

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072471.D
 Acq On : 30 Mar 2022 11:30
 Operator : VA/SY
 Sample : VD0330SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBL01

Quant Time: Mar 31 03:06:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

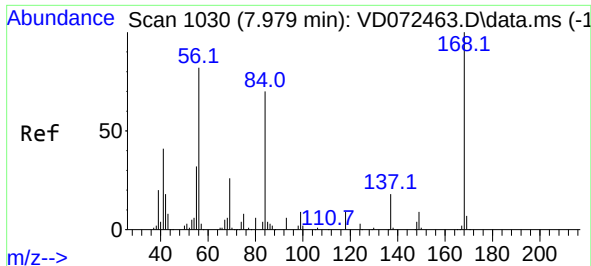
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	461979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	808329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	925283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	476852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194463	34.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.600%		
35) Dibromofluoromethane	7.914	113	244630	38.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.880%		
50) Toluene-d8	10.332	98	1012994	46.391	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.626	95	458129	53.721	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.440%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.344	62	1733	1.386	ug/l	100
10) Methyl Iodide	4.314	142	2621	4.221	ug/l #	84
14) Allyl chloride	4.709	41	2696	1.488	ug/l #	40
16) Acetone	4.162	43	1942	1.864	ug/l	99
17) Carbon Disulfide	4.414	76	6257	4.272	ug/l #	74
20) Methylene Chloride	4.962	84	19716	3.178	ug/l #	83
21) trans-1,2-Dichloroethene	5.479	96	1397	1.026	ug/l #	55
23) Vinyl Acetate	6.303	43	2204	6.529	ug/l #	87
31) Cyclohexane	7.979	56	13397	1.833	ug/l #	9
36) 1,1-Dichloropropene	8.114	75	1455	1.301	ug/l #	51
39) Methylcyclohexane	9.350	83	3634	3.243	ug/l #	79
41) Methacrylonitrile	7.520	41	82	1.699	ug/l #	27
56) Ethyl methacrylate	10.649	69	591	1.287	ug/l #	46
76) 1,2,3-Trichloropropane	12.626	75	232289	44.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	232289	109.596	ug/l #	7

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

Quant Time: Mar 31 03:06:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

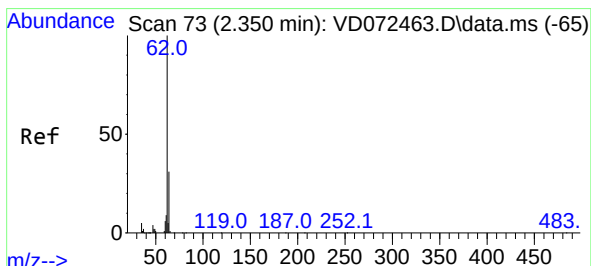
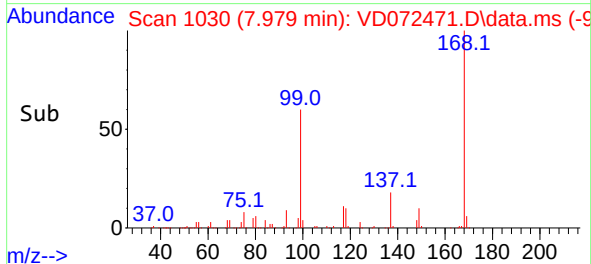
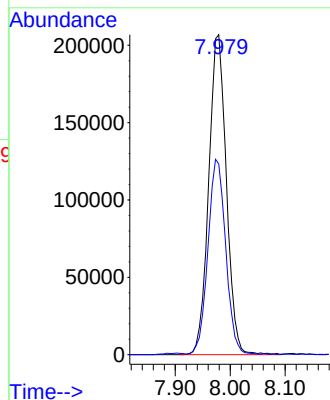
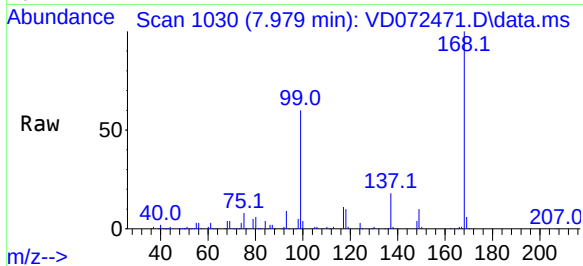




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

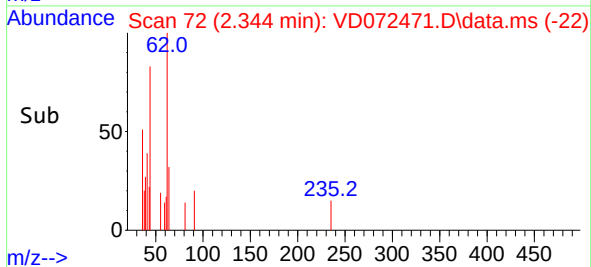
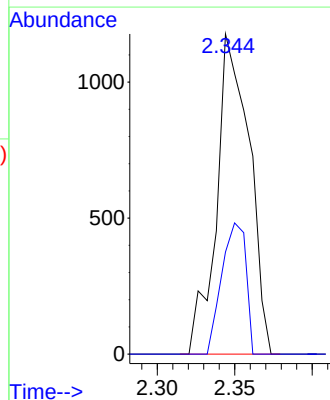
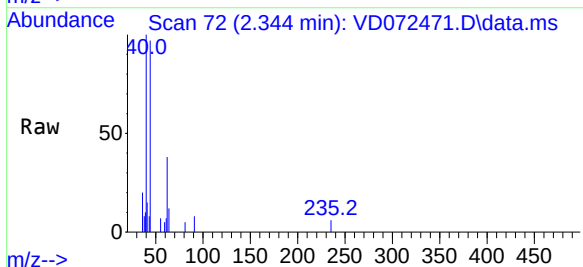
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

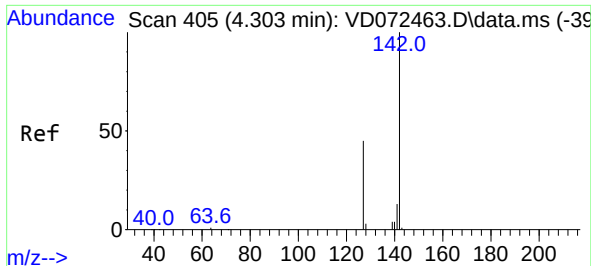
Tgt Ion:168 Resp: 461979
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#4
Vinyl Chloride
Concen: 1.386 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 62 Resp: 1733
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

