

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012319.D
 Acq On : 23 Jan 2023 17:21
 Operator : KP/MD
 Sample : 01251-06
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

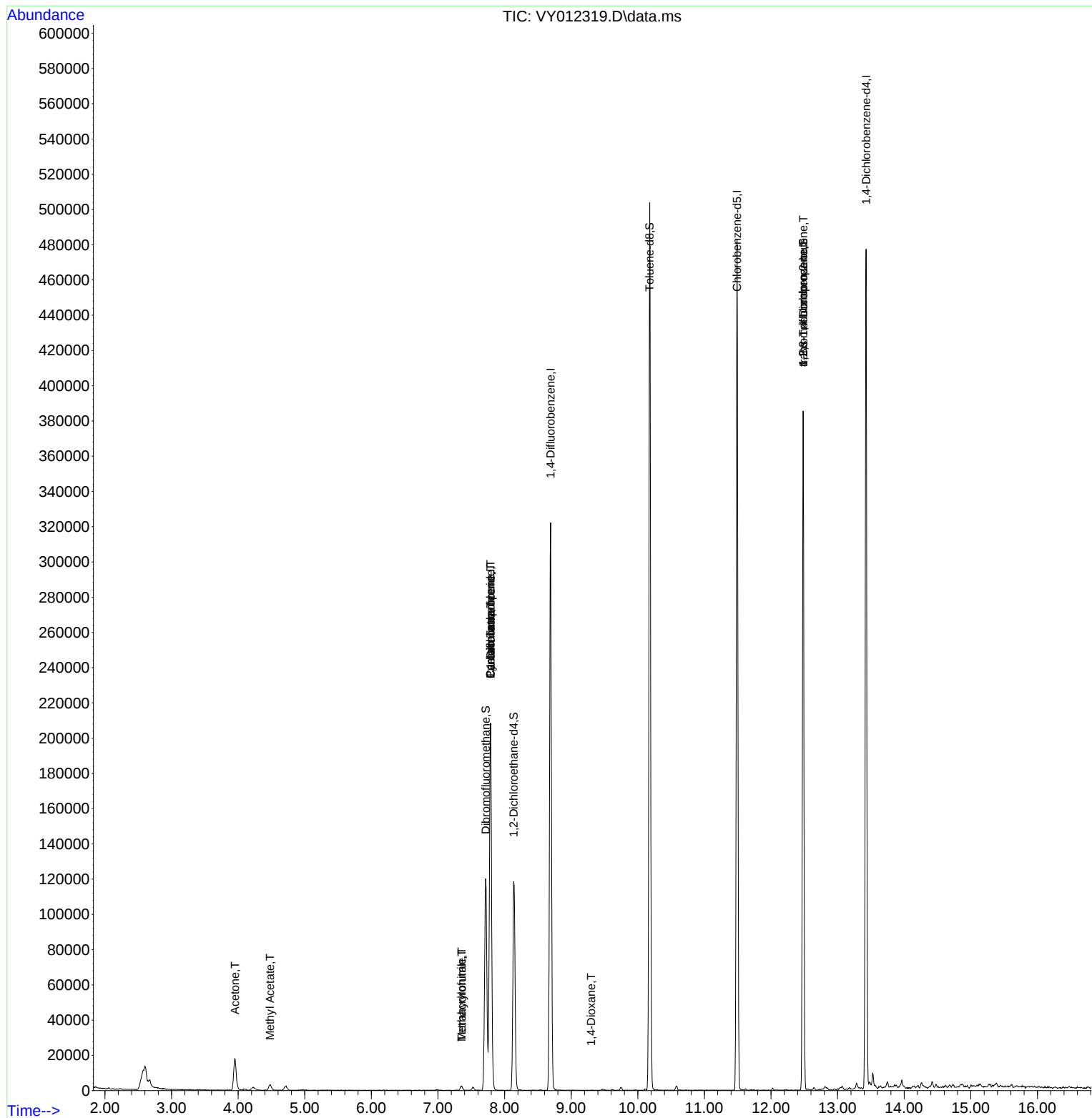
Internal Standards						
1) Pentafluorobenzene	7.789	168	164876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103817	78.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.360%			
35) Dibromofluoromethane	7.716	113	82040	56.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.400%			
50) Toluene-d8	10.179	98	332012	67.128	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 134.260%			
62) 4-Bromofluorobenzene	12.483	95	110140	53.523	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.040%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	515	Below Cal	#	74
16) Acetone	3.954	43	31466	68.538	ug/l	98
18) Methyl Acetate	4.479	43	5650	5.500	ug/l #	83
20) Methylene Chloride	4.722	84	2069	Below Cal	#	79
29) Tetrahydrofuran	7.356	42	1718	6.171	ug/l #	74
31) Cyclohexane	7.789	56	3125	1.300	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	11518	4.643	ug/l #	52
38) Carbon Tetrachloride	7.789	117	16469	5.140	ug/l #	17
41) Methacrylonitrile	7.356	41	1009	1.570	ug/l #	100
49) 1,4-Dioxane	9.301	88	26	1.908	ug/l #	24
76) 1,2,3-Trichloropropane	12.483	75	60906	52.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60906	107.458	ug/l #	13

