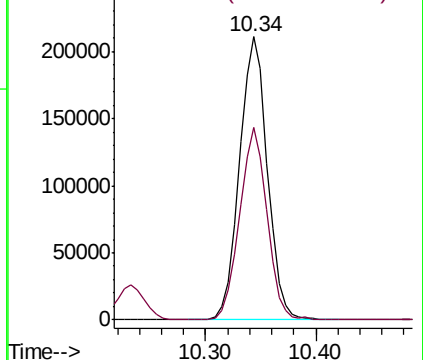
98 100

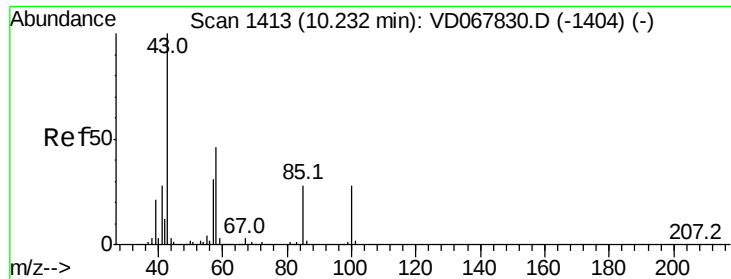
100 67.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

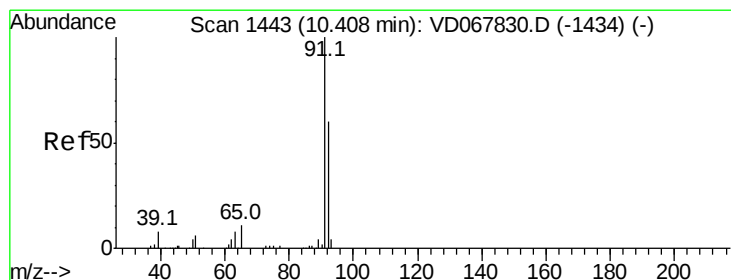
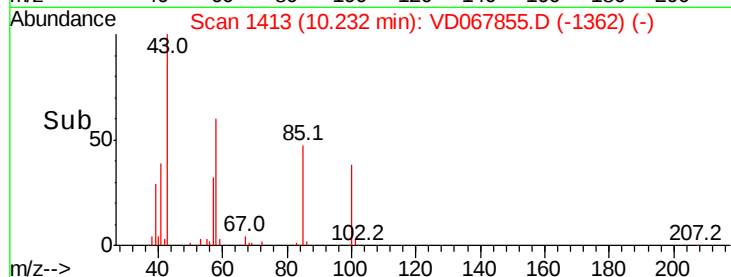
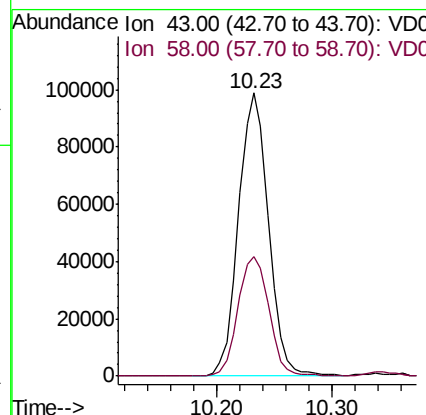
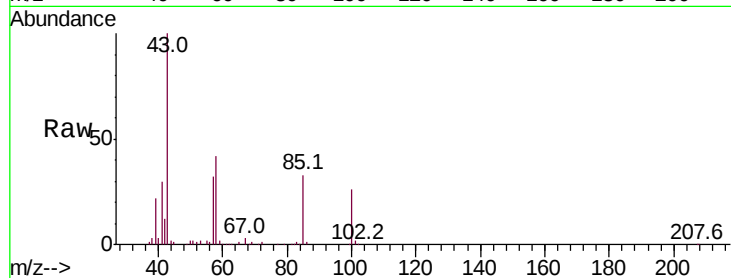




#51
4-Methyl-2-Pentanone
Concen: 258.098 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

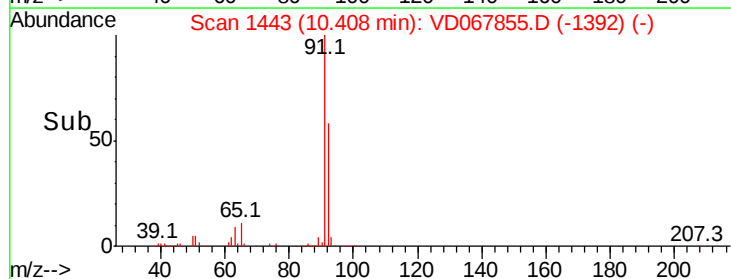
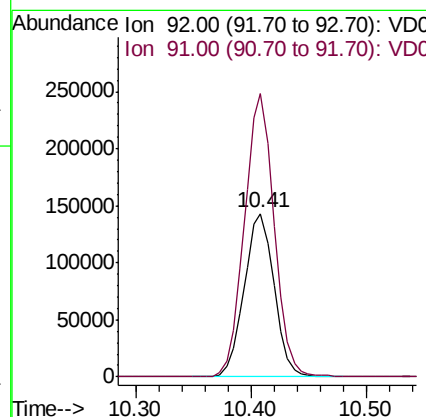
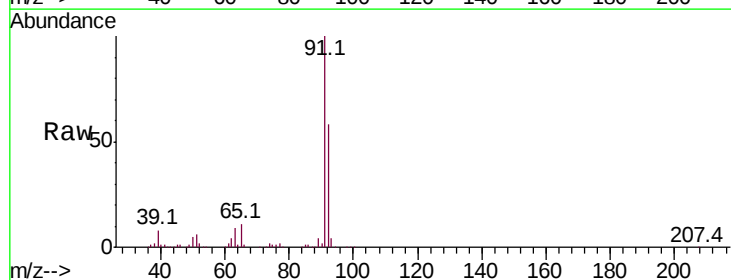
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

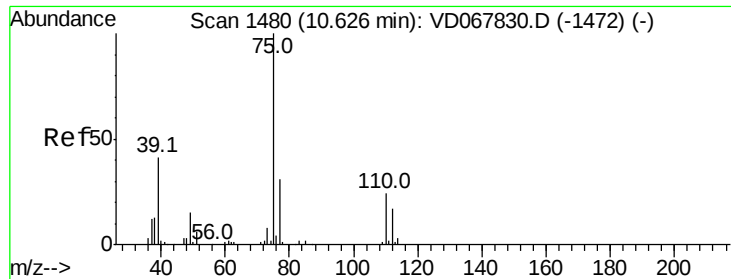
Tot Ion: 43 Resp: 177850
Ion Ratio Lower Upper
43 100
58 43.6 35.7 53.5



#52
Toluene
Concen: 49.267 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 92 Resp: 258769
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2

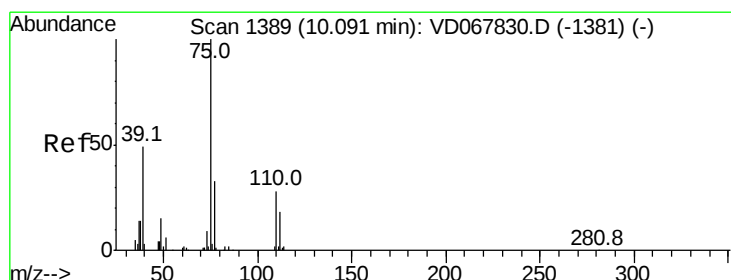
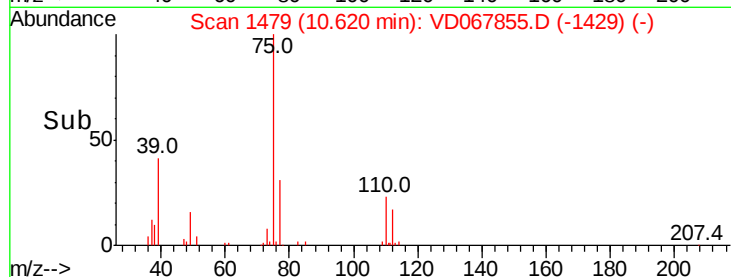
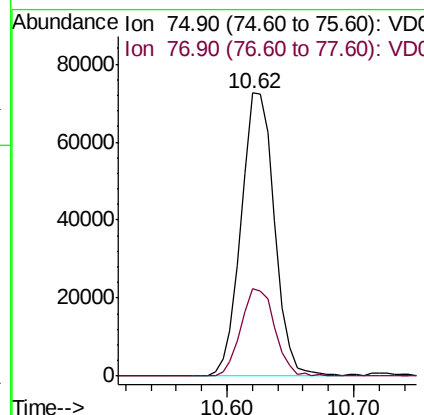
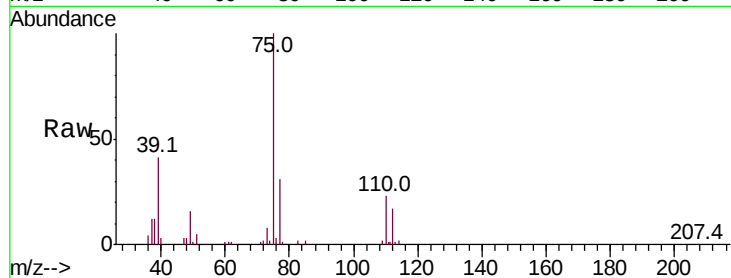




#53
t-1,3-Dichloropropene
Concen: 50.461 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

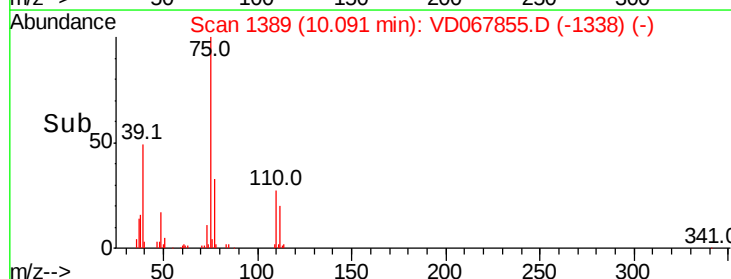
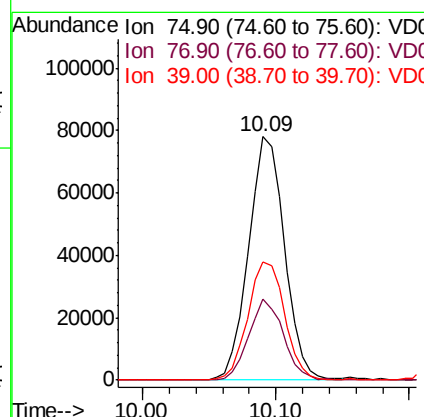
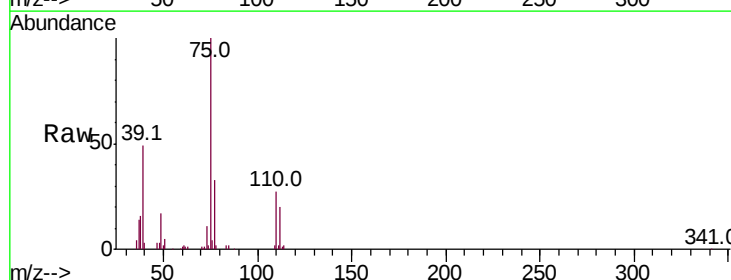
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

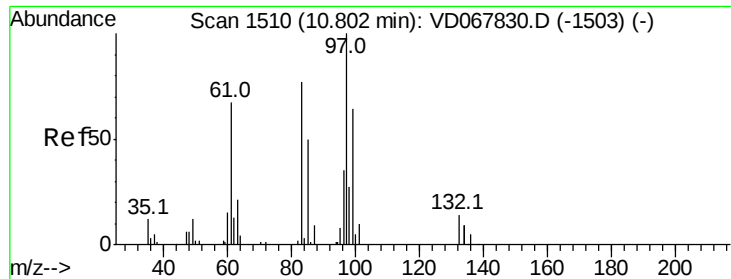
Tot Ion: 75 Resp: 133110
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.543 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 75 Resp: 145023
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
39 48.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 48.568 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 71254

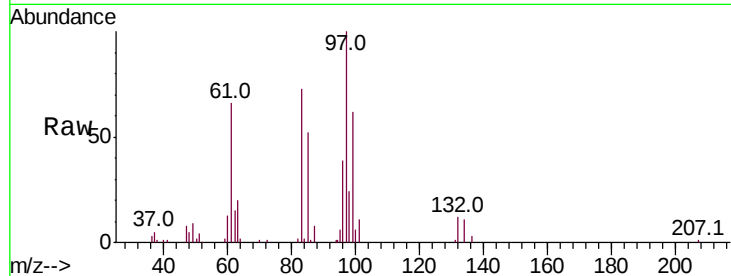
Ion	Ratio	Lower	Upper
97	100		
83	73.0	61.9	92.9
85	51.8	40.2	60.4
99	61.6	51.0	76.6

97 100

83 73.0 61.9 92.9

85 51.8 40.2 60.4

99 61.6 51.0 76.6

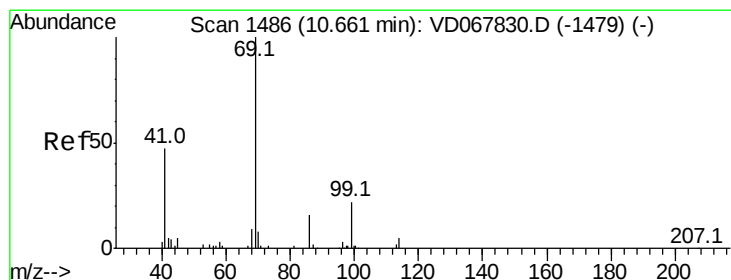
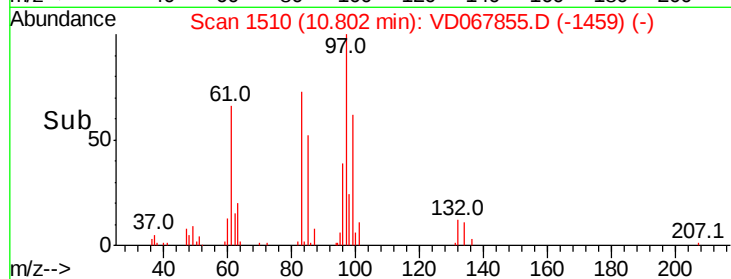
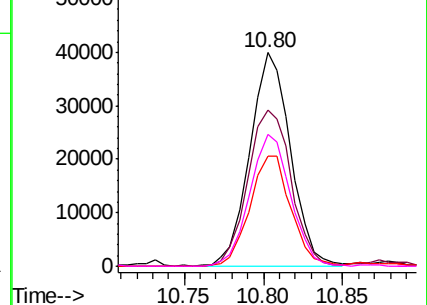


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 49.918 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