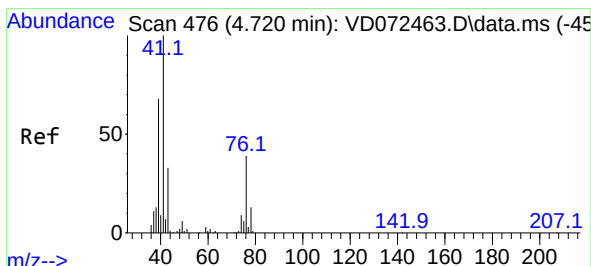
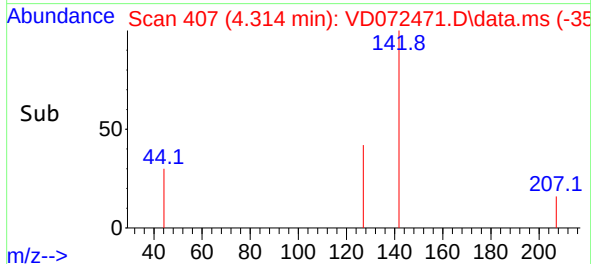
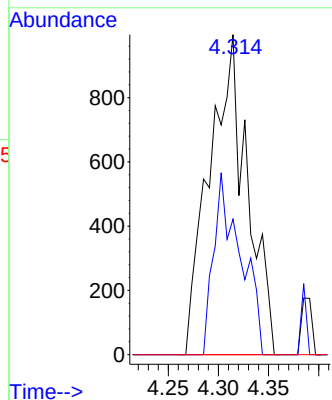
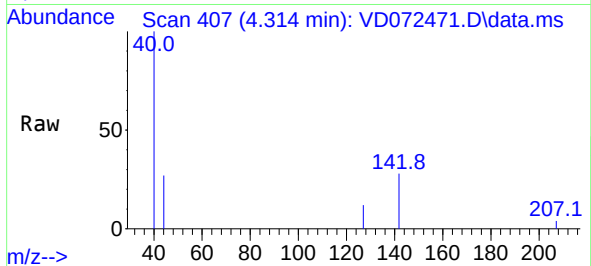




#10
Methyl Iodide
Concen: 4.221 ug/l
RT: 4.314 min Scan# 40
Delta R.T. 0.011 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

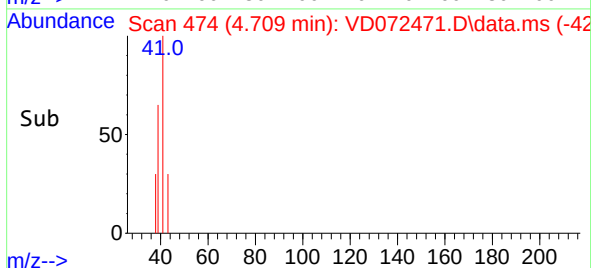
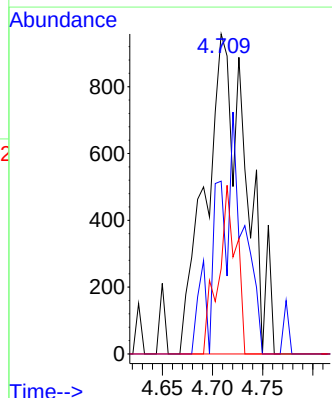
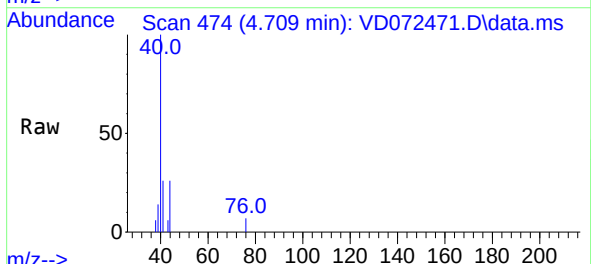
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

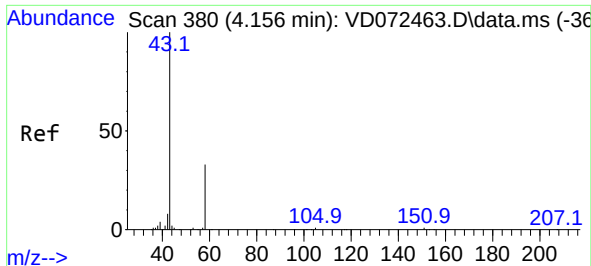
Tgt Ion:142 Resp: 2621
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.488 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 41 Resp: 2696
Ion Ratio Lower Upper
41 100
39 22.4 59.3 88.9#
76 0.0 25.7 38.5#

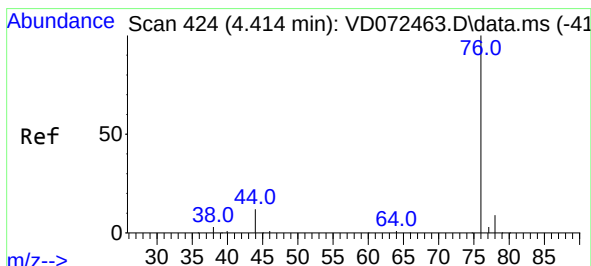
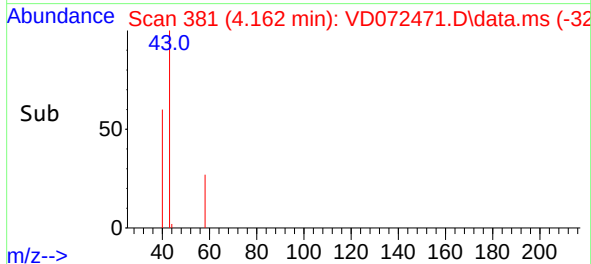
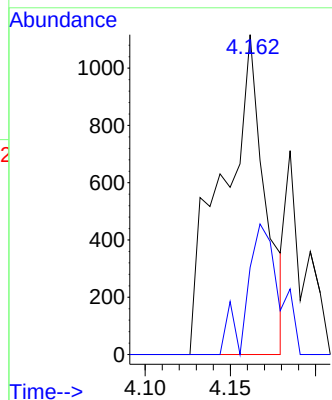
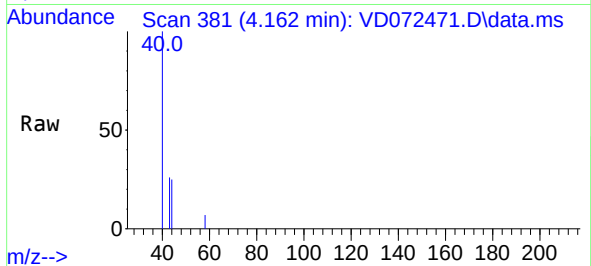