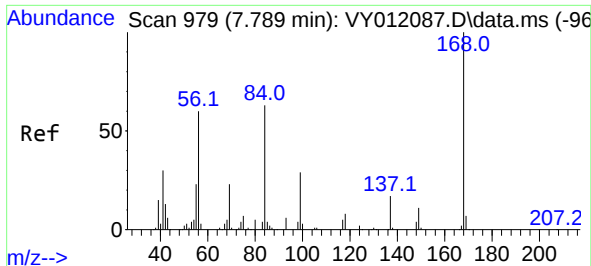
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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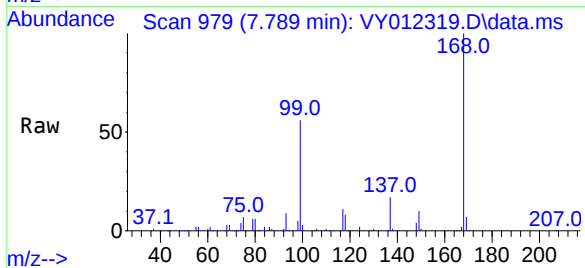
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



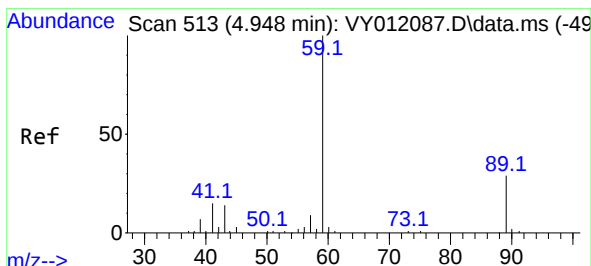
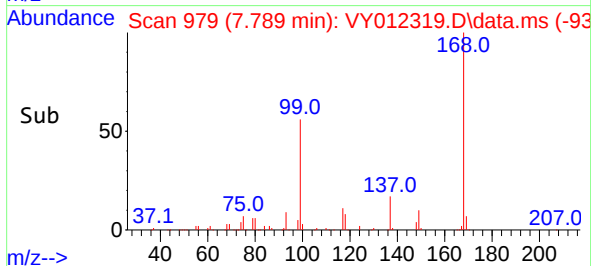
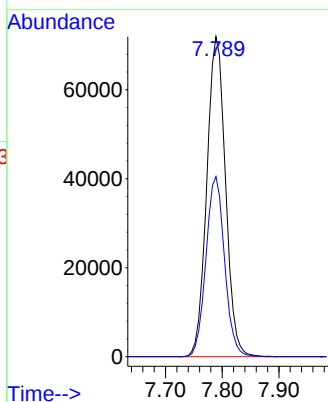


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

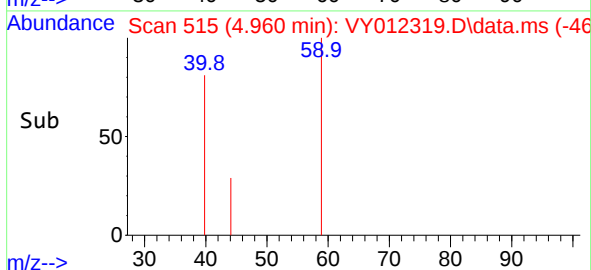
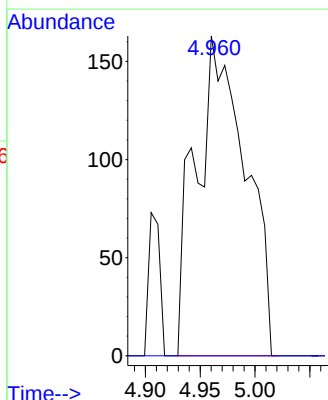
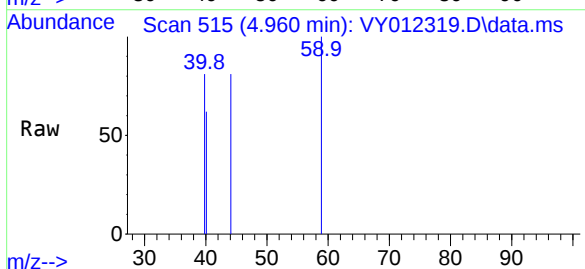


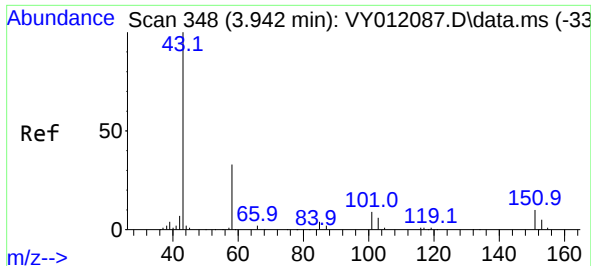
Tgt Ion:168 Resp: 164876
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

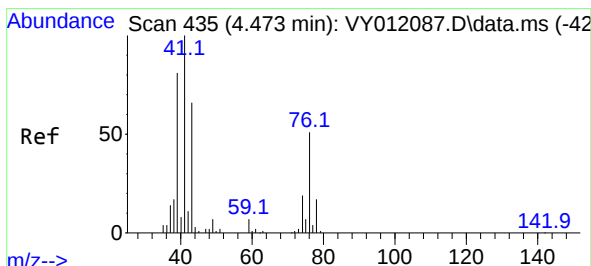
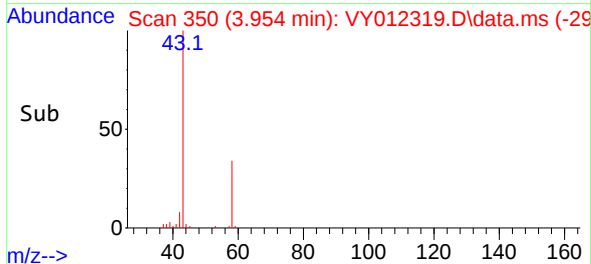
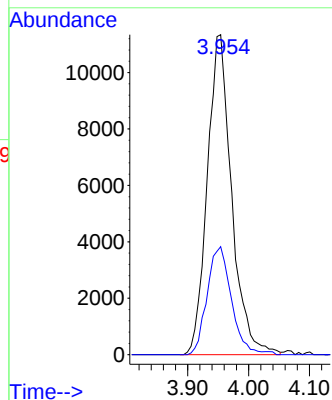
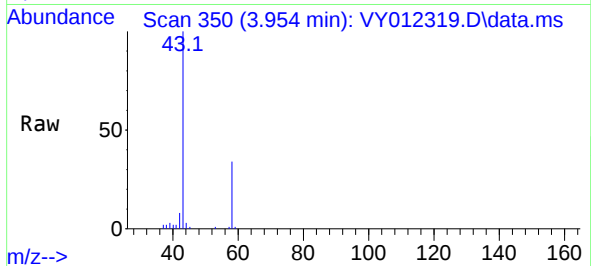