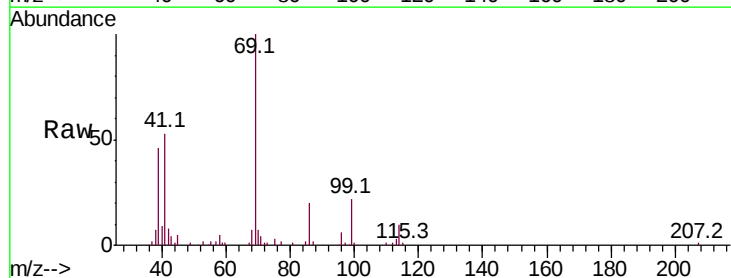
Tgt Ion: 69 Resp: 74512

Ion	Ratio	Lower	Upper
69	100		
41	55.9	42.8	64.2
39	41.0	30.5	45.7

69 100

41 55.9 42.8 64.2

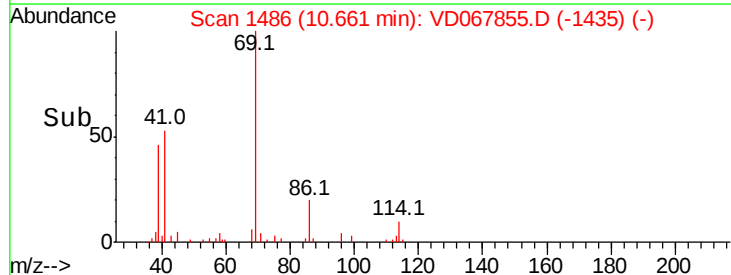
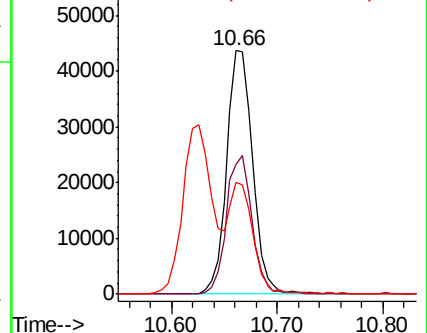
39 41.0 30.5 45.7

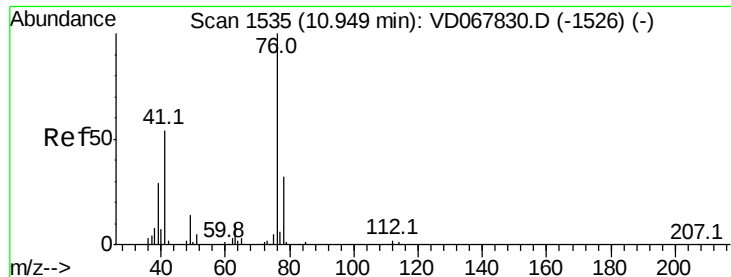


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.263 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

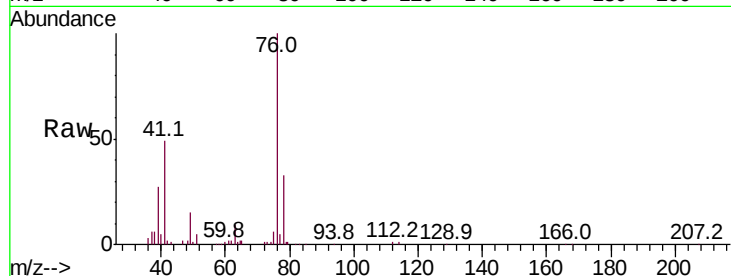
VSTDCCC050EC

Tot Ion: 76 Resp: 114484

Ion Ratio Lower Upper

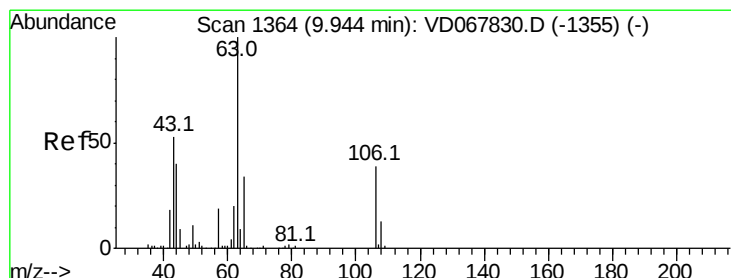
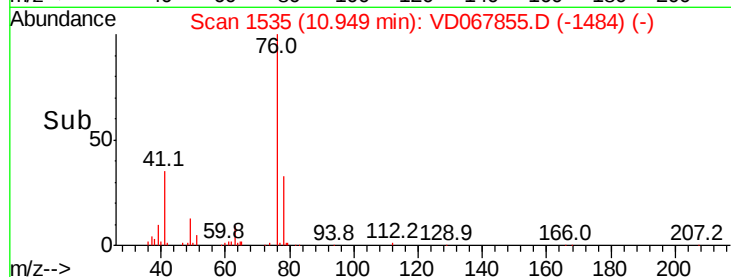
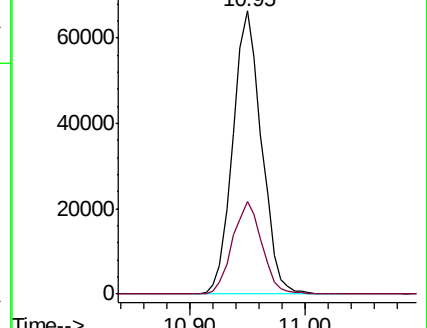
76 100

78 33.4 26.6 39.8



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: 272.070 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067855.D

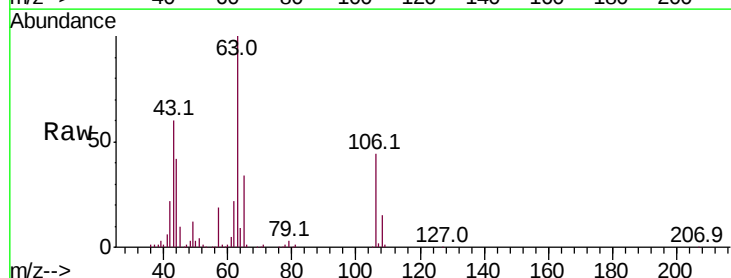
Acq: 03 Dec 2020 00:07

Tgt Ion: 63 Resp: 184797

Ion Ratio Lower Upper

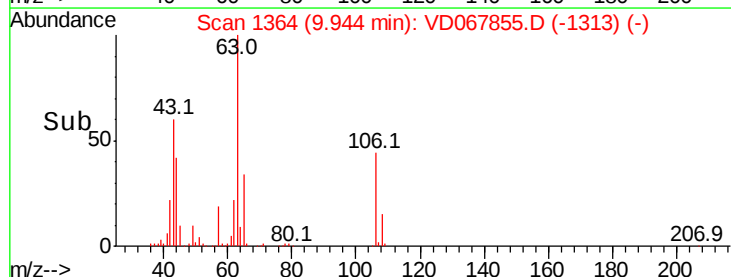
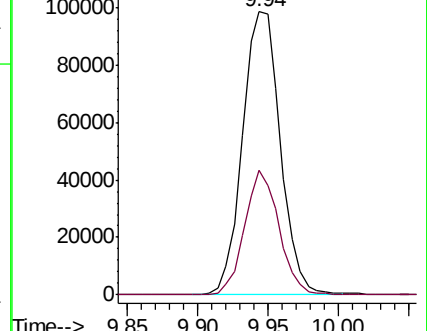
63 100

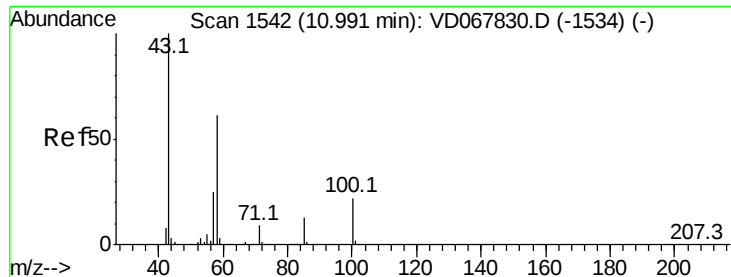
106 40.2 32.0 48.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 252.528 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

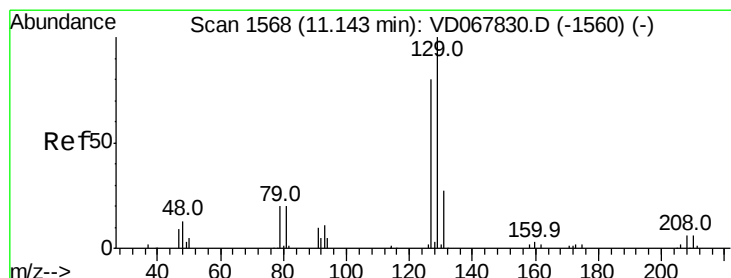
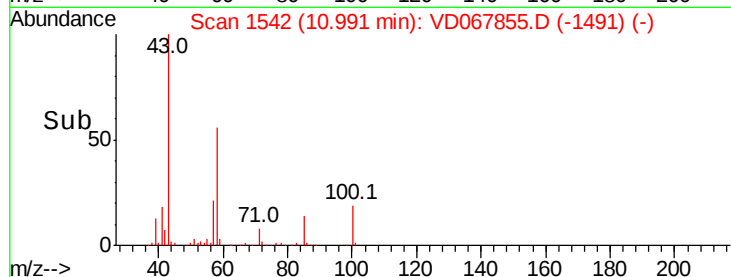
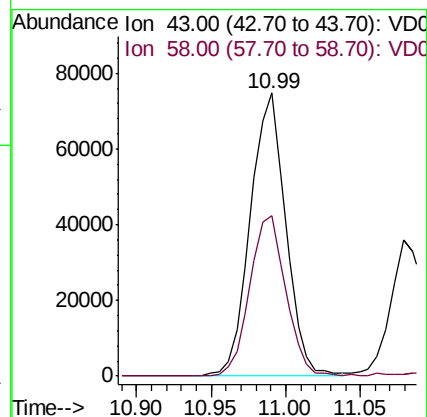
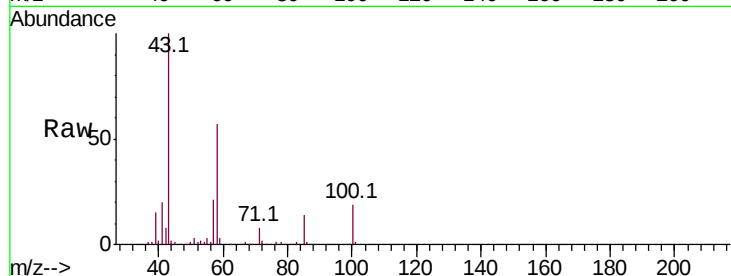
VSTDCCC050EC

Tot Ion: 43 Resp: 122669

Ion Ratio Lower Upper

43 100

58 57.8 29.9 89.7



#60

Dibromochloromethane

Concen: 50.551 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD067855.D

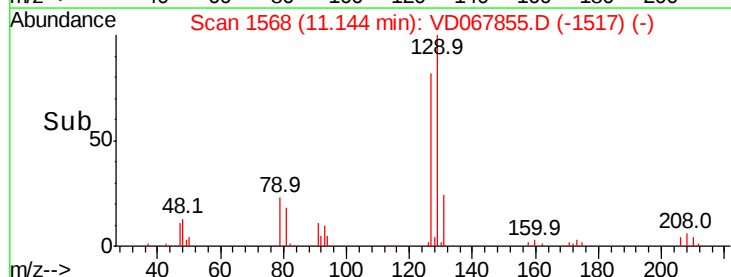
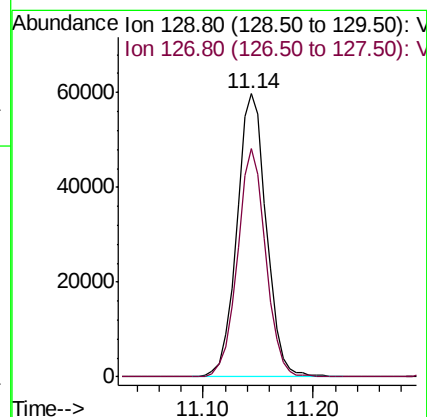
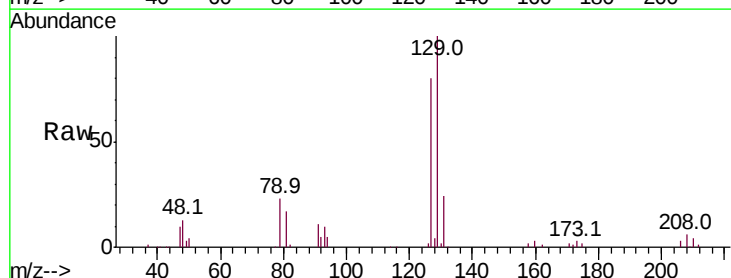
Acq: 03 Dec 2020 00:07

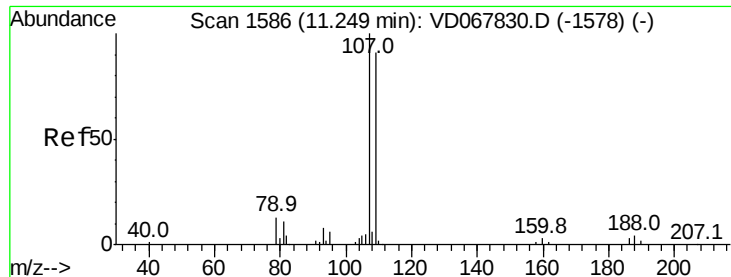
Tgt Ion: 129 Resp: 111794

Ion Ratio Lower Upper

129 100

127 77.4 39.2 117.6

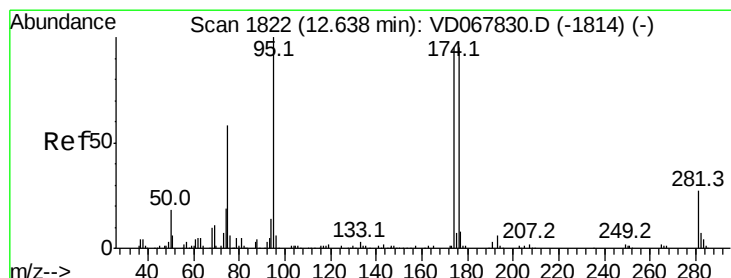
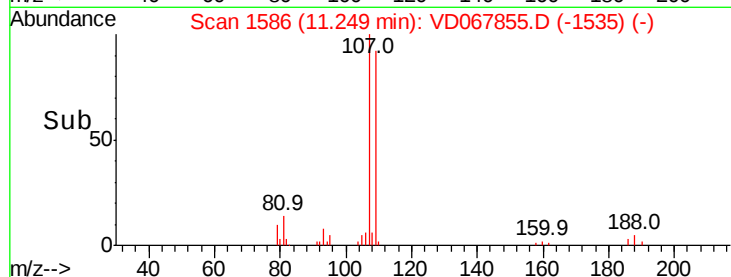
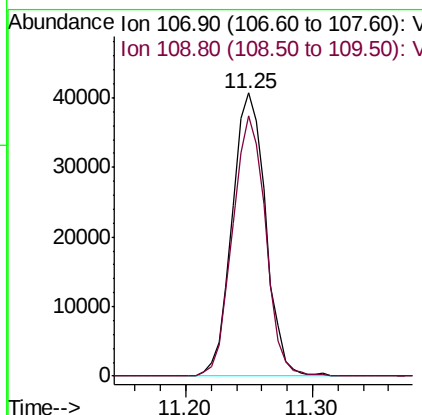
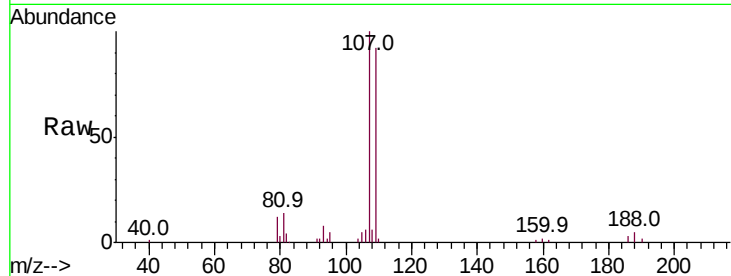