#16
Acetone
Concen: 1.864 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

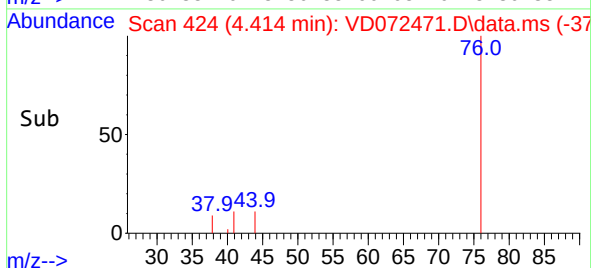
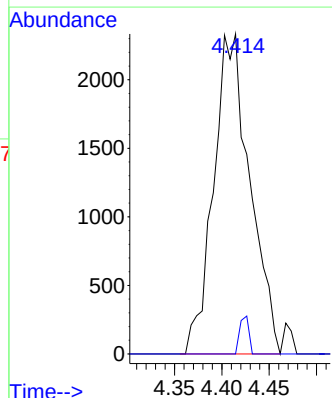
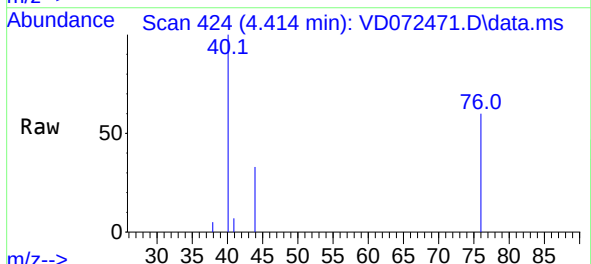
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

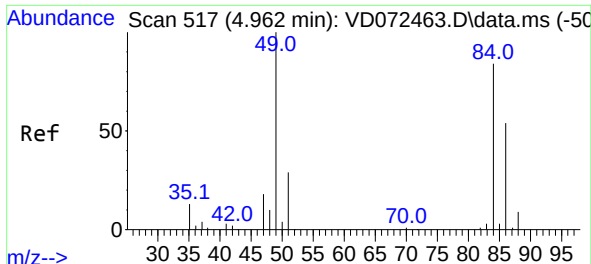
Tgt Ion: 43 Resp: 1942
Ion Ratio Lower Upper
43 100
58 27.2 22.1 33.1



#17
Carbon Disulfide
Concen: 4.272 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 76 Resp: 6257
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



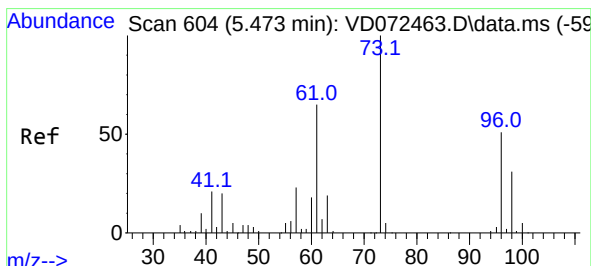
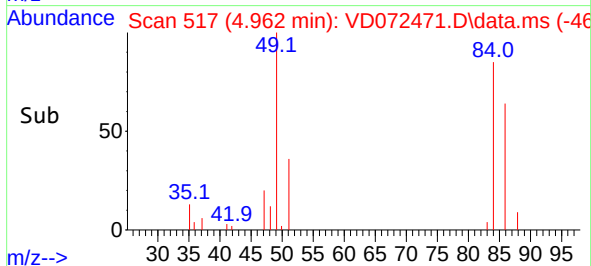
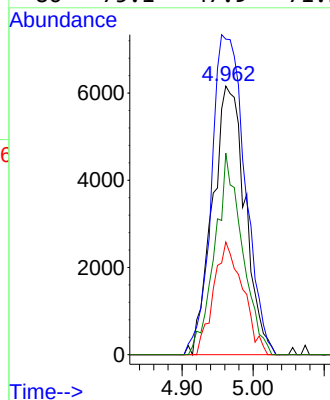
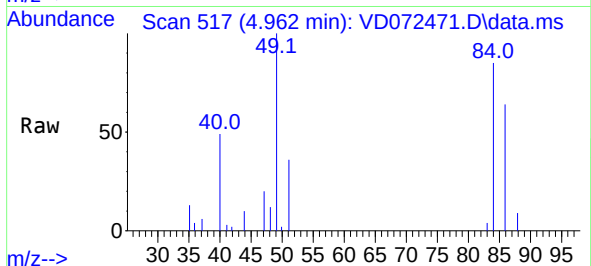


#20
Methylene Chloride
Concen: 3.178 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

Tgt Ion: 84 Resp: 19716

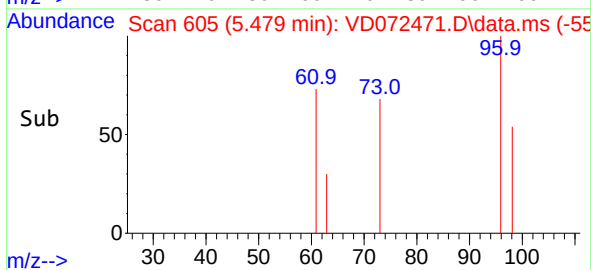
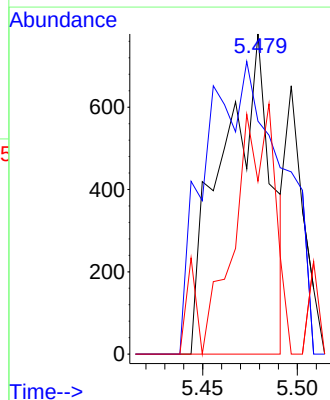
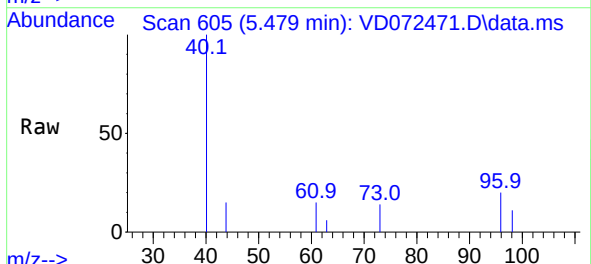
Ion	Ratio	Lower	Upper
84	100		
49	117.5	112.8	169.2
51	41.9	32.6	48.8
86	75.1	47.9	71.9