#16
Acetone
Concen: 68.538 ug/l
RT: 3.954 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

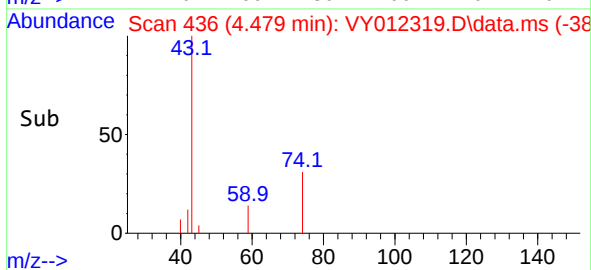
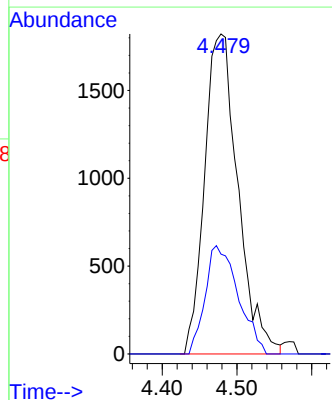
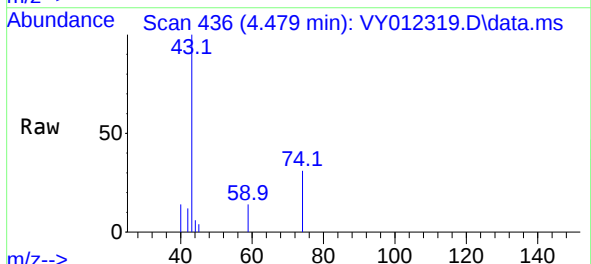
Instrument :
MSVOA_Y
ClientSampleId :

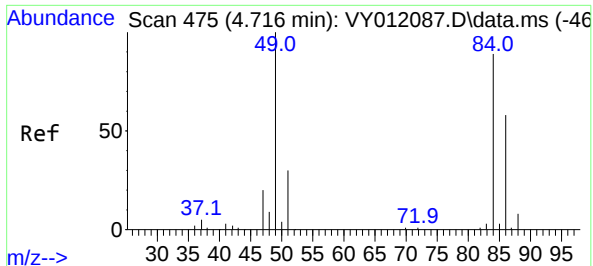
Tgt Ion: 43 Resp: 31466
Ion Ratio Lower Upper
43 100
58 33.8 27.9 41.9



#18
Methyl Acetate
Concen: 5.500 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

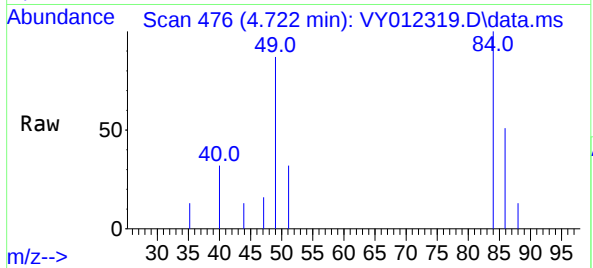
Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
74 33.5 20.1 30.1#





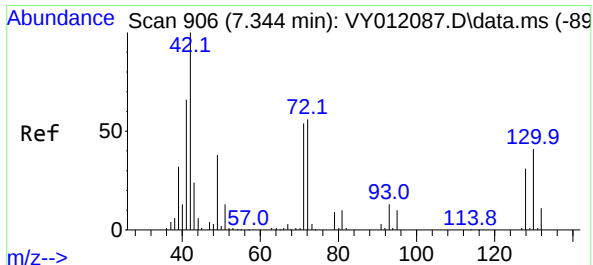
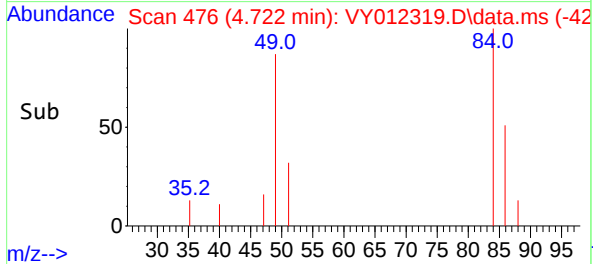
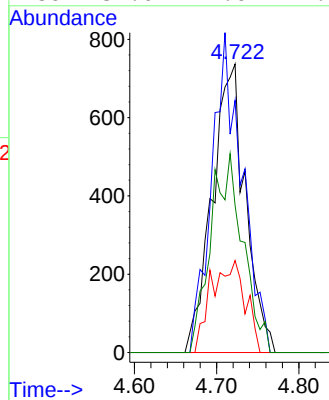
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2069

