

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068545.D
 Acq On : 05 Mar 2021 15:57
 Operator : VA/SY
 Sample : M1577-01
 Misc : 4.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11939-VNJ-229

Quant Time: Mar 05 23:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

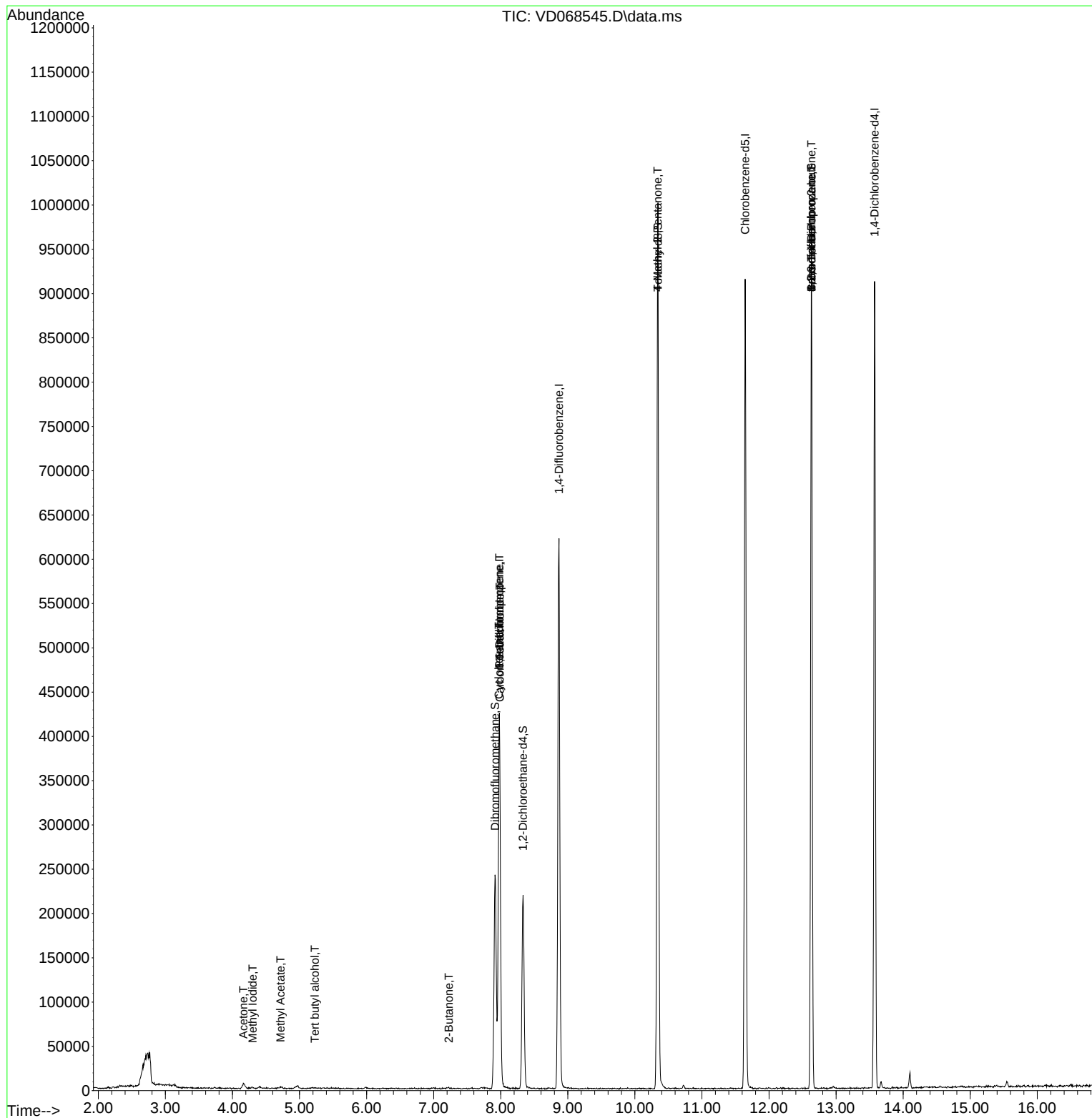
Internal Standards						
1) Pentafluorobenzene	7.979	168	327433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	251390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	177137	54.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.28%			
35) Dibromofluoromethane	7.914	113	176548	51.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.64%			
50) Toluene-d8	10.344	98	715458	52.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.632	95	236498	54.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.14%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	2332	3.18	ug/l #	77
11) Tert butyl alcohol	5.226	59	475	2.72	ug/l #	74
16) Acetone	4.162	43	9896	19.04	ug/l #	58
18) Methyl Acetate	4.715	43	1559	1.16	ug/l #	83
20) Methylene Chloride	4.962	84	2747	Below Cal	#	85
25) 2-Butanone	7.226	43	894	1.20	ug/l #	43
31) Cyclohexane	7.973	56	6223	1.05	ug/l #	21
36) 1,1-Dichloropropene	7.979	75	24807	4.61	ug/l #	46
38) Carbon Tetrachloride	7.985	117	32061	6.35	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	2692	1.57	ug/l #	1
71) Bromoform	12.632	173	2049	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	120596	54.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	120596	126.10	ug/l #	14