#61
 1,2-Dibromoethane
 Concen: 51.426 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

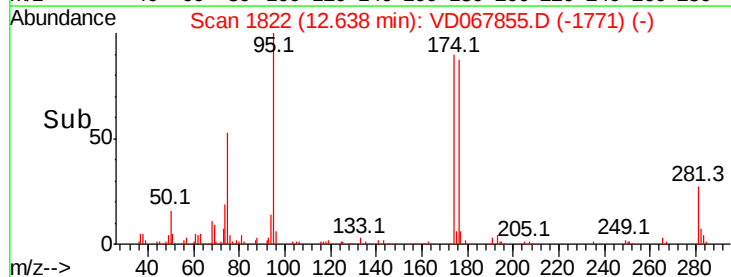
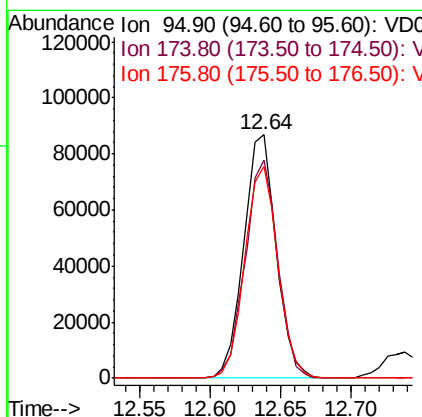
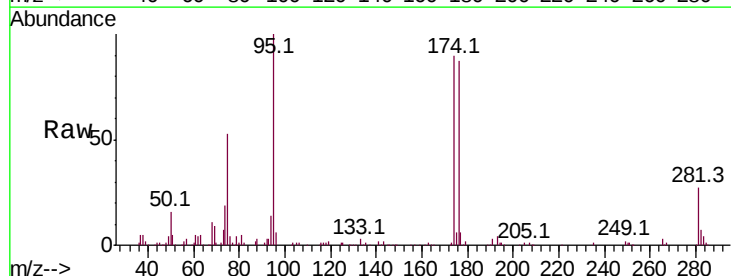
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

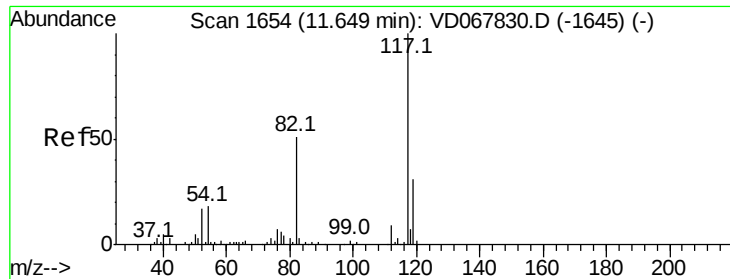
Tot Ion:107 Resp: 74194
 Ion Ratio Lower Upper
 107 100
 109 90.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 53.183 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 95 Resp: 140464
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 186.0
 176 88.4 0.0 184.2

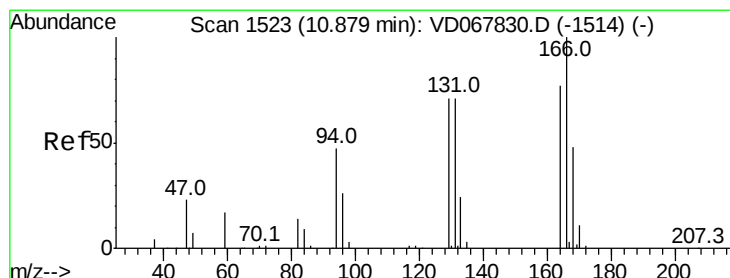
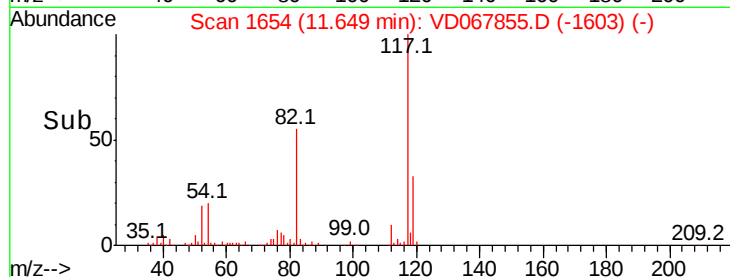
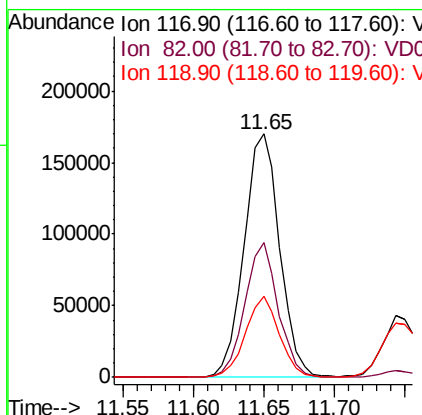
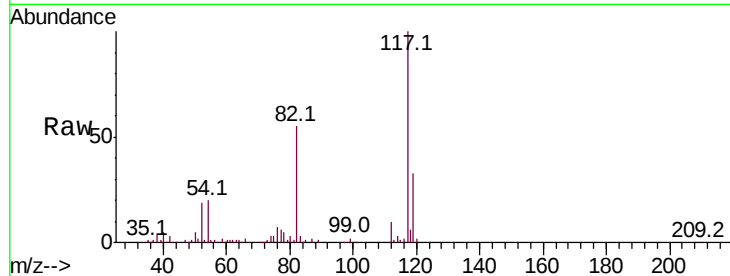




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

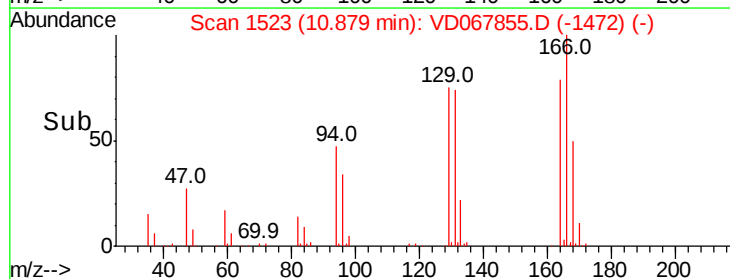
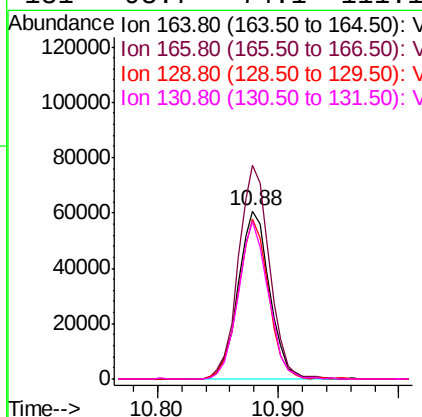
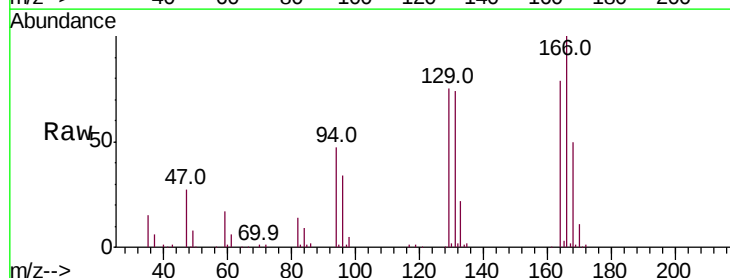
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

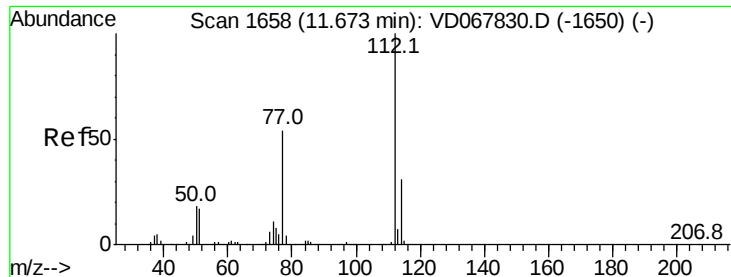
Tot Ion:117 Resp: 300756
Ion Ratio Lower Upper
117 100
82 55.4 40.6 60.8
119 33.1 25.1 37.7



#64
Tetrachloroethene
Concen: 44.967 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion:164 Resp: 110314
Ion Ratio Lower Upper
164 100
166 127.1 103.8 155.6
129 95.1 73.3 109.9
131 93.7 74.1 111.1

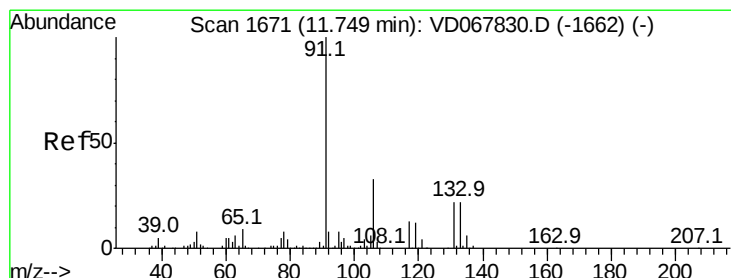
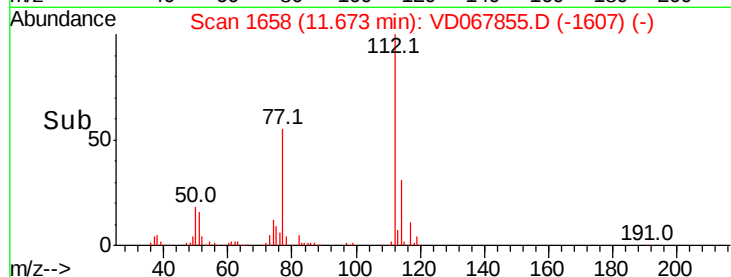
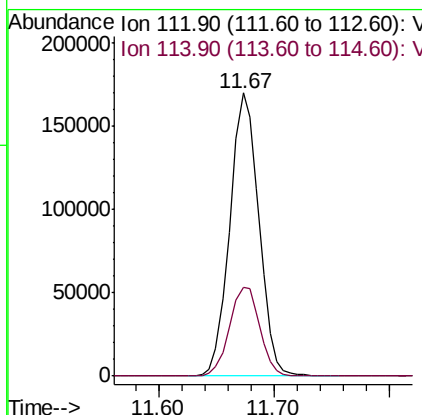
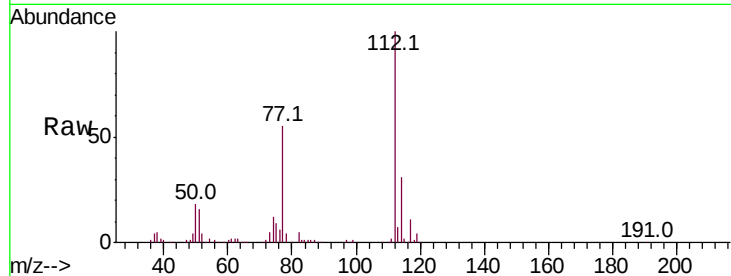




#65
Chlorobenzene
Concen: 47.678 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

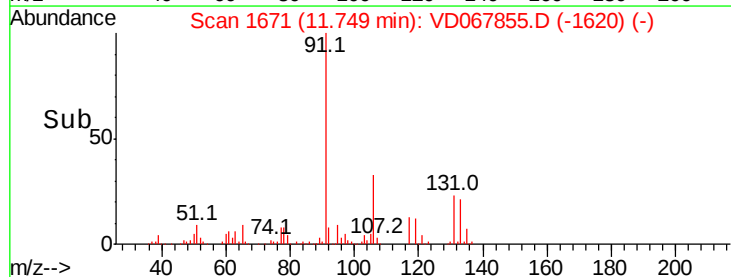
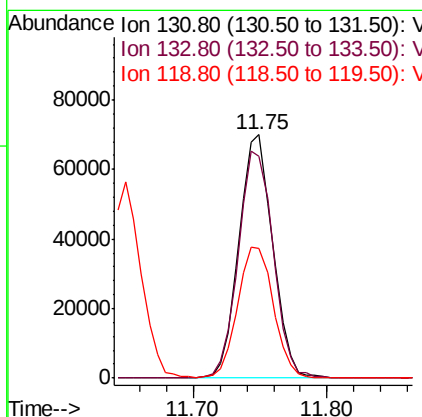
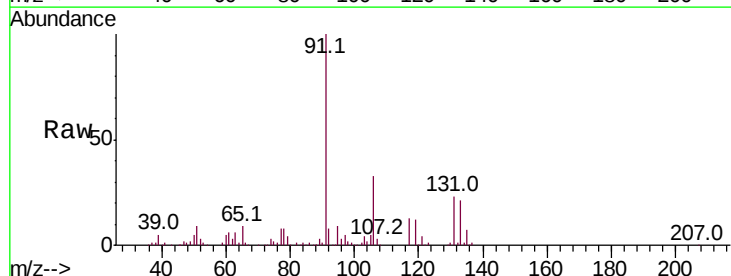
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

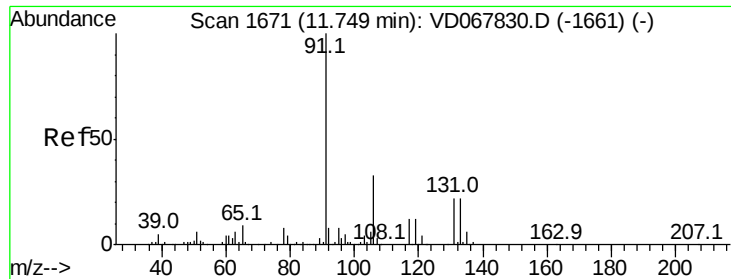
Tot Ion:112 Resp: 295879
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.596 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion:131 Resp: 123002
Ion Ratio Lower Upper
131 100
133 96.2 49.9 149.7
119 56.9 29.6 88.9