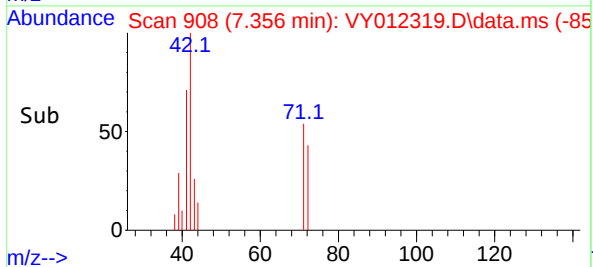
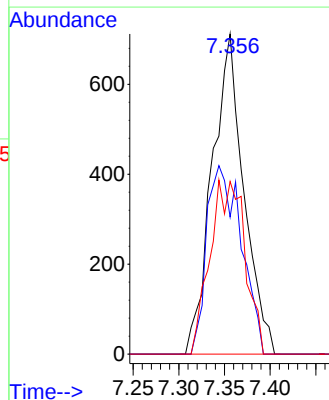
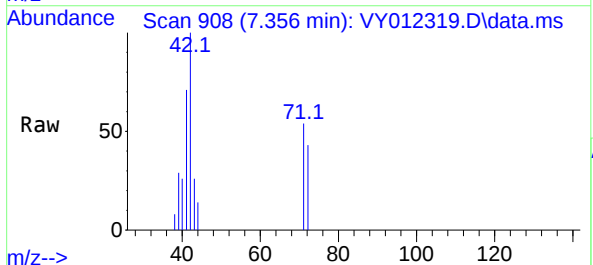
Ion	Ratio	Lower	Upper
84	100		
49	87.4	95.4	143.2#
51	31.9	29.9	44.9
86	51.0	49.6	74.4

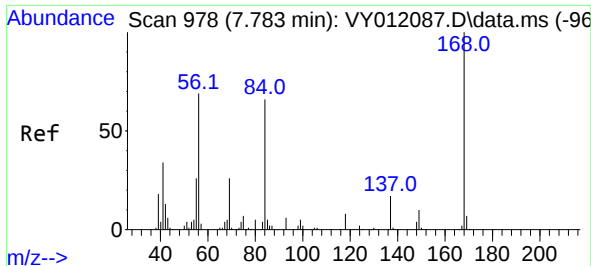


#29
Tetrahydrofuran
Concen: 6.171 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 42 Resp: 1718

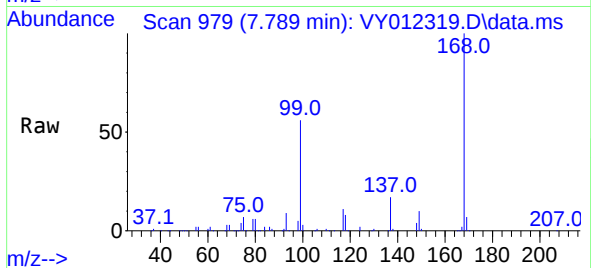
Ion	Ratio	Lower	Upper
42	100		
72	64.0	37.0	55.6#
71	59.7	34.9	52.3#



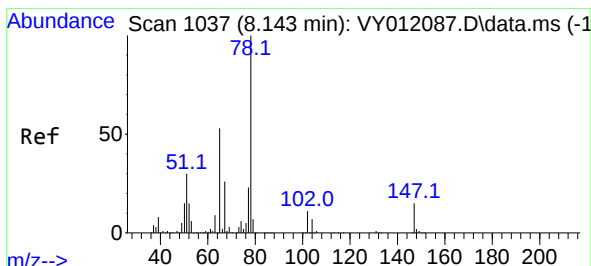
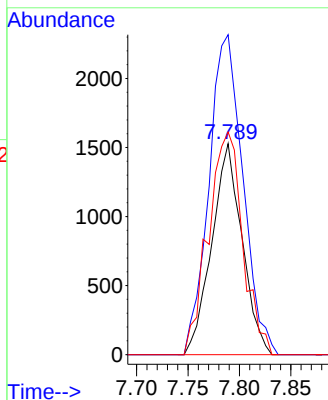
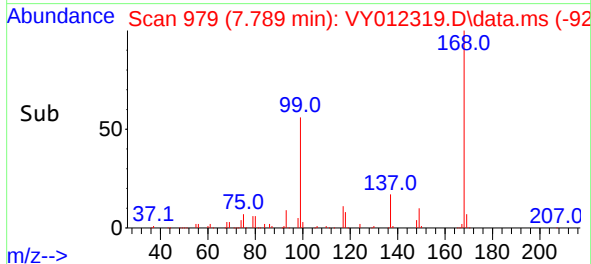


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

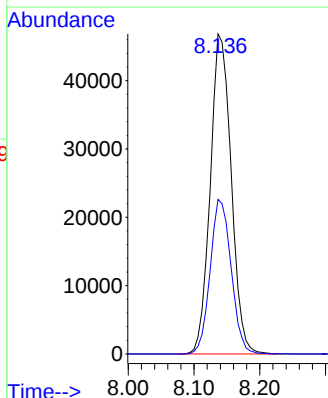
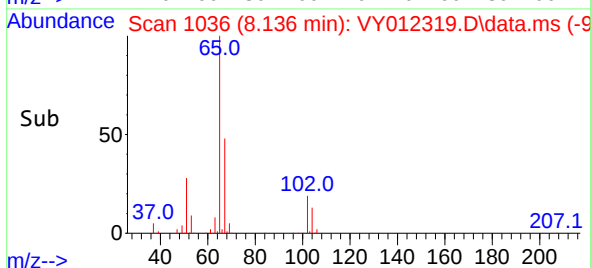
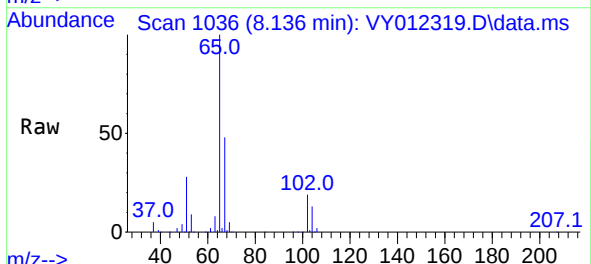


