

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072496.D
 Acq On : 01 Apr 2022 12:07
 Operator : VA/SY
 Sample : VD0401SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBL01

Quant Time: Apr 02 02:35:56 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)

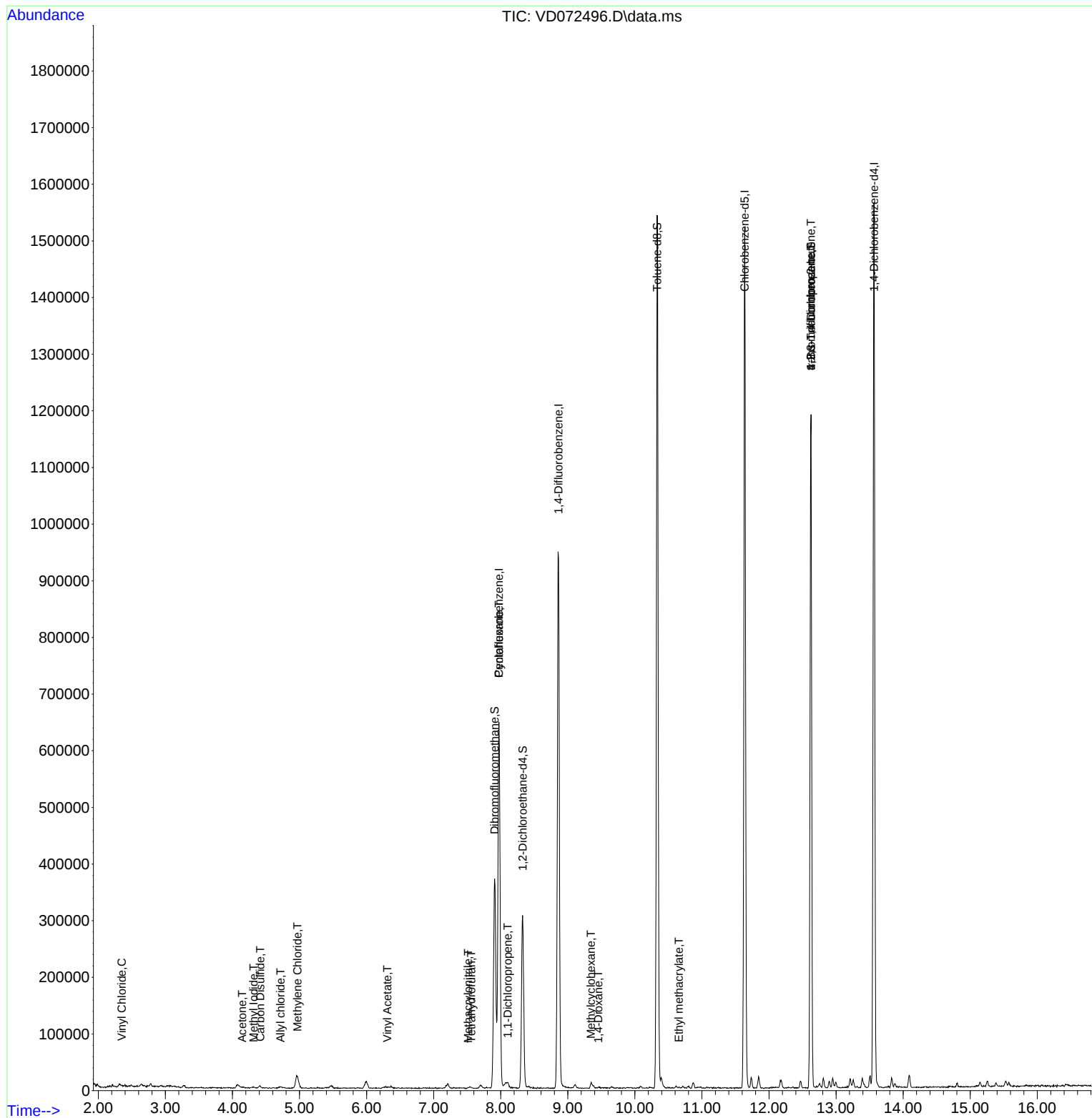
Internal Standards						
1) Pentafluorobenzene	7.973	168	472204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	885925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	433515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246659	43.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.360%		
35) Dibromofluoromethane	7.909	113	269458	40.701	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.400%		
50) Toluene-d8	10.332	98	1028714	44.701	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.400%		
62) 4-Bromofluorobenzene	12.626	95	414135	46.078	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.160%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	1615	1.348	ug/l #	75
10) Methyl Iodide	4.315	142	3625	4.394	ug/l #	39
14) Allyl chloride	4.715	41	2840	1.500	ug/l #	77
16) Acetone	4.144	43	2785	2.615	ug/l #	47
17) Carbon Disulfide	4.415	76	6480	4.280	ug/l	97
20) Methylene Chloride	4.968	84	17938	2.829	ug/l #	75
23) Vinyl Acetate	6.309	43	4724	6.791	ug/l	97
29) Tetrahydrofuran	7.562	42	1092	1.228	ug/l #	53
31) Cyclohexane	7.973	56	13261	1.775	ug/l #	51
36) 1,1-Dichloropropene	8.103	75	3366	1.513	ug/l	84
39) Methylcyclohexane	9.344	83	3585	3.220	ug/l	85
41) Methacrylonitrile	7.515	41	299	1.799	ug/l #	52
49) 1,4-Dioxane	9.456	88	144	3.587	ug/l #	21
56) Ethyl methacrylate	10.656	69	796	1.314	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	204612	43.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	204612	106.189	ug/l #	7

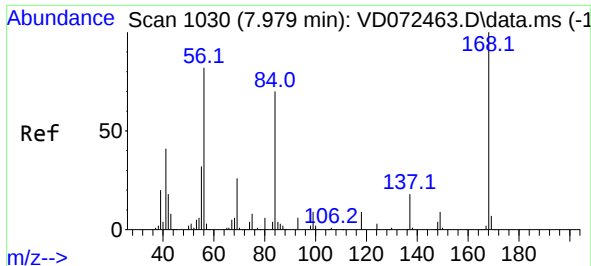
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 02:35:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
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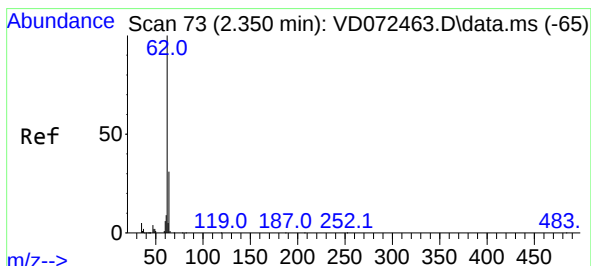
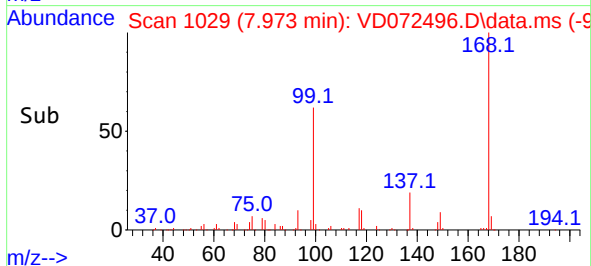
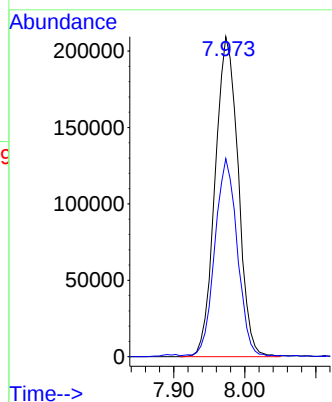
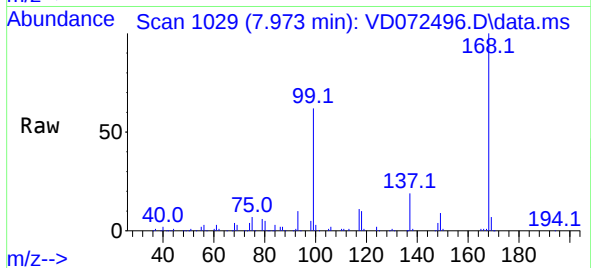