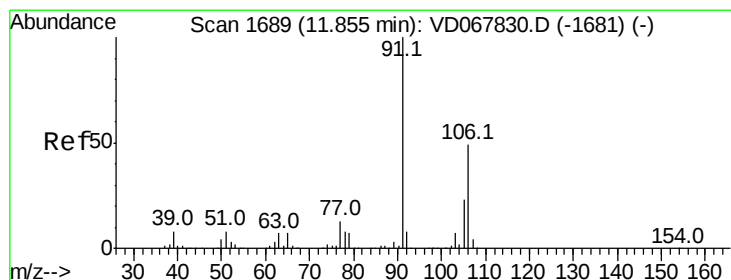
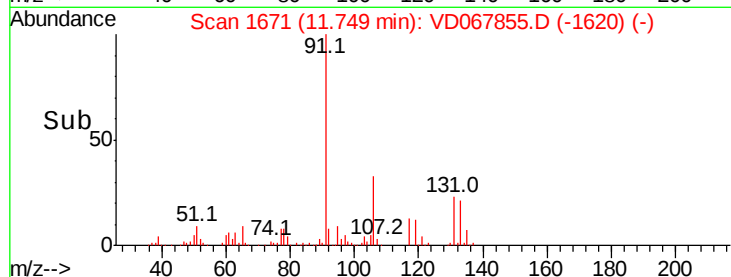
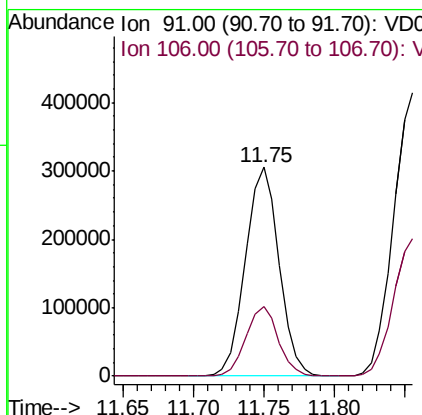
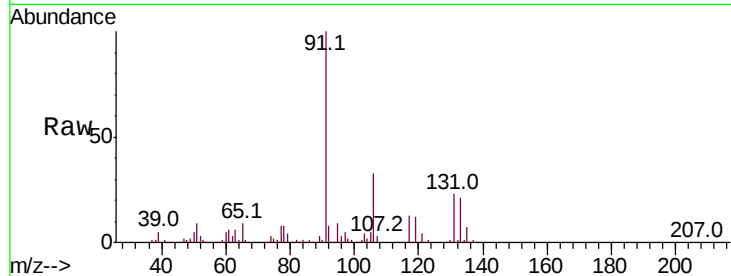




#67
Ethyl Benzene
Concen: 48.383 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

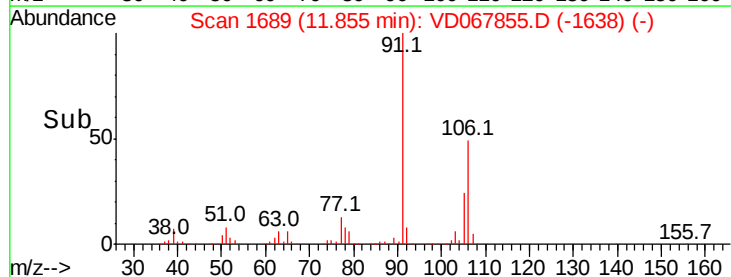
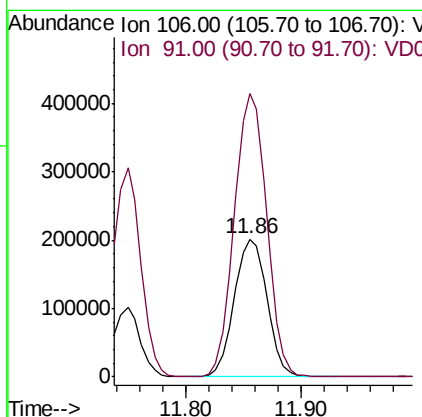
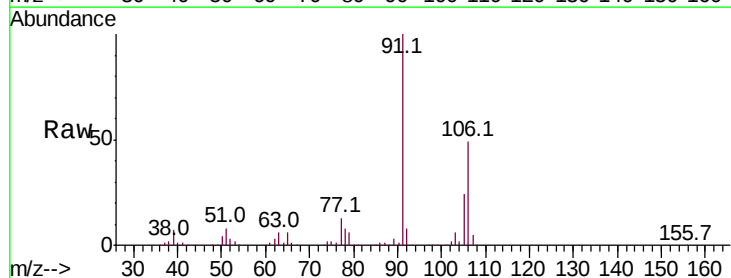
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

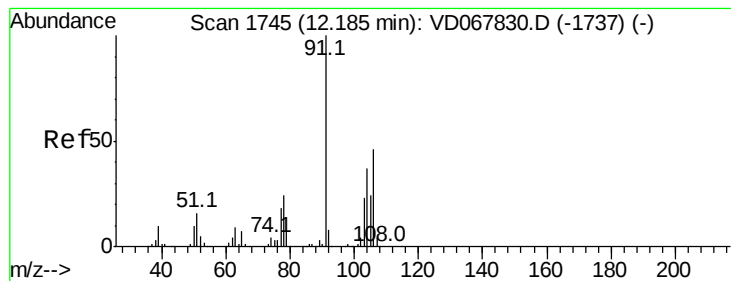
Tot Ion: 91 Resp: 511476
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.2



#68
m/p-Xylenes
Concen: 94.820 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 106 Resp: 395252
Ion Ratio Lower Upper
106 100
91 203.6 162.8 244.2





#69

o-Xylene

Concen: 49.277 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

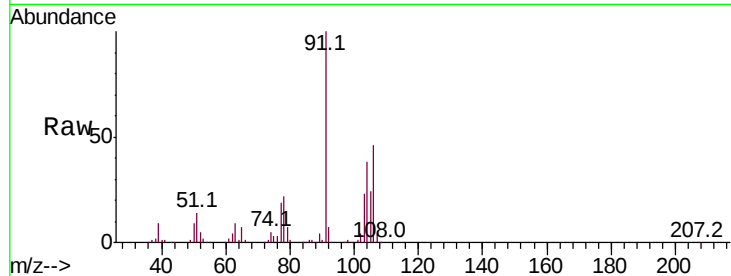
VSTDCCC050EC

Tot Ion:106 Resp: 182356

Ion Ratio Lower Upper

106 100

91 213.2 107.5 322.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

150000

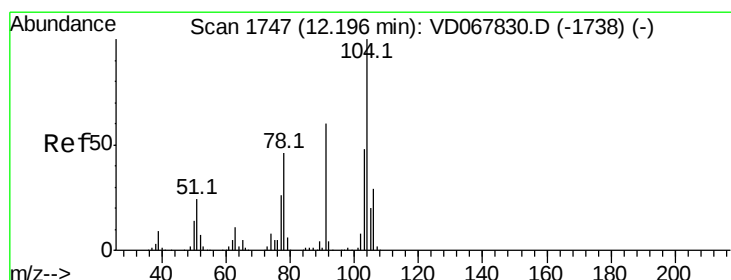
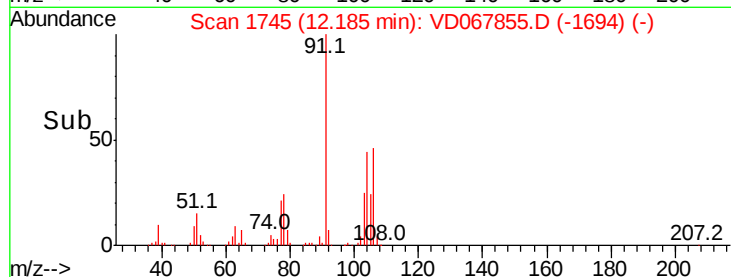
100000

50000

0

12.10 12.15 12.20 12.25

Time-->



#70

Styrene

Concen: 50.237 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

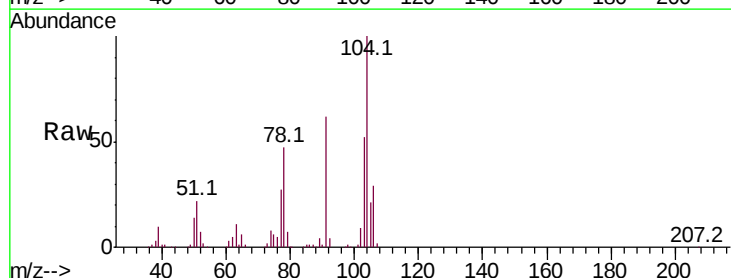
Tgt Ion:104 Resp: 323265

Ion Ratio Lower Upper

104 100

78 51.0 41.6 62.4

103 53.6 43.2 64.8



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

250000

200000

150000

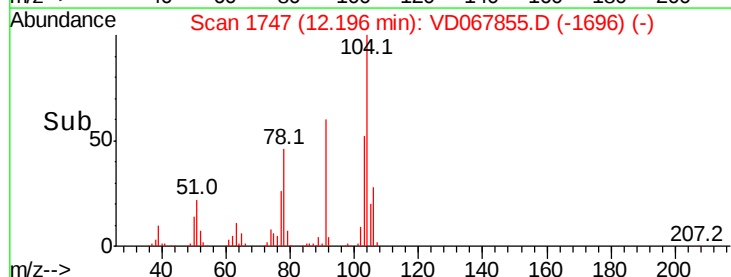
100000

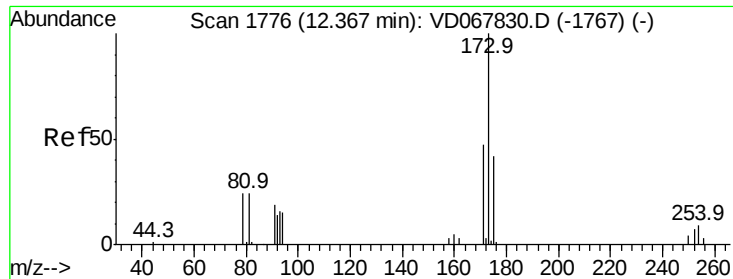
50000

0

12.10 12.20 12.30

Time-->





#71

Bromoform

Concen: 48.716 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

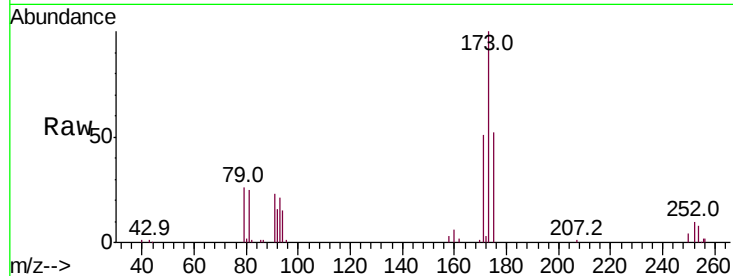
Tot Ion:173 Resp: 65271

Ion Ratio Lower Upper

173 100

175 50.1 23.4 70.3

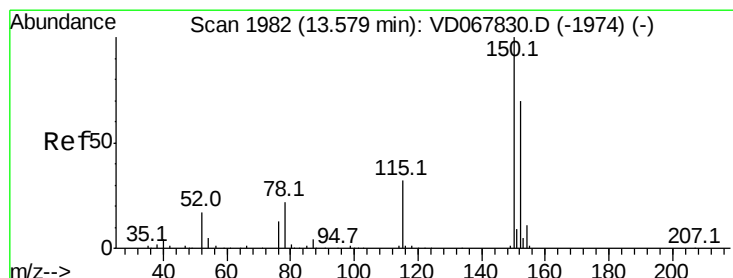
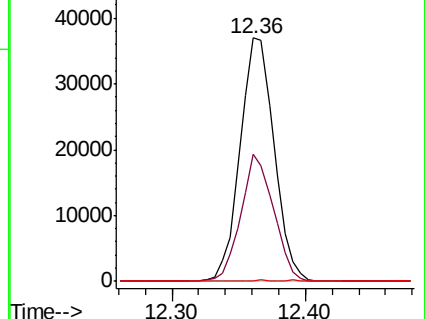
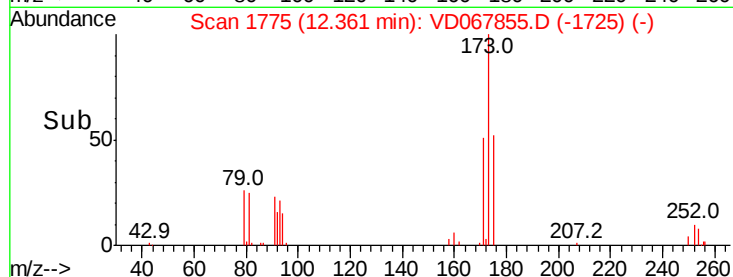
254 0.2 0.1 0.1#



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. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

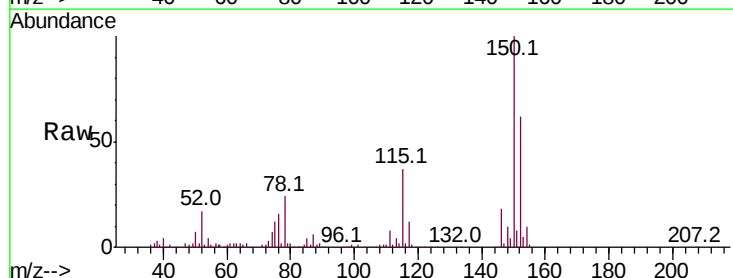
Tgt Ion:152 Resp: 157830

Ion Ratio Lower Upper

152 100

115 59.9 29.1 87.4

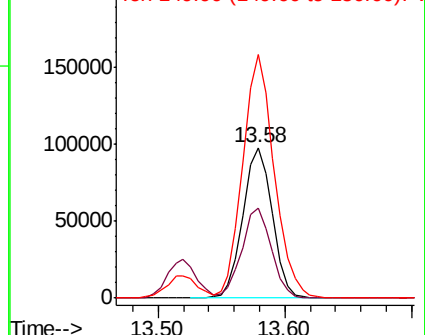
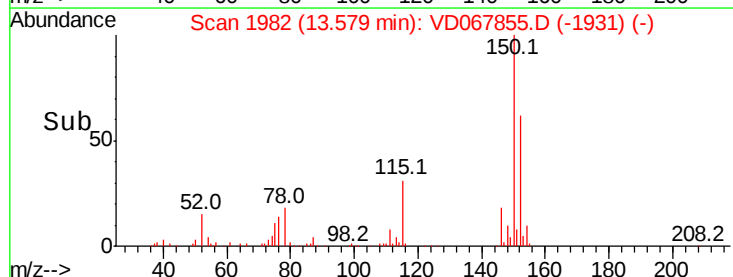
150 173.2 0.0 339.0

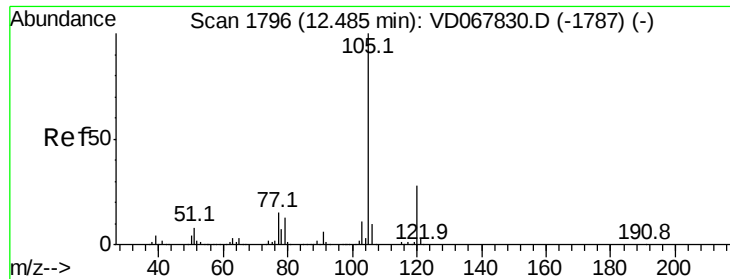


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.775 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

