

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068711.D
 Acq On : 29 Mar 2021 21:18
 Operator : VA/SY
 Sample : M1836-03
 Misc : 8.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-0-2

Quant Time: Mar 30 01:08:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	544977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	978928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	974352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	470681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	273479	49.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.54%
35) Dibromofluoromethane	7.920	113	300548	49.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.68%
50) Toluene-d8	10.338	98	1245951	53.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.12%
62) 4-Bromofluorobenzene	12.632	95	454802	59.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.48%

Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	56	3.48	ug/l #	41
11) Tert butyl alcohol	5.232	59	85911	339.27	ug/l #	73
13) Acrolein	3.879	56	54687	261.52	ug/l #	1
14) Allyl chloride	4.832	41	23347	4.46	ug/l #	17
15) Acrylonitrile	5.479	53	95555	96.00	ug/l #	33
16) Acetone	4.144	43	120774	181.15	ug/l #	66
17) Carbon Disulfide	4.409	76	38327	2.77	ug/l	99
18) Methyl Acetate	4.950	43	574359	313.40	ug/l #	43
19) Methyl tert-butyl Ether	5.479	73	6300711	580.73	ug/l #	73
20) Methylene Chloride	4.962	84	22726	Below Cal	#	14
25) 2-Butanone	7.214	43	32504	29.42	ug/l #	71
29) Tetrahydrofuran	7.562	42	3369	4.82	ug/l #	25
30) Chloroform	7.738	83	11773	1.11	ug/l #	5
31) Cyclohexane	7.979	56	675655	76.20	ug/l	89
36) 1,1-Dichloropropene	7.979	75	41533	4.75	ug/l #	49
37) Ethyl Acetate	7.214	43	32515	11.78	ug/l #	73
38) Carbon Tetrachloride	7.979	117	52038	5.96	ug/l #	14
39) Methylcyclohexane	9.356	83	816053	75.62	ug/l	90
40) Benzene	8.356	78	10232249	401.10	ug/l	95
41) Methacrylonitrile	7.562	41	10920	6.76	ug/l #	37
42) 1,2-Dichloroethane	8.350	62	83881	12.57	ug/l	98
43) Isopropyl Acetate	8.509	43	1579343	298.40	ug/l #	45
47) Bromodichloromethane	9.644	83	33389	3.75	ug/l #	25
48) Methyl methacrylate	9.491	41	121810	45.41	ug/l #	23
51) 4-Methyl-2-Pentanone	10.267	43	98649	35.80	ug/l #	82
52) Toluene	10.403	92	104749	6.49	ug/l	98
55) 1,1,2-Trichloroethane	10.773	97	129680	26.56	ug/l #	25
56) Ethyl methacrylate	10.685	69	21373	4.05	ug/l #	1
59) 2-Hexanone	10.950	43	50831	27.47	ug/l #	28
67) Ethyl Benzene	11.744	91	5462708	163.30	ug/l	98
68) m/p-Xylenes	11.855	106	2013783	154.51	ug/l	97
69) o-Xylene	12.179	106	55577	4.60	ug/l	99
73) Isopropylbenzene	12.479	105	416816	12.89	ug/l	99
74) N-amyl acetate	12.267	43	20286	3.76	ug/l #	36
76) 1,2,3-Trichloropropane	12.632	75	227009	57.95	ug/l #	100
78) n-propylbenzene	12.820	91	905596	23.52	ug/l	98

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 Response via : Initial Calibration

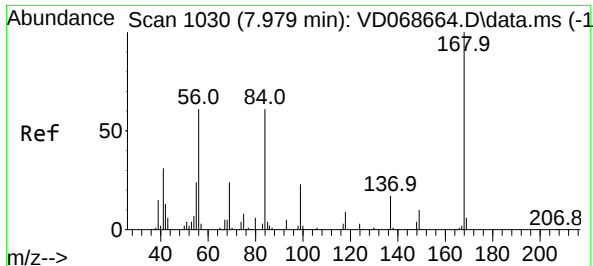
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.914	91	108520	5.16	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.955	105	240614	9.20	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.632	75	227009	131.84	ug/l #	17
82) 4-Chlorotoluene	12.914	91	108520	4.83	ug/l #	40
83) tert-Butylbenzene	13.267	119	275664	12.37	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.267	105	2236677	82.78	ug/l	98
85) sec-Butylbenzene	13.397	105	81397	2.51	ug/l #	54
86) p-Isopropyltoluene	13.514	119	35611	1.21	ug/l	96
89) n-Butylbenzene	13.838	91	41124	1.47	ug/l #	79
90) Hexachloroethane	14.114	117	15631	2.95	ug/l #	14
95) Naphthalene	15.396	128	46540	3.18	ug/l	97

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

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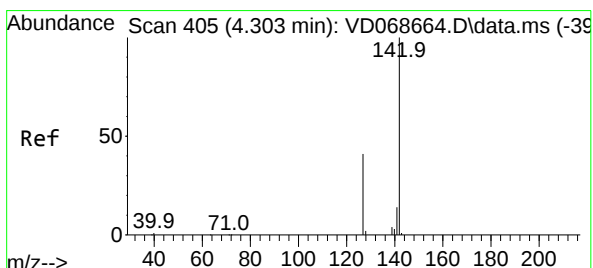
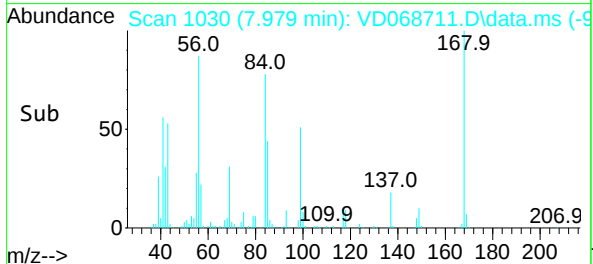
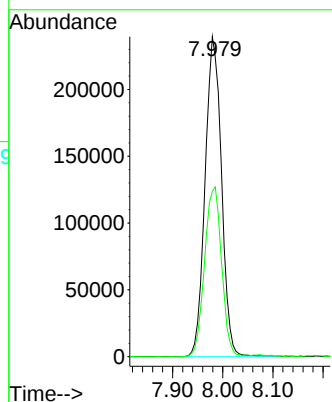
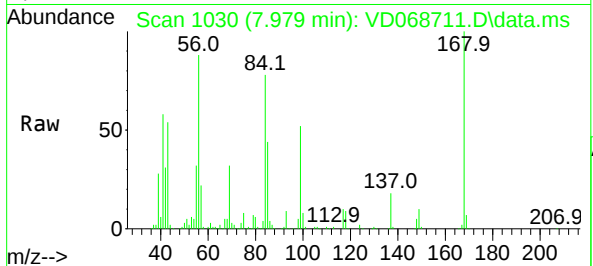




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

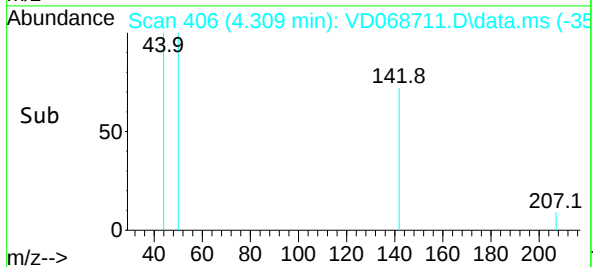
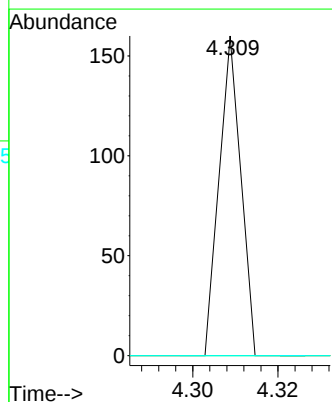
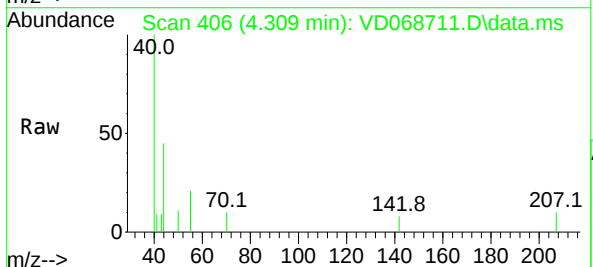
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

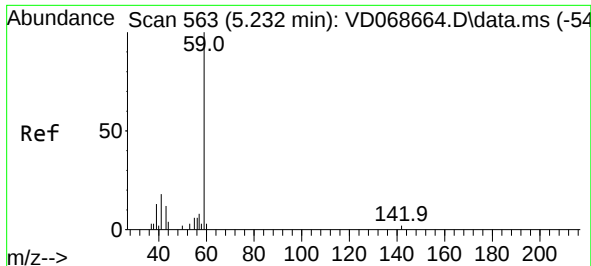
Tgt Ion:168 Resp: 544977
Ion Ratio Lower Upper
168 100
99 51.6 46.2 69.2



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

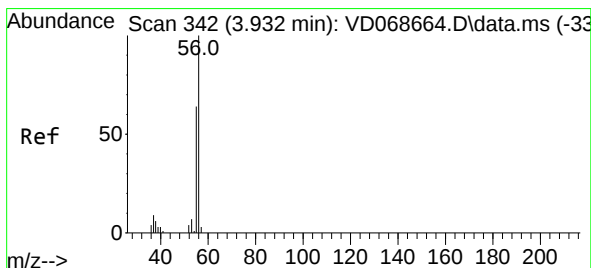
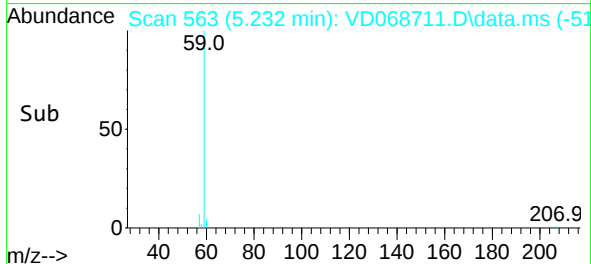
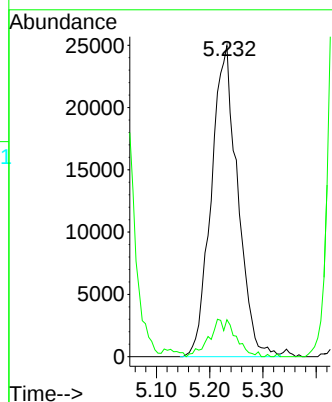
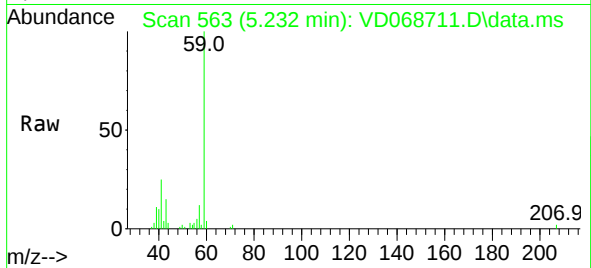




#11
Tert butyl alcohol
Concen: 339.27 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

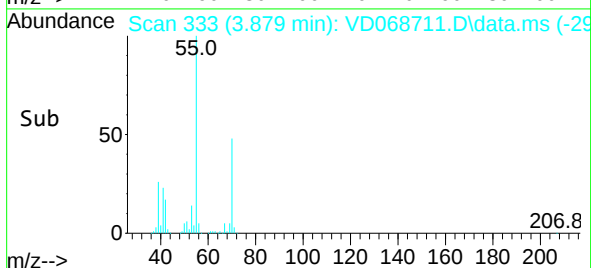
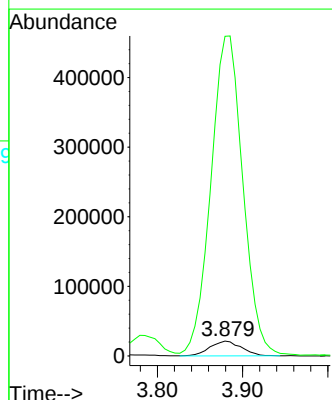
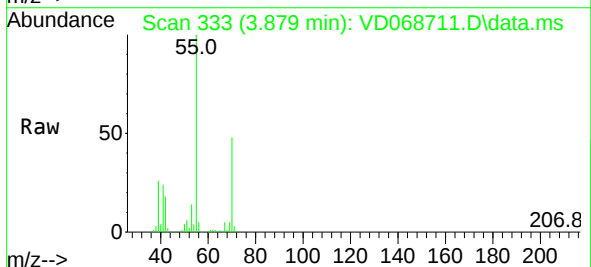
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

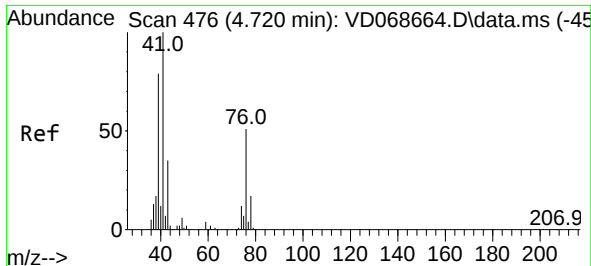
Tgt Ion: 59 Resp: 85911
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 261.52 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.053 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

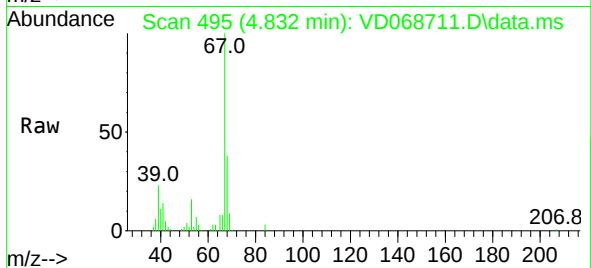
Tgt Ion: 56 Resp: 54687
Ion Ratio Lower Upper
56 100
55 2186.1 54.7 82.1#



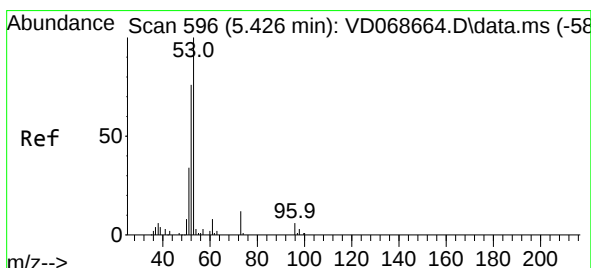
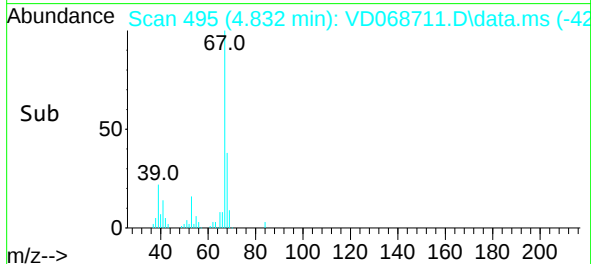
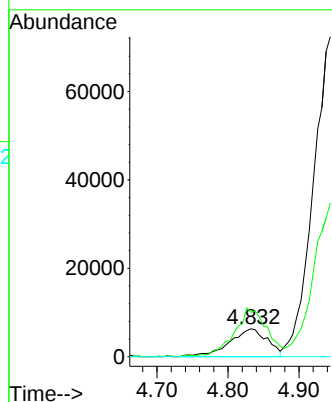


#14
 Allyl chloride
 Concen: 4.46 ug/l
 RT: 4.832 min Scan# 495
 Delta R.T. 0.112 min
 Lab File: VD068711.D
 Acq: 29 Mar 2021 21:18