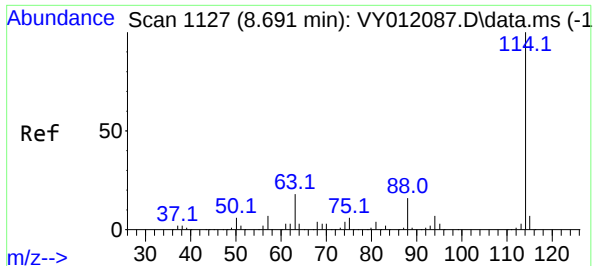
Tgt Ion: 56 Resp: 3125
Ion Ratio Lower Upper
56 100
69 151.6 29.2 43.8#
84 105.6 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 78.182 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 65 Resp: 103817
Ion Ratio Lower Upper
65 100
67 48.4 0.0 103.2

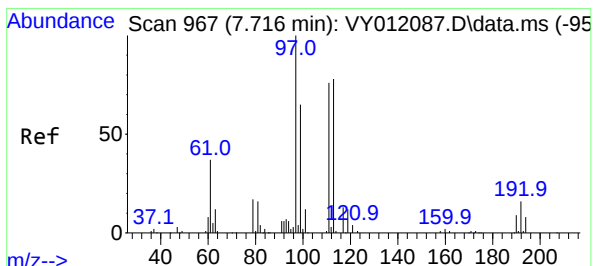
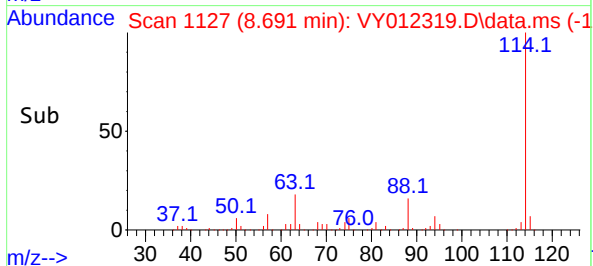
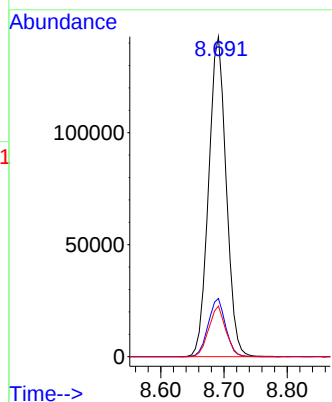
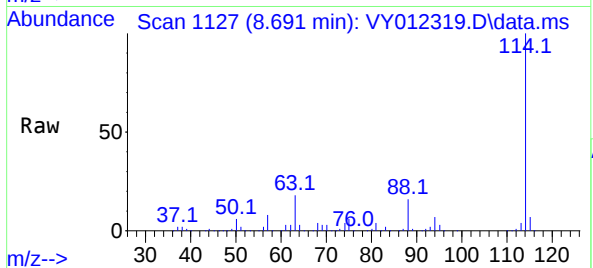




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

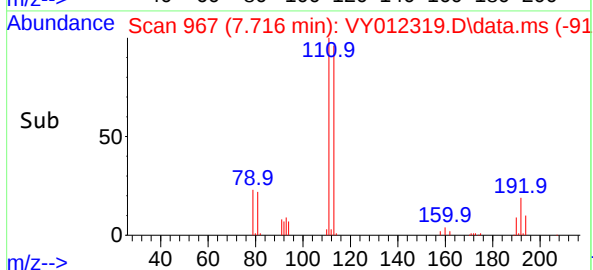
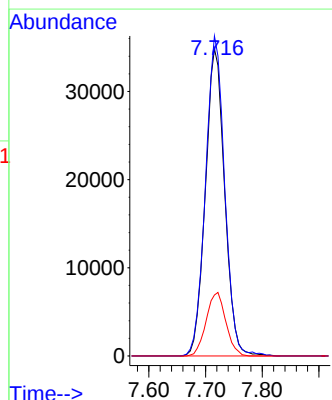
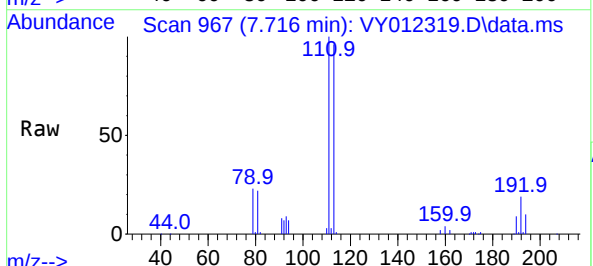
Instrument :
MSVOA_Y
ClientSampleId :

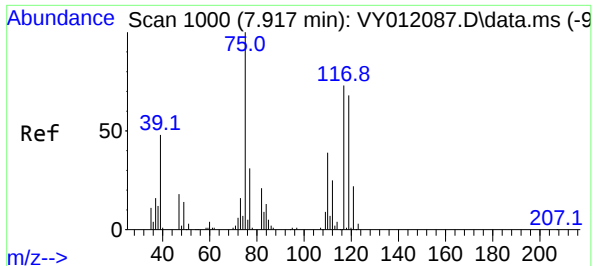
Tgt Ion:114 Resp: 275685
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 56.201 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