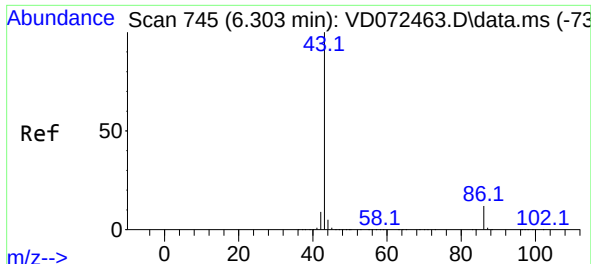


#21
trans-1,2-Dichloroethene
Concen: 1.026 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 96 Resp: 1397

Ion	Ratio	Lower	Upper
96	100		
61	72.8	117.9	176.9
98	54.0	49.4	74.2

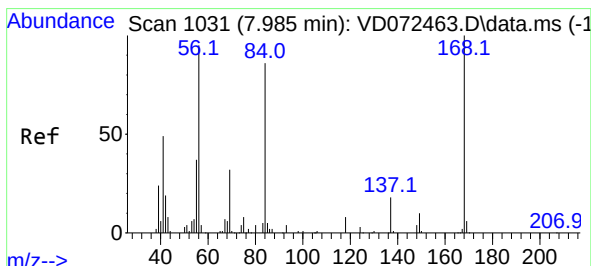
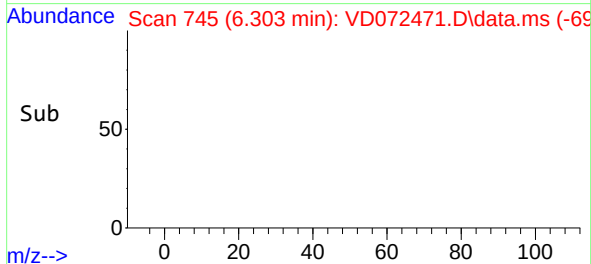
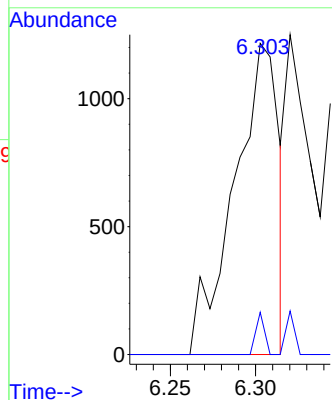
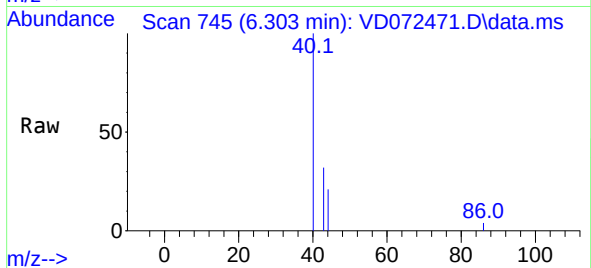




#23
 Vinyl Acetate
 Concen: 6.529 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

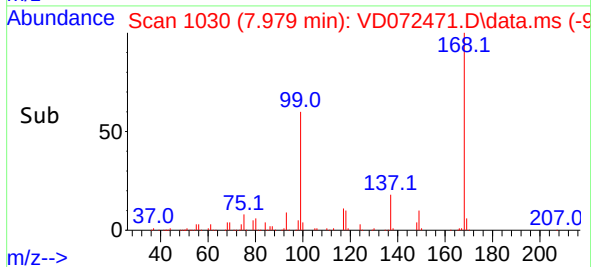
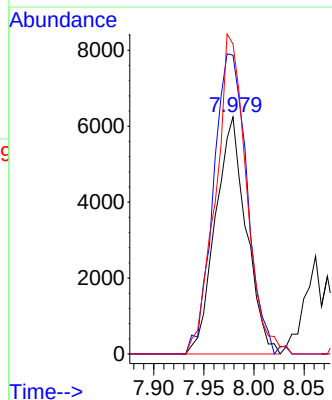
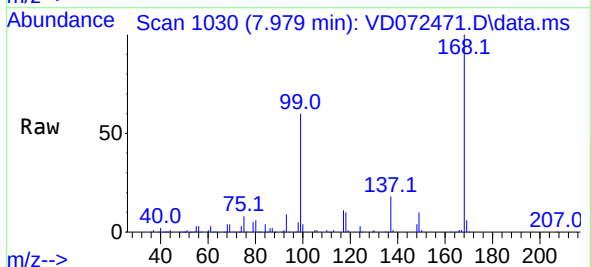
Instrument :
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 ClientSampleId :
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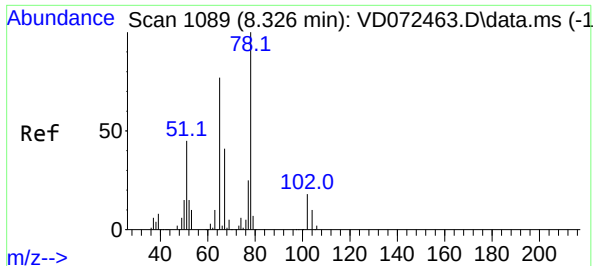
Tgt Ion: 43 Resp: 2204
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.833 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

Tgt Ion: 56 Resp: 13397
 Ion Ratio Lower Upper
 56 100
 69 126.1 25.4 38.2#
 84 130.8 63.0 94.4#

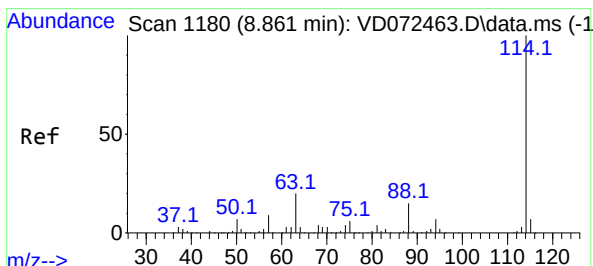
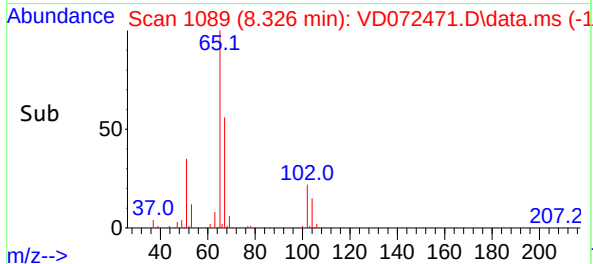
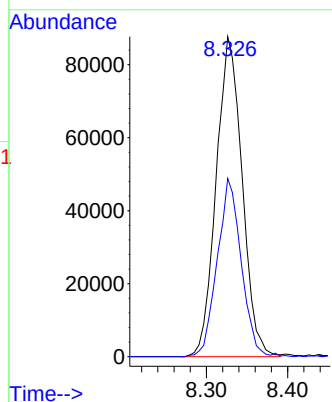
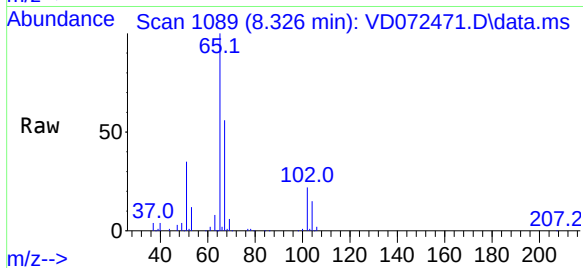