Instrument :
 MSVOA_D
 ClientSampled :
 B2-0-2

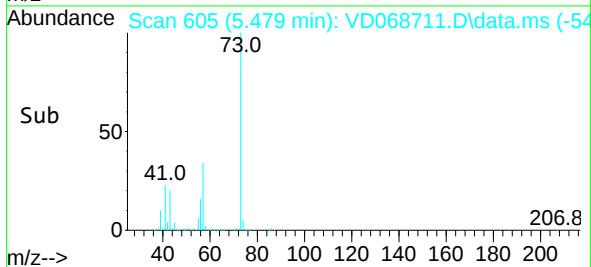
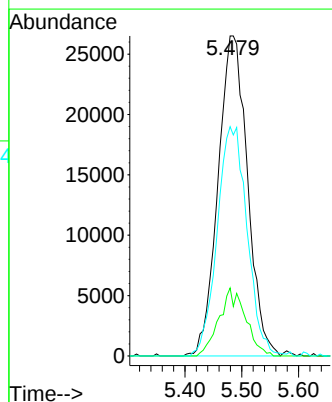
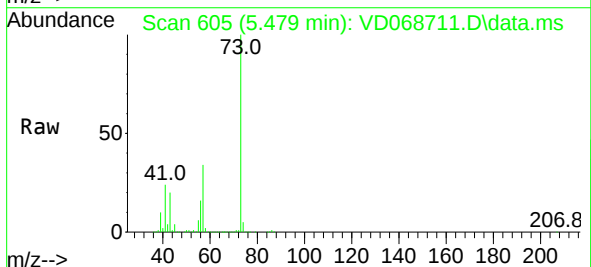


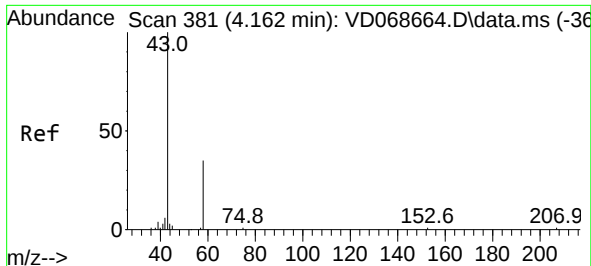
Tgt Ion: 41 Resp: 23347
 Ion Ratio Lower Upper
 41 100
 39 152.6 60.6 91.0#
 76 0.0 40.4 60.6#



#15
 Acrylonitrile
 Concen: 96.00 ug/l
 RT: 5.479 min Scan# 605
 Delta R.T. 0.053 min
 Lab File: VD068711.D
 Acq: 29 Mar 2021 21:18

Tgt Ion: 53 Resp: 95555
 Ion Ratio Lower Upper
 53 100
 52 19.1 63.3 94.9#
 51 73.0 28.3 42.5#

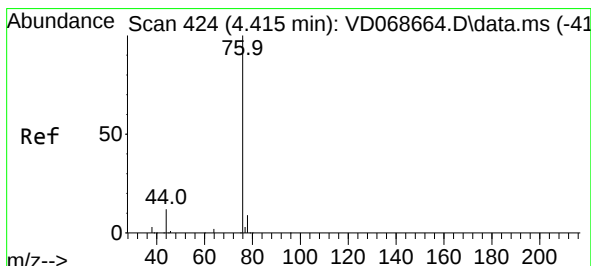
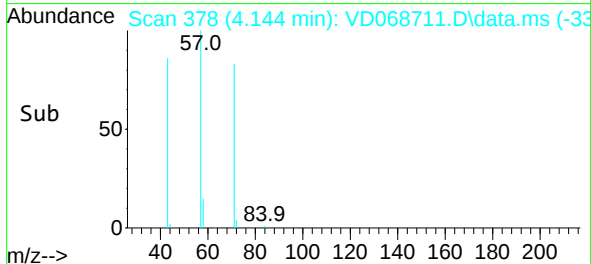
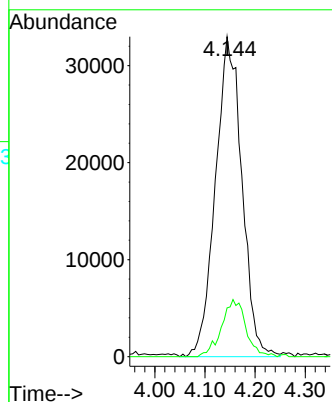
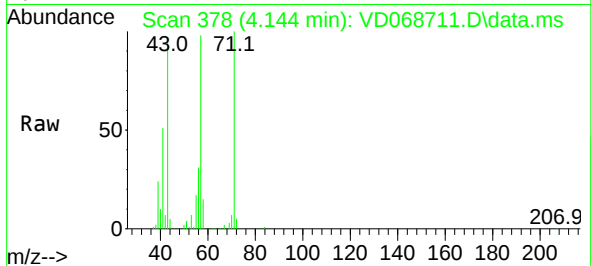




#16
Acetone
Concen: 181.15 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

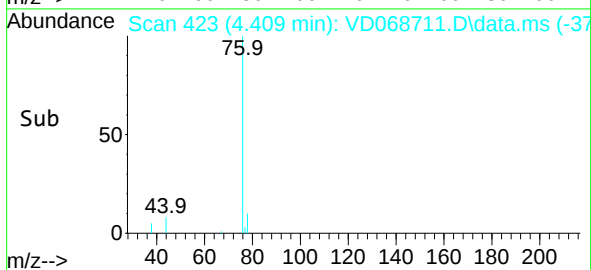
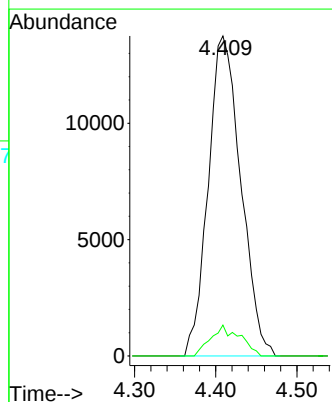
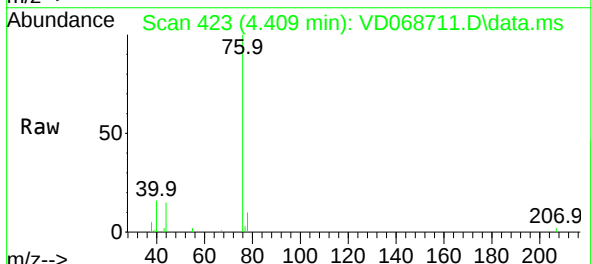
Instrument :
MSVOA_D
ClientSampled :
B2-0-2

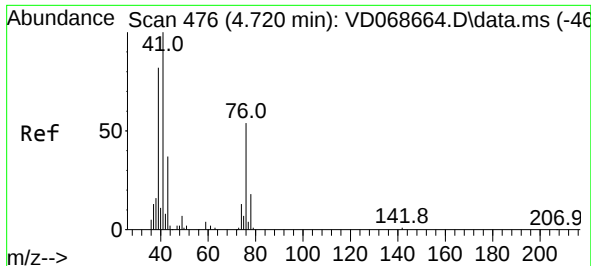
Tgt Ion: 43 Resp: 120774
Ion Ratio Lower Upper
43 100
58 15.2 28.0 42.0#



#17
Carbon Disulfide
Concen: 2.77 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

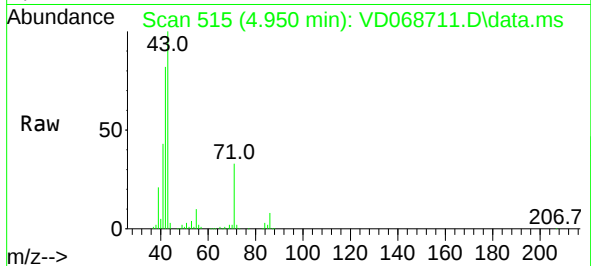
Tgt Ion: 76 Resp: 38327
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



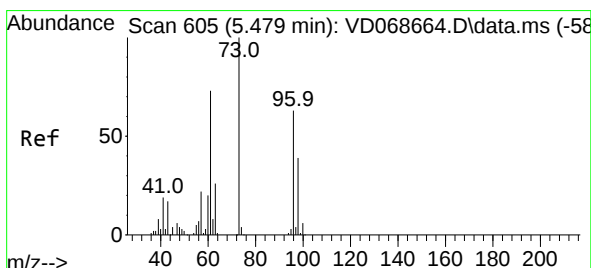
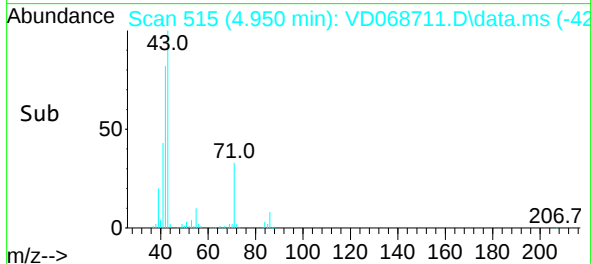
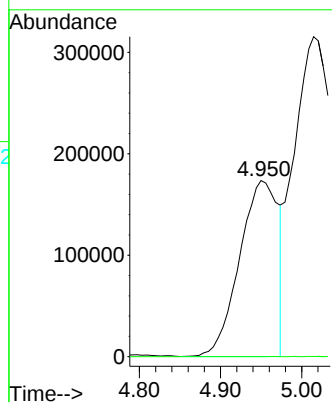


#18
Methyl Acetate
Concen: 313.40 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.229 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

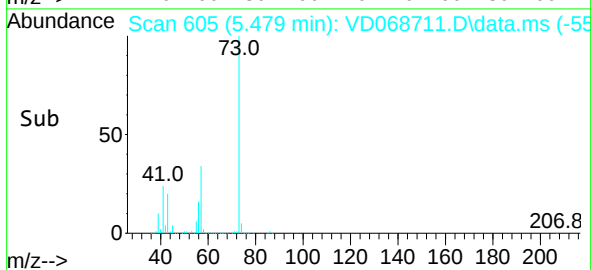
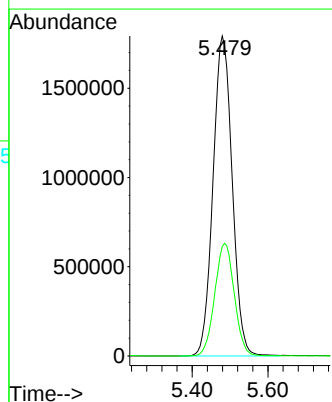
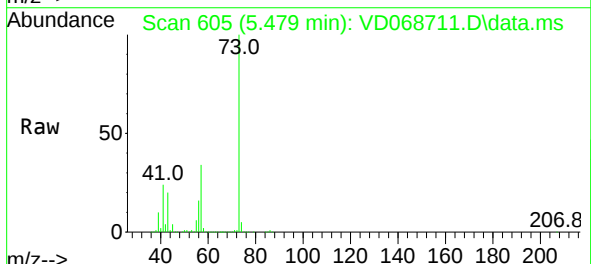


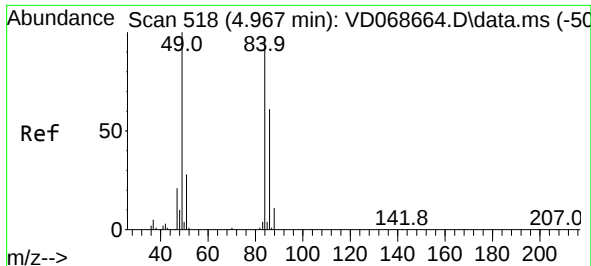
Tgt Ion: 43 Resp: 574359
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#19
Methyl tert-butyl Ether
Concen: 580.73 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

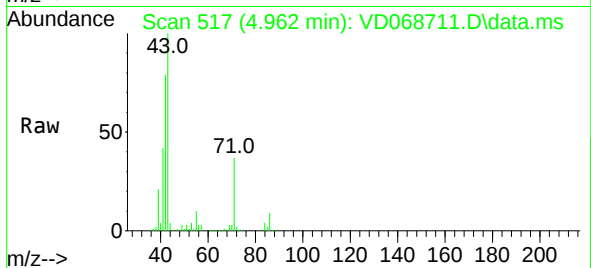
Tgt Ion: 73 Resp: 6300711
Ion Ratio Lower Upper
73 100
57 34.2 17.3 25.9#



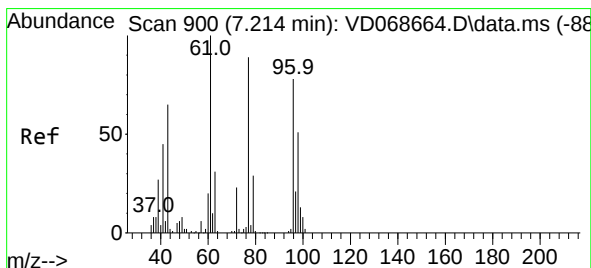
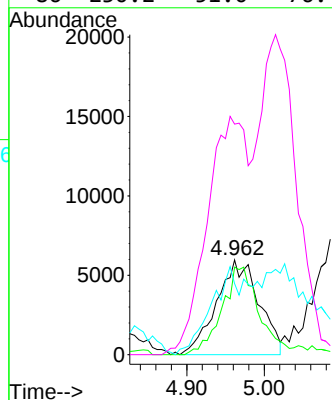
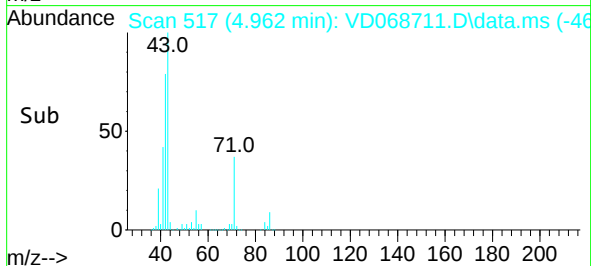


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

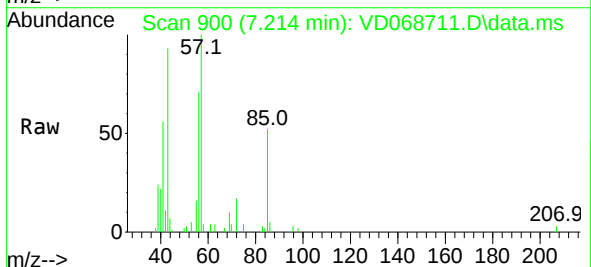
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2



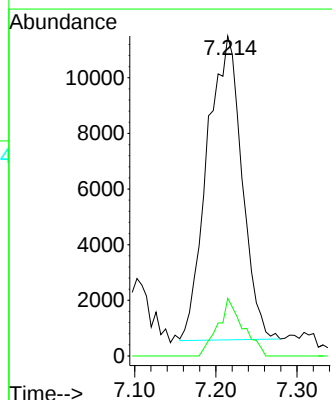
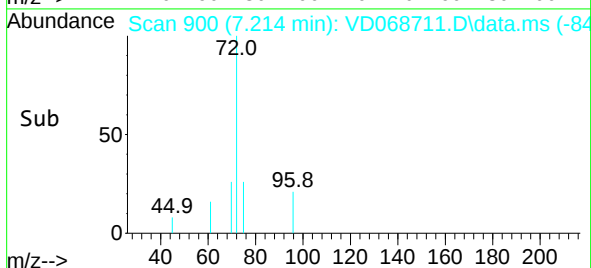
Tgt Ion:	84	Resp:	22726
Ion	Ratio	Lower	Upper
84	100		
49	92.4	83.4	125.0
51	69.2	23.4	35.2#
86	230.2	51.0	76.4#

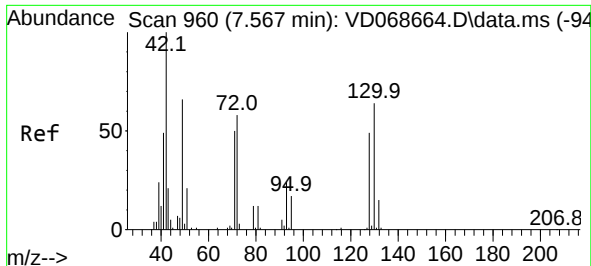


#25
2-Butanone
Concen: 29.42 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18