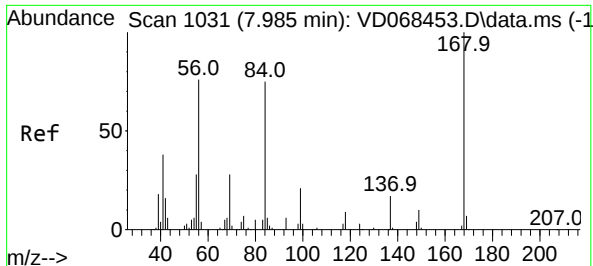
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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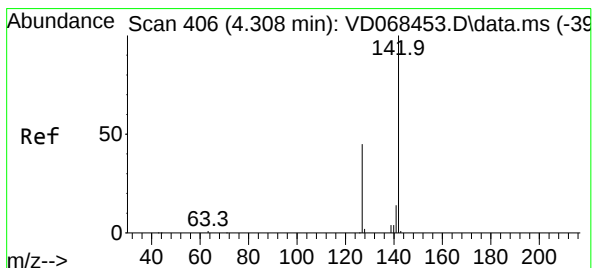
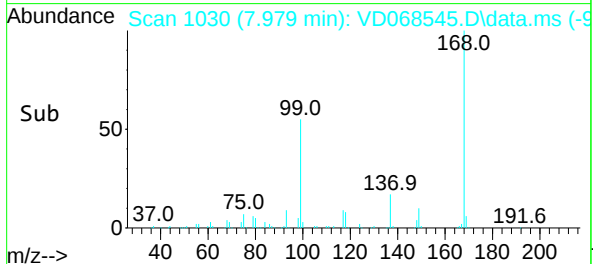
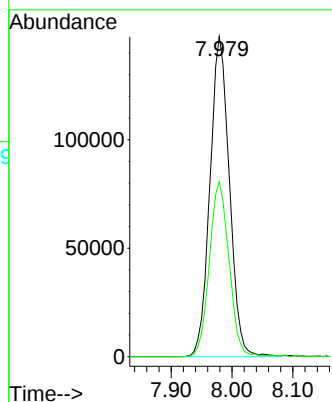
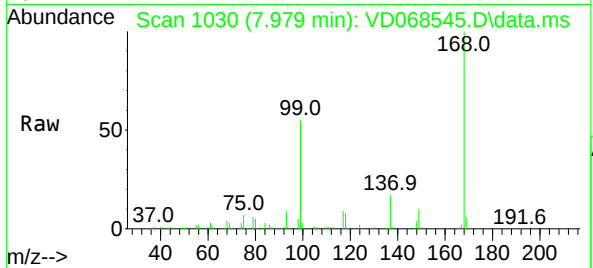




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

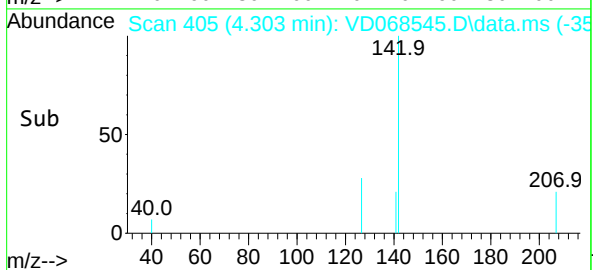
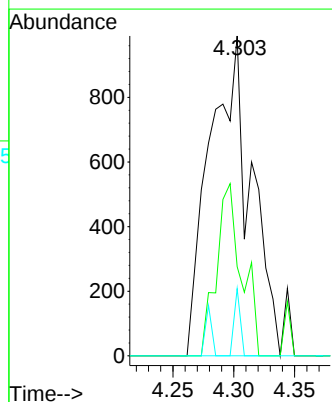
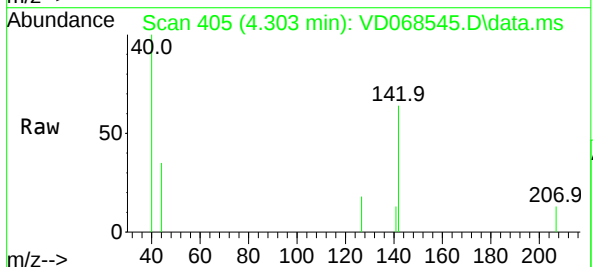
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

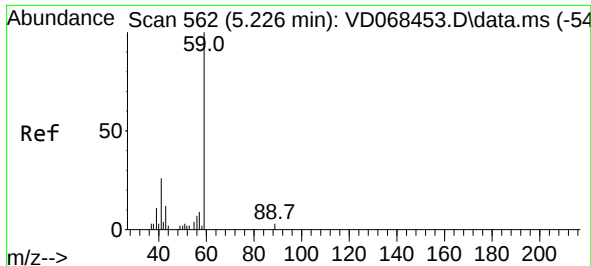
Tgt Ion:168 Resp: 327433
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion:142 Resp: 2332
Ion Ratio Lower Upper
142 100
127 32.8 37.9 56.9#
141 3.1 11.5 17.3#





#11

Tert butyl alcohol

Concen: 2.72 ug/l

RT: 5.226 min Scan# 562

Delta R.T. 0.000 min

Lab File: VD068545.D

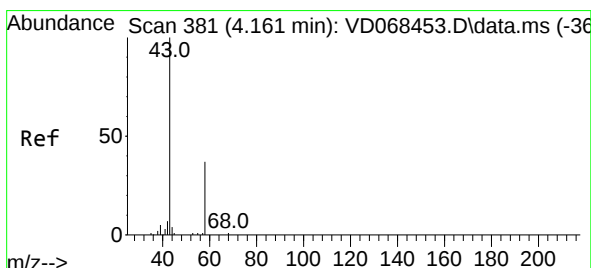
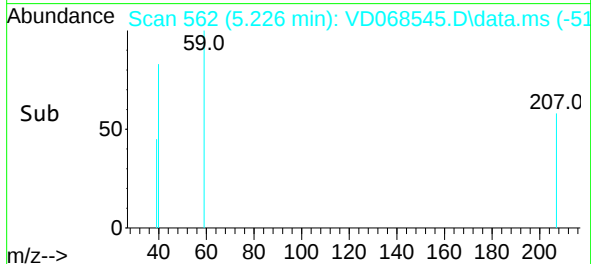
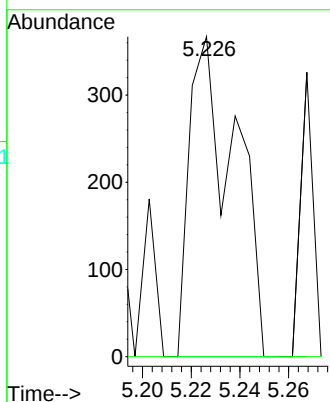
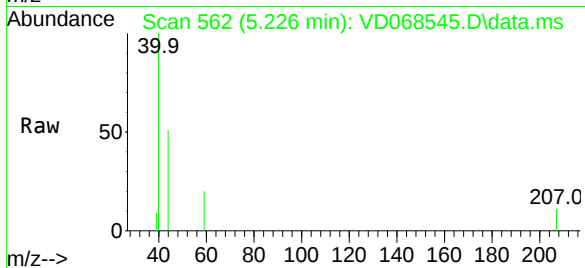
Acq: 05 Mar 2021 15:57

Tgt Ion: 59 Resp: 475

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 19.04 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.000 min