#33
 1,2-Dichloroethane-d4
 Concen: 34.797 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

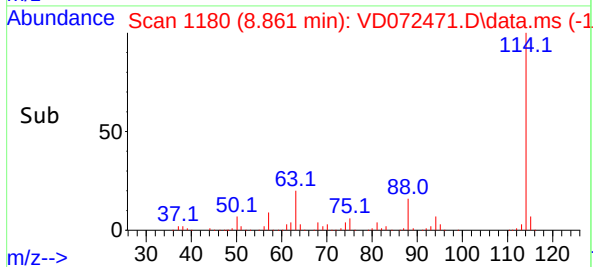
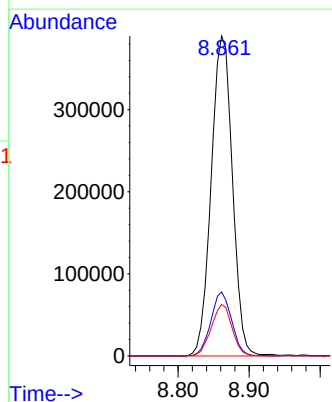
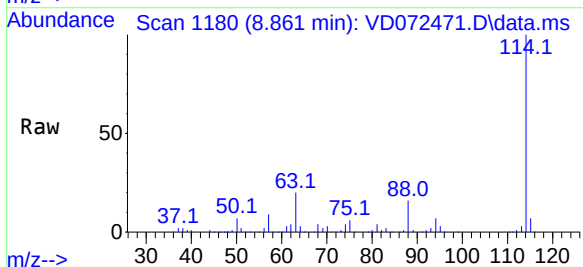
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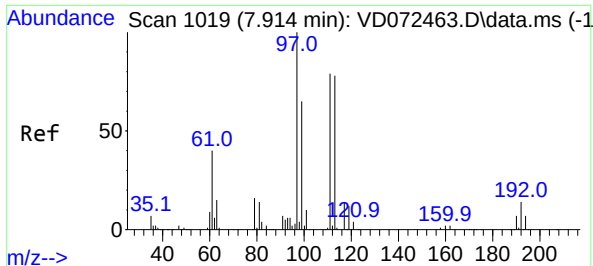
Tgt Ion: 65 Resp: 194463
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

Tgt Ion: 114 Resp: 808329
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 46.6
 88 16.1 0.0 33.2

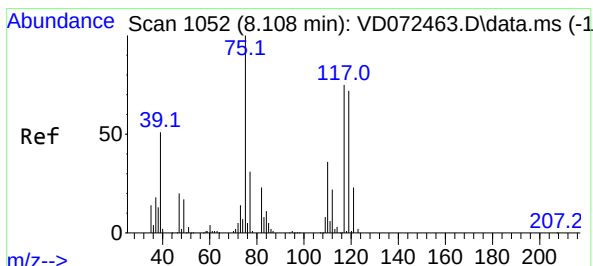
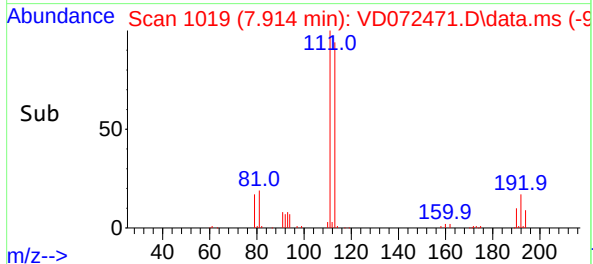
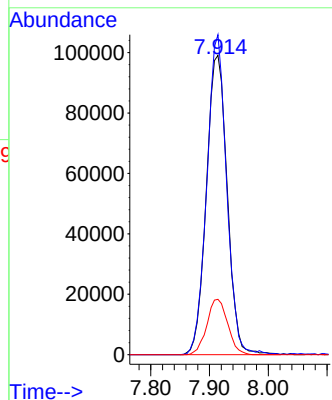
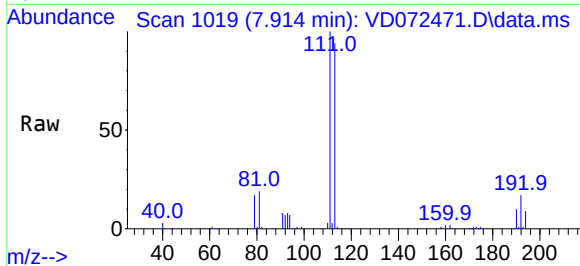




#35
Dibromofluoromethane
Concen: 38.942 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

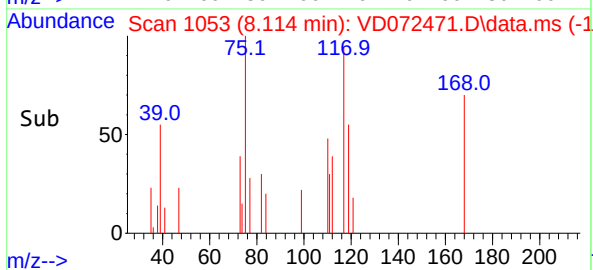
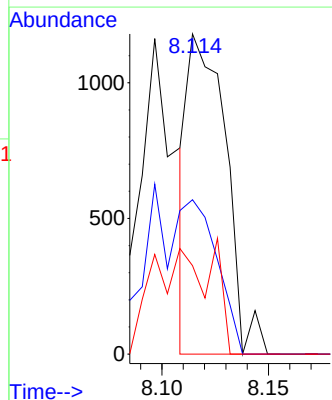
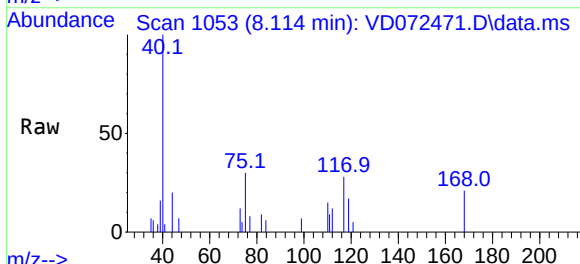
Instrument :
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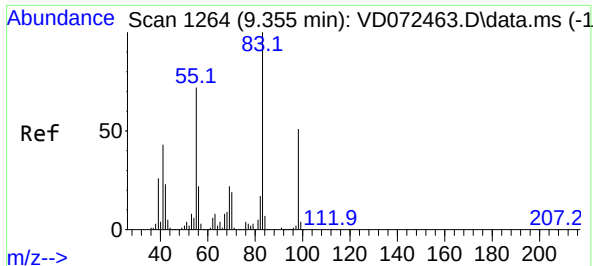
Tgt Ion:113 Resp: 244630
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.301 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 75 Resp: 1455
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 51.9 24.2 36.2#