Tgt Ion:	43	Resp:	32504
Ion	Ratio	Lower	Upper
43	100		
72	19.0	28.6	43.0#





#29

Tetrahydrofuran

Concen: 4.82 ug/l

RT: 7.562 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

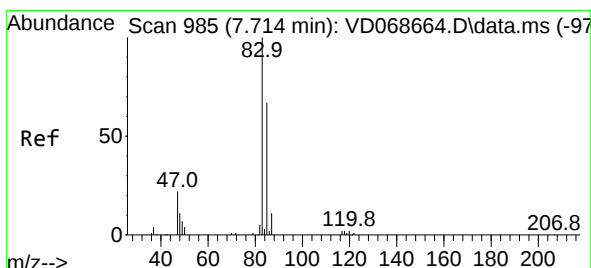
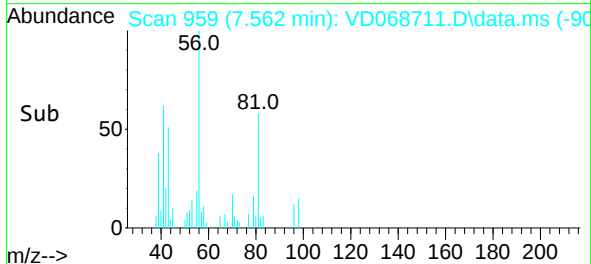
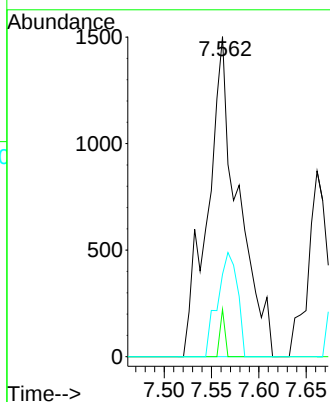
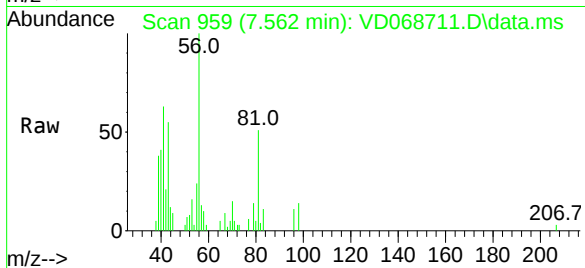
Instrument :

MSVOA_D

ClientSampleId :

B2-0-2

Tgt Ion:	42	Resp:	3369
Ion	Ratio	Lower	Upper
42	100		
72	0.0	45.2	67.8#
71	0.0	40.8	61.2#



#30

Chloroform

Concen: 1.11 ug/l

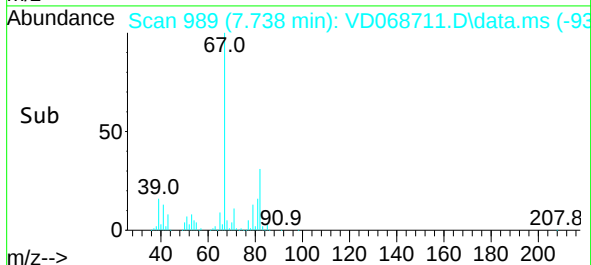
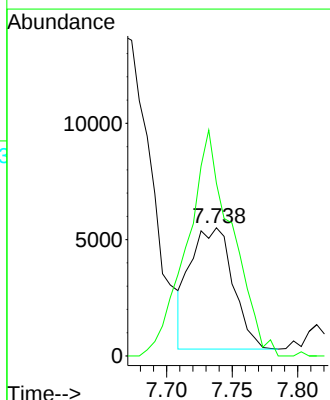
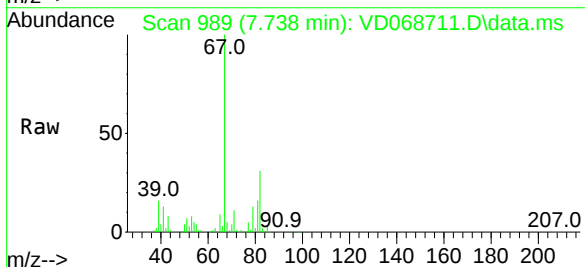
RT: 7.738 min Scan# 989

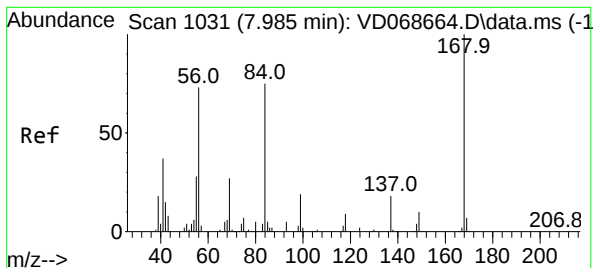
Delta R.T. 0.024 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

Tgt Ion:	83	Resp:	11773
Ion	Ratio	Lower	Upper
83	100		
85	142.4	53.3	79.9#





#31

Cyclohexane

Concen: 76.20 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

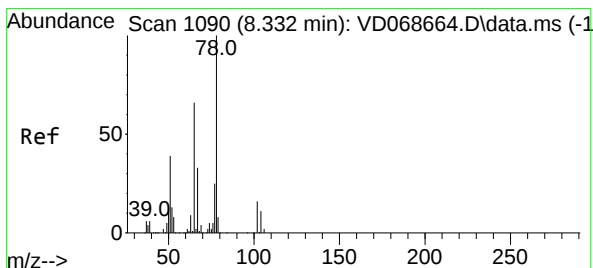
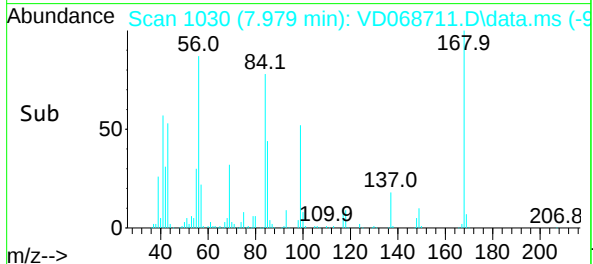
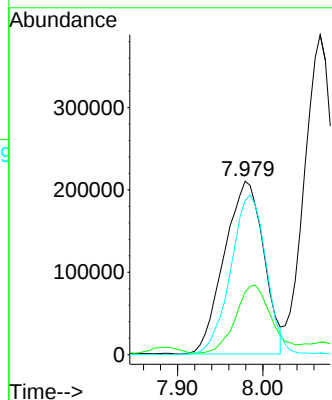
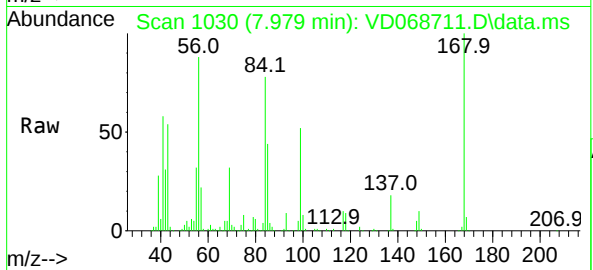
Tgt Ion: 56 Resp: 675655

Ion Ratio Lower Upper

56 100

69 33.5 30.0 45.0

84 89.4 82.0 123.0



#33

1,2-Dichloroethane-d4

Concen: 49.77 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068711.D

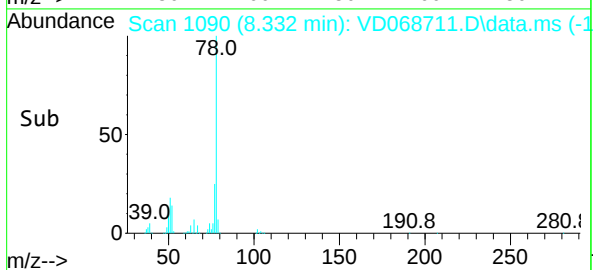
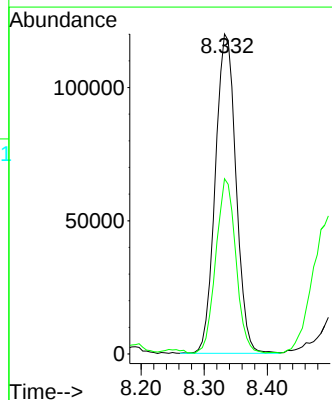
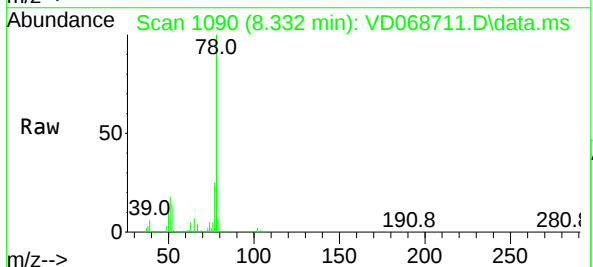
Acq: 29 Mar 2021 21:18

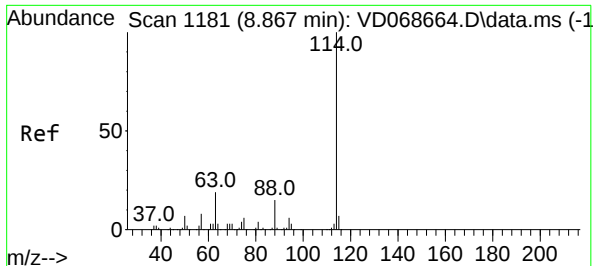
Tgt Ion: 65 Resp: 273479

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.0



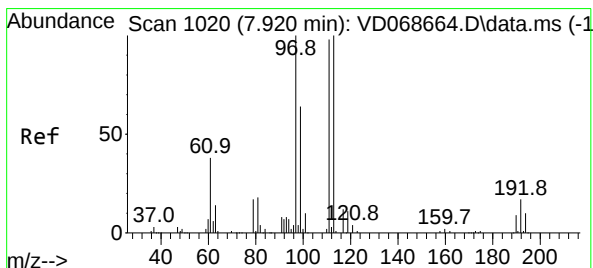
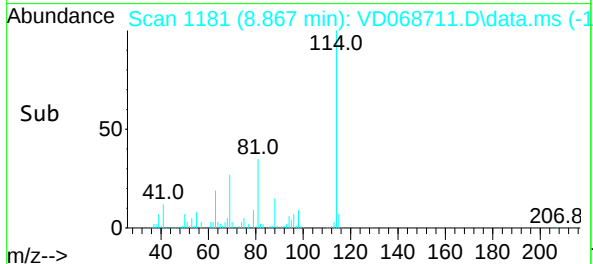
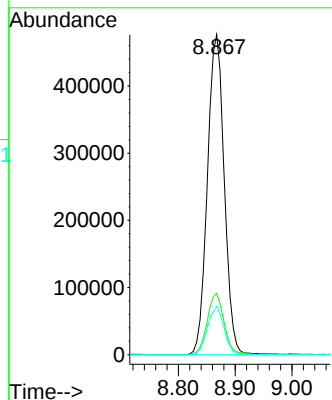
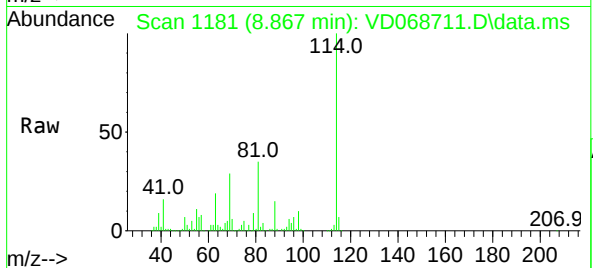


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

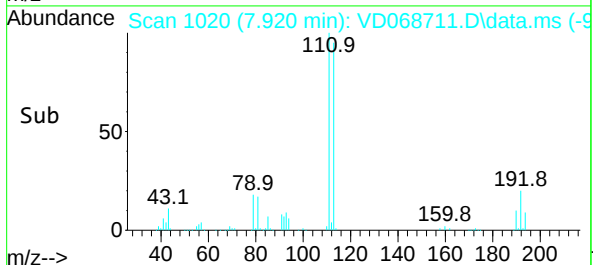
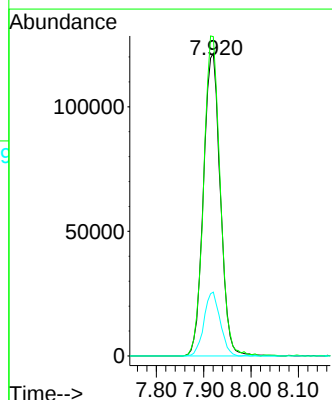
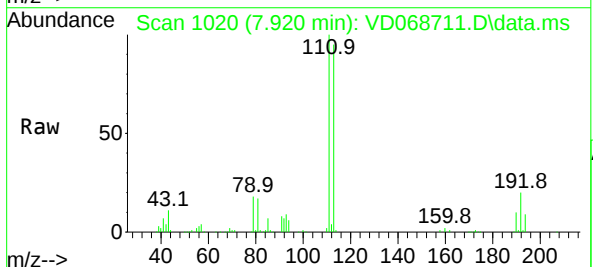
Tgt Ion:114 Resp: 978928
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.2
88 15.1 0.0 29.4

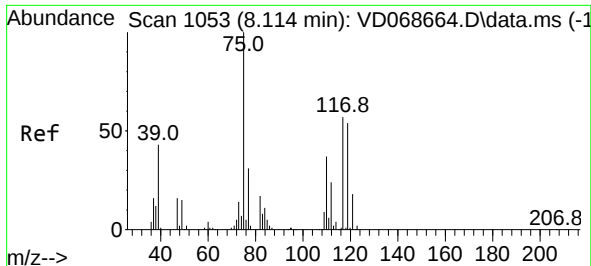


#35

Dibromofluoromethane
Concen: 49.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion:113 Resp: 300548
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 20.2 15.1 22.7

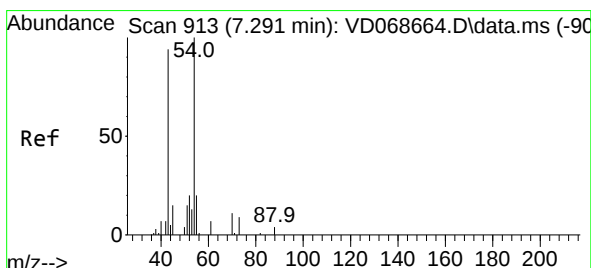
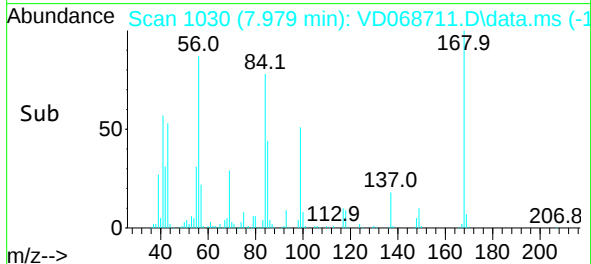
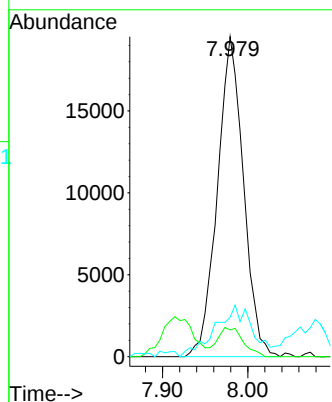
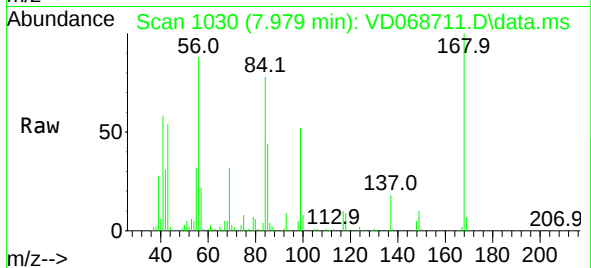