Lab File: VD068545.D

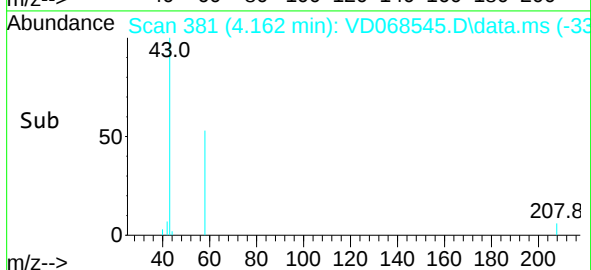
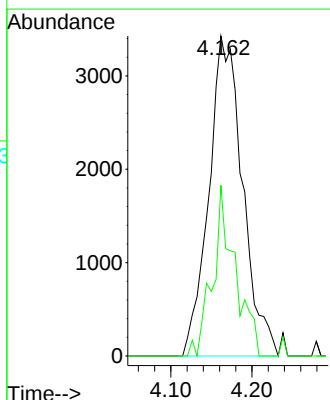
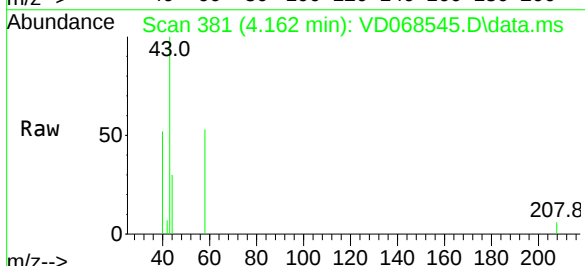
Acq: 05 Mar 2021 15:57

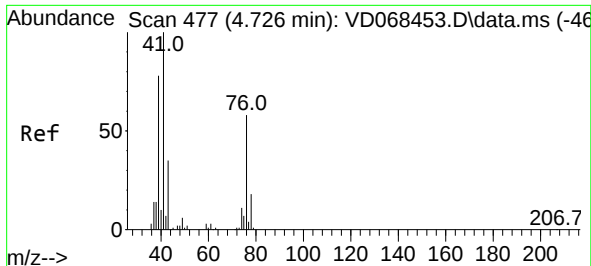
Tgt Ion: 43 Resp: 9896

Ion Ratio Lower Upper

43 100

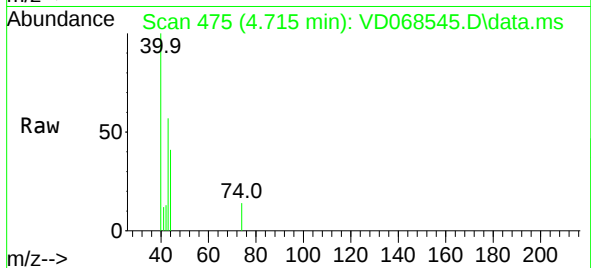
58 53.4 24.2 36.4#



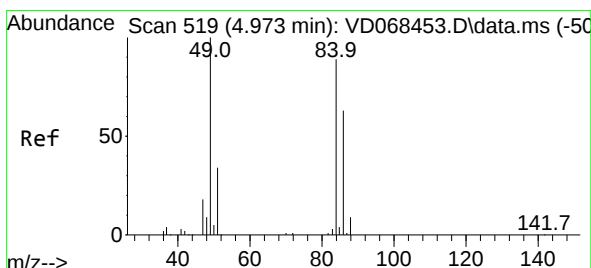
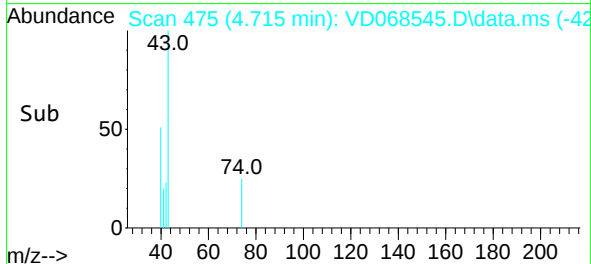
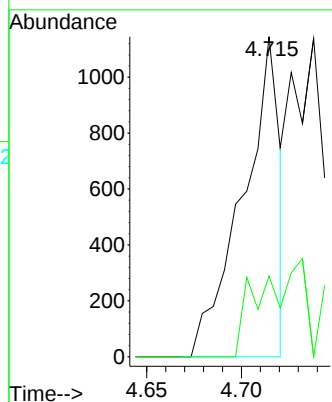


#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

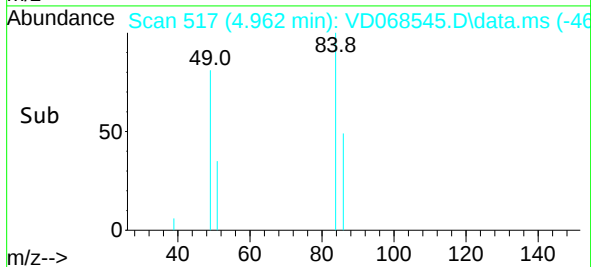
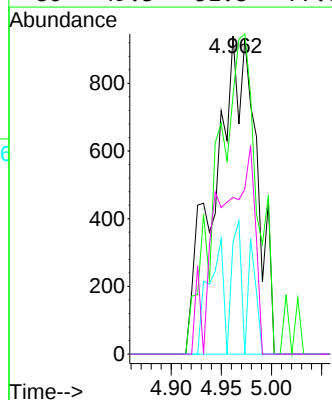
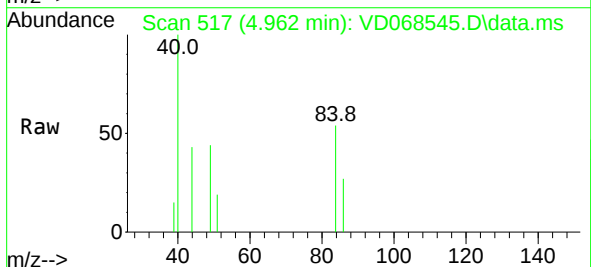


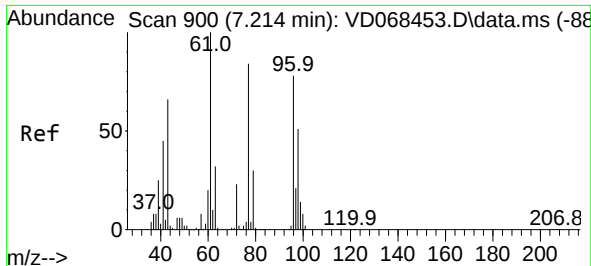
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
74 41.3 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 84 Resp: 2747
Ion Ratio Lower Upper
84 100
49 81.2 77.4 116.2
51 35.1 26.1 39.1
86 49.3 51.8 77.8#