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

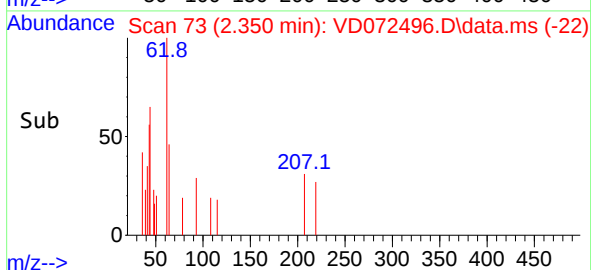
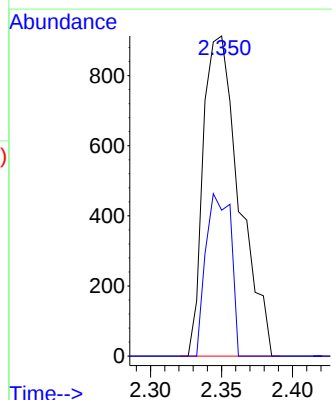
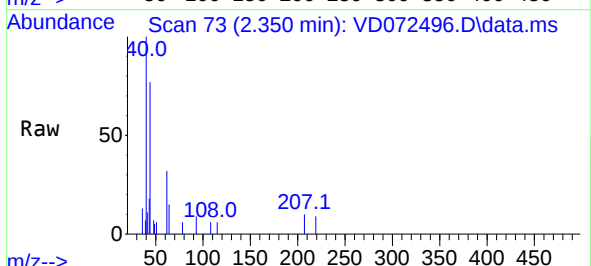
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

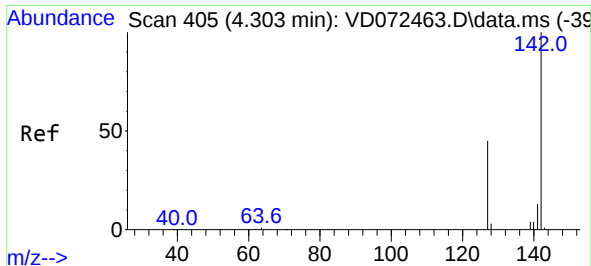
Tgt Ion:168 Resp: 472204
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#4
Vinyl Chloride
Concen: 1.348 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 62 Resp: 1615
Ion Ratio Lower Upper
62 100
64 45.6 25.4 38.0#

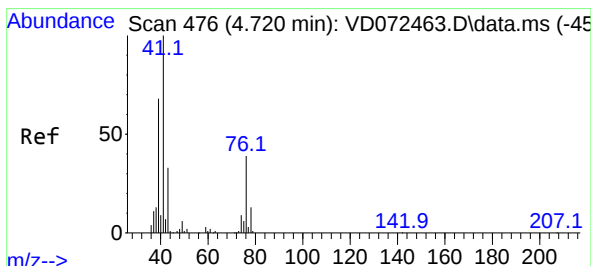
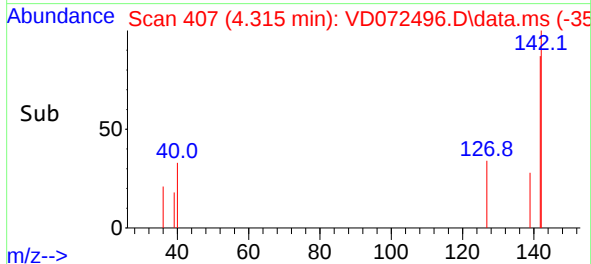
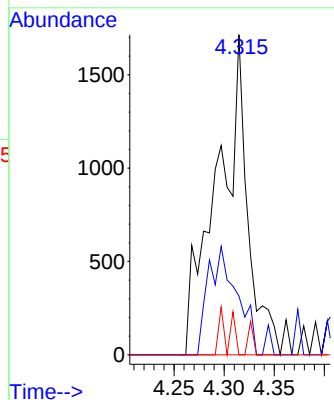
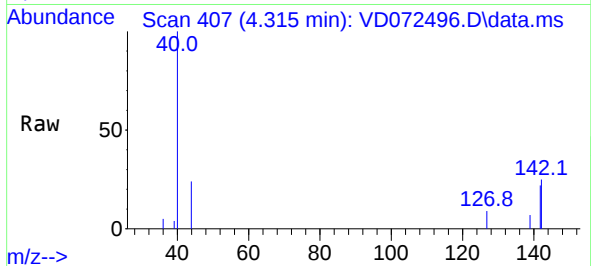




#10
Methyl Iodide
Concen: 4.394 ug/l
RT: 4.315 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

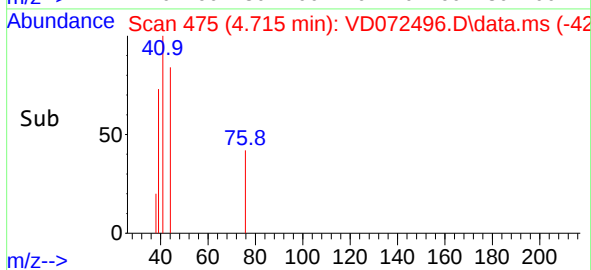
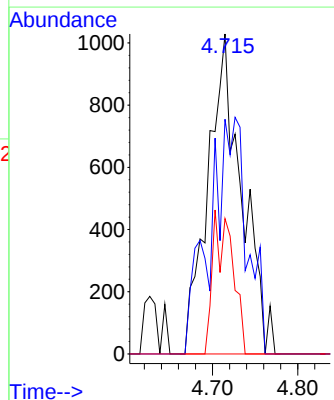
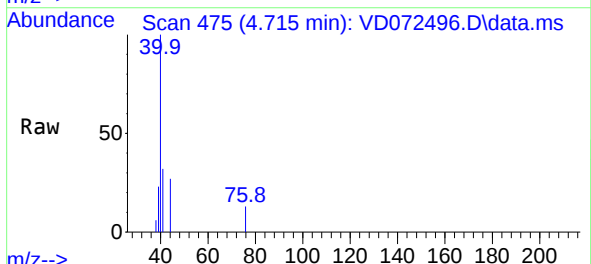
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