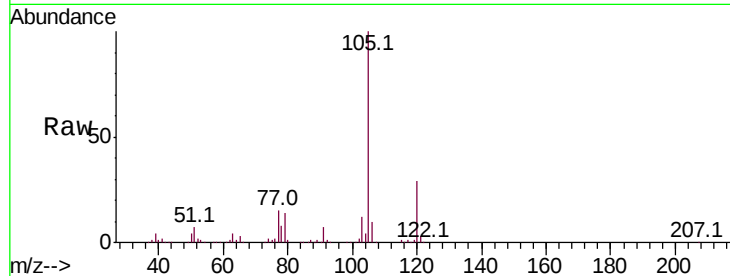
VSTDCCC050EC

Tot Ion:105 Resp: 507694

Ion Ratio Lower Upper

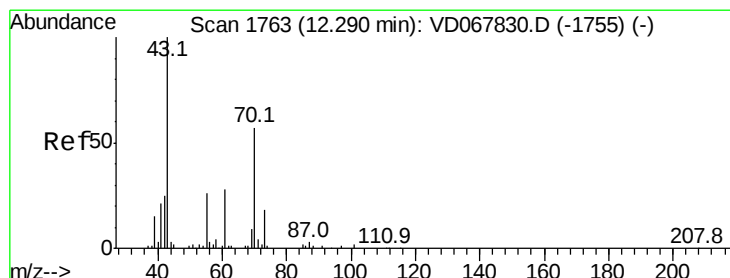
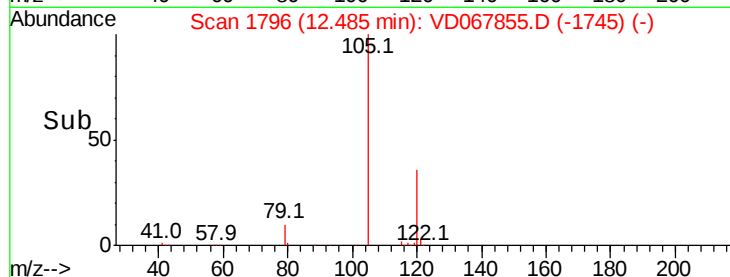
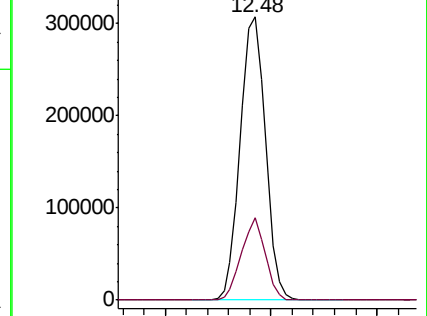
105 100

120 27.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.874 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Tgt Ion: 43 Resp: 65617

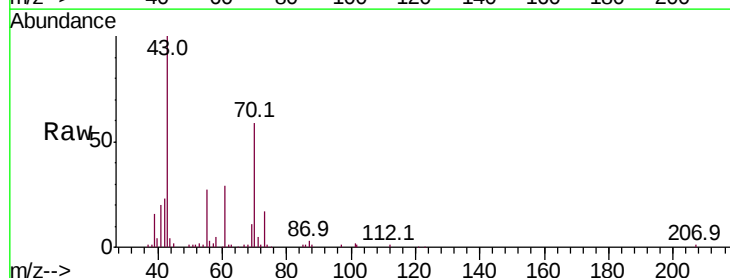
Ion Ratio Lower Upper

43 100

70 54.2 44.6 66.8

55 28.6 22.2 33.2

61 27.0 22.7 34.1

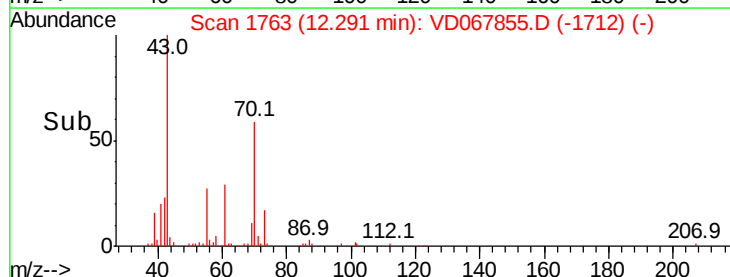
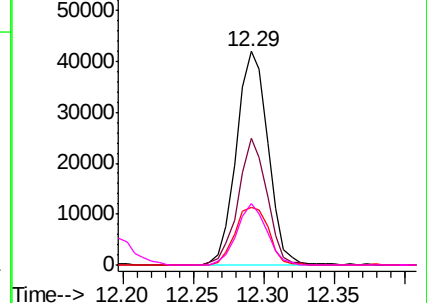


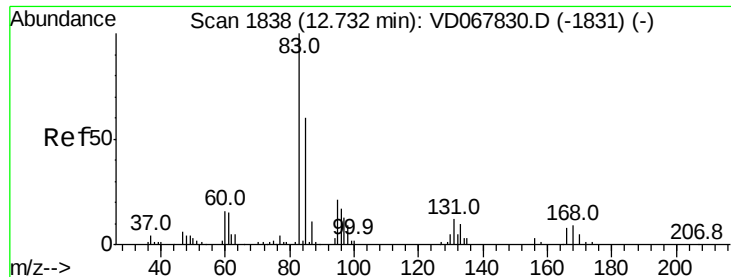
Abundance Ion 43.00 (42.70 to 43.70): V

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: 45.442 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

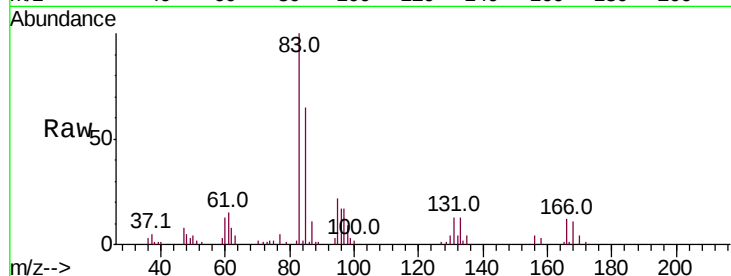
Tot Ion: 83 Resp: 65118

Ion Ratio Lower Upper

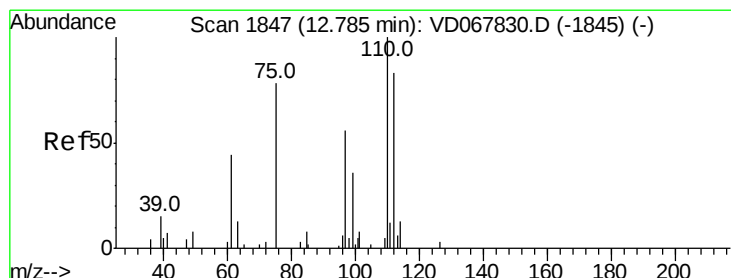
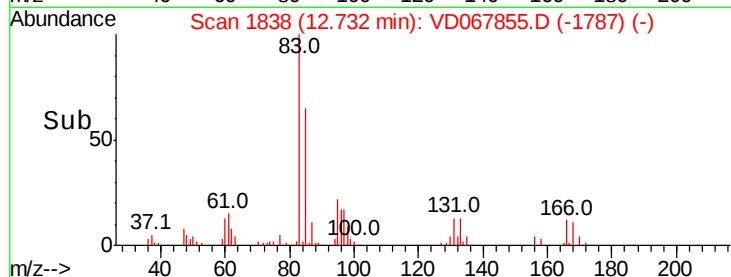
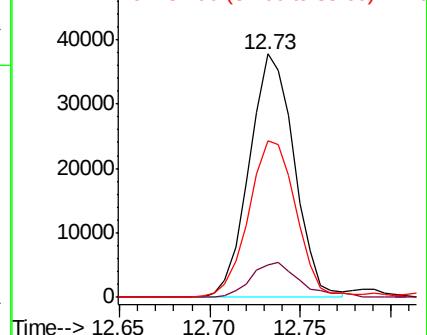
83 100

131 15.8 8.0 24.0

85 67.7 31.7 95.1



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: 83.951 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067855.D

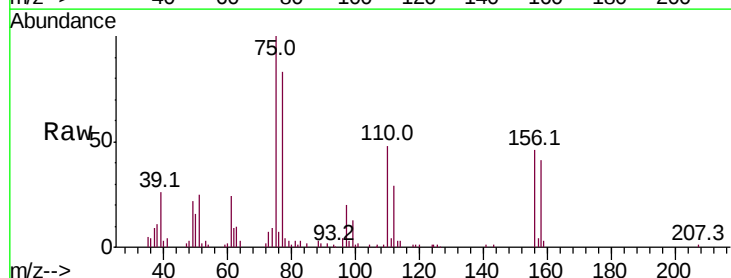
Acq: 03 Dec 2020 00:07

Tgt Ion: 75 Resp: 96491

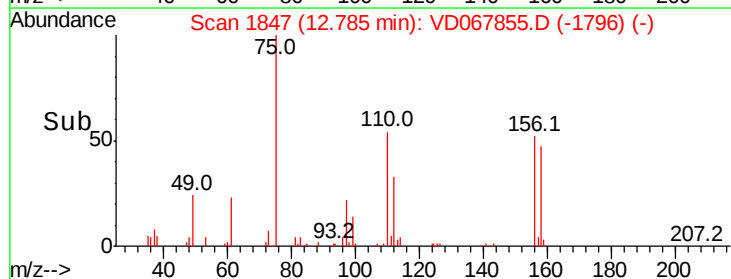
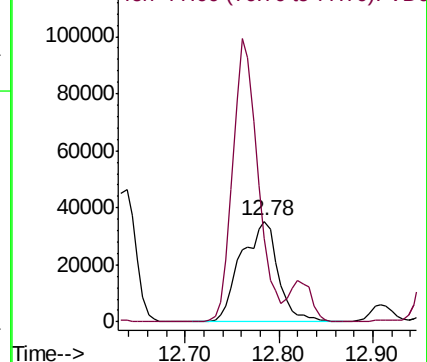
Ion Ratio Lower Upper

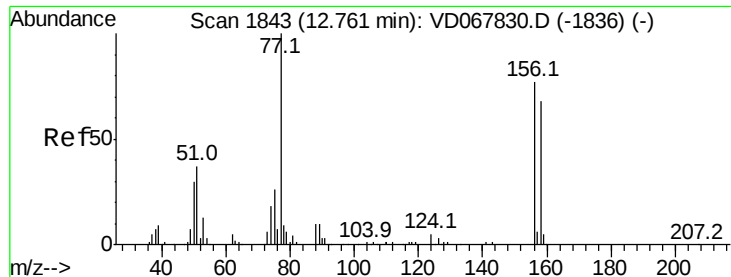
75 100

77 0.0 175.9 527.7#



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





#77

Bromobenzene

Concen: 47.634 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

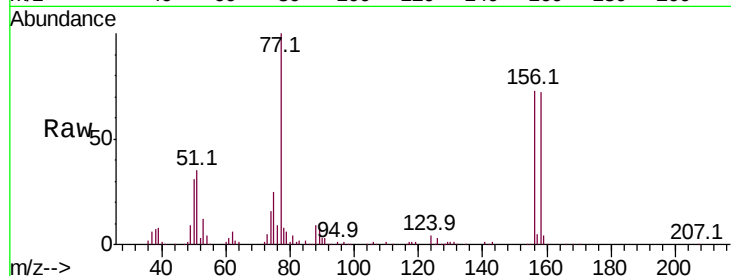
Tot Ion:156 Resp: 128533

Ion Ratio Lower Upper

156 100

77 144.5 71.5 214.5

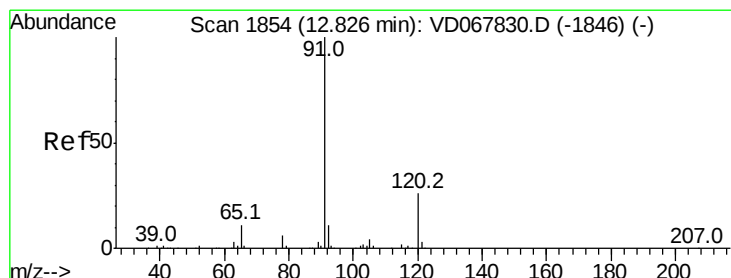
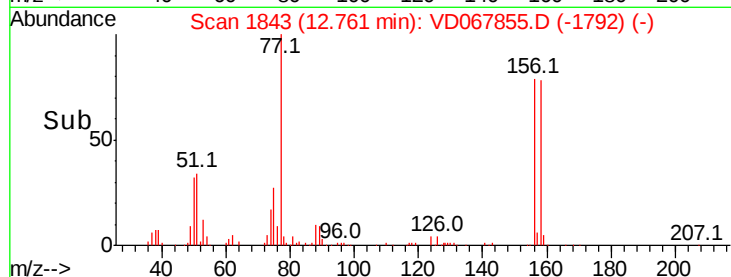
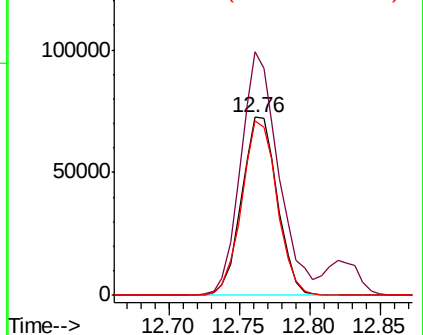
158 96.6 47.1 141.4



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: 46.521 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067855.D

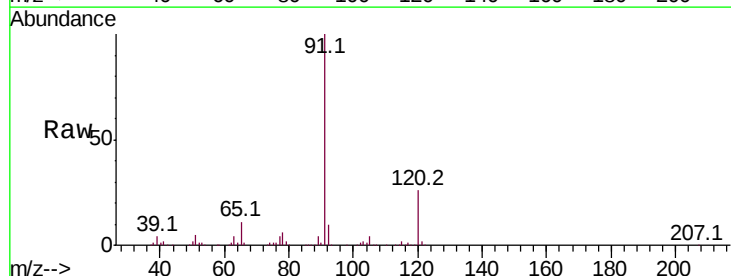
Acq: 03 Dec 2020 00:07

Tgt Ion: 91 Resp: 559648

Ion Ratio Lower Upper

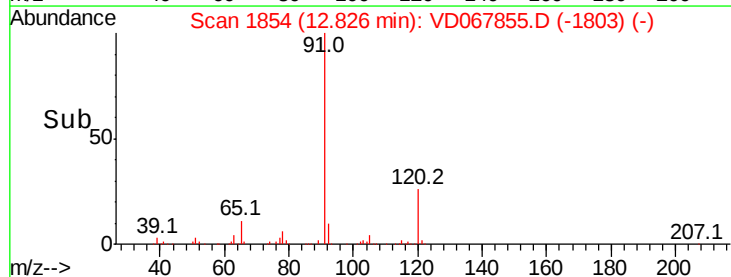
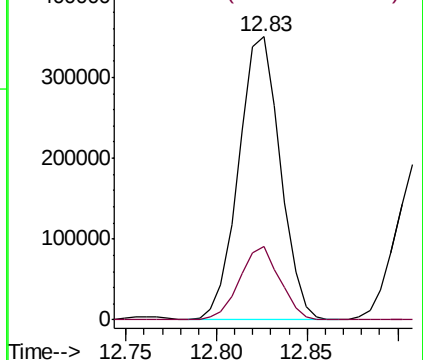
91 100

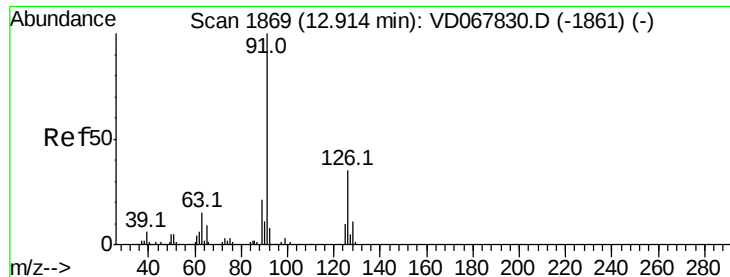
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