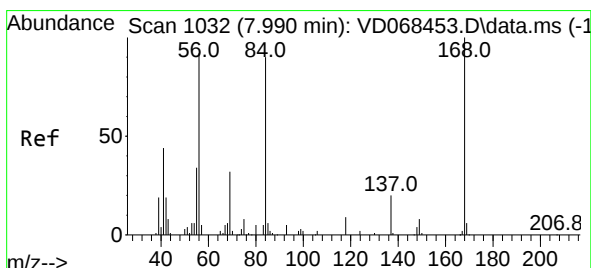
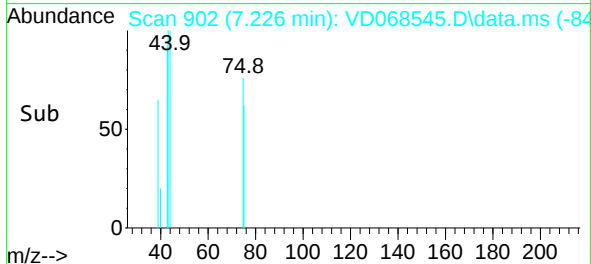
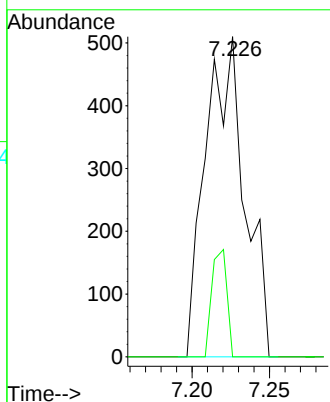
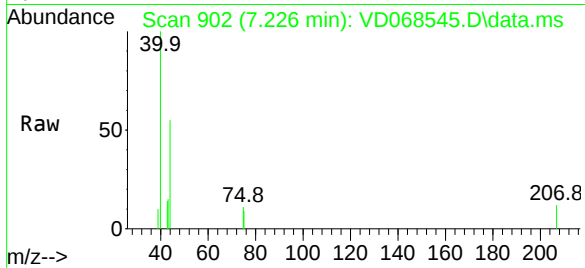




#25
2-Butanone
Concen: 1.20 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

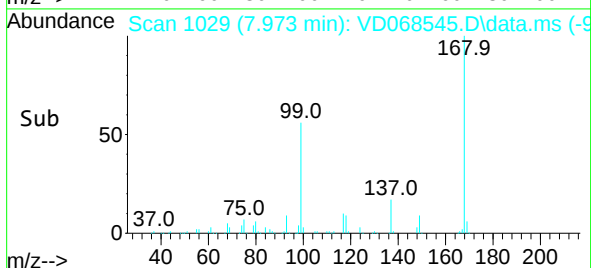
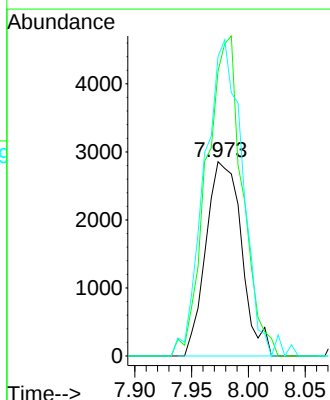
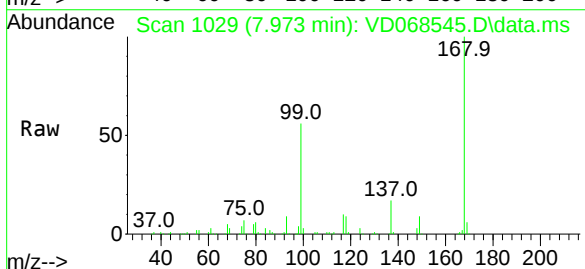
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

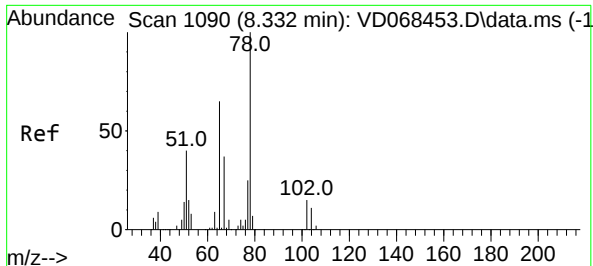
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 56 Resp: 6223
Ion Ratio Lower Upper
56 100
69 146.7 30.1 45.1#
84 144.9 82.1 123.1#

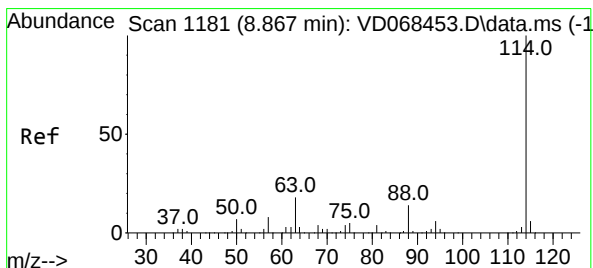
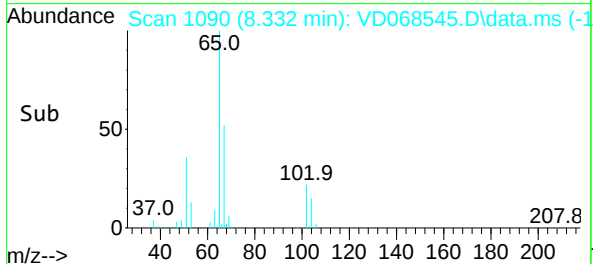
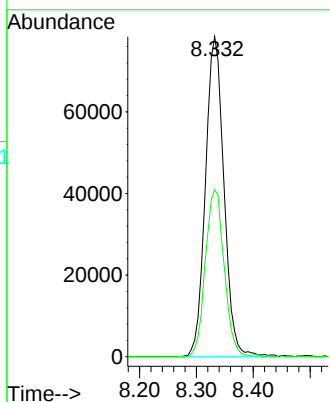
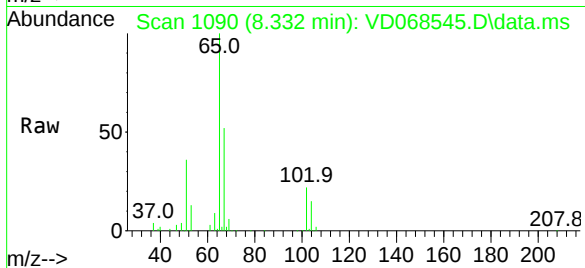