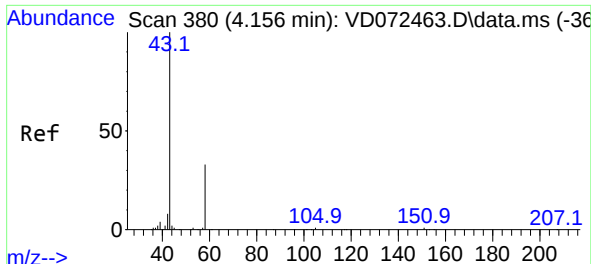
Tgt Ion:142 Resp: 3625
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 1.7 11.7 17.5#



#14
Allyl chloride
Concen: 1.500 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 41 Resp: 2840
Ion Ratio Lower Upper
41 100
39 81.2 59.3 88.9
76 0.0 25.7 38.5#

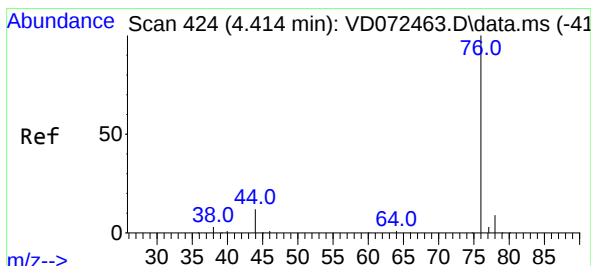
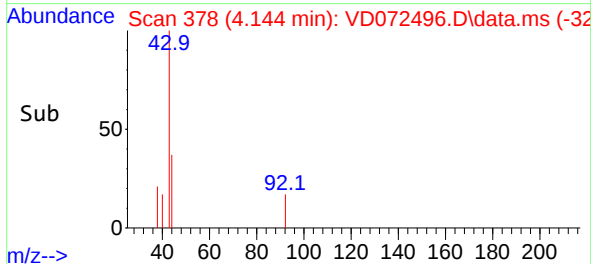
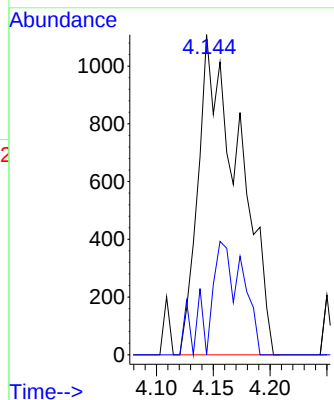
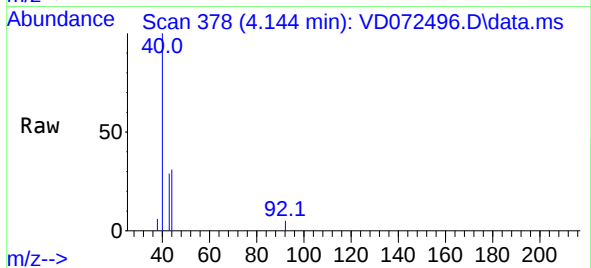




#16
Acetone
Concen: 2.615 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

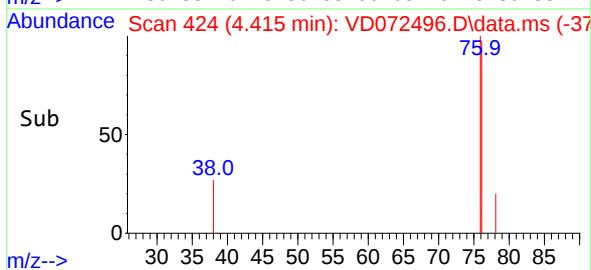
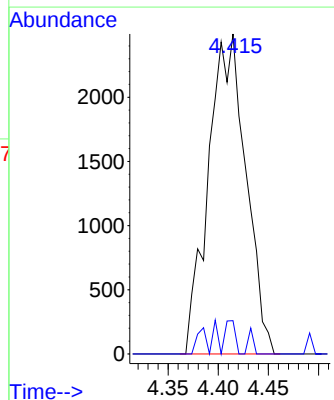
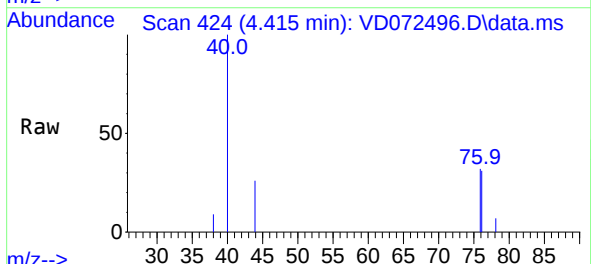
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

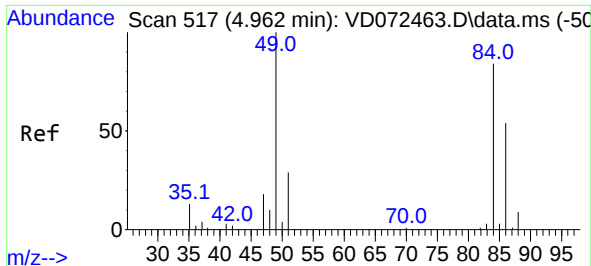
Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 4.280 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 76 Resp: 6480
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



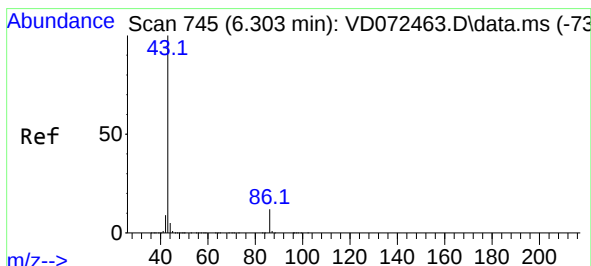
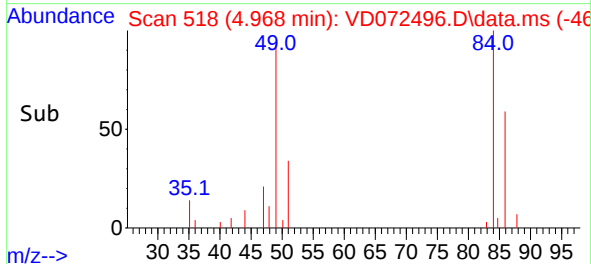
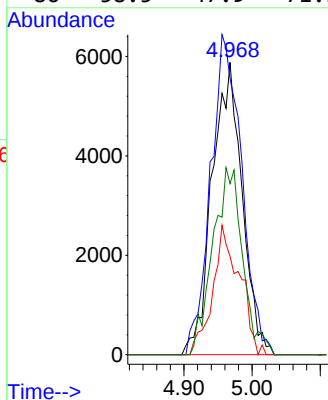
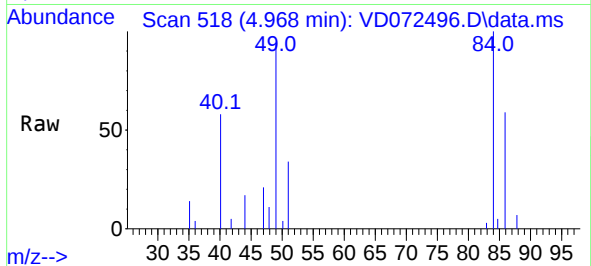


#20
Methylene Chloride
Concen: 2.829 ug/l
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