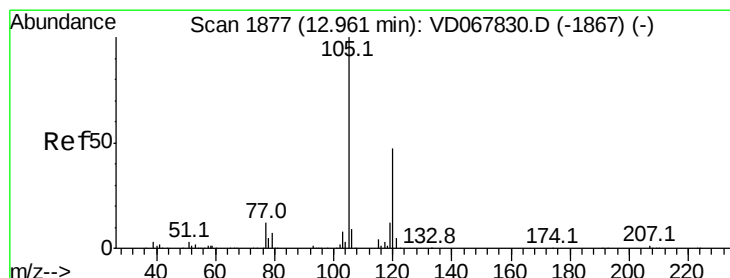
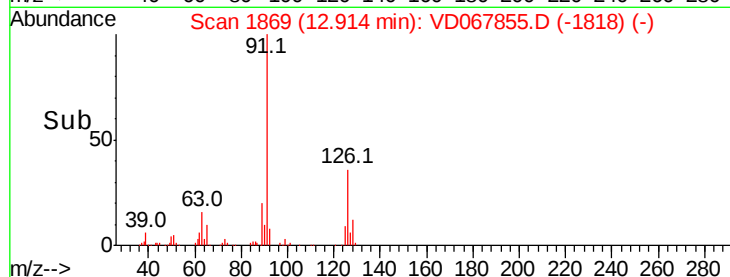
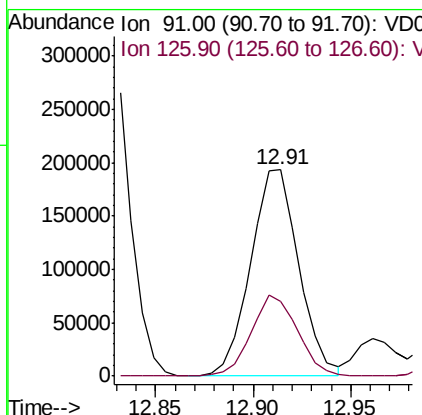
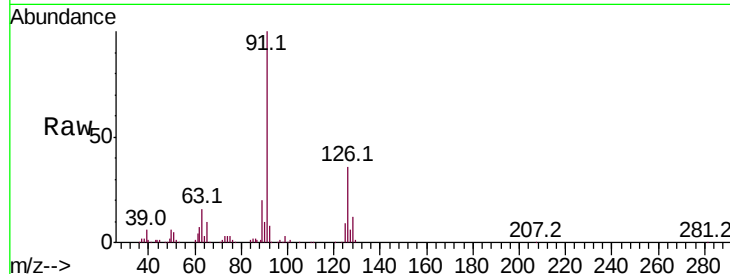




#79
 2-Chlorotoluene
 Concen: 46.723 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

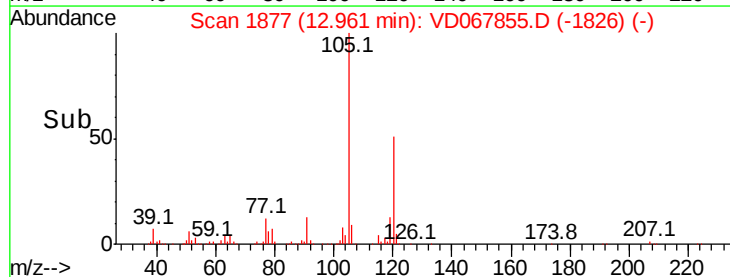
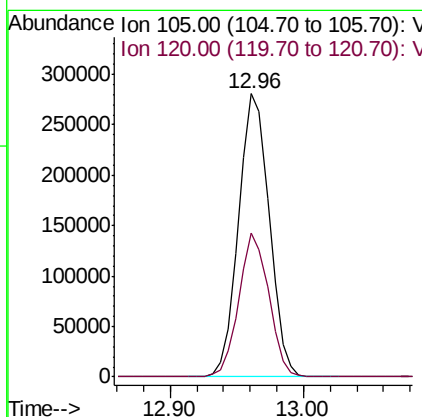
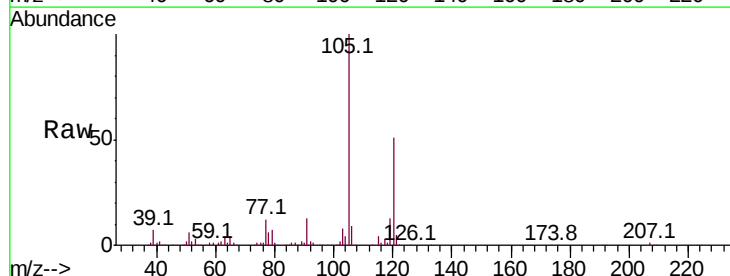
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

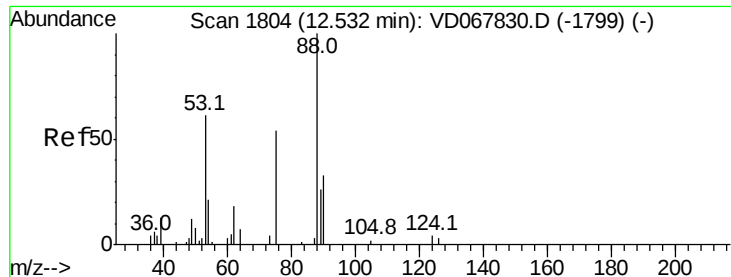
Tot Ion: 91 Resp: 330667
 Ion Ratio Lower Upper
 91 100
 126 37.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 47.497 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 105 Resp: 446349
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 41.495 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

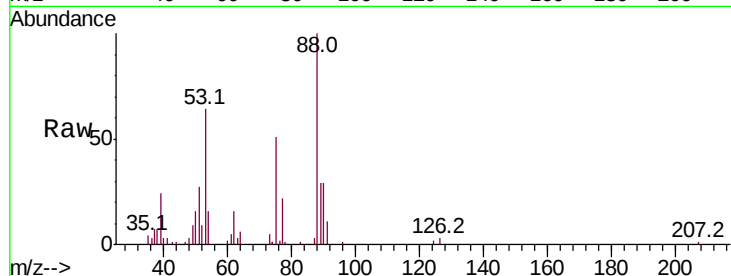
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 19938

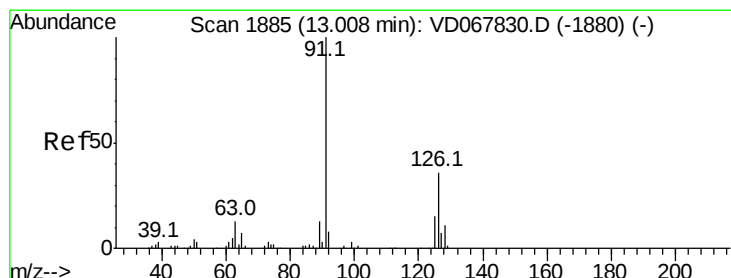
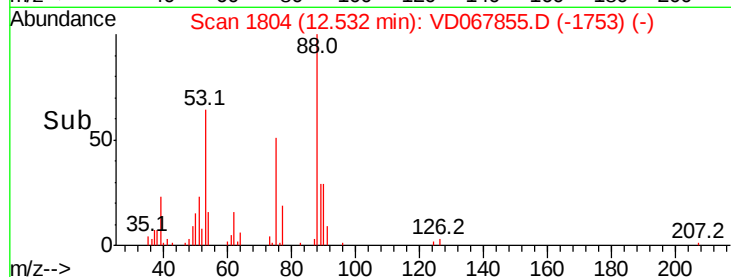
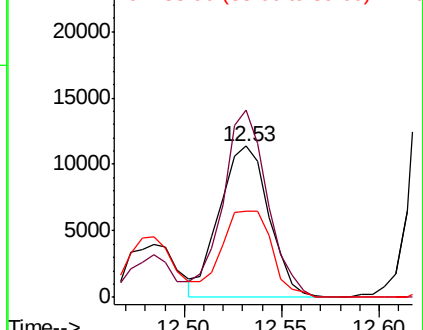
Ion	Ratio	Lower	Upper
75	100		
53	113.9	84.6	127.0
89	57.0	41.0	61.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 46.314 ug/l

RT: 13.01 min Scan# 1885

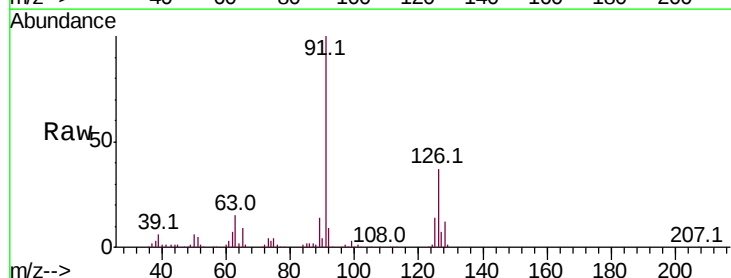
Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

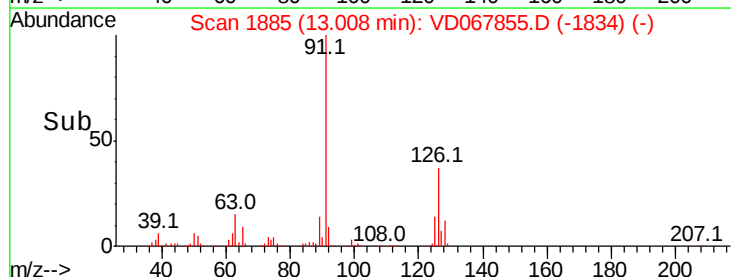
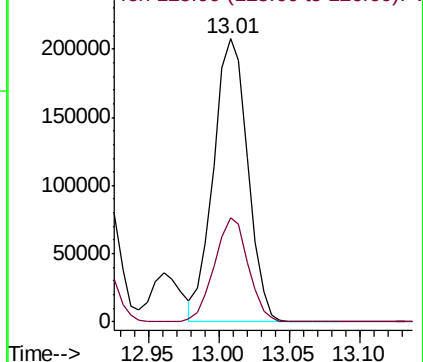
Tgt Ion: 91 Resp: 349639

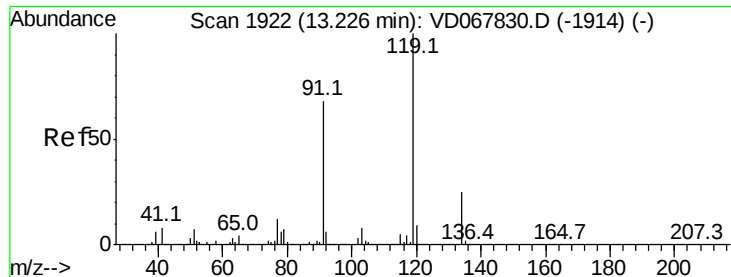
Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

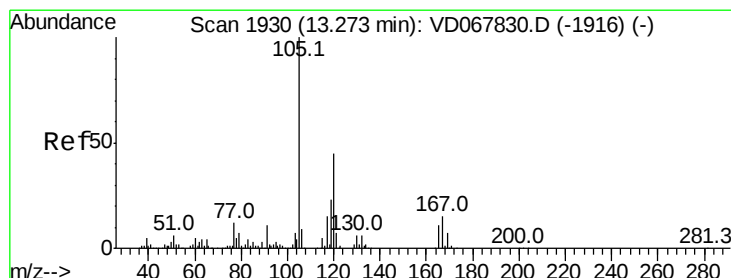
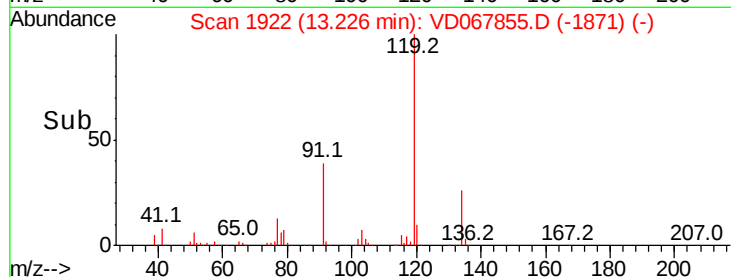
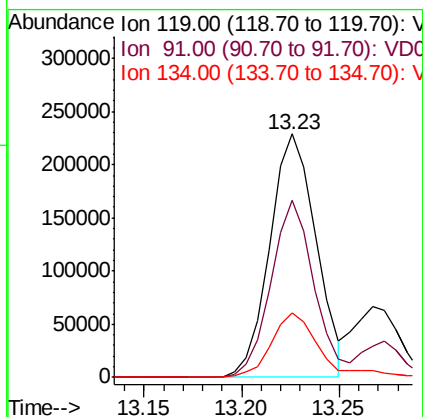
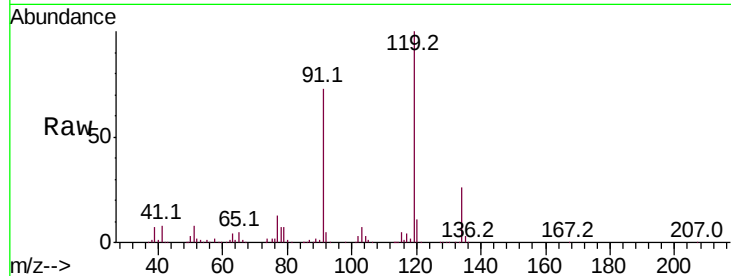




#83
tert-Butylbenzene
Concen: 47.051 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

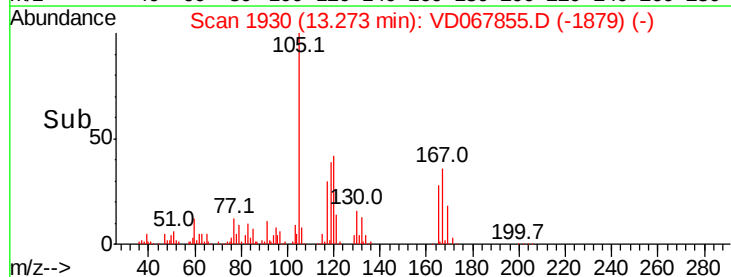
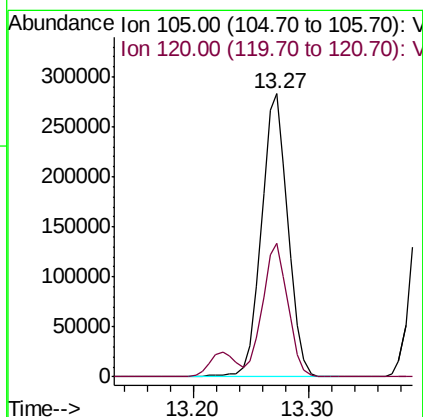
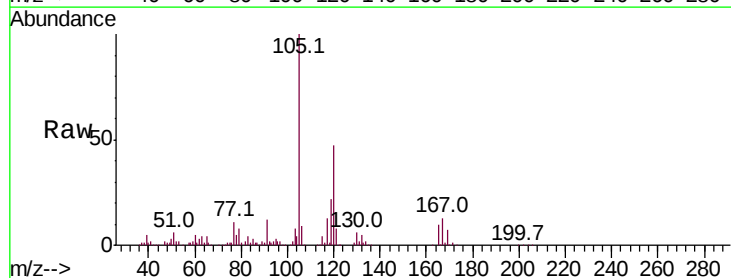
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