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

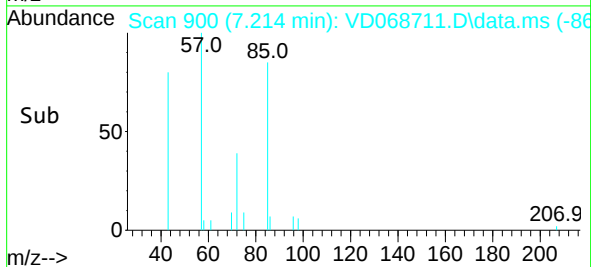
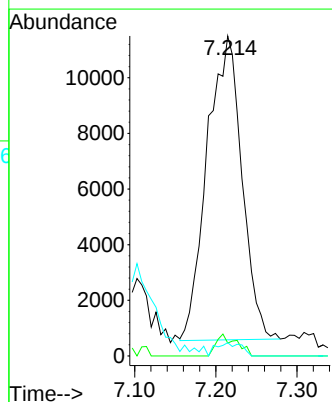
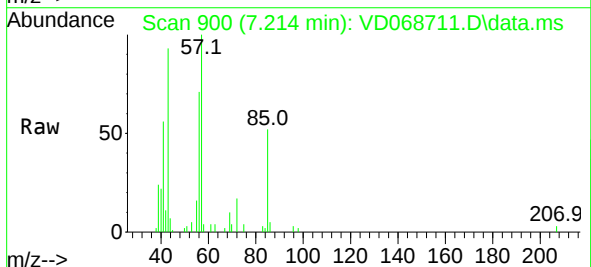
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

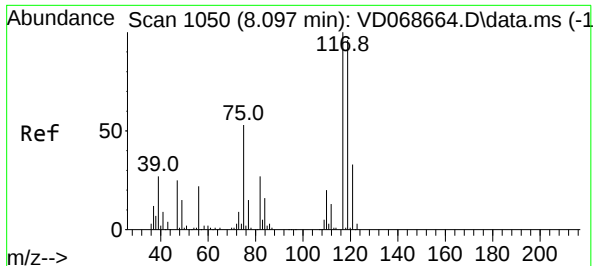
Tgt Ion: 75 Resp: 41533
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 11.78 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.076 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 43 Resp: 32515
Ion Ratio Lower Upper
43 100
61 4.2 14.2 21.4#
70 3.1 9.4 14.0#

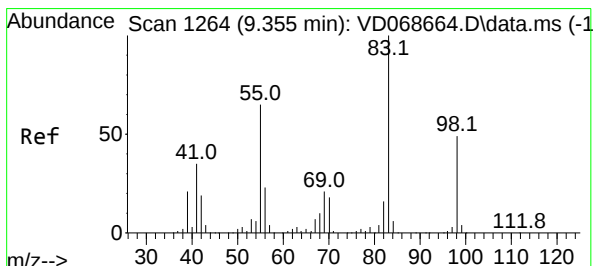
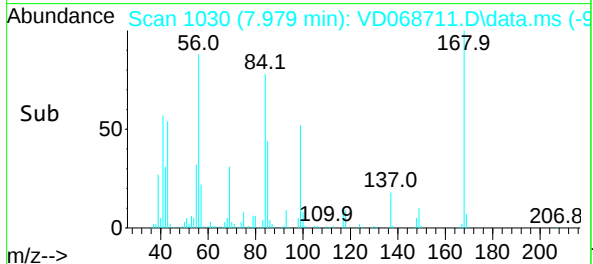
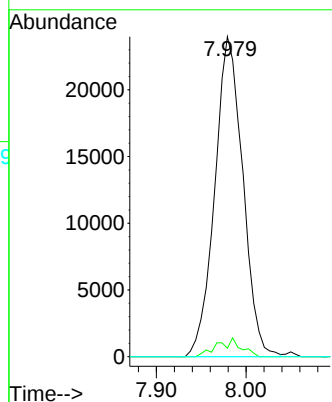
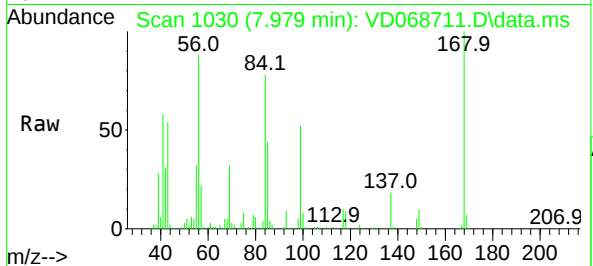




#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

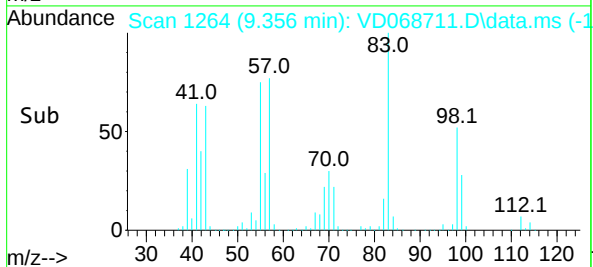
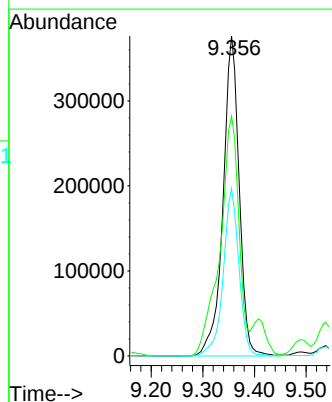
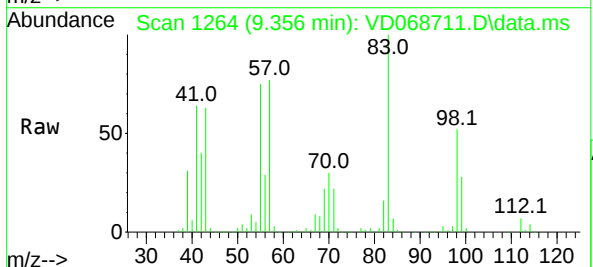
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

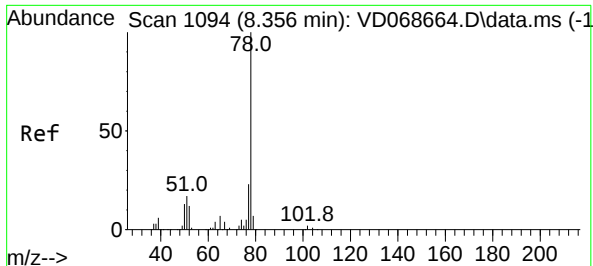
Tgt Ion:117 Resp: 52038
Ion Ratio Lower Upper
117 100
119 2.7 76.6 115.0#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 75.62 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 83 Resp: 816053
Ion Ratio Lower Upper
83 100
55 74.8 51.7 77.5
98 52.3 38.8 58.2

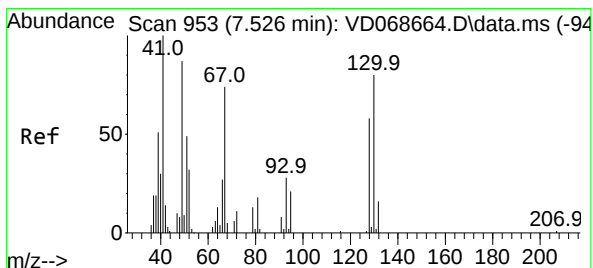
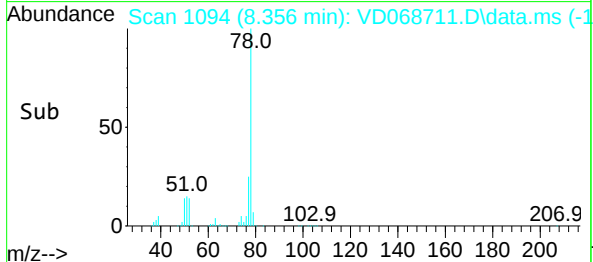
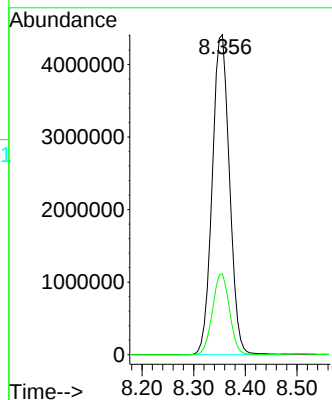
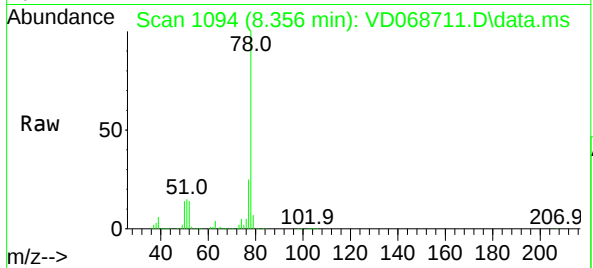




#40
Benzene
Concen: 401.10 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

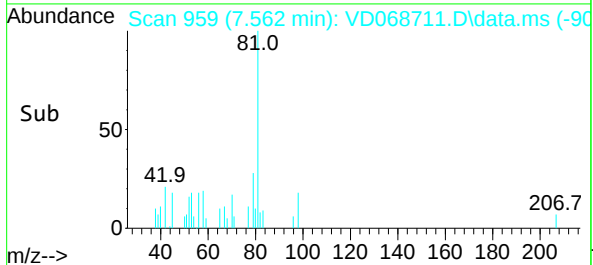
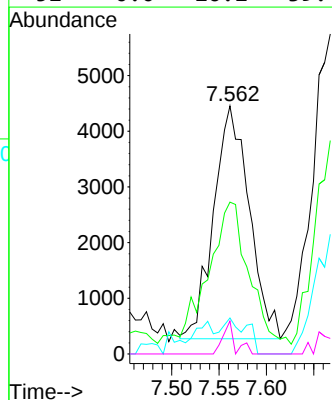
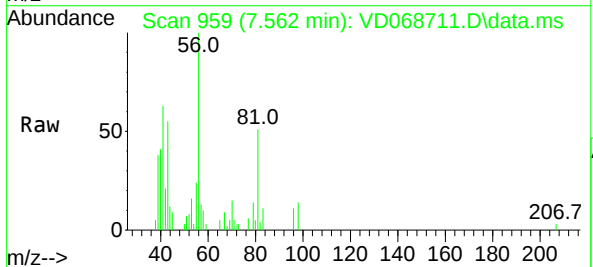
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

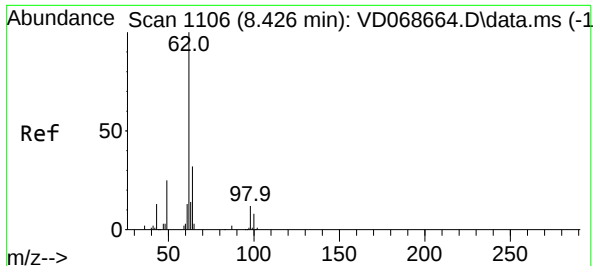
Tgt Ion: 78 Resp:10232249
Ion Ratio Lower Upper
78 100
77 25.3 18.2 27.2



#41
Methacrylonitrile
Concen: 6.76 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.035 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 41 Resp: 10920
Ion Ratio Lower Upper
41 100
39 71.1 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 12.57 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.076 min

Lab File: VD068711.D

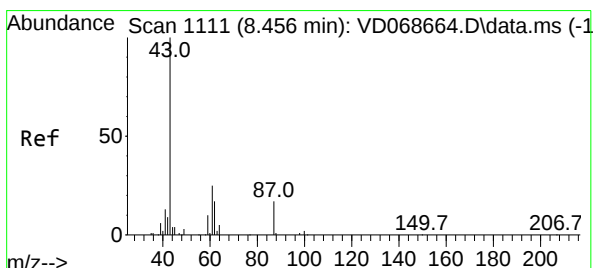
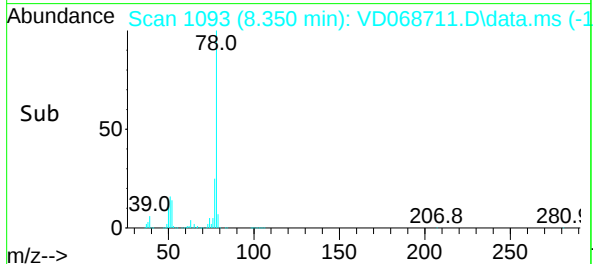
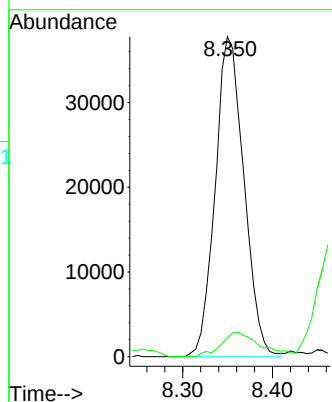
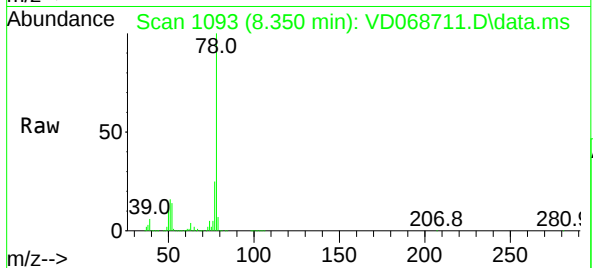
Acq: 29 Mar 2021 21:18

Tgt Ion: 62 Resp: 83881

Ion Ratio Lower Upper

62 100

98 10.4 0.0 22.6



#43

Isopropyl Acetate

Concen: 298.40 ug/l

RT: 8.509 min Scan# 1120

Delta R.T. 0.053 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

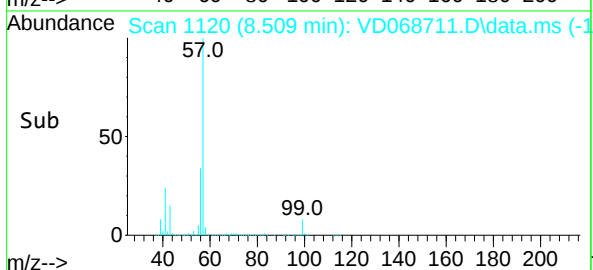
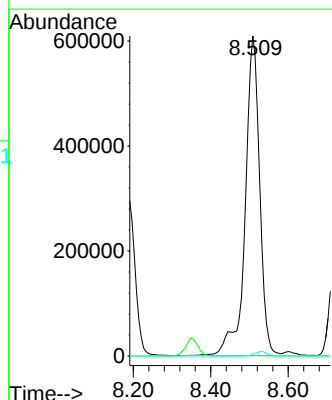
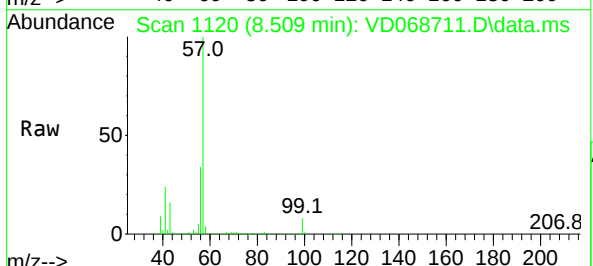
Tgt Ion: 43 Resp: 1579343