Tgt Ion: 84 Resp: 17938

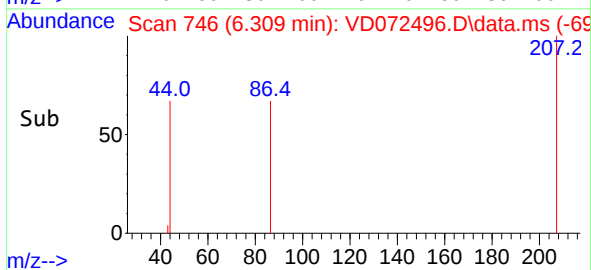
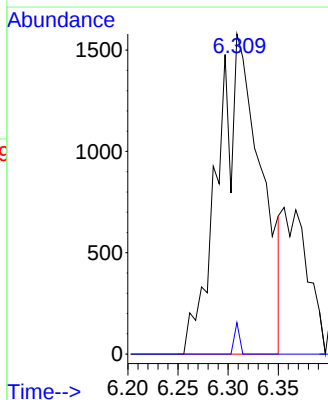
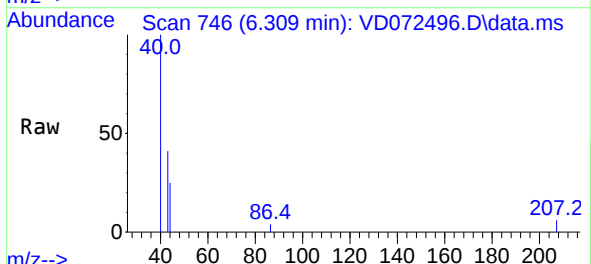
Ion	Ratio	Lower	Upper
84	100		
49	94.4	112.8	169.2#
51	33.7	32.6	48.8
86	58.5	47.9	71.9

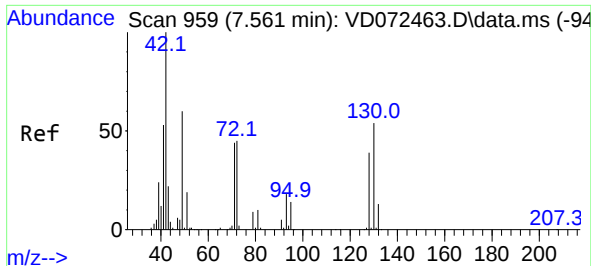


#23
Vinyl Acetate
Concen: 6.791 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 43 Resp: 4724

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.1	10.7





#29

Tetrahydrofuran

Concen: 1.228 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072496.D

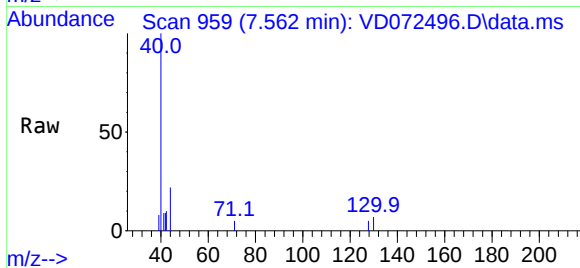
Acq: 01 Apr 2022 12:07

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBL01



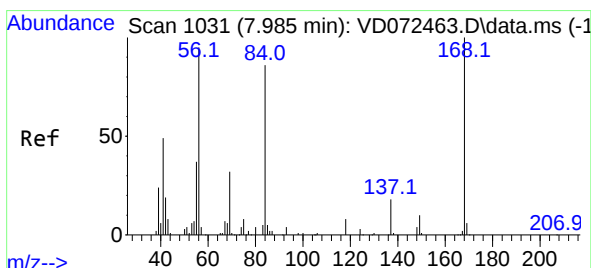
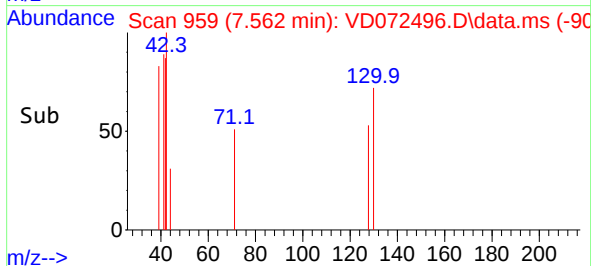
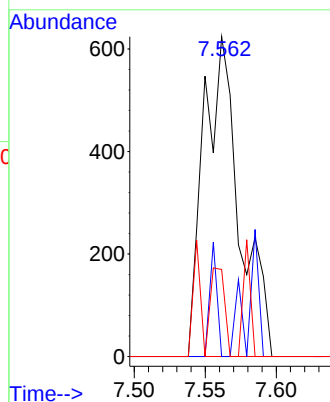
Tgt Ion: 42 Resp: 1092

Ion Ratio Lower Upper

42 100

72 7.2 30.7 46.1#

71 11.1 28.6 43.0#



#31

Cyclohexane

Concen: 1.775 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072496.D

Acq: 01 Apr 2022 12:07

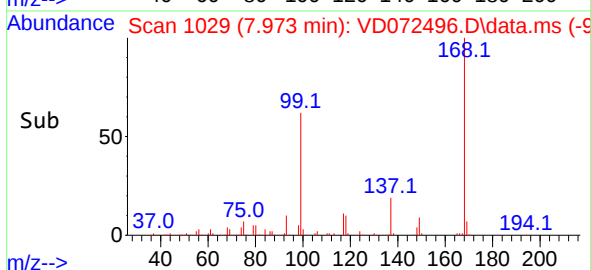
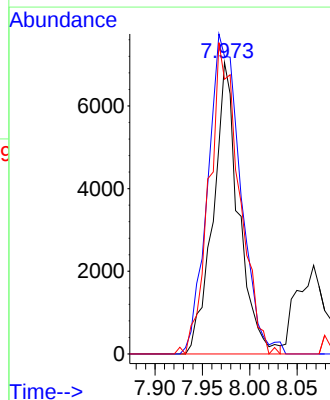
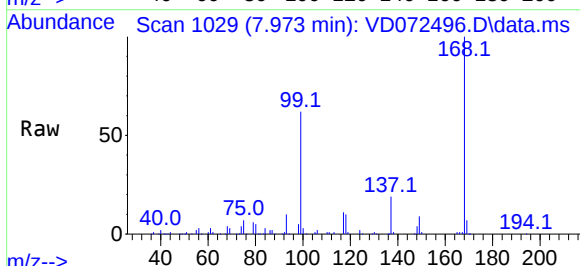
Tgt Ion: 56 Resp: 13261