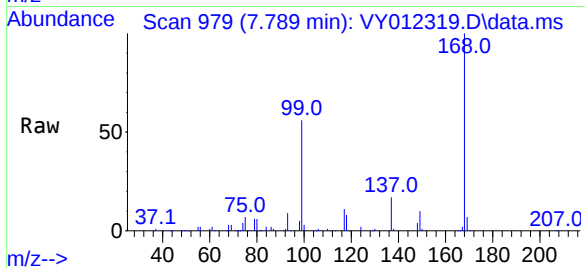
Tgt Ion:113 Resp: 82040
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 21.1 16.0 24.0



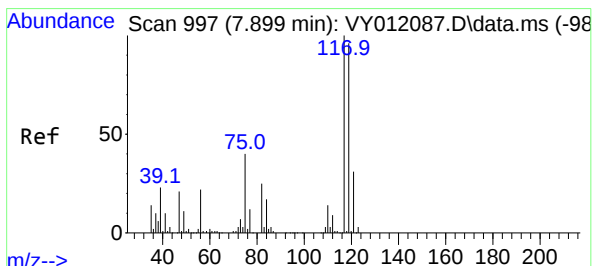
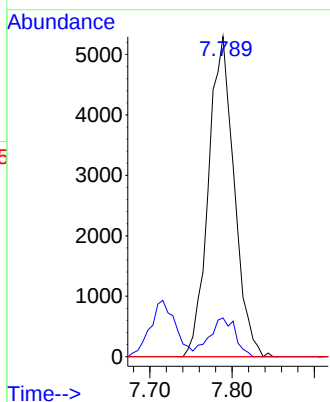
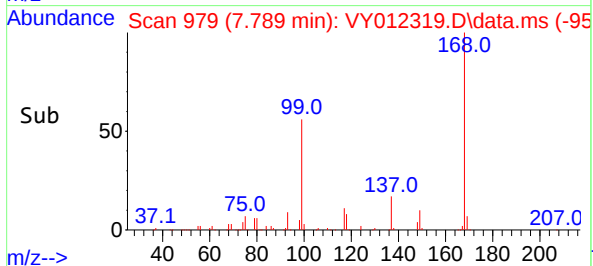


#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

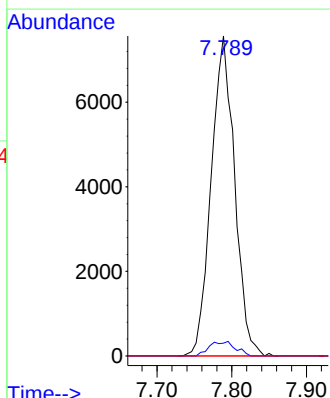
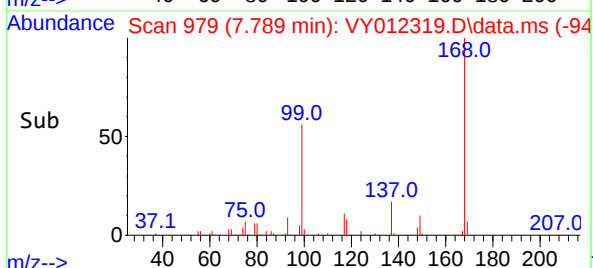
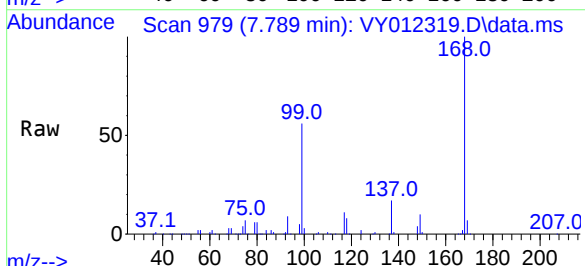


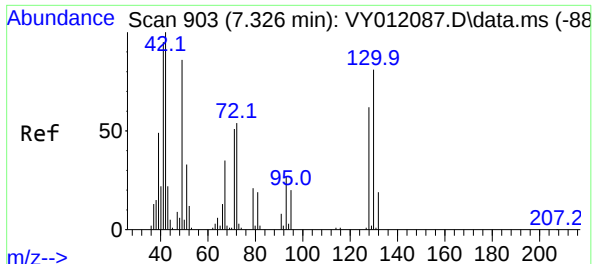
Tgt Ion: 75 Resp: 11518
Ion Ratio Lower Upper
75 100
110 12.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

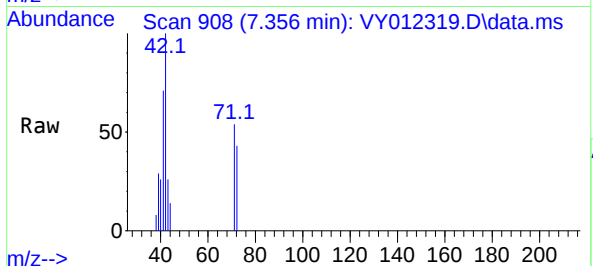
Tgt Ion: 117 Resp: 16469
Ion Ratio Lower Upper
117 100
119 4.0 73.8 110.8#
121 0.0 25.2 37.8#