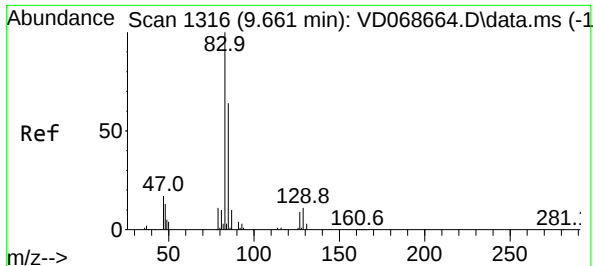
Ion Ratio Lower Upper

43 100

61 0.0 29.5 44.3#

87 0.0 13.5 20.3#





#47

Bromodichloromethane

Concen: 3.75 ug/l

RT: 9.644 min Scan# 1313

Delta R.T. -0.018 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

Tgt Ion: 83 Resp: 33389

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#

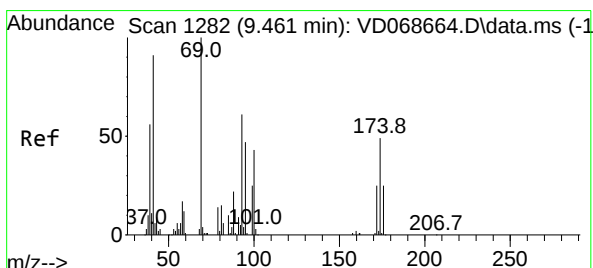
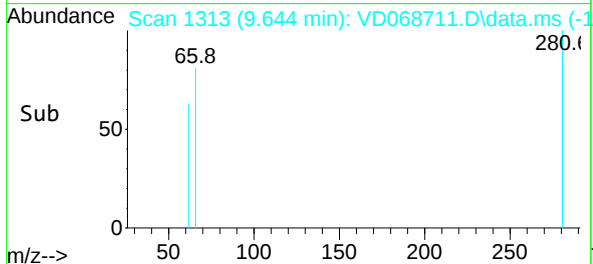
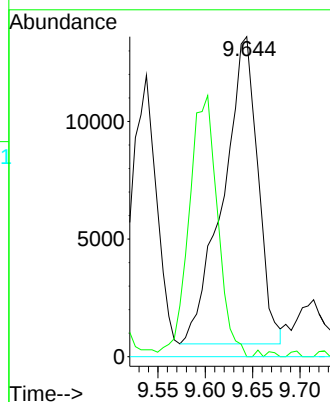
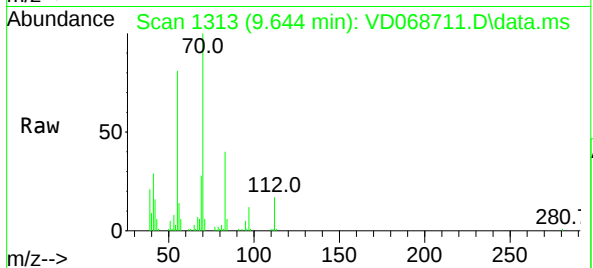
127 0.0 7.1 10.7#

Instrument :

MSVOA_D

ClientSampleId :

B2-0-2



#48

Methyl methacrylate

Concen: 45.41 ug/l

RT: 9.491 min Scan# 1287

Delta R.T. 0.029 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

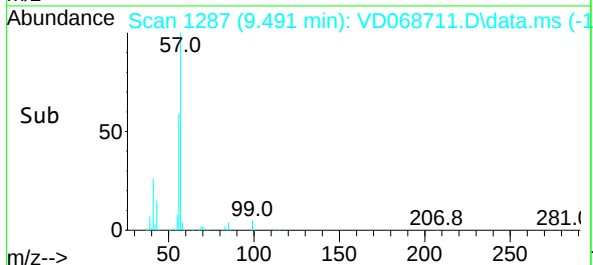
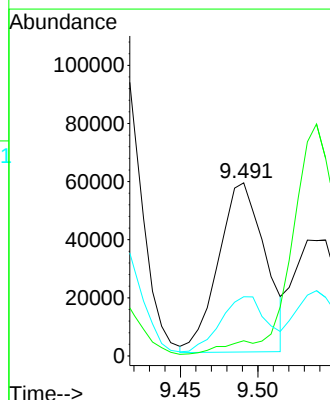
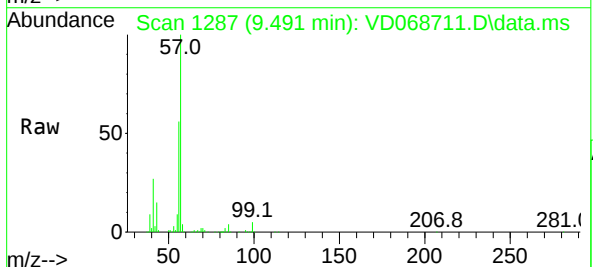
Tgt Ion: 41 Resp: 121810

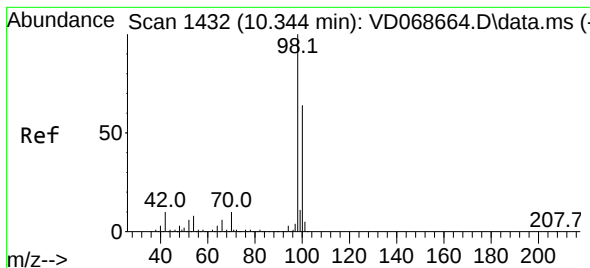
Ion Ratio Lower Upper

41 100

69 0.0 83.0 124.6#

39 34.3 47.0 70.6#

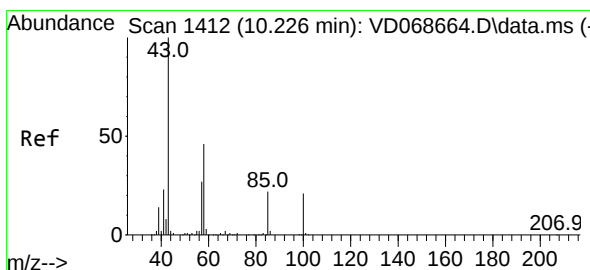
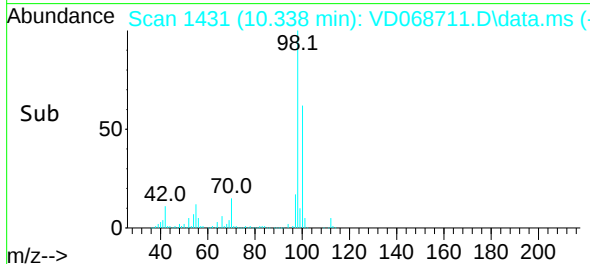
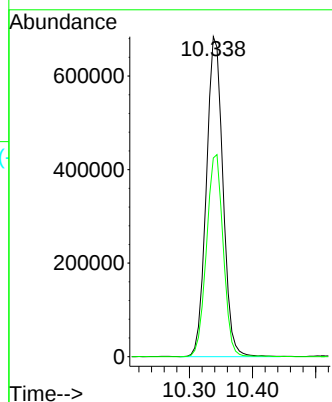
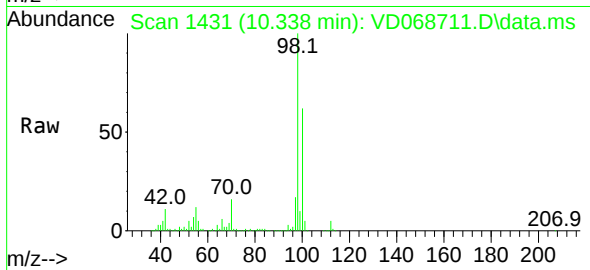




#50
Toluene-d8
Concen: 53.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

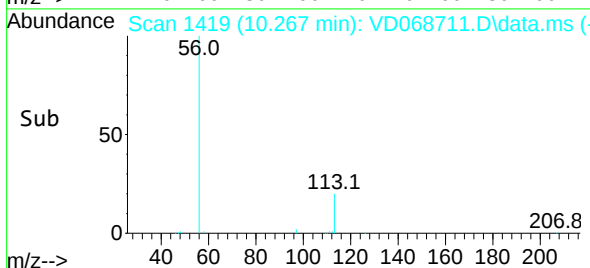
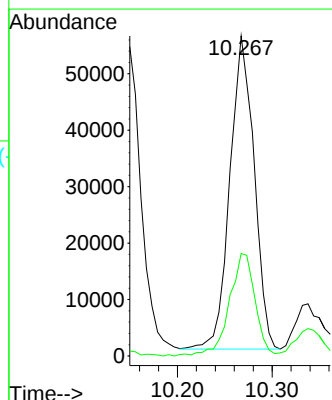
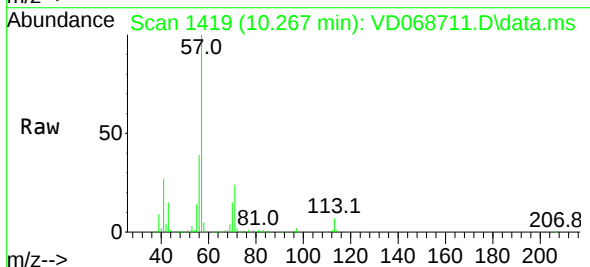
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

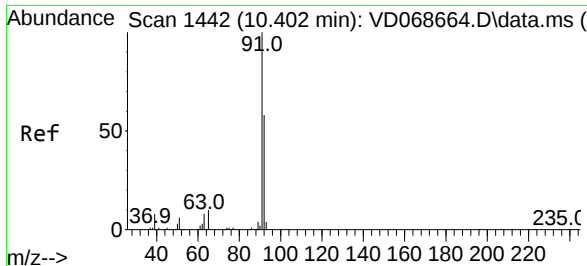
Tgt Ion: 98 Resp: 1245951
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 35.80 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 43 Resp: 98649
Ion Ratio Lower Upper
43 100
58 34.8 37.3 55.9#

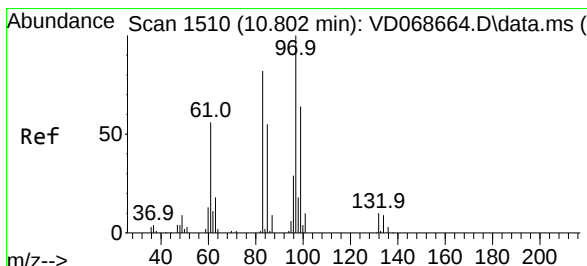
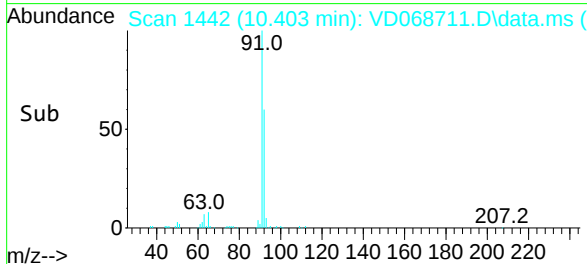
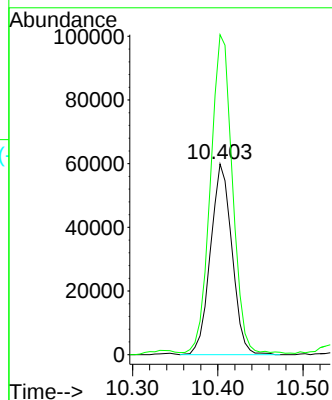
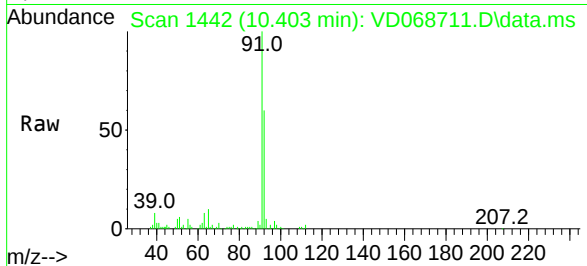




#52
Toluene
Concen: 6.49 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

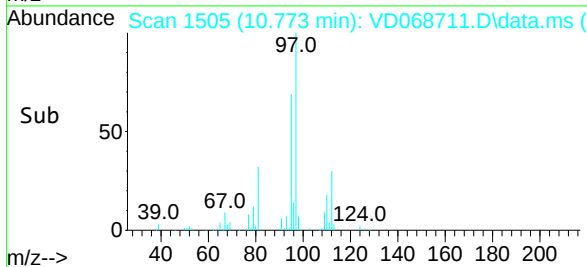
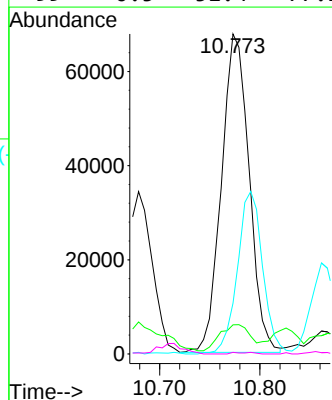
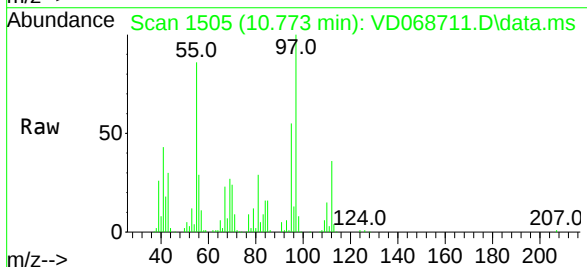
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

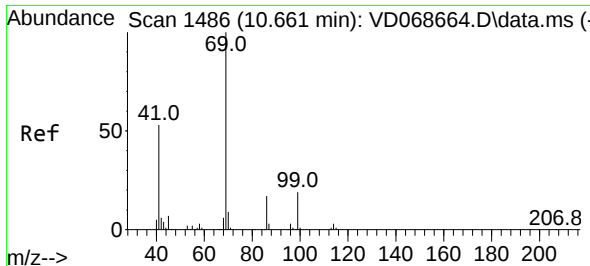
Tgt Ion: 92 Resp: 104749
Ion Ratio Lower Upper
92 100
91 171.2 139.1 208.7



#55
1,1,2-Trichloroethane
Concen: 26.56 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.029 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 97 Resp: 129680
Ion Ratio Lower Upper
97 100
83 6.6 65.7 98.5#
85 15.7 44.3 66.5#
99 0.5 51.4 77.2#

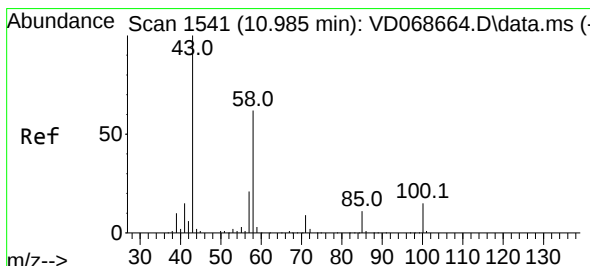
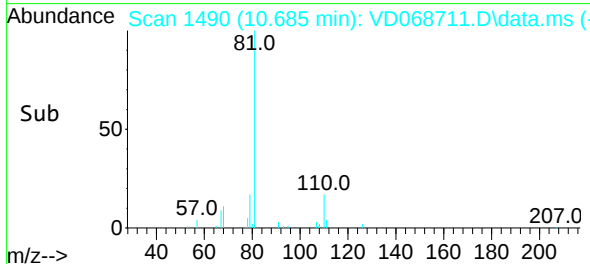
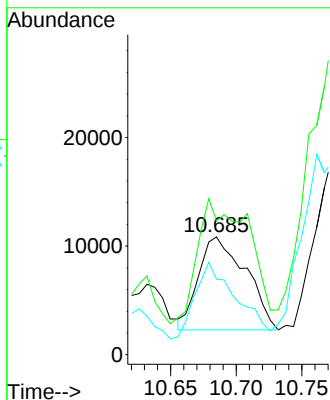
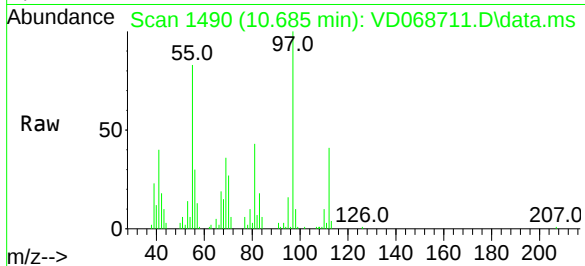