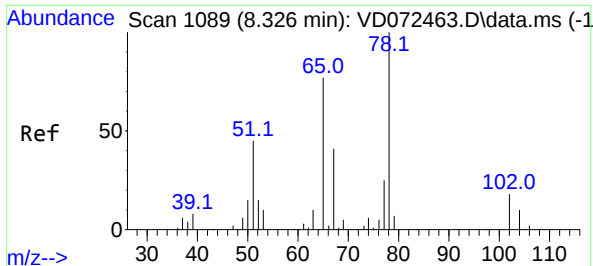
Ion Ratio Lower Upper

56 100

69 102.1 25.4 38.2#

84 94.3 63.0 94.4

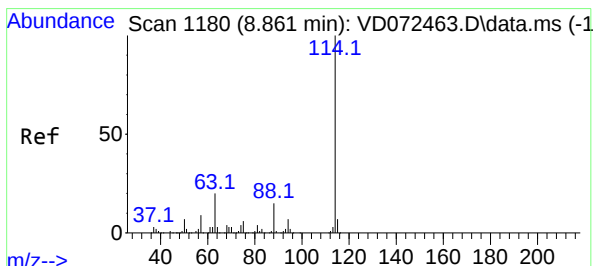
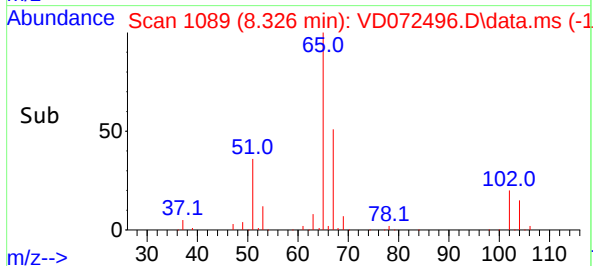
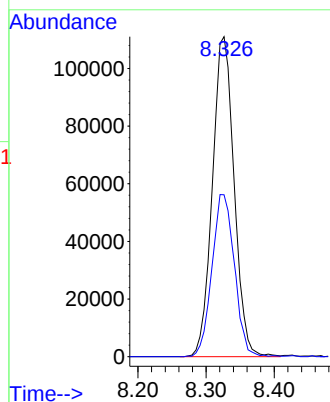
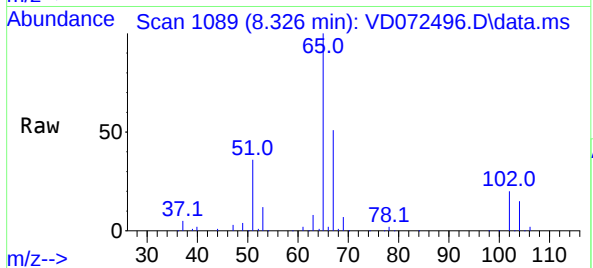




#33
1,2-Dichloroethane-d4
Concen: 43.181 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

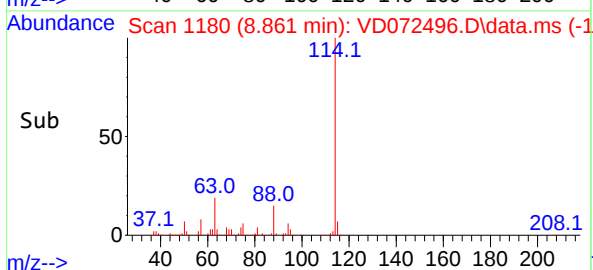
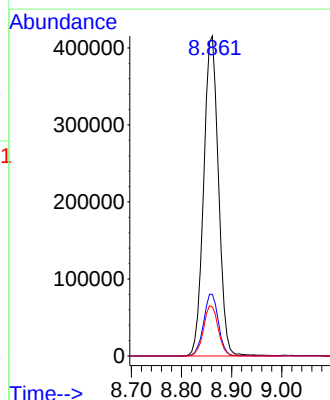
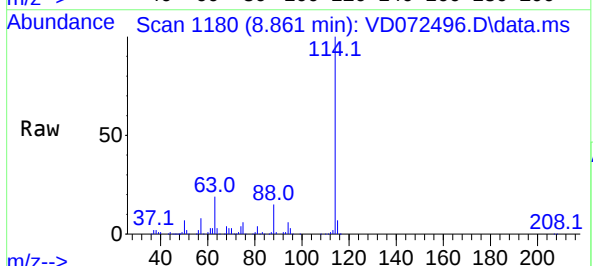
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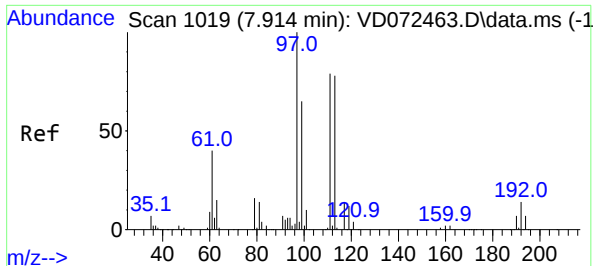
Tgt Ion: 65 Resp: 246659
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

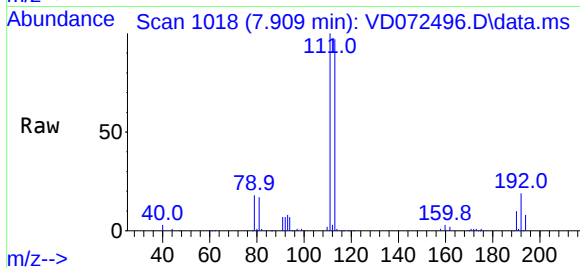
Tgt Ion: 114 Resp: 851900
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 15.4 0.0 33.2



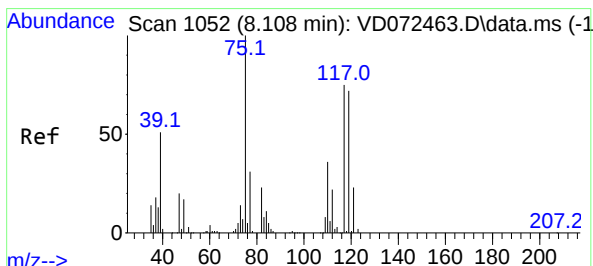
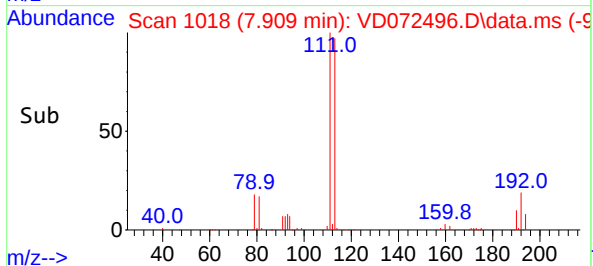
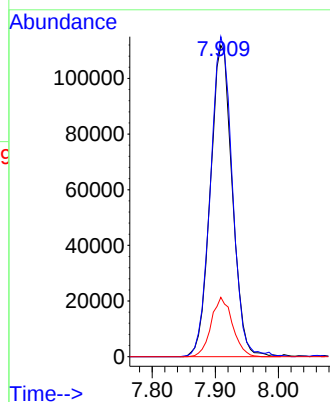


#35
Dibromofluoromethane
Concen: 40.701 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