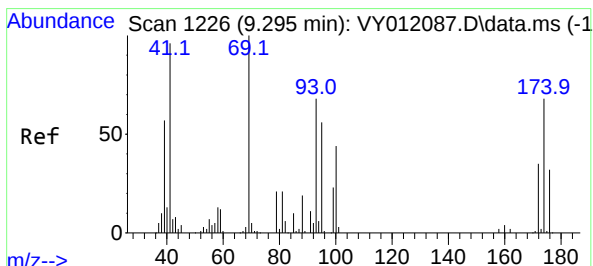
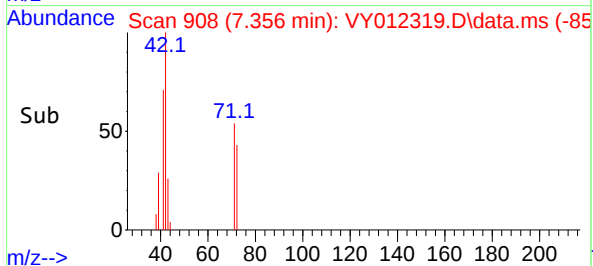
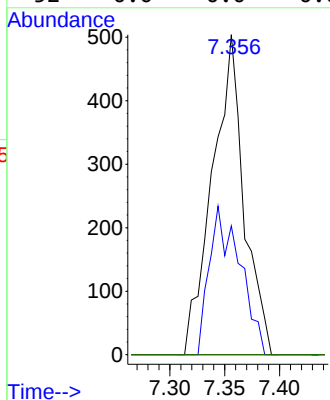
#41
Methacrylonitrile
Concen: 1.570 ug/l
RT: 7.356 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 1009

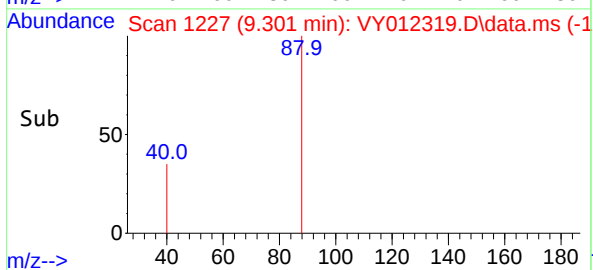
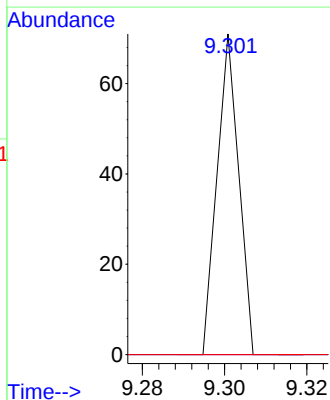
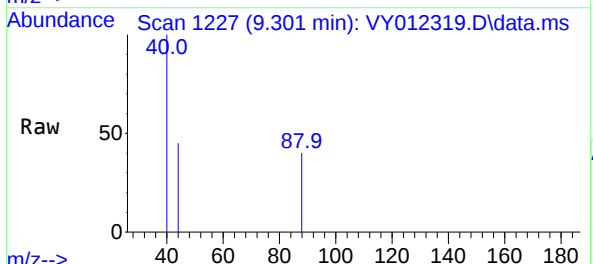
Ion	Ratio	Lower	Upper
41	100		
39	45.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

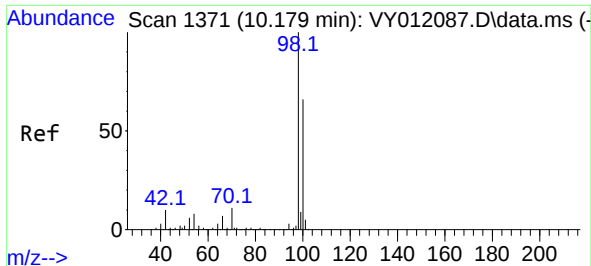


#49
1,4-Dioxane
Concen: 1.908 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.2	39.2#
58	0.0	54.3	81.5#

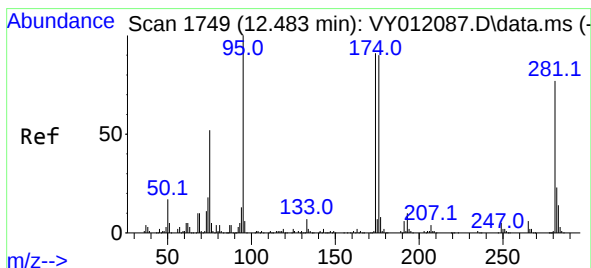
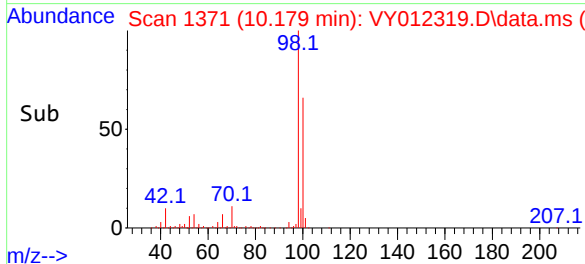
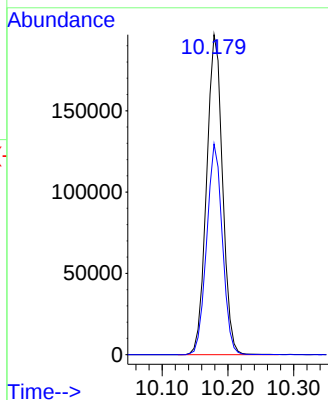
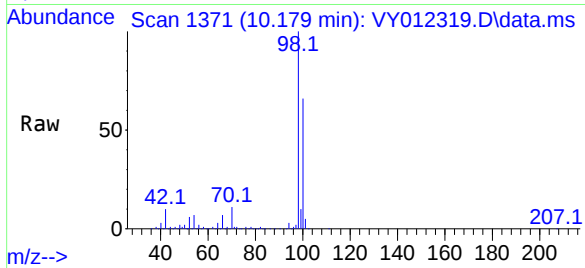