#33
1,2-Dichloroethane-d4
Concen: 54.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

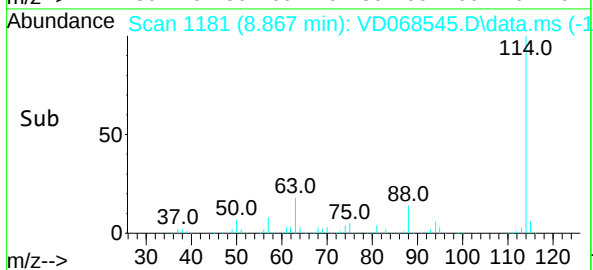
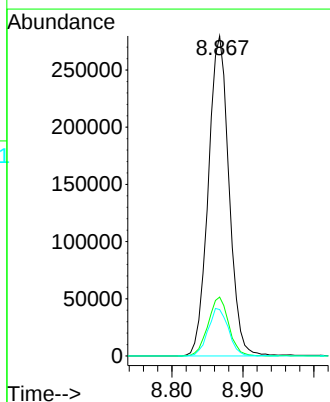
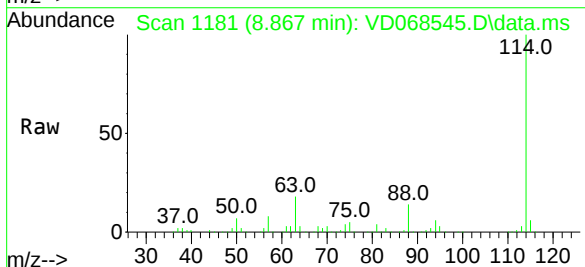
Instrument :
MSVOA_D
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72-11939-VNJ-229

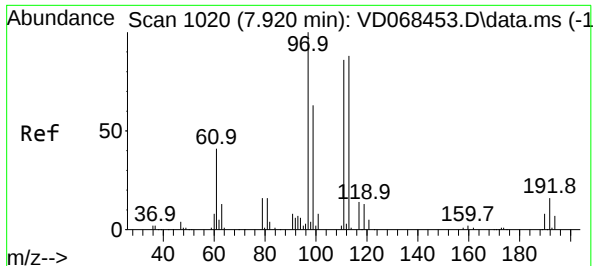
Tgt Ion: 65 Resp: 177137
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 114 Resp: 565583
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.82 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068545.D

Acq: 05 Mar 2021 15:57

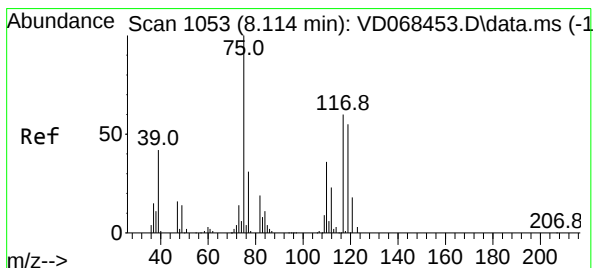
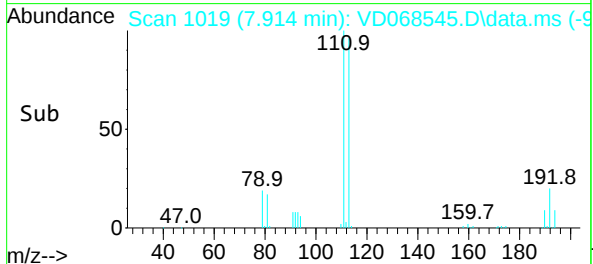
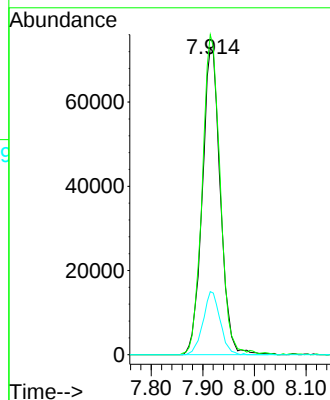
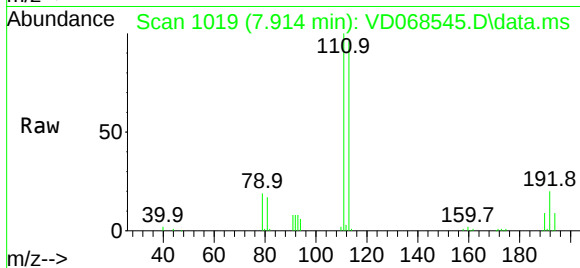
Tgt Ion:113 Resp: 176548

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068545.D

Acq: 05 Mar 2021 15:57

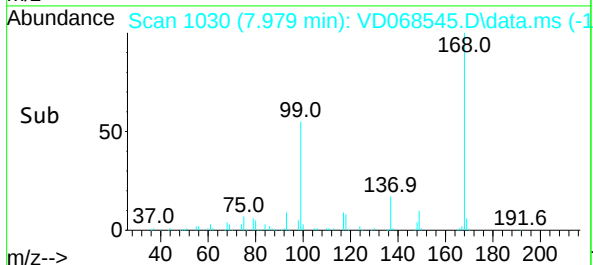
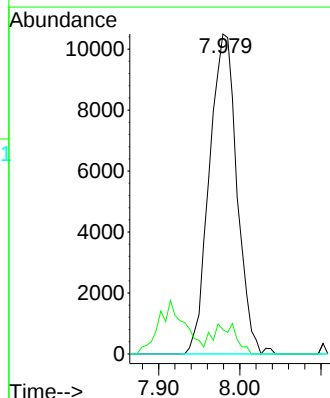
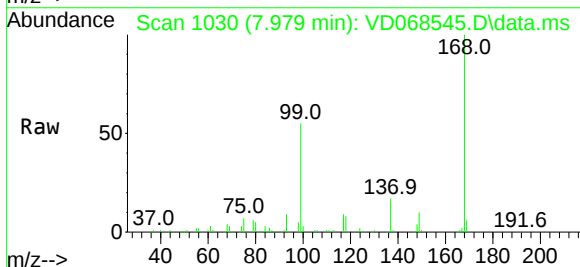
Tgt Ion: 75 Resp: 24807