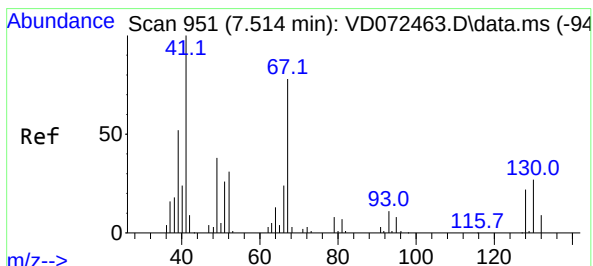
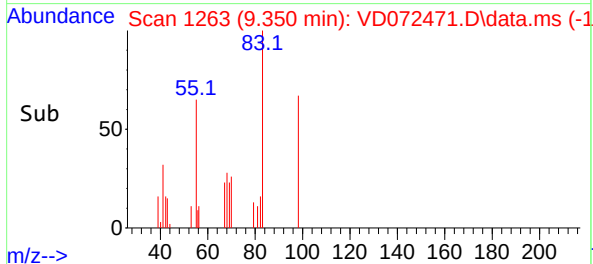
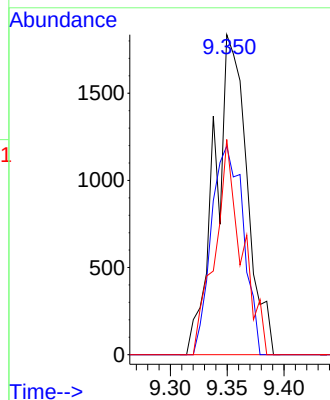
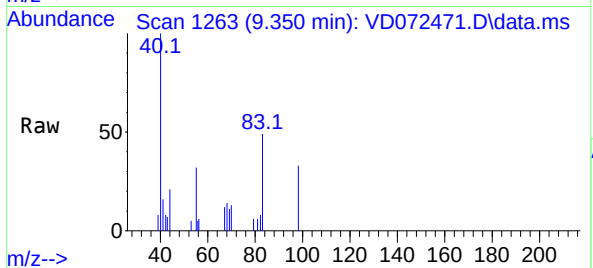




#39
Methylcyclohexane
Concen: 3.243 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

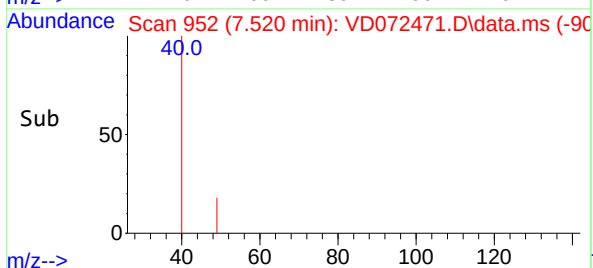
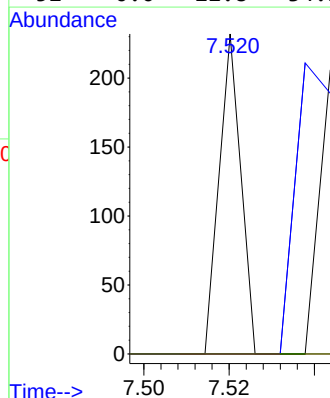
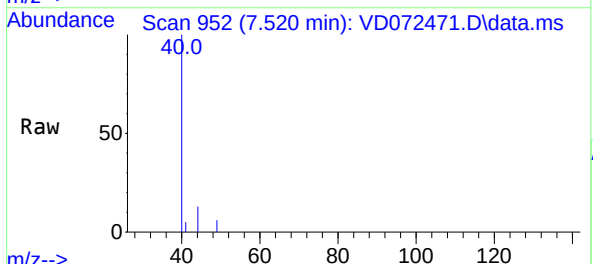
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

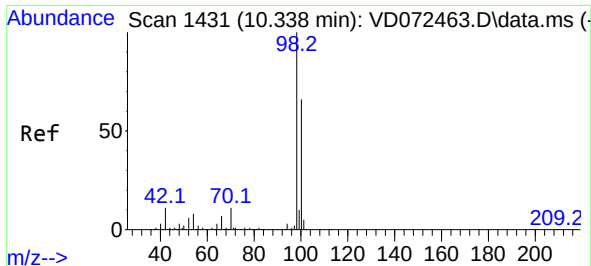
Tgt Ion:	83	Resp:	3634
Ion	Ratio	Lower	Upper
83	100		
55	65.2	63.2	94.8
98	67.3	38.2	57.4#



#41
Methacrylonitrile
Concen: 1.699 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion:	41	Resp:	82
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#