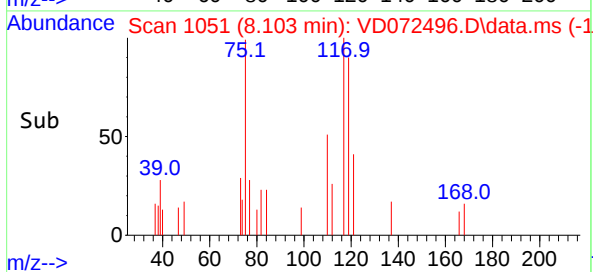
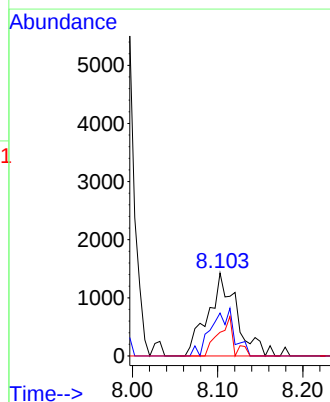
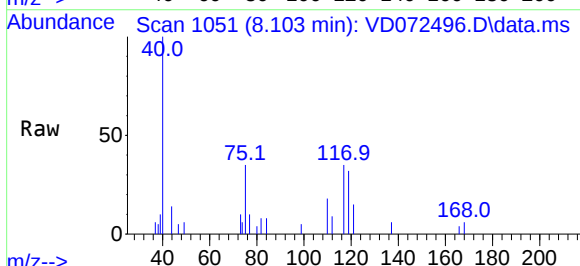


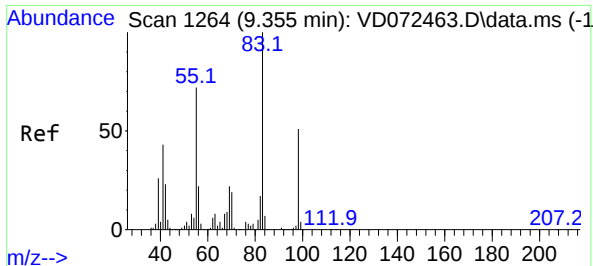
Tgt Ion:113 Resp: 269458
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.513 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.005 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 75 Resp: 3366
Ion Ratio Lower Upper
75 100
110 45.5 16.4 49.1
77 25.4 24.2 36.2

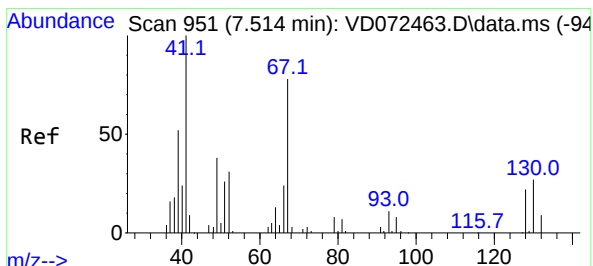
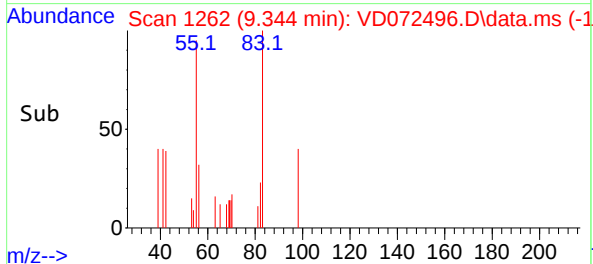
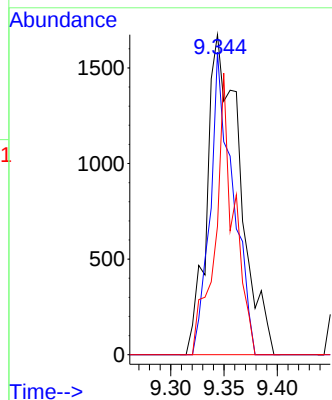
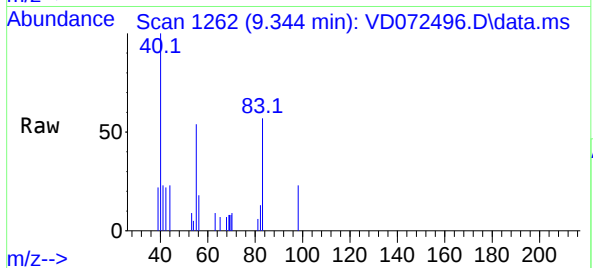




#39
Methylcyclohexane
Concen: 3.220 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

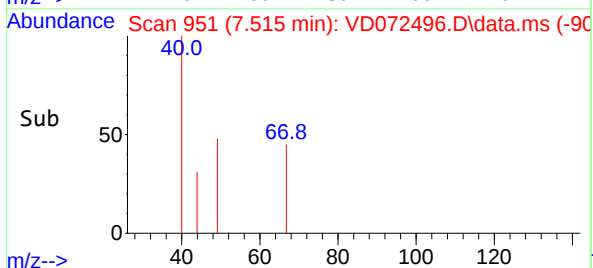
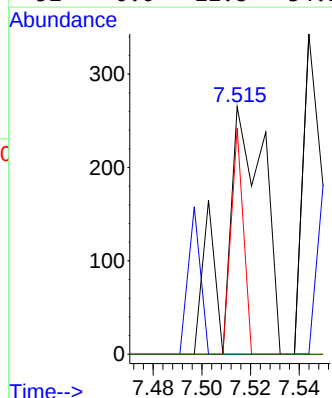
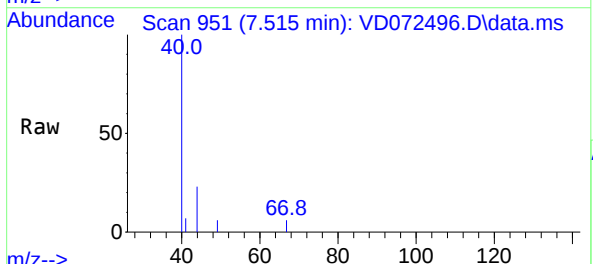
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

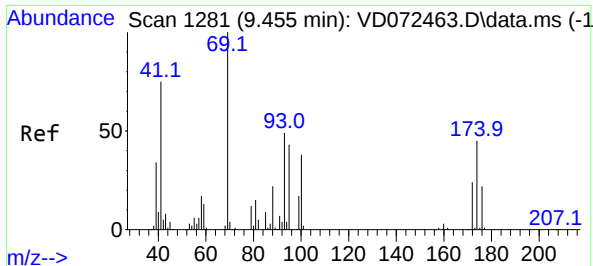
Tgt Ion:	83	Resp:	3585
Ion	Ratio	Lower	Upper
83	100		
55	94.5	63.2	94.8
98	40.1	38.2	57.4



#41
Methacrylonitrile
Concen: 1.799 ug/l
RT: 7.515 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

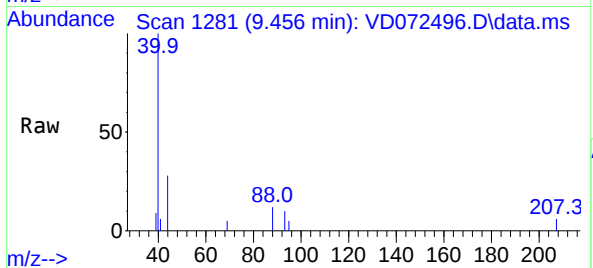
Tgt Ion:	41	Resp:	299
Ion	Ratio	Lower	Upper
41	100		
39	18.7	44.6	67.0#
67	28.4	48.2	72.4#
52	0.0	22.8	34.2#