#56
Ethyl methacrylate
Concen: 4.05 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

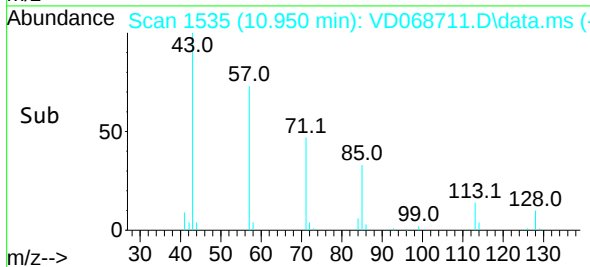
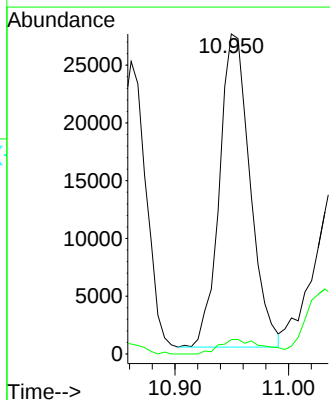
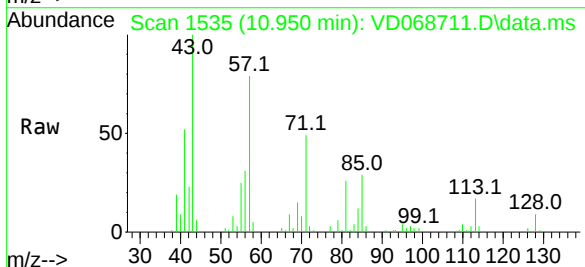
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

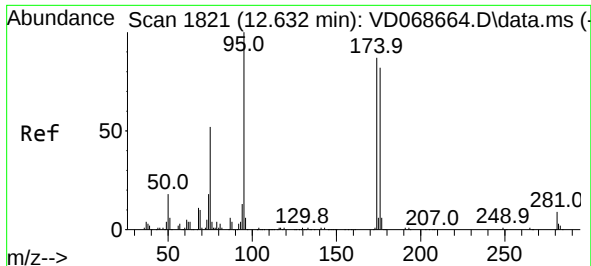
Tgt Ion: 69 Resp: 21373
Ion Ratio Lower Upper
69 100
41 164.9 42.2 63.4#
39 72.3 24.2 36.2#



#59
2-Hexanone
Concen: 27.47 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 43 Resp: 50831
Ion Ratio Lower Upper
43 100
58 6.7 31.3 93.8#

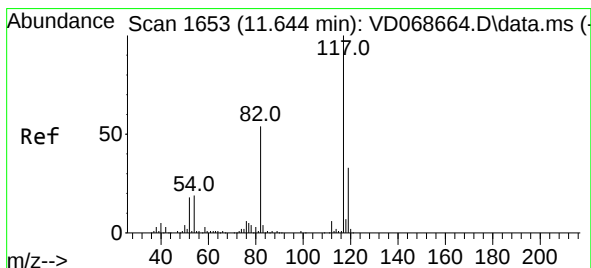
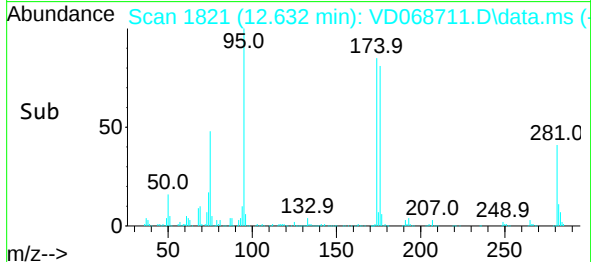
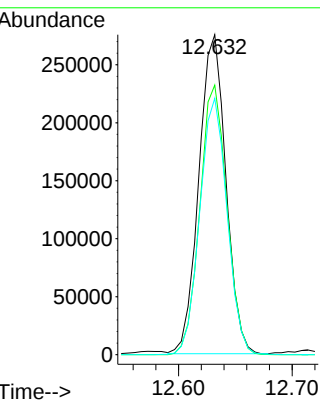
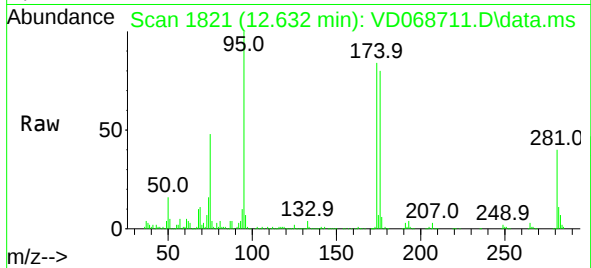




#62
4-Bromofluorobenzene
Concen: 59.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

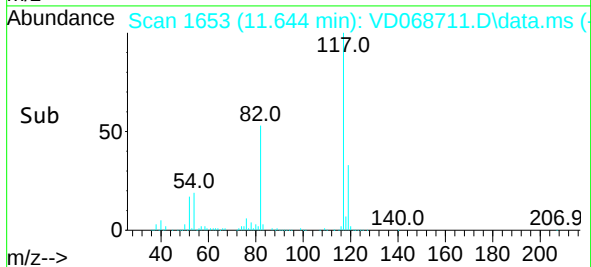
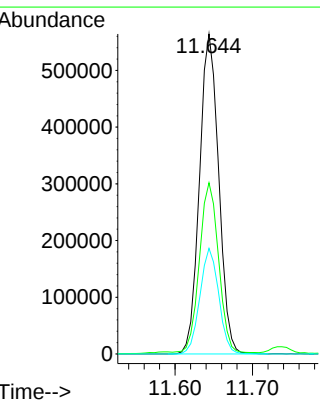
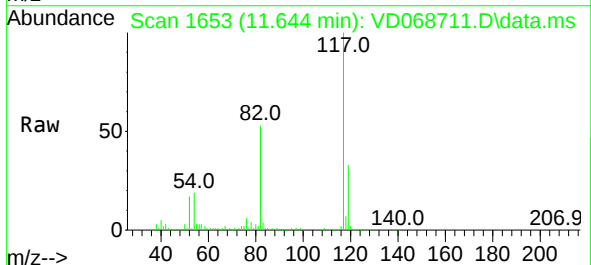
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

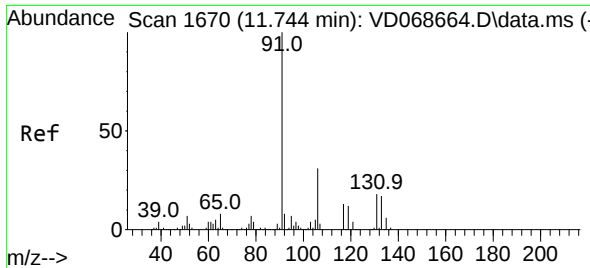
Tgt Ion: 95 Resp: 454802
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.0
176 81.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 117 Resp: 974352
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 33.0 26.7 40.1

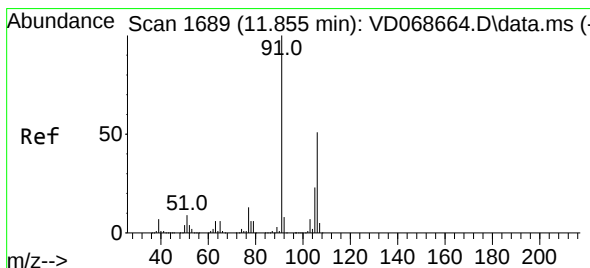
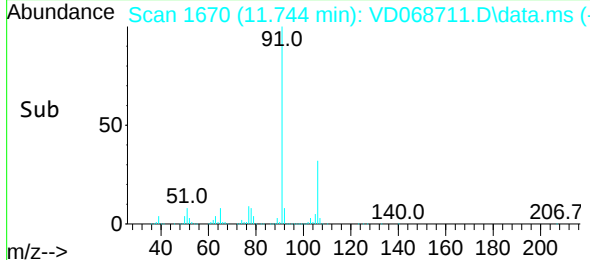
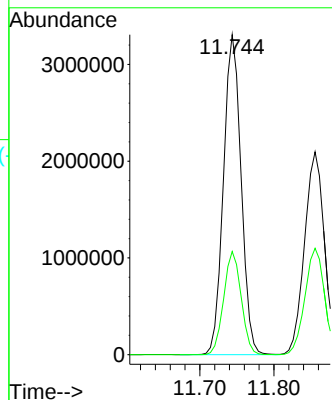
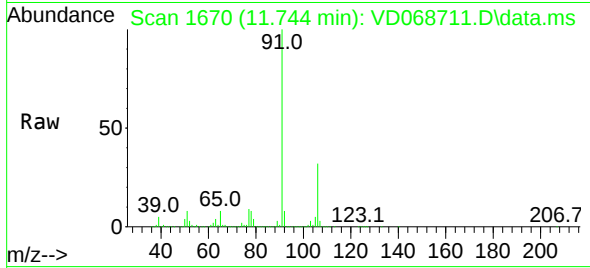




#67
Ethyl Benzene
Concen: 163.30 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

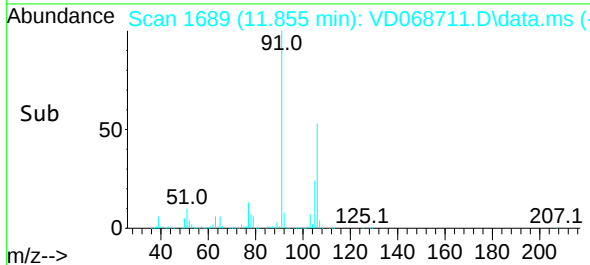
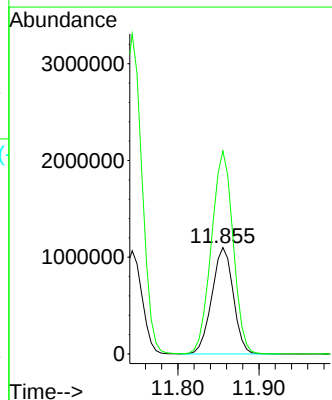
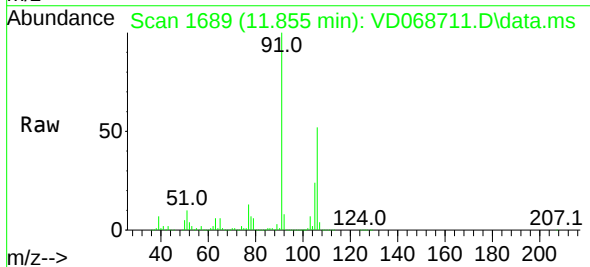
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

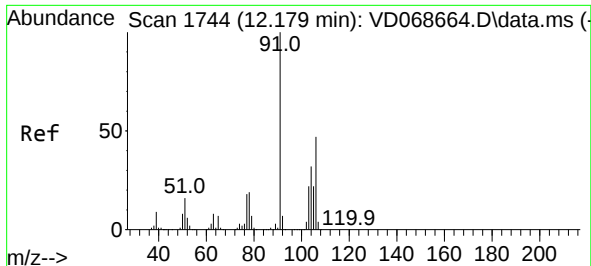
Tgt Ion: 91 Resp: 5462708
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 154.51 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion:106 Resp: 2013783
Ion Ratio Lower Upper
106 100
91 193.3 158.6 238.0

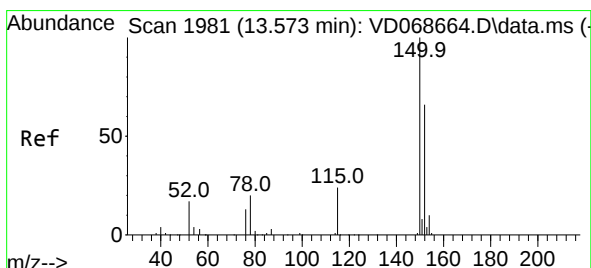
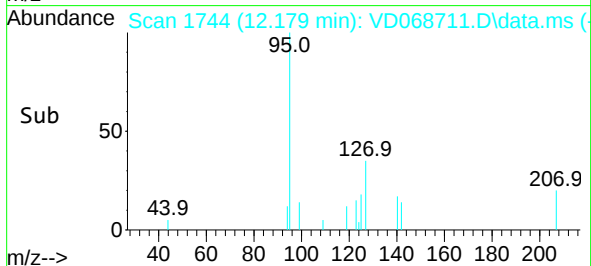
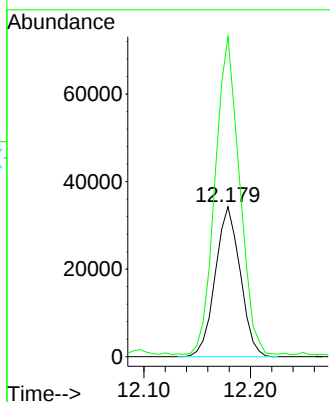
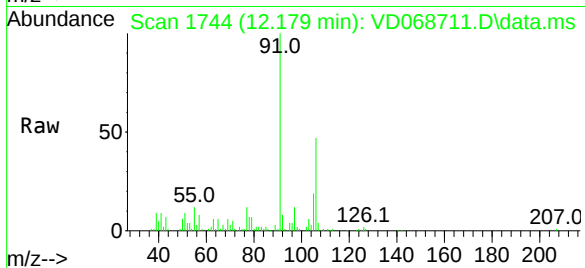




#69
o-Xylene
Concen: 4.60 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

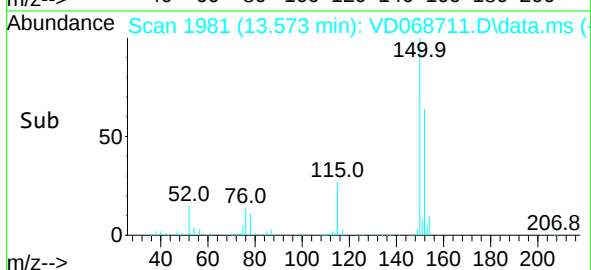
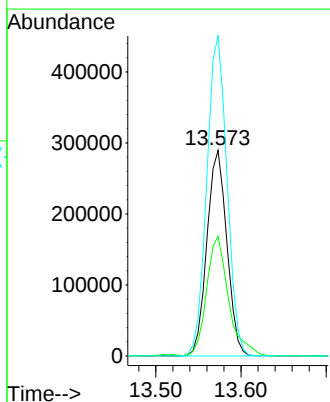
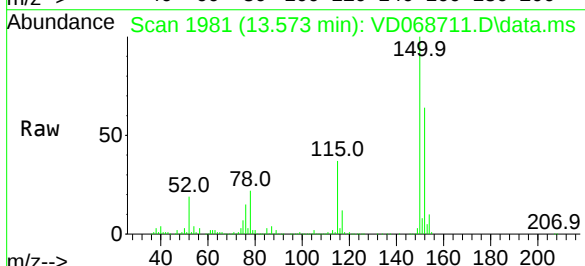
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

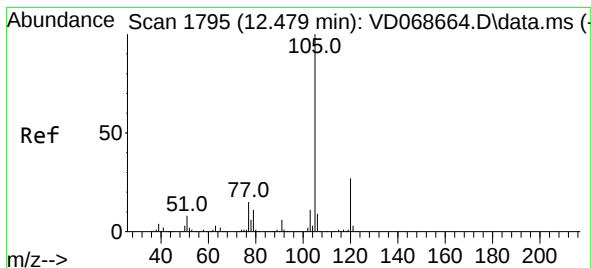
Tgt Ion:106 Resp: 55577
Ion Ratio Lower Upper
106 100
91 208.4 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion:152 Resp: 470681
Ion Ratio Lower Upper
152 100
115 64.0 29.3 87.8
150 157.6 0.0 347.6





#73

Isopropylbenzene

Concen: 12.89 ug/l

RT: 12.479 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

Instrument :

MSVOA_D

ClientSampleId :