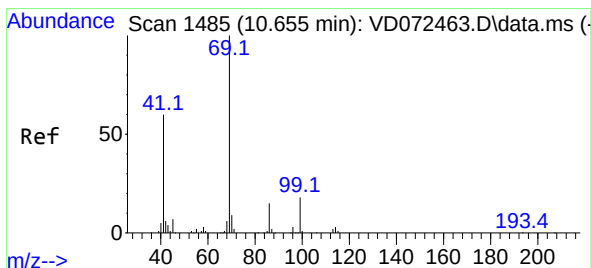
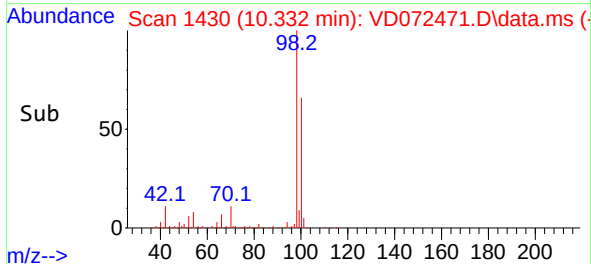
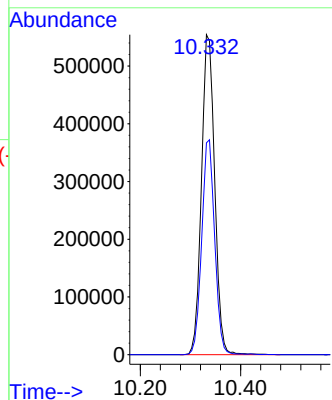
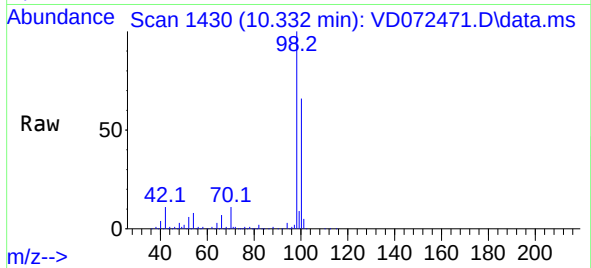




#50
Toluene-d8
Concen: 46.391 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

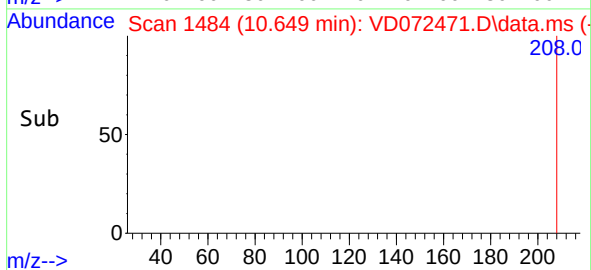
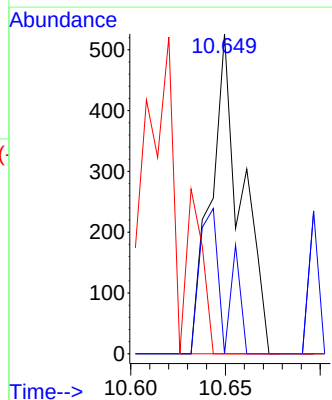
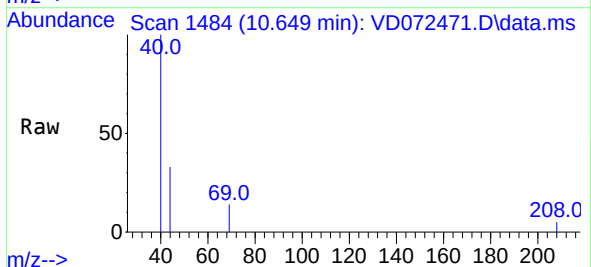
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

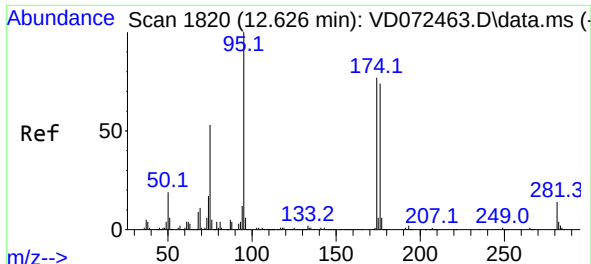
Tgt Ion: 98 Resp: 1012994
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#56
Ethyl methacrylate
Concen: 1.287 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 69 Resp: 591
Ion Ratio Lower Upper
69 100
41 37.4 63.0 94.6#
39 0.0 33.8 50.8#

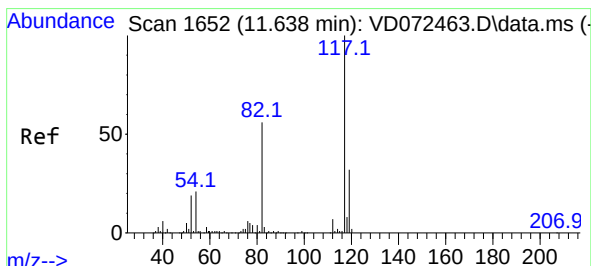
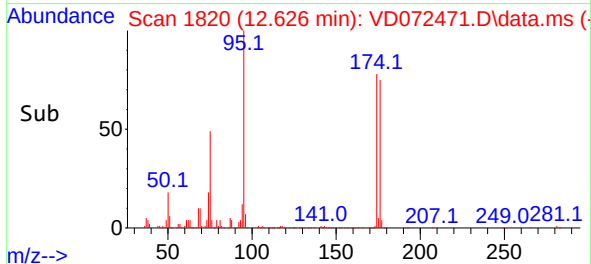
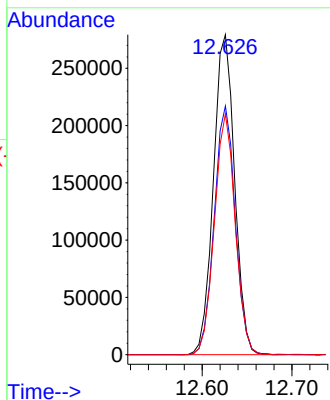
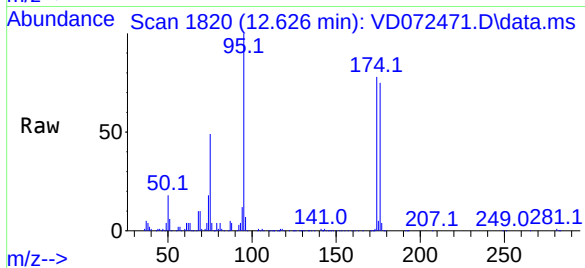




#62
4-Bromofluorobenzene
Concen: 53.721 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

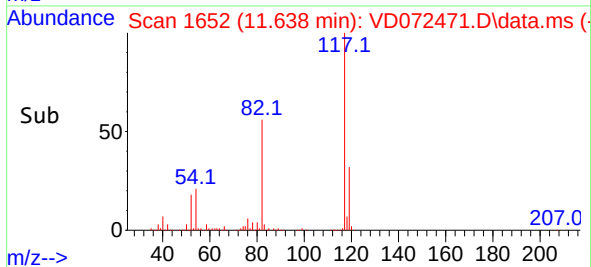
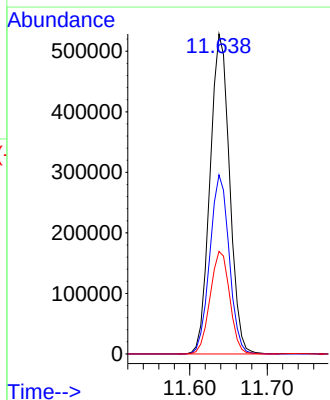
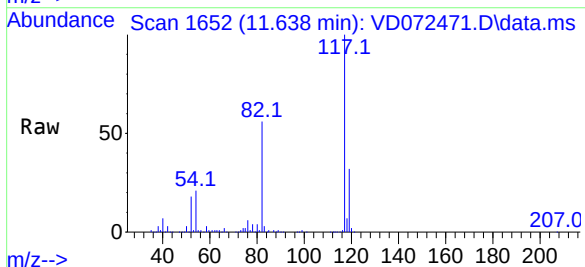
Instrument :
MSVOA_D
ClientSampleId :
VD0330SBL01