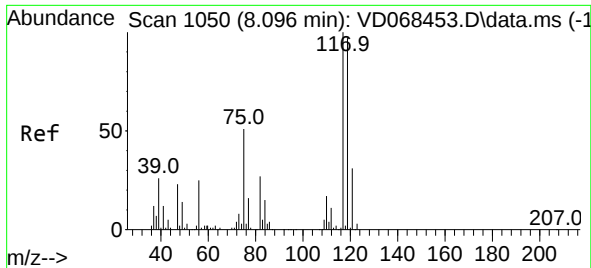
Ion Ratio Lower Upper

75 100

110 7.9 19.4 58.2#

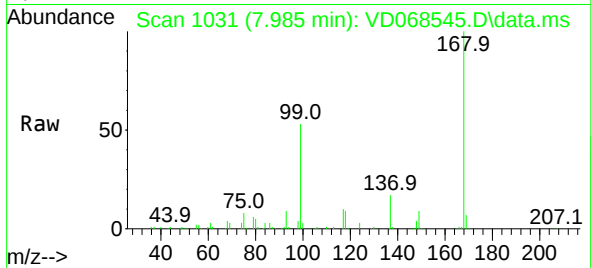
77 0.0 25.3 37.9#



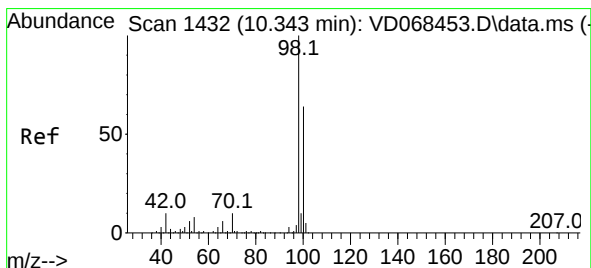
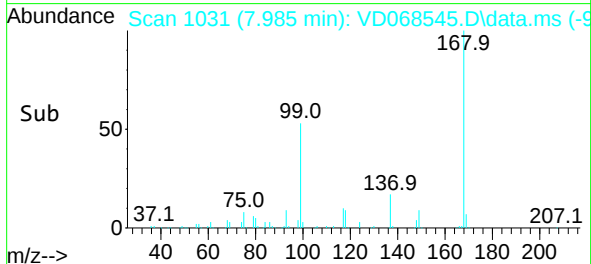
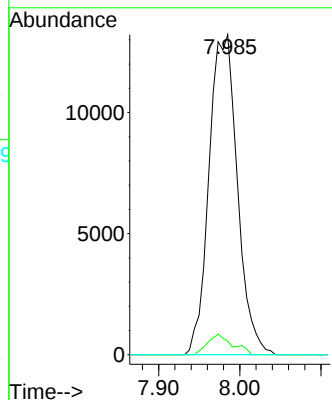


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Instrument :
MSVOA_D
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72-11939-VNJ-229

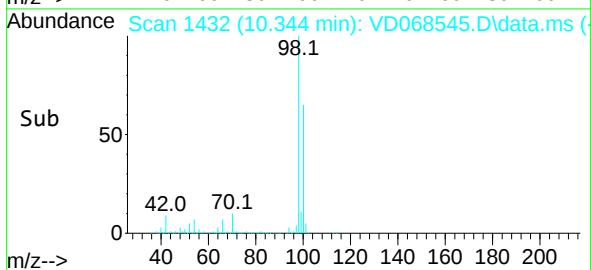
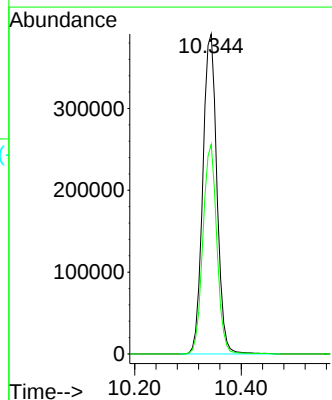
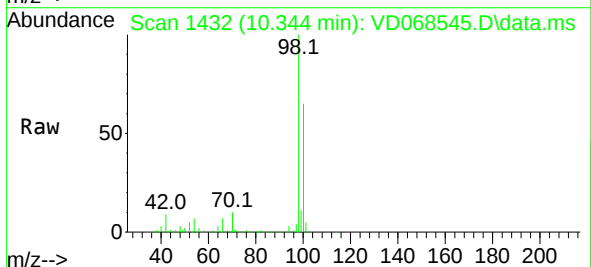


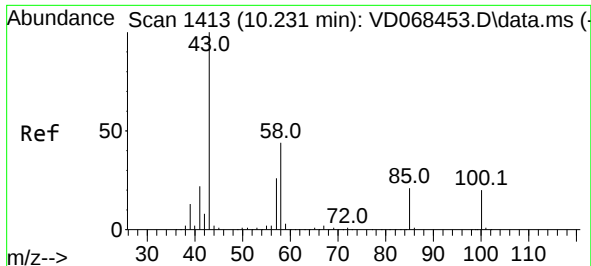
Tgt Ion:117 Resp: 32061
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 98 Resp: 715458
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

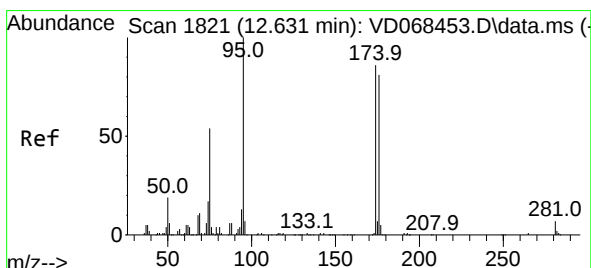
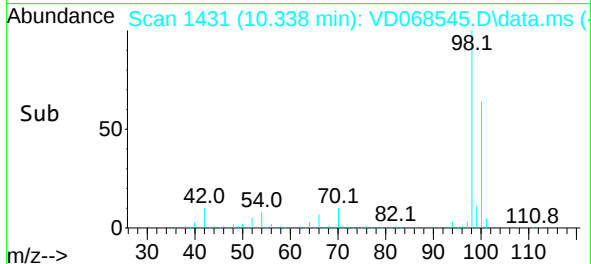
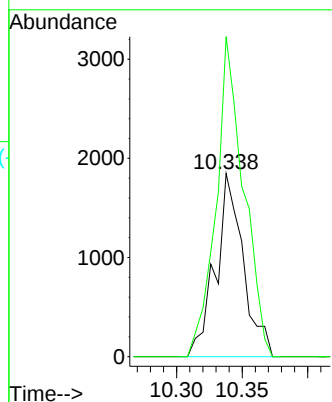
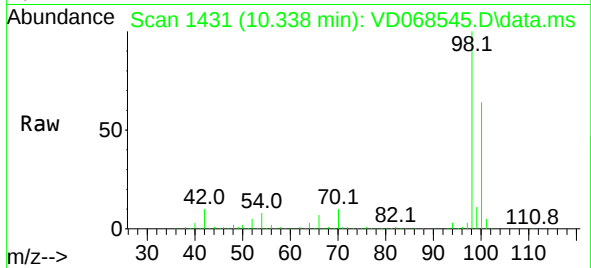