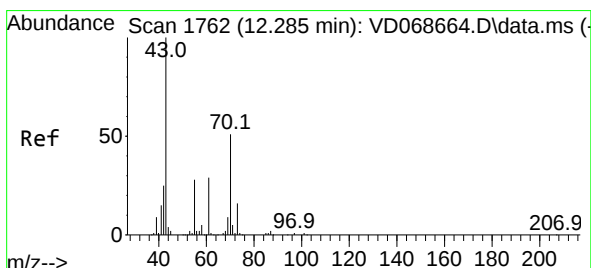
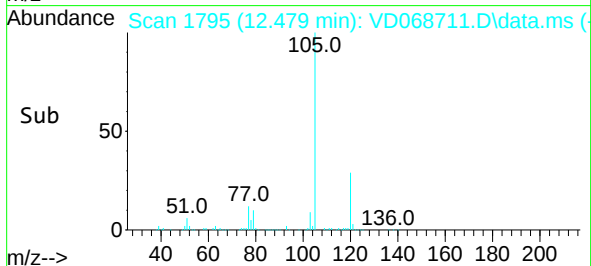
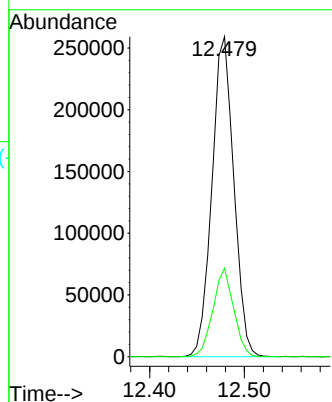
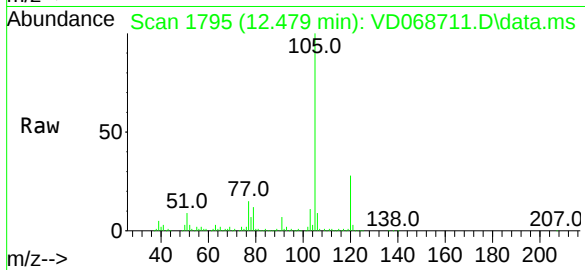
B2-0-2

Tgt Ion:105 Resp: 416816

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.2



#74

N-ethyl acetate

Concen: 3.76 ug/l

RT: 12.267 min Scan# 1759

Delta R.T. -0.018 min

Lab File: VD068711.D

Acq: 29 Mar 2021 21:18

Tgt Ion: 43 Resp: 20286

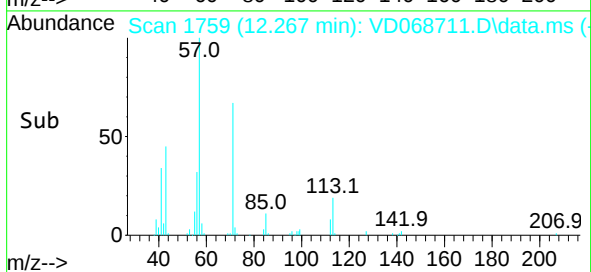
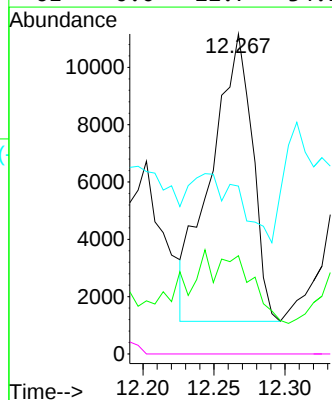
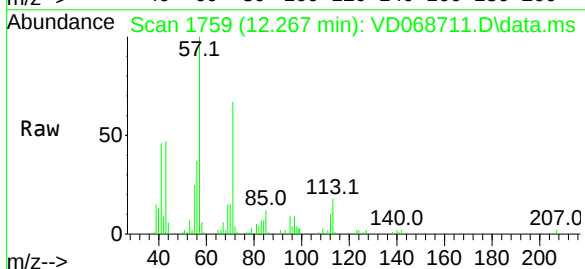
Ion Ratio Lower Upper

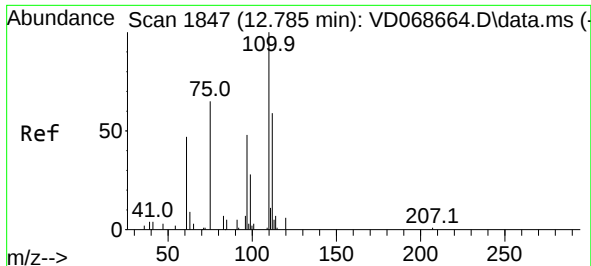
43 100

70 0.0 41.9 62.9#

55 0.0 22.8 34.2#

61 0.0 22.7 34.1#

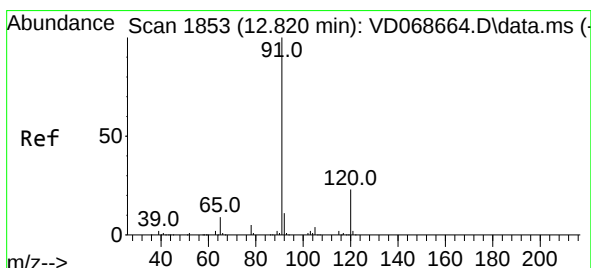
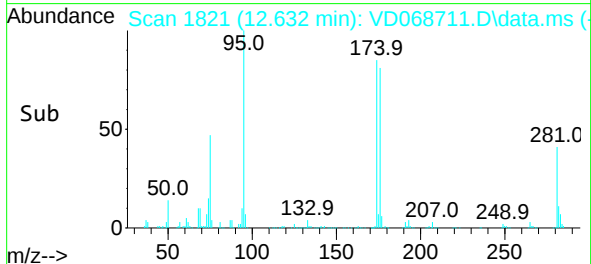
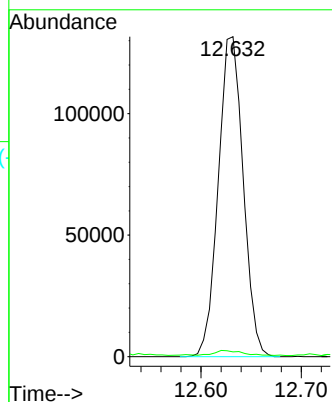
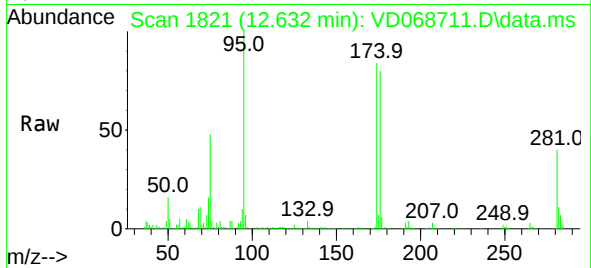




#76
1,2,3-Trichloropropane
Concen: 57.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

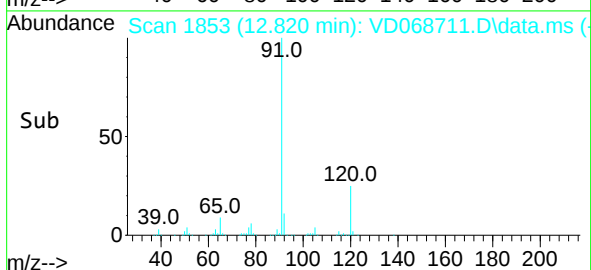
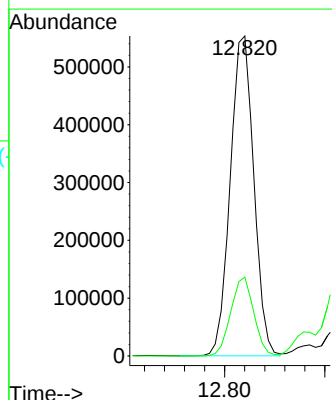
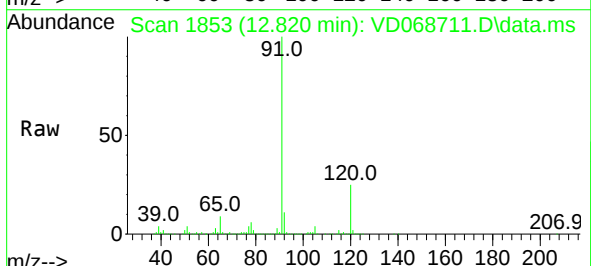
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

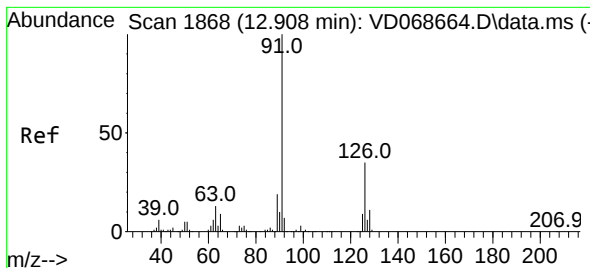
Tgt Ion: 75 Resp: 227009
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#78
n-propylbenzene
Concen: 23.52 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 91 Resp: 905596
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2

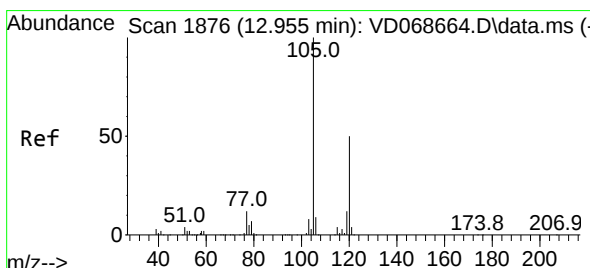
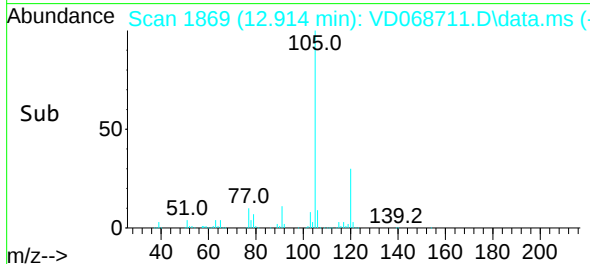
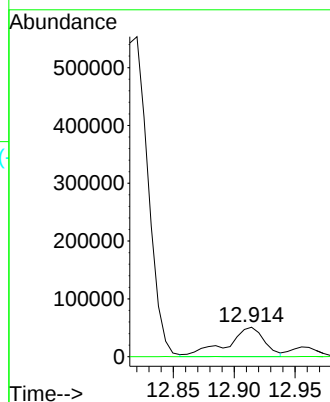
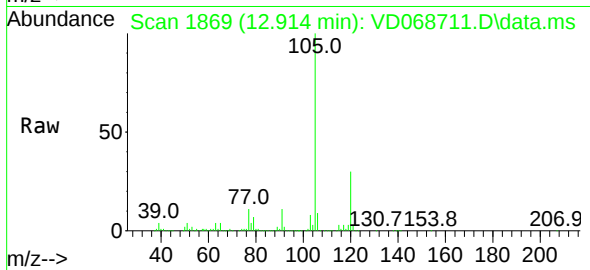




#79
2-Chlorotoluene
Concen: 5.16 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

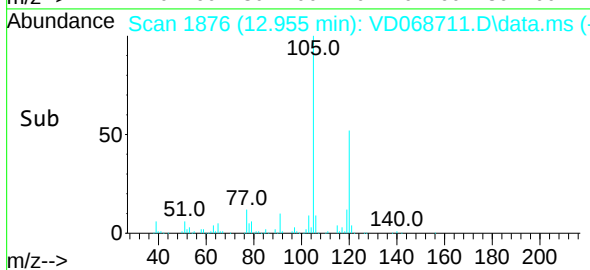
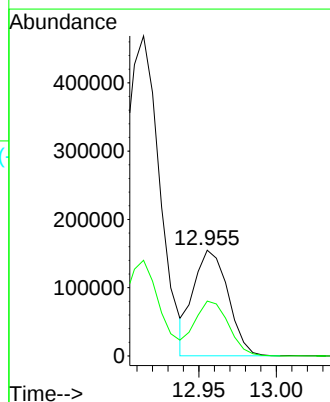
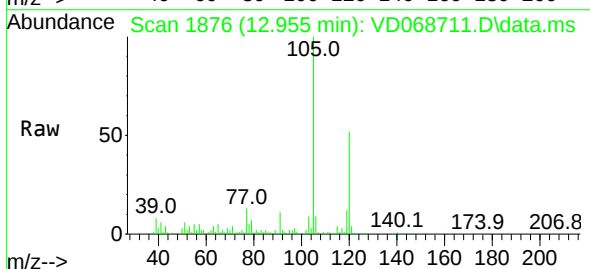
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

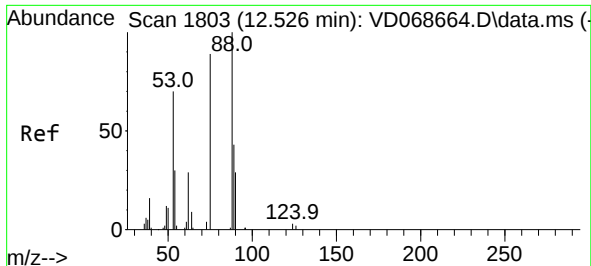
Tgt Ion: 91 Resp: 108520
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.3#



#80
1,3,5-Trimethylbenzene
Concen: 9.20 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 105 Resp: 240614
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.7

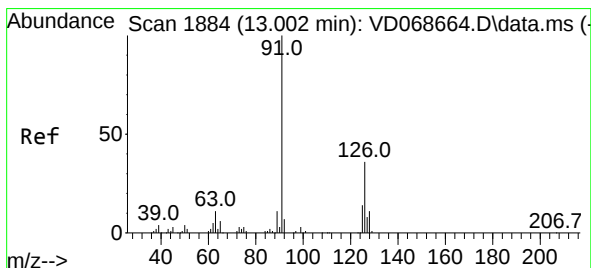
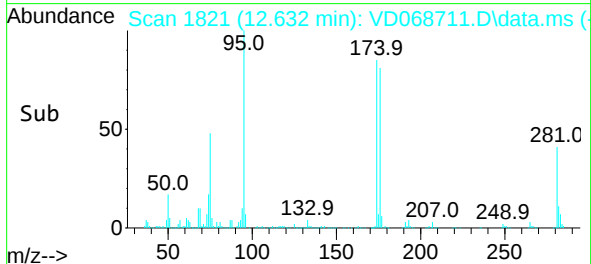
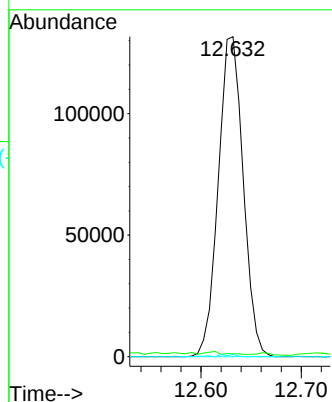
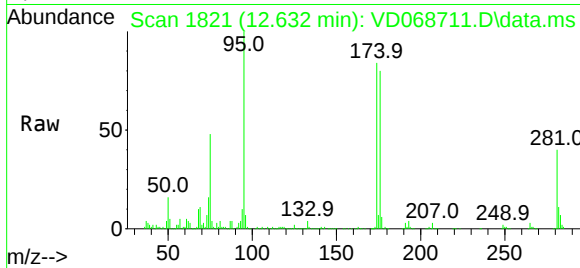




#81
trans-1,4-Dichloro-2-butene
Concen: 131.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