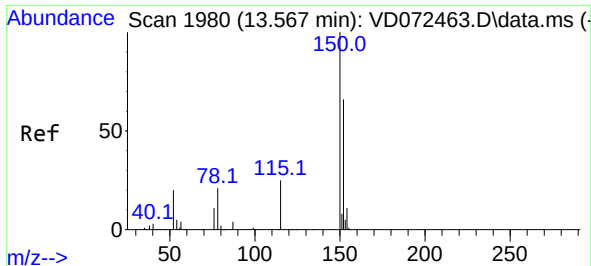
Tgt Ion: 95 Resp: 458129
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072471.D
Acq: 30 Mar 2022 11:30

Tgt Ion: 117 Resp: 925283
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.1 26.6 40.0

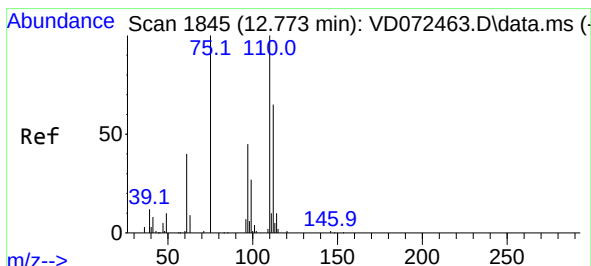
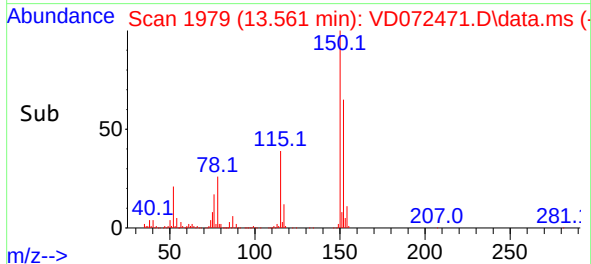
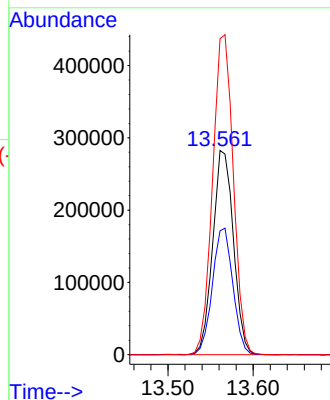
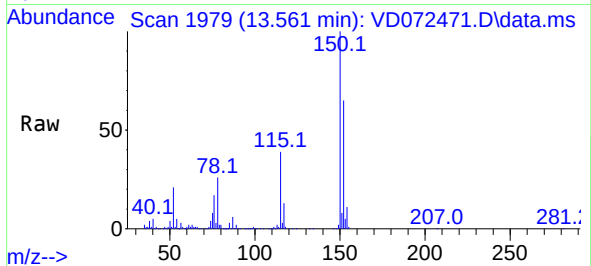




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

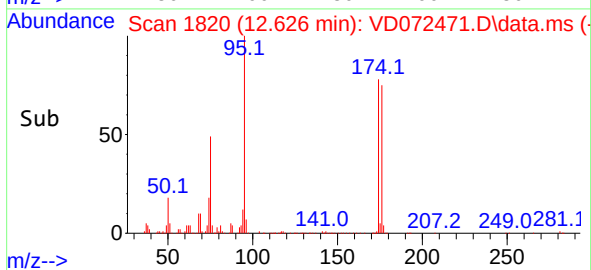
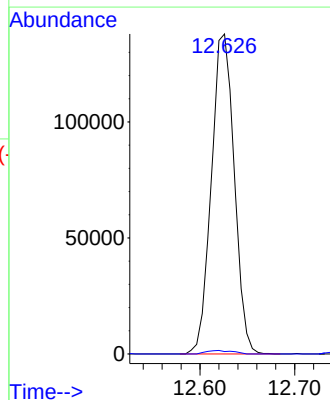
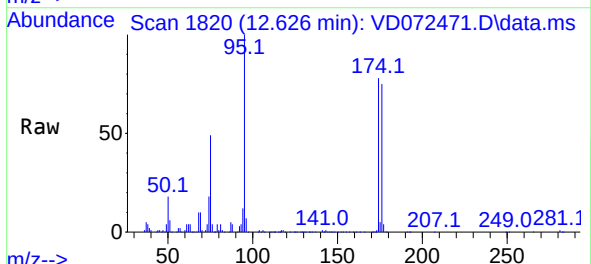
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBL01

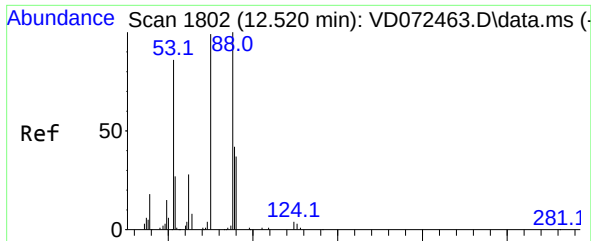
Tgt Ion:152 Resp: 476852
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.3 93.8
 150 156.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.664 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

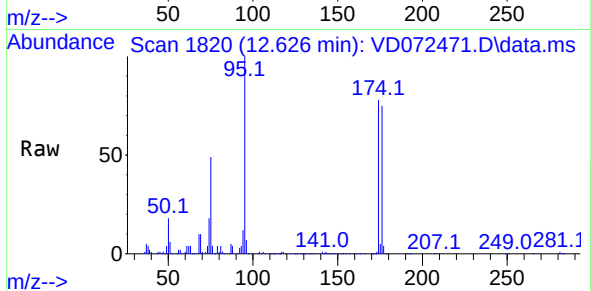
Tgt Ion: 75 Resp: 232289
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.596 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072471.D
 Acq: 30 Mar 2022 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0330SBL01



Tgt Ion: 75 Resp: 232289
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