#51
4-Methyl-2-Pentanone
Concen: 1.57 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

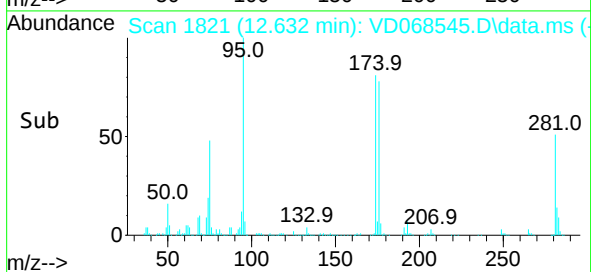
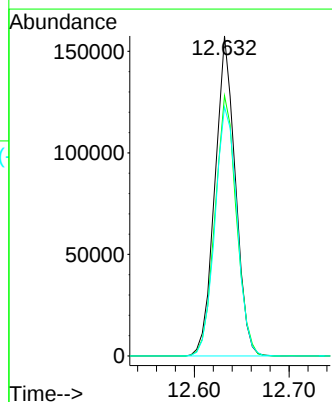
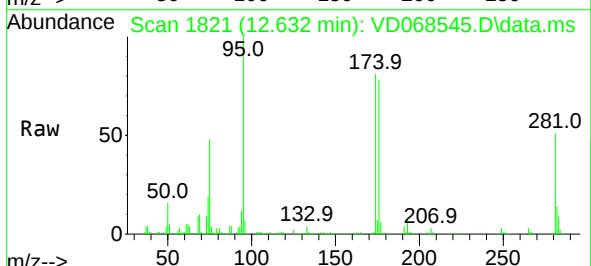
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

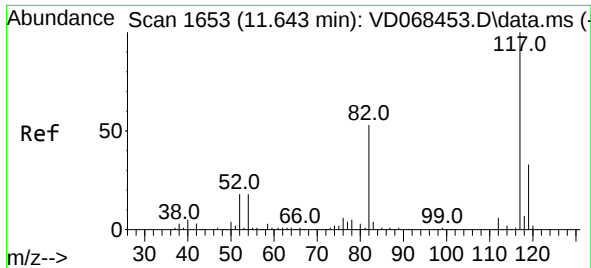
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 175.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 54.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion: 95 Resp: 236498
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 83.8 0.0 168.4

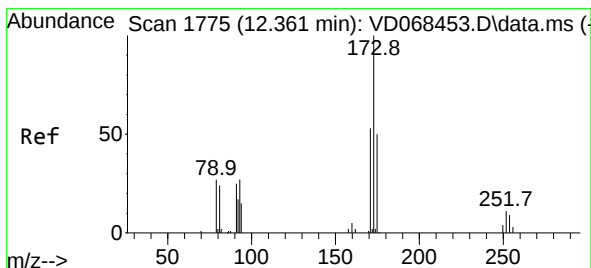
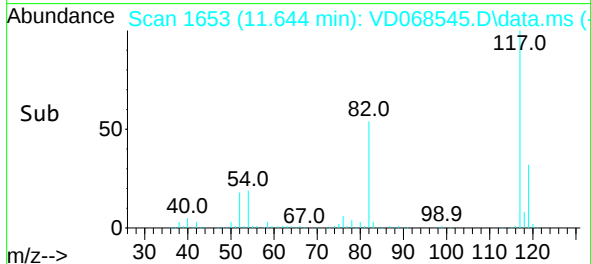
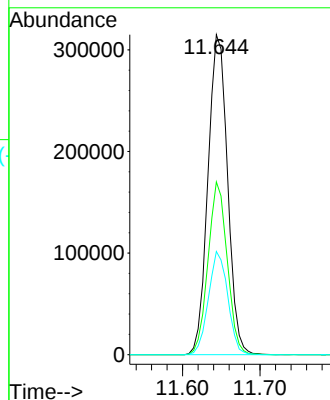
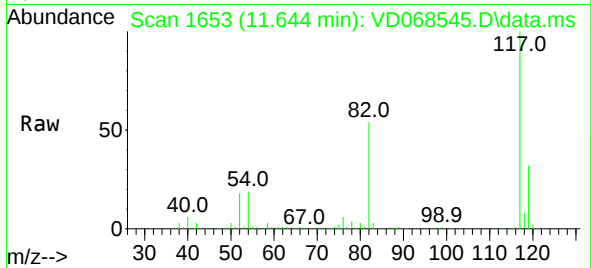




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

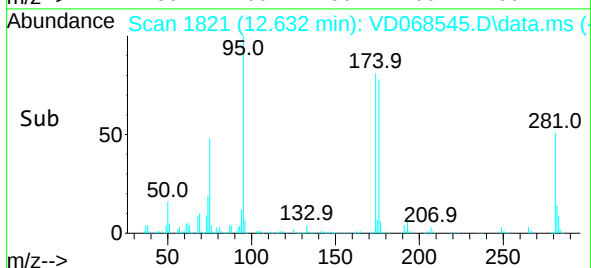
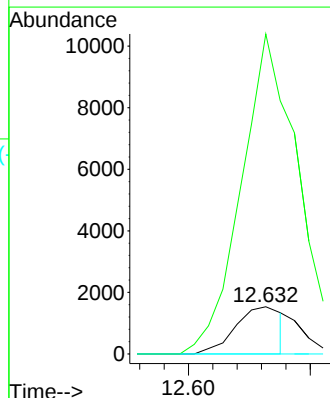
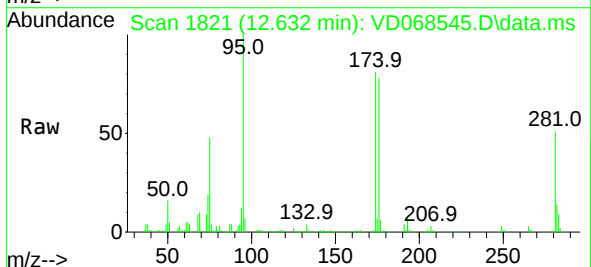
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