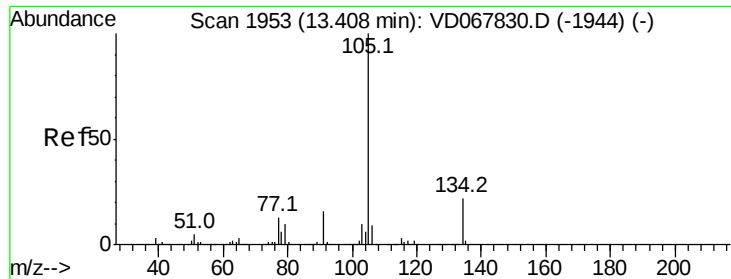
Tot Ion:119 Resp: 376256
Ion Ratio Lower Upper
119 100
91 68.2 33.1 99.3
134 27.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 48.276 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion:105 Resp: 451127
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 45.516 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

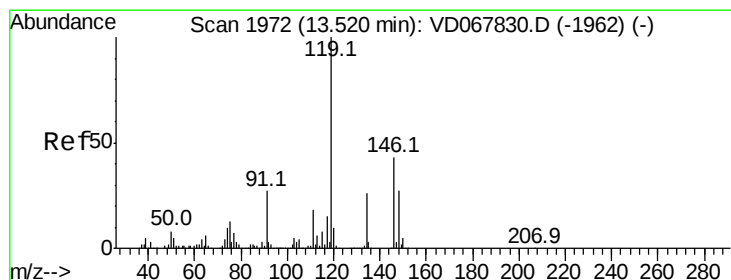
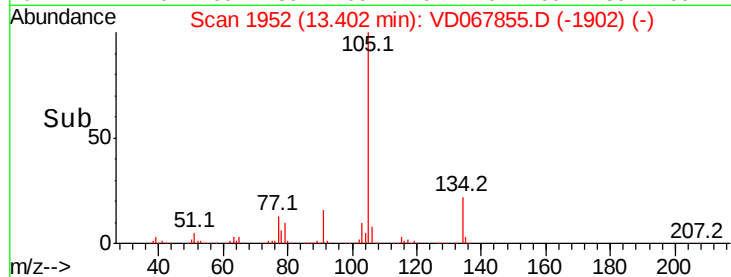
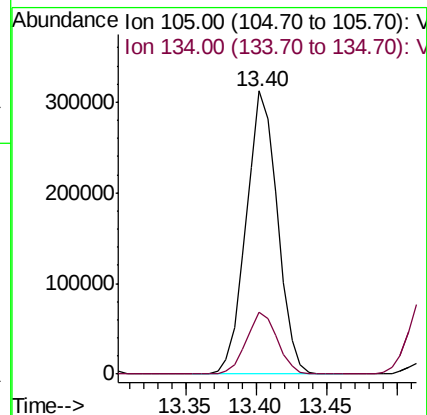
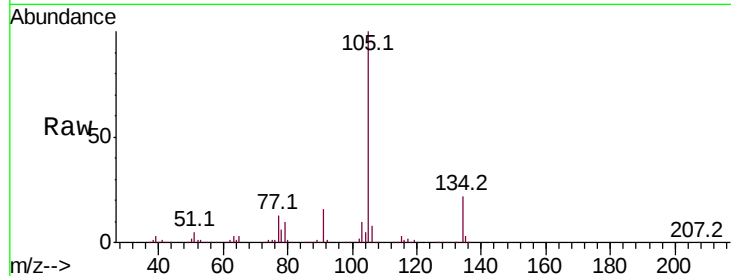
VSTDCCC050EC

Tot Ion:105 Resp: 485806

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 45.190 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

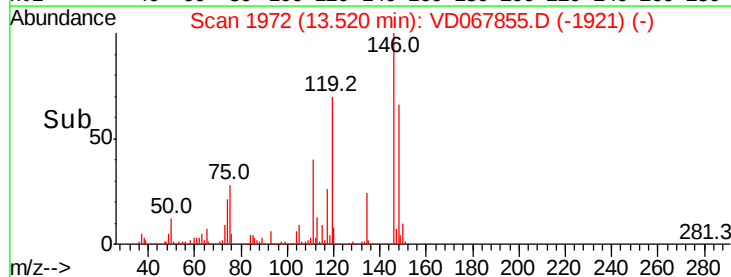
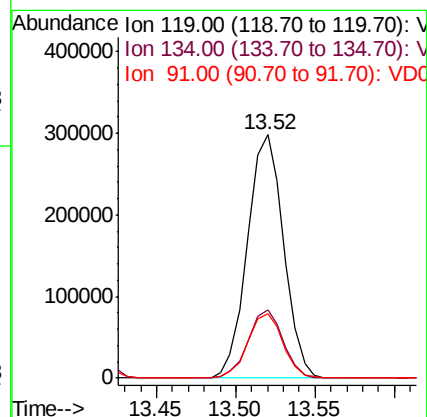
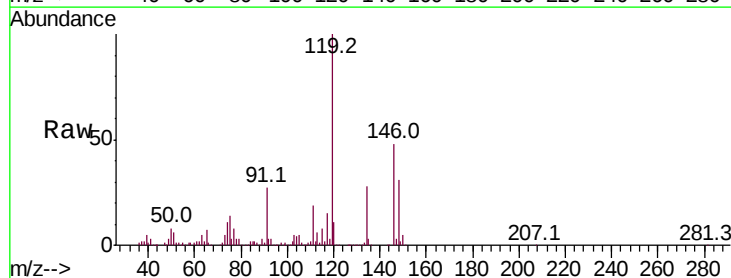
Tgt Ion:119 Resp: 472714

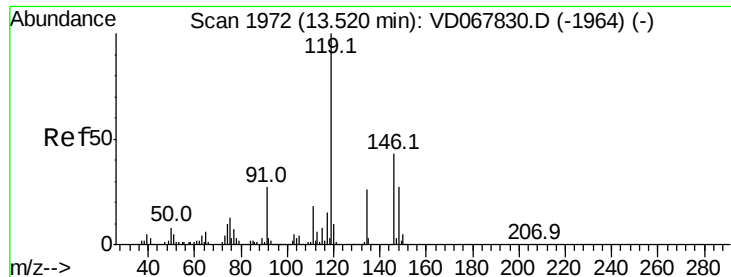
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 26.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 46.565 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

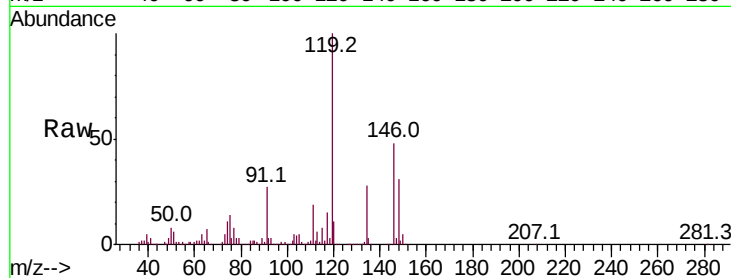
Tot Ion:146 Resp: 242377

Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.2

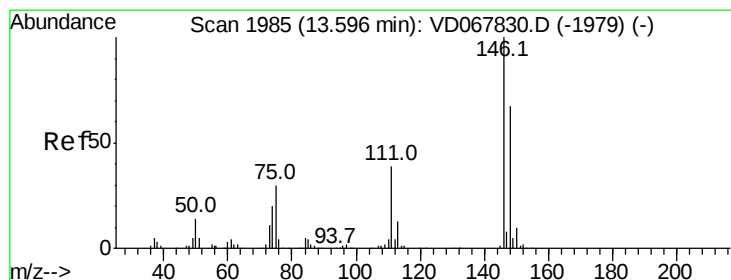
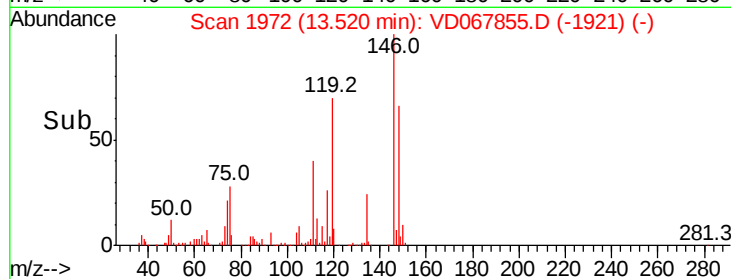
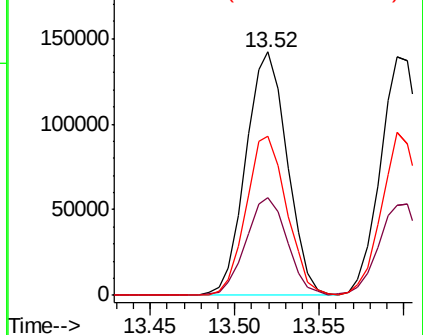
148 64.5 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.261 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD067855.D

Acq: 03 Dec 2020 00:07

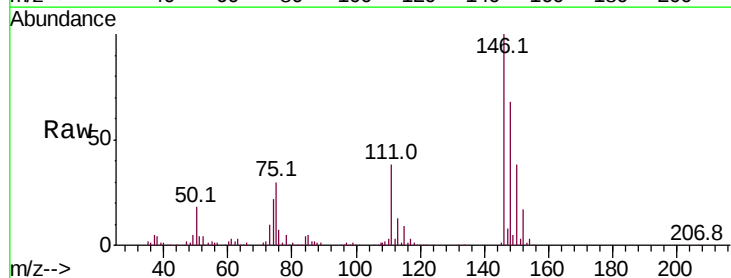
Tgt Ion:146 Resp: 235692

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.6

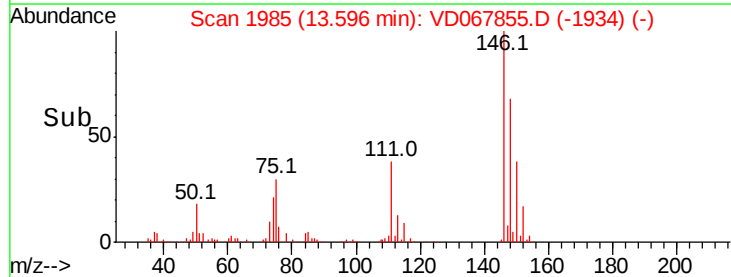
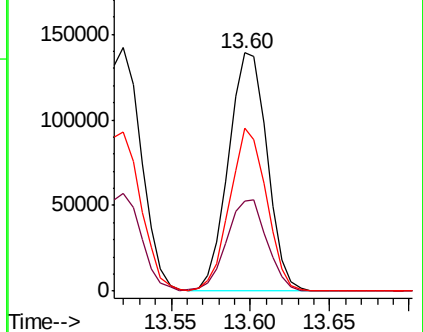
148 64.9 32.4 97.2

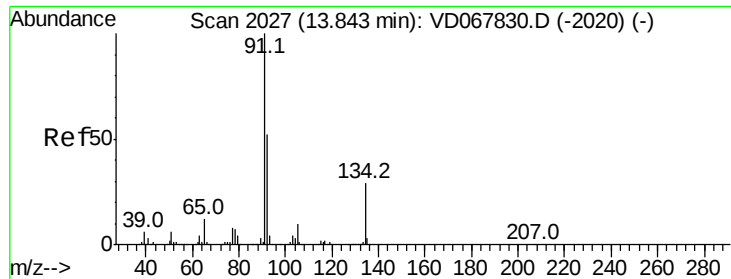


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

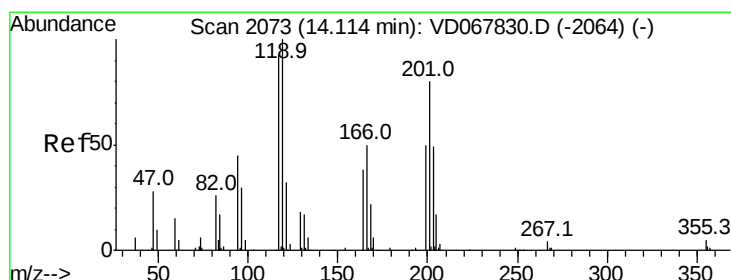
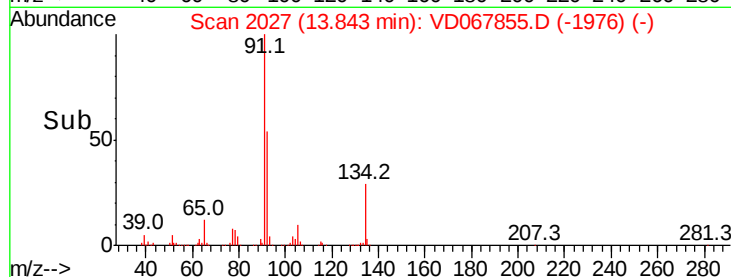
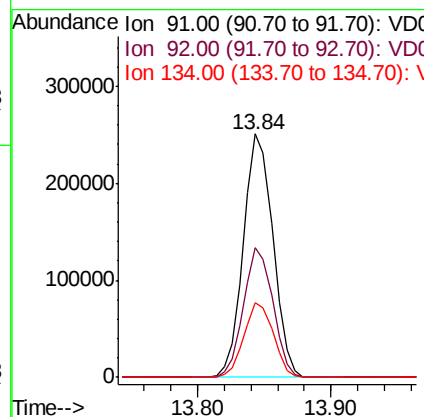
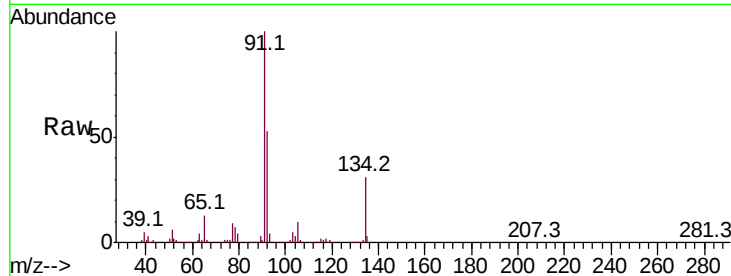




#89
n-Butylbenzene
Concen: 44.286 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

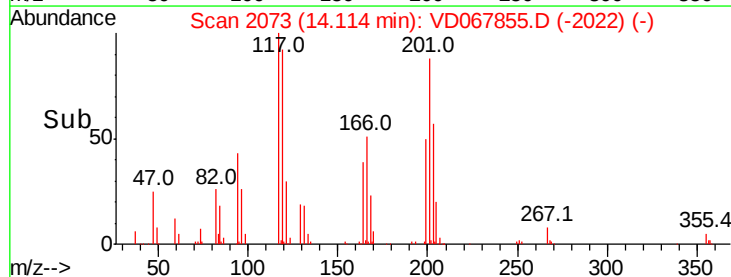
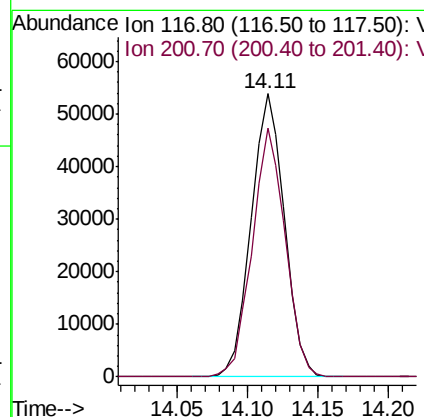
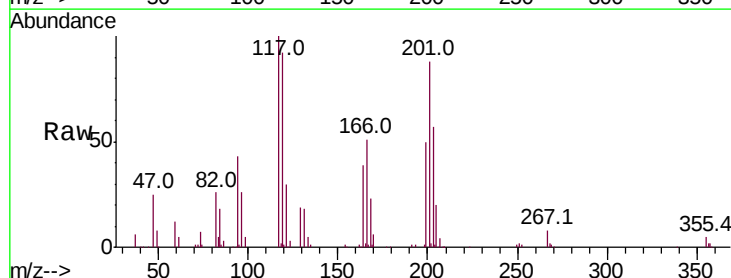
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