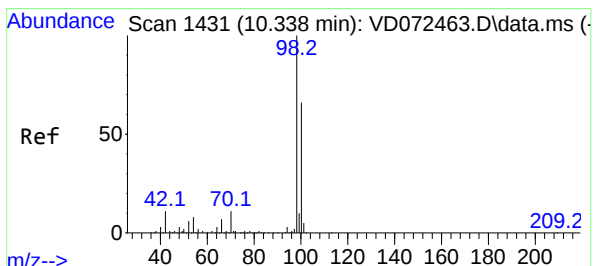
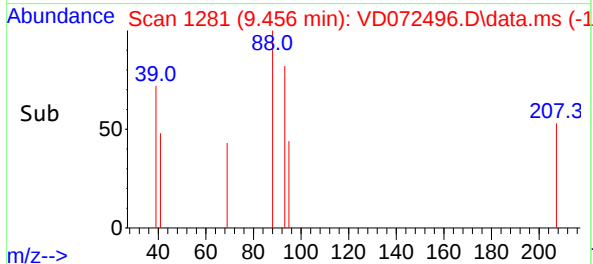
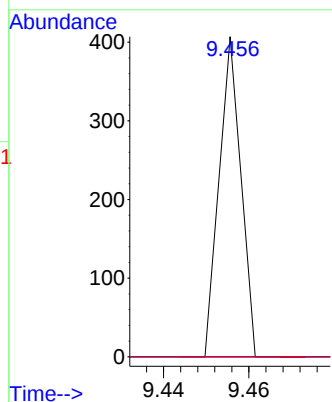


#49
1,4-Dioxane
Concen: 3.587 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

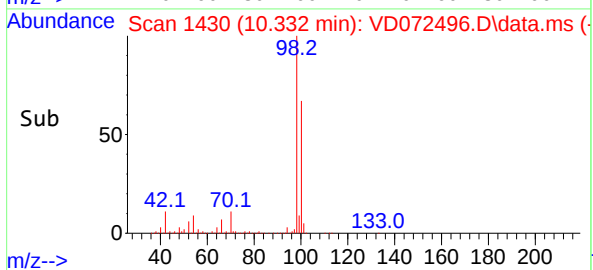
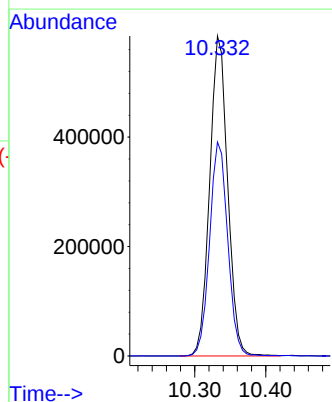
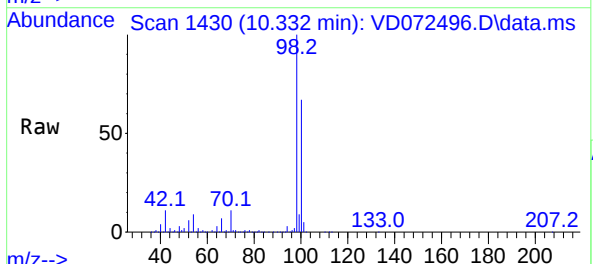


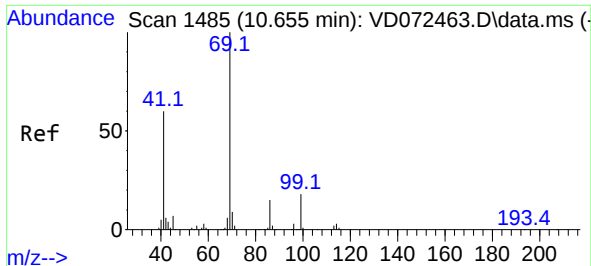
Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 44.701 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 98 Resp: 1028714
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6

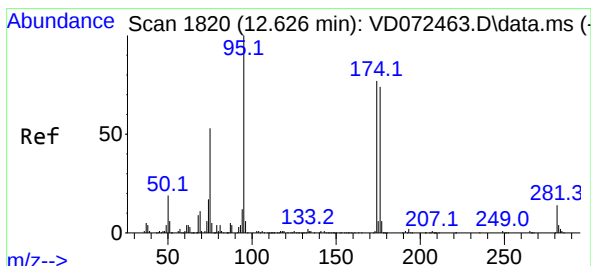
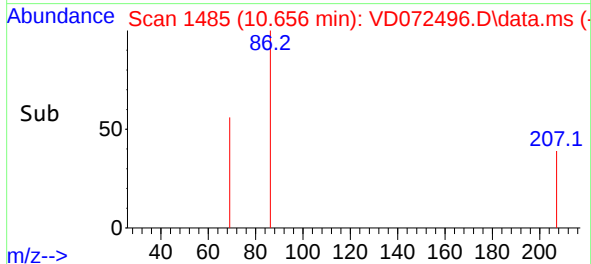
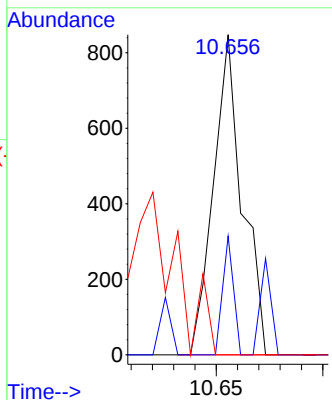
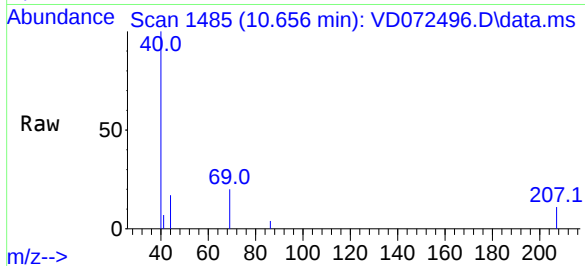




#56
Ethyl methacrylate
Concen: 1.314 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.001 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

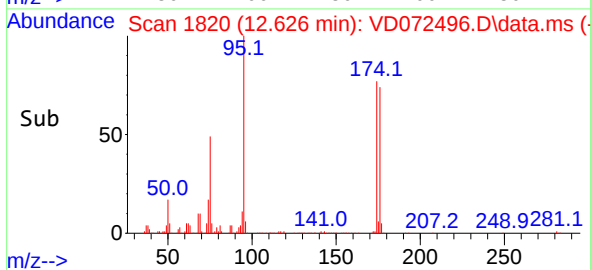
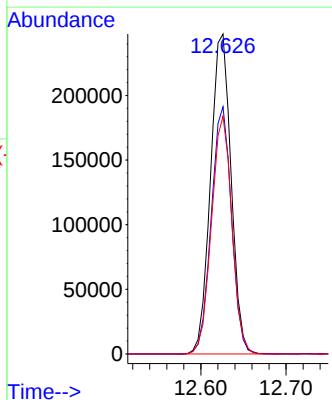
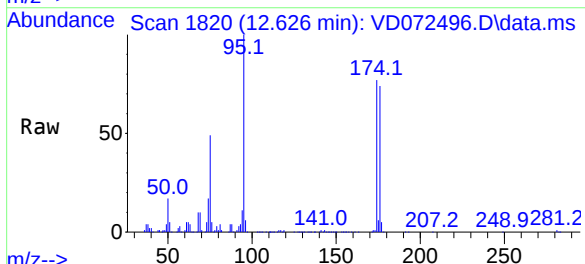
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