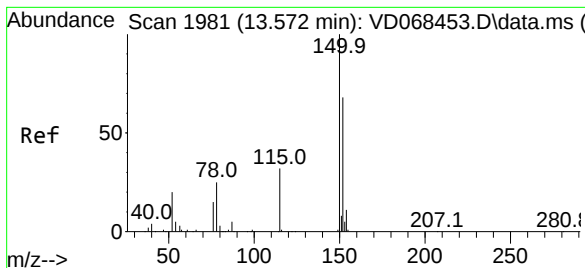
Tgt Ion:117 Resp: 552811
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.3 26.1 39.1



#71
Bromoform
Concen: 1.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

Tgt Ion:173 Resp: 2049
Ion Ratio Lower Upper
173 100
175 589.2 24.6 73.8#
254 0.0 0.0 0.0

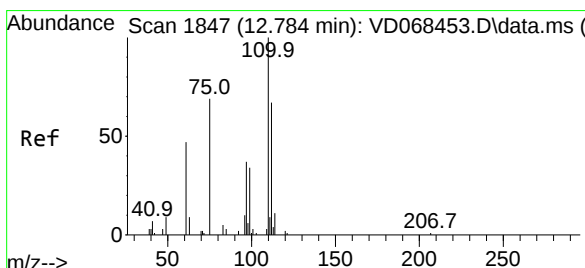
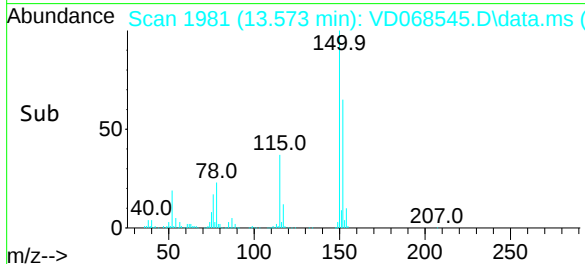
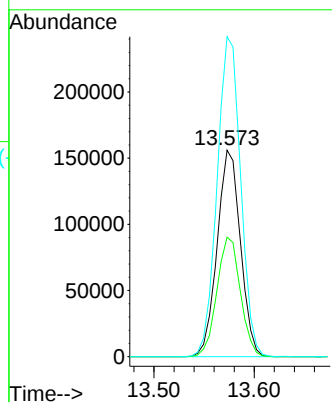
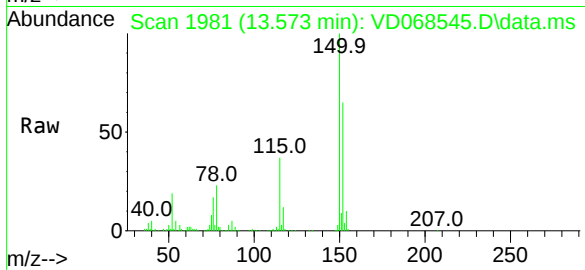




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

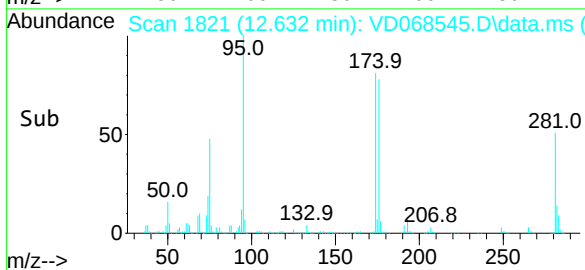
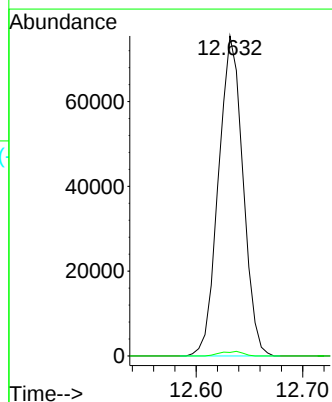
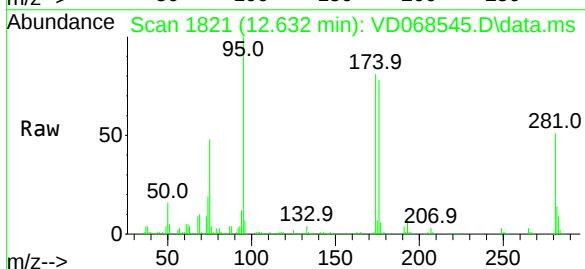
Instrument :
MSVOA_D
ClientSampleId :
72-11939-VNJ-229

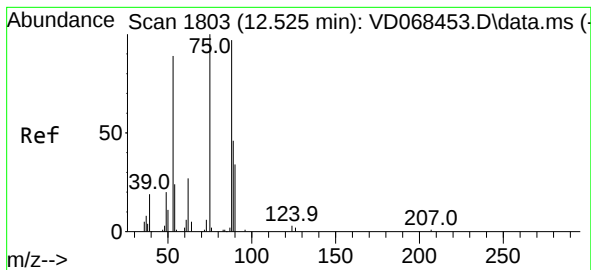
Tgt Ion:152 Resp: 251390
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 156.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068545.D
Acq: 05 Mar 2021 15:57

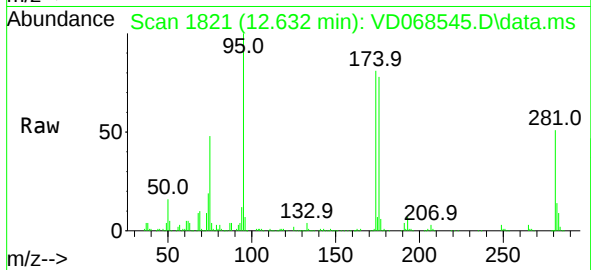
Tgt Ion: 75 Resp: 120596
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.10 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068545.D
 Acq: 05 Mar 2021 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11939-VNJ-229



Tgt Ion: 75 Resp: 120596
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.5 40.3 60.5#