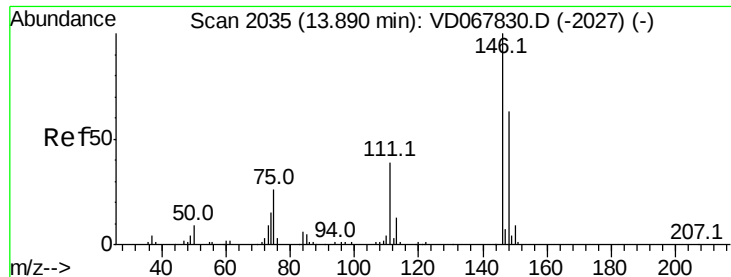
Tot Ion: 91 Resp: 384873
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 30.5 14.8 44.3



#90
Hexachloroethane
Concen: 46.195 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion: 117 Resp: 89214
Ion Ratio Lower Upper
117 100
201 87.0 43.9 131.6

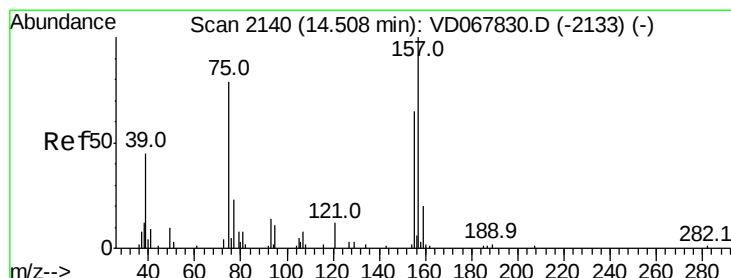
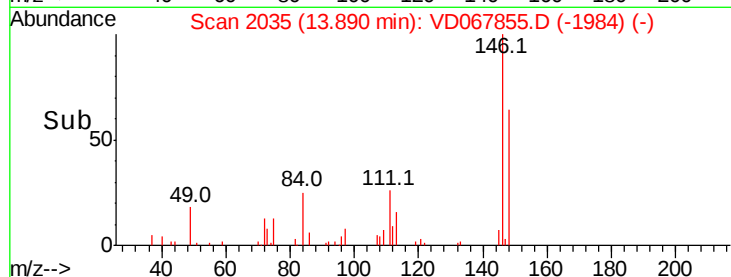
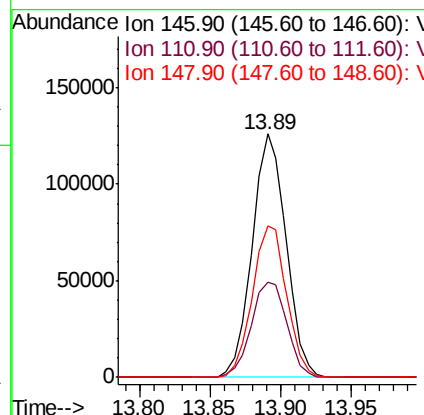
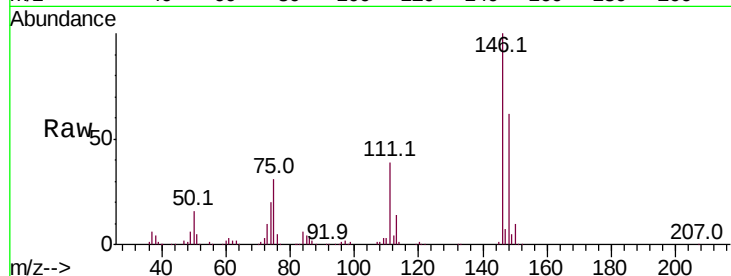




#91
 1,2-Dichlorobenzene
 Concen: 47.090 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

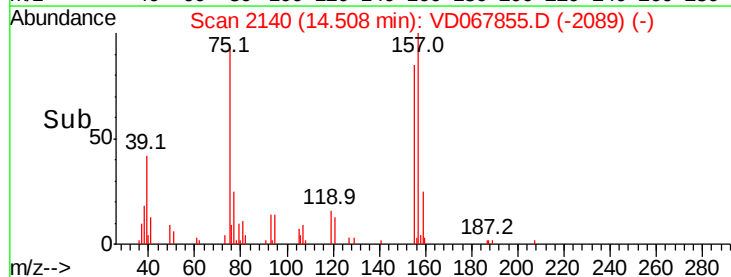
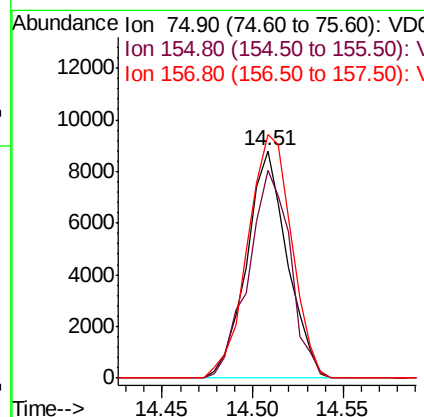
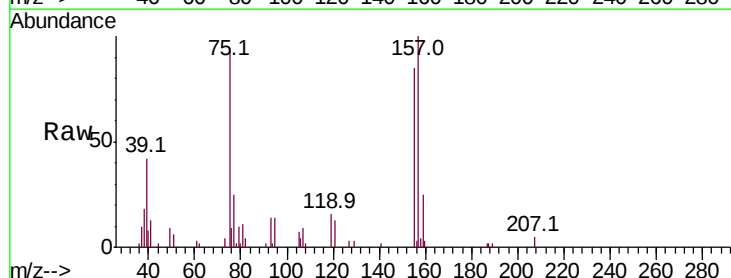
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

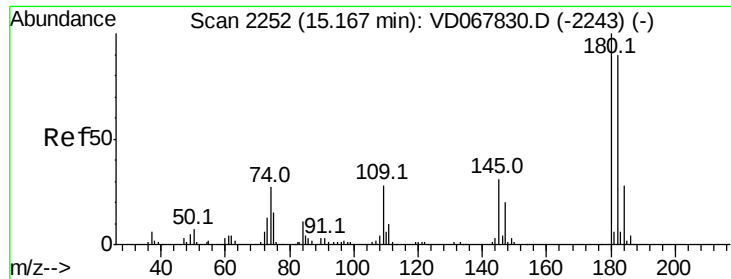
Tot Ion:146 Resp: 212583
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 62.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.830 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion: 75 Resp: 13706
 Ion Ratio Lower Upper
 75 100
 155 94.3 44.1 132.4
 157 116.1 62.4 187.2

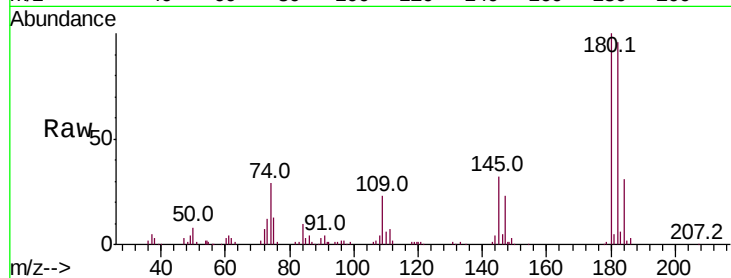




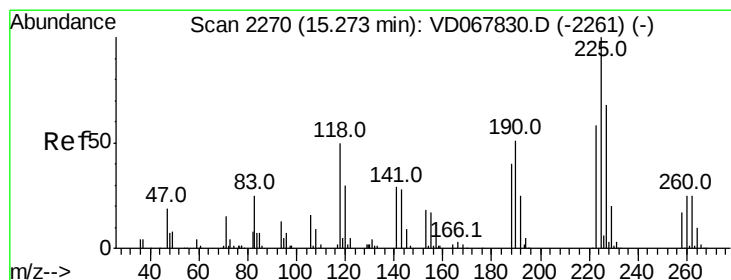
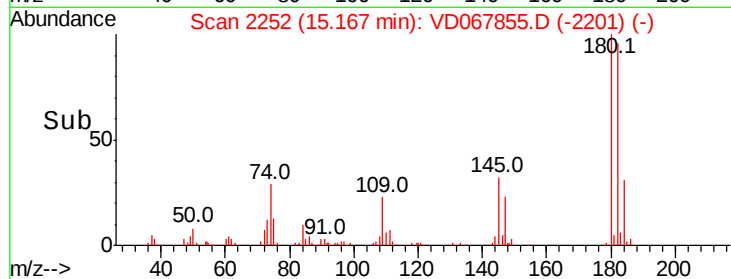
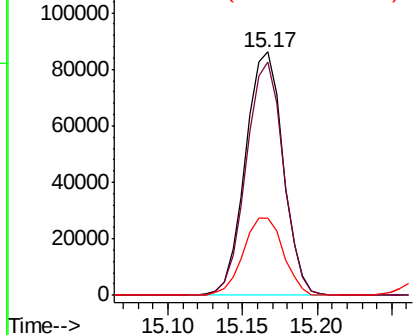
#93
 1,2,4-Trichlorobenzene
 Concen: 47.560 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	33.9	16.4	49.4

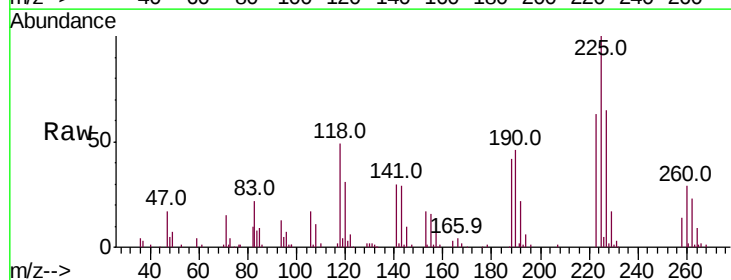


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

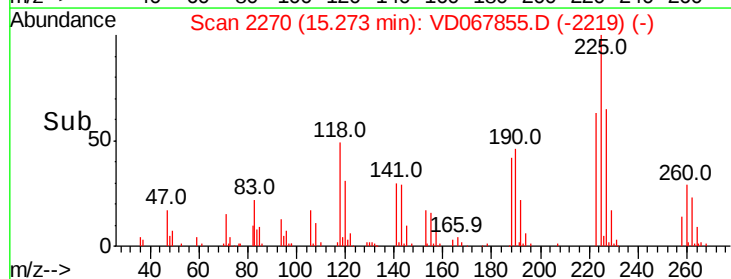
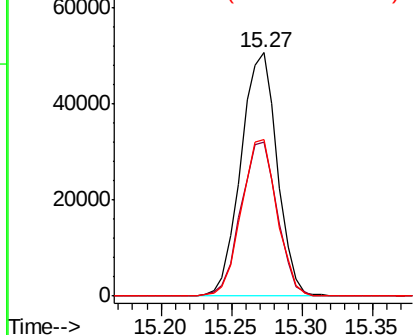


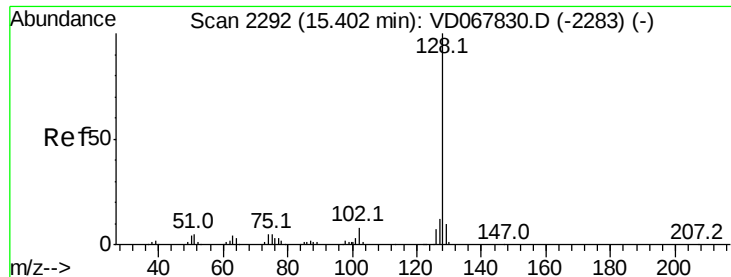
#94
 Hexachlorobutadiene
 Concen: 44.218 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067855.D
 Acq: 03 Dec 2020 00:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.3
227	62.9	33.1	99.3



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

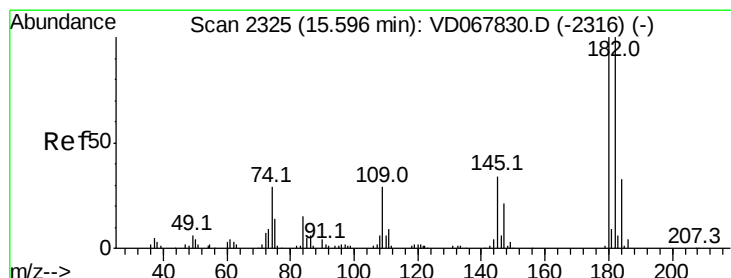
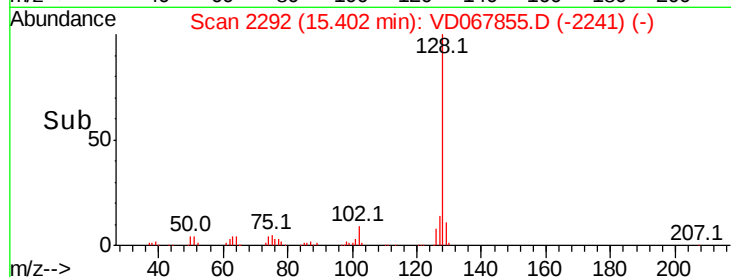
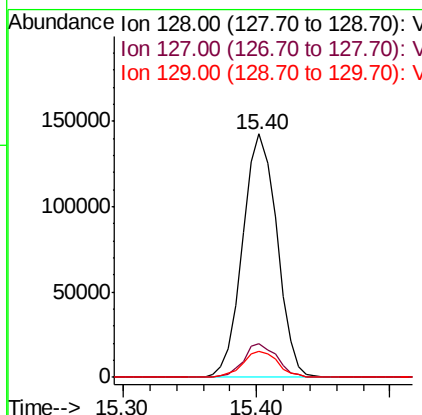
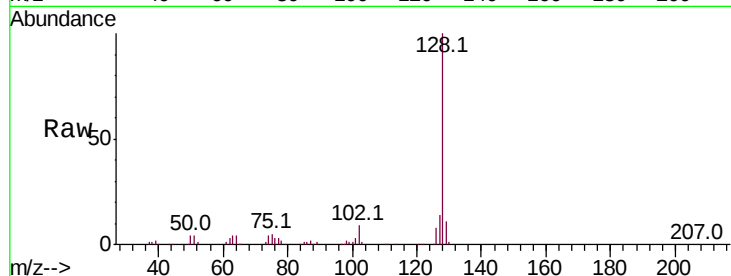




#95
Naphthalene
Concen: 49.382 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 253750
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 48.632 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067855.D
Acq: 03 Dec 2020 00:07

Tgt Ion:180 Resp: 132623
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 33.7 16.8 50.4