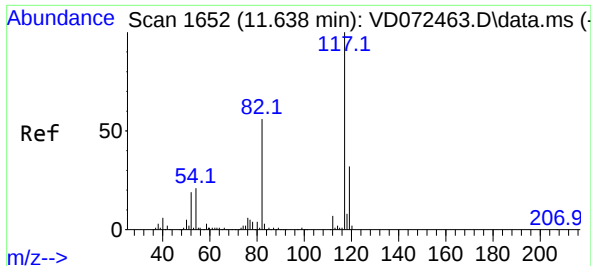
Tgt Ion: 69 Resp: 796
Ion Ratio Lower Upper
69 100
41 13.9 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 95 Resp: 414135
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.4 0.0 145.4

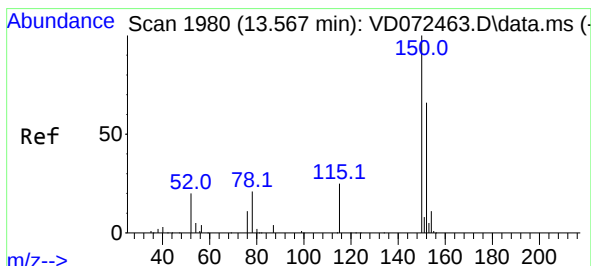
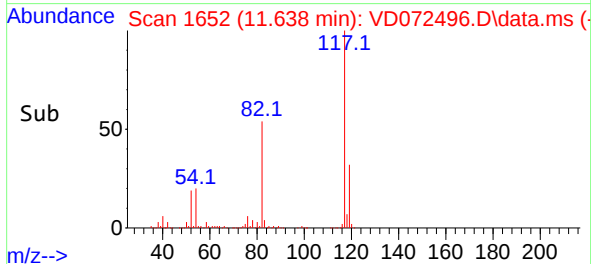
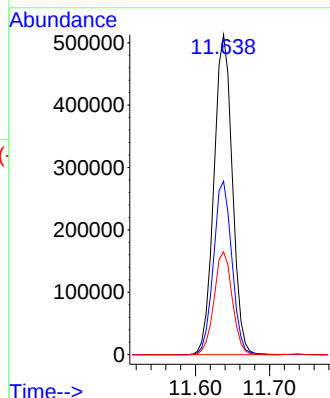
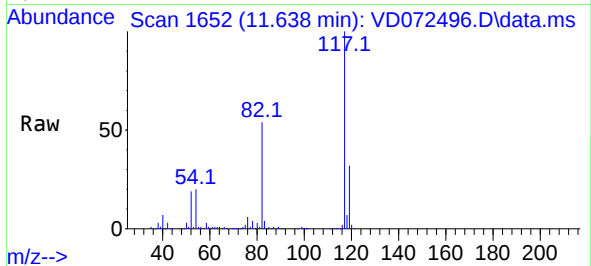




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

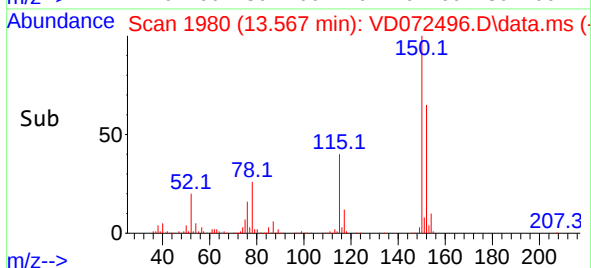
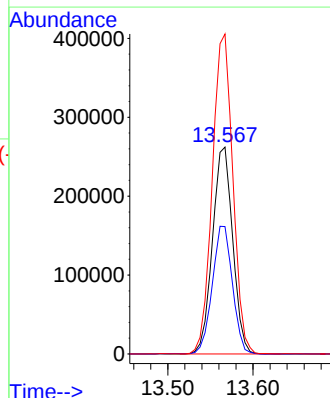
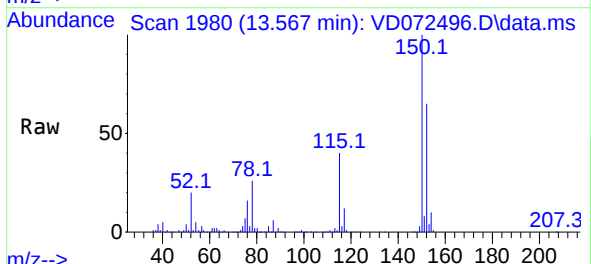
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

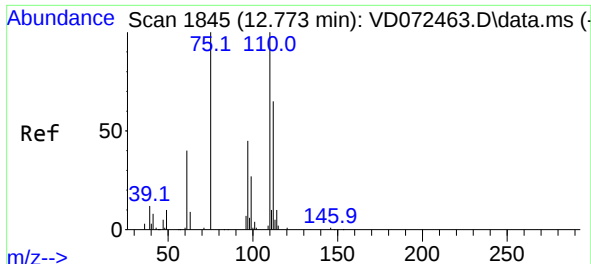
Tgt Ion:117 Resp: 885925
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion:152 Resp: 433515
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 156.8 0.0 348.6

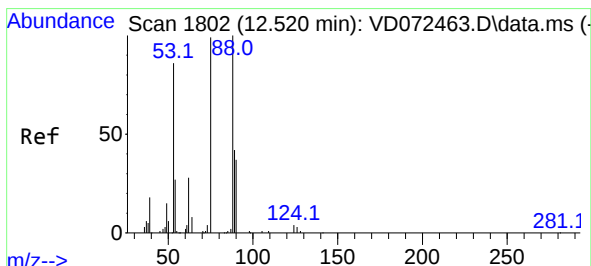
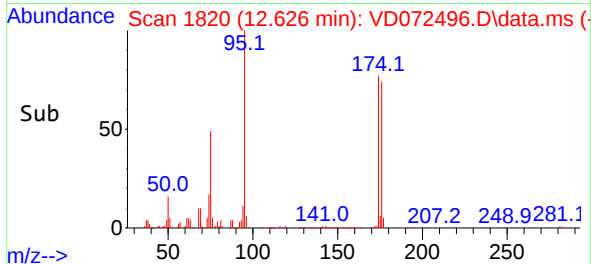
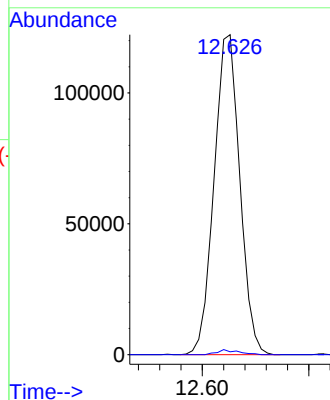
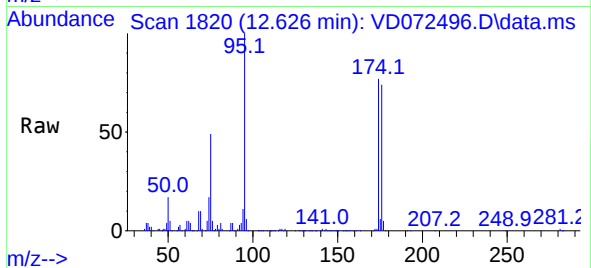




#76
1,2,3-Trichloropropane
Concen: 43.275 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

Tgt Ion: 75 Resp: 204612
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.189 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 75 Resp: 204612
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