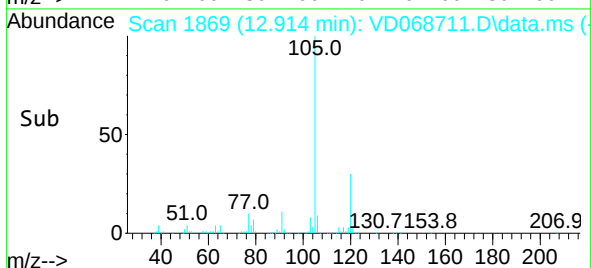
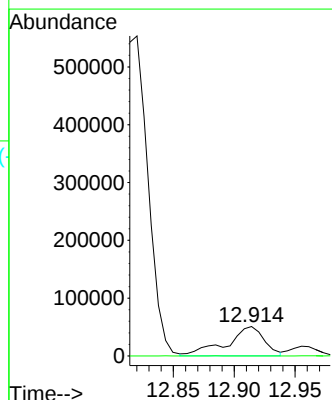
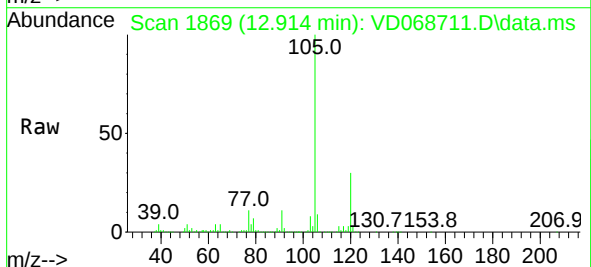
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

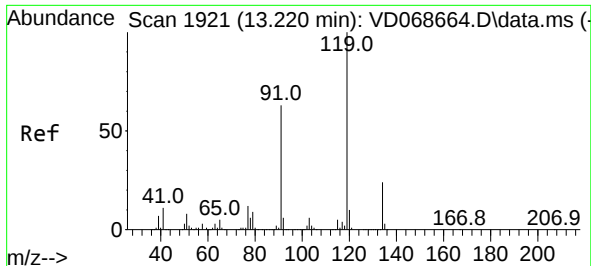
Tgt Ion: 75 Resp: 227009
Ion Ratio Lower Upper
75 100
53 1.0 66.8 100.2#
89 0.5 36.6 54.8#



#82
4-Chlorotoluene
Concen: 4.83 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. -0.088 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 91 Resp: 108520
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#

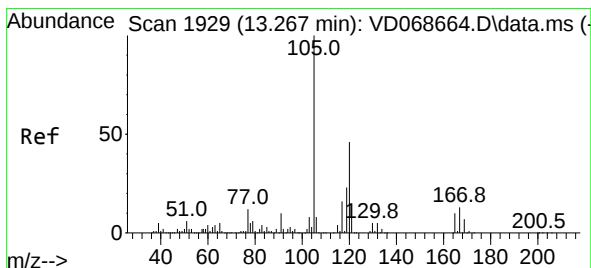
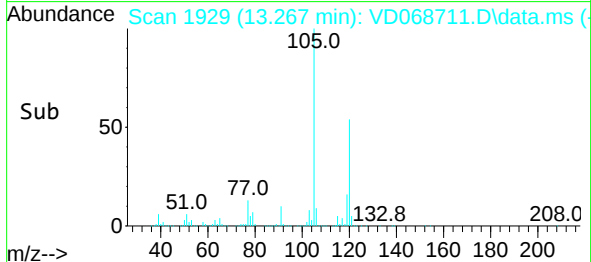
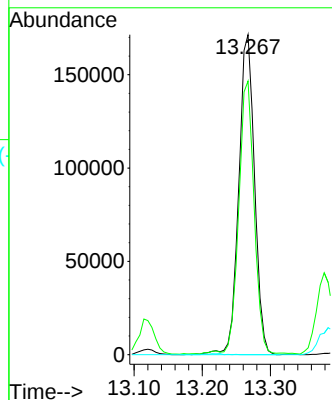
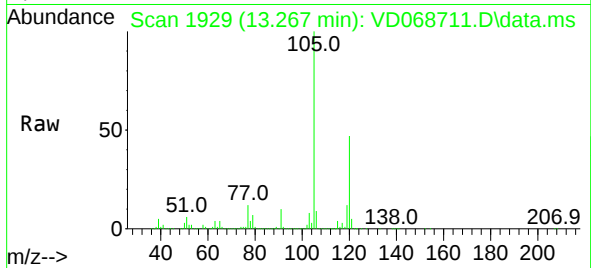




#83
tert-Butylbenzene
Concen: 12.37 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

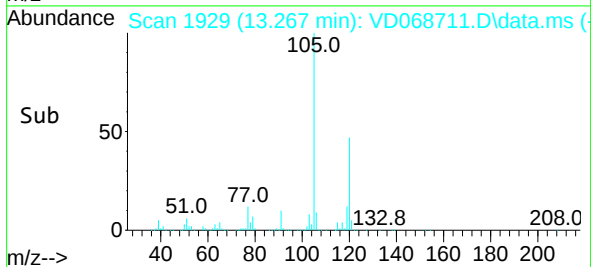
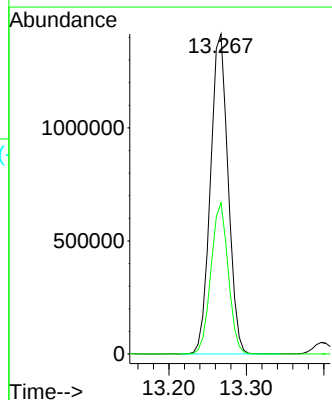
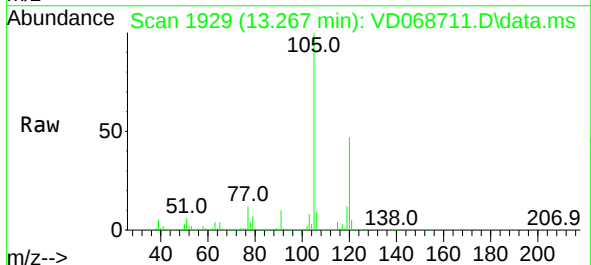
Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

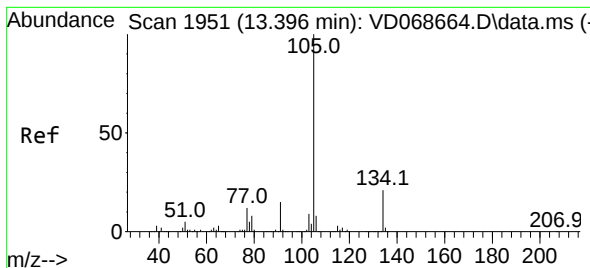
Tgt Ion:119 Resp: 275664
Ion Ratio Lower Upper
119 100
91 84.3 31.6 95.0
134 0.0 13.4 40.2#



#84
1,2,4-Trimethylbenzene
Concen: 82.78 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion:105 Resp: 2236677
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.7

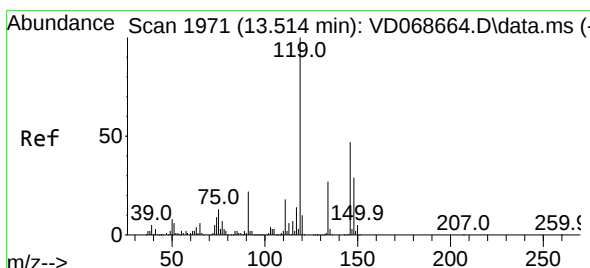
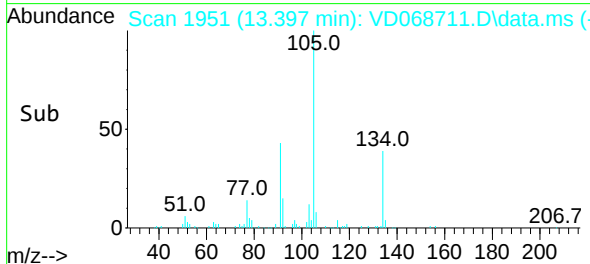
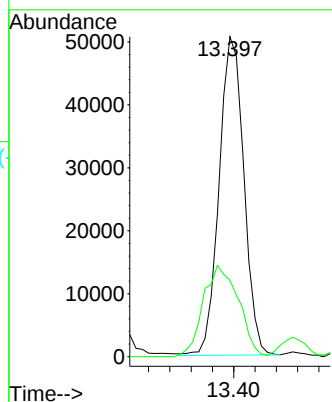
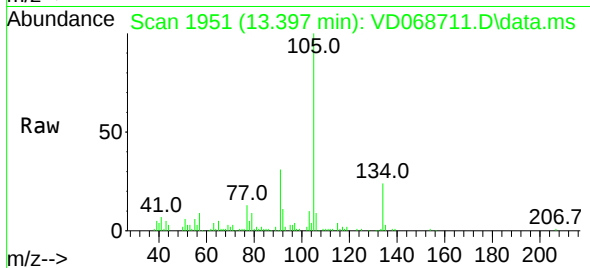




#85
 sec-Butylbenzene
 Concen: 2.51 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068711.D
 Acq: 29 Mar 2021 21:18

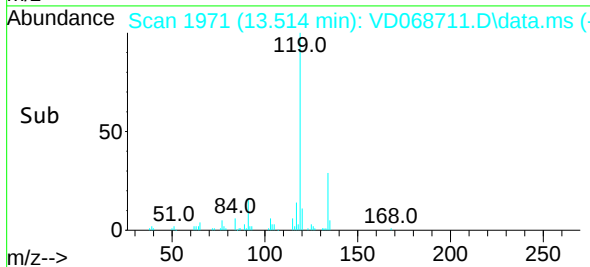
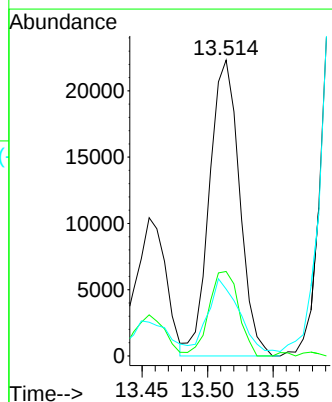
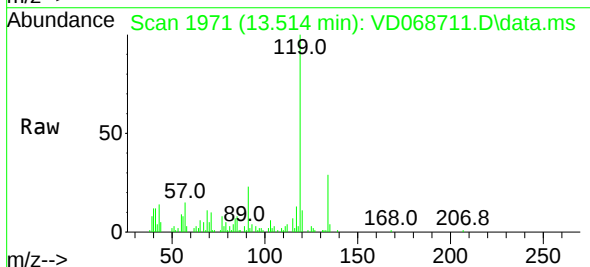
Instrument :
 MSVOA_D
 ClientSampleId :
 B2-0-2

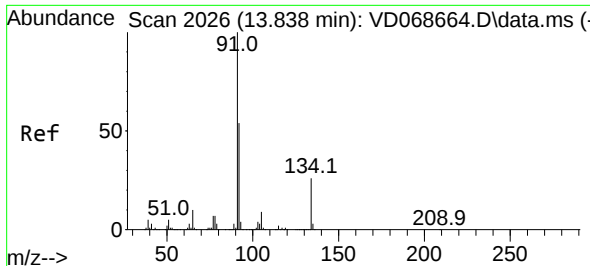
Tgt Ion:105 Resp: 81397
 Ion Ratio Lower Upper
 105 100
 134 40.9 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 1.21 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068711.D
 Acq: 29 Mar 2021 21:18

Tgt Ion:119 Resp: 35611
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.9
 91 24.5 11.1 33.1

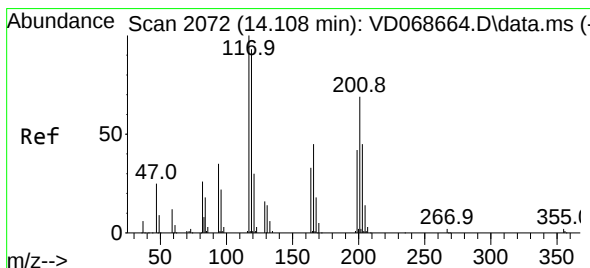
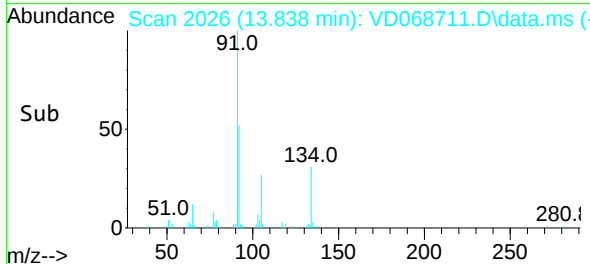
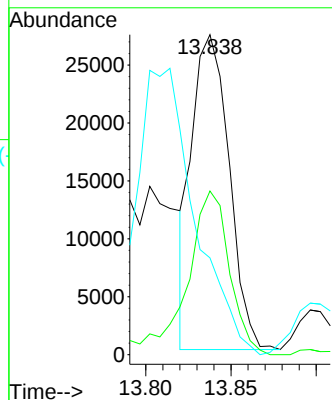
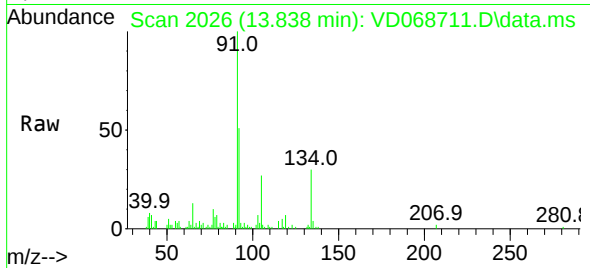




#89
n-Butylbenzene
Concen: 1.47 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

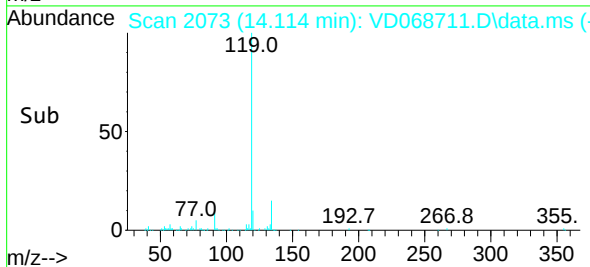
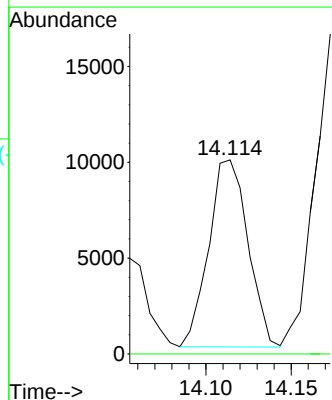
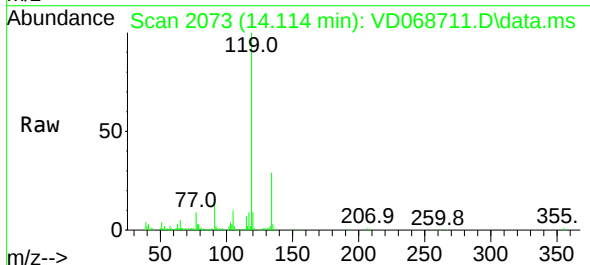
Instrument :
MSVOA_D
ClientSampled :
B2-0-2

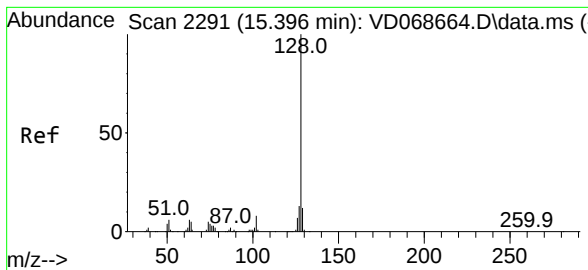
Tgt Ion: 91 Resp: 41124
Ion Ratio Lower Upper
91 100
92 58.1 26.7 80.1
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 2.95 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Tgt Ion: 117 Resp: 15631
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#





#95
Naphthalene
Concen: 3.18 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068711.D
Acq: 29 Mar 2021 21:18

Instrument :
MSVOA_D
ClientSampleId :
B2-0-2

Tgt Ion:128 Resp: 46540
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 13.1 8.9 13.3