#50
Toluene-d8
Concen: 67.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

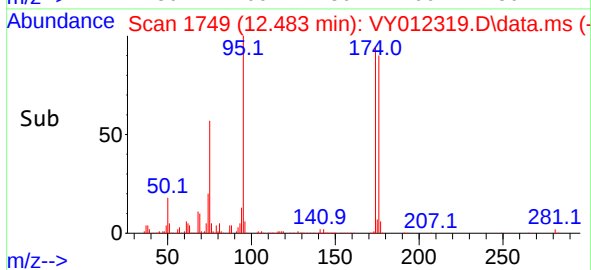
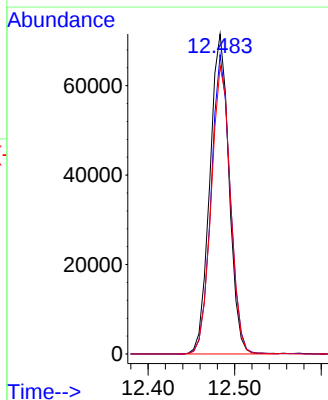
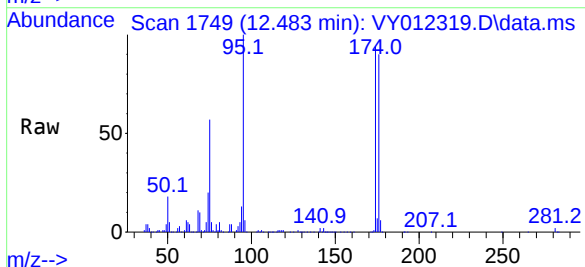
Instrument :
MSVOA_Y
ClientSampleId :

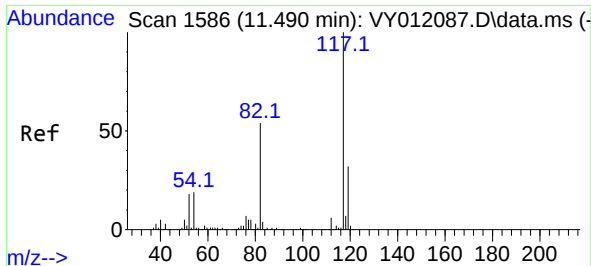
Tgt Ion: 98 Resp: 332012
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

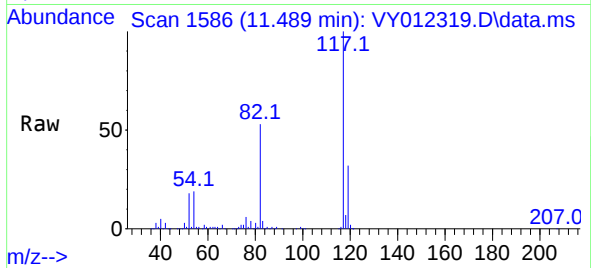
Tgt Ion: 95 Resp: 110140
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 90.0 0.0 167.6



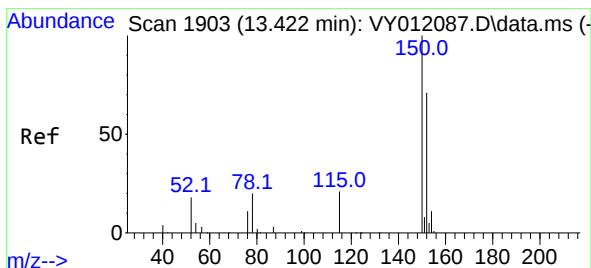
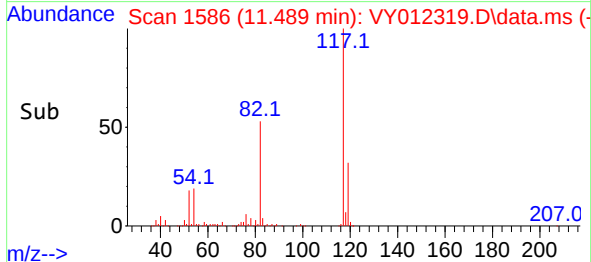
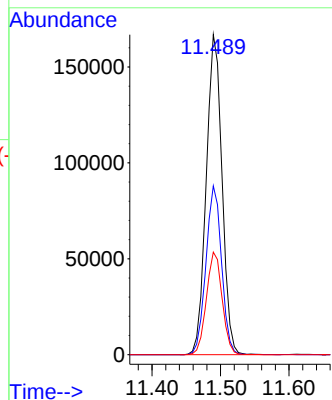


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

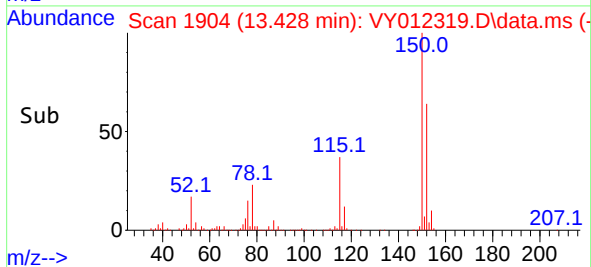
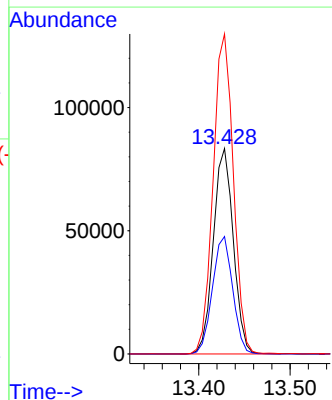
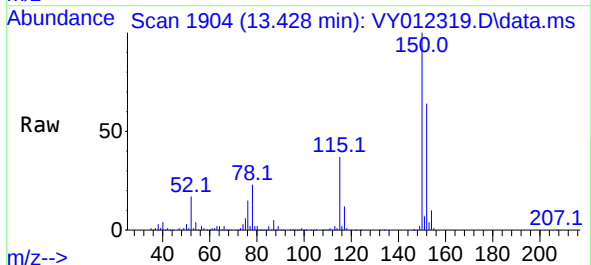


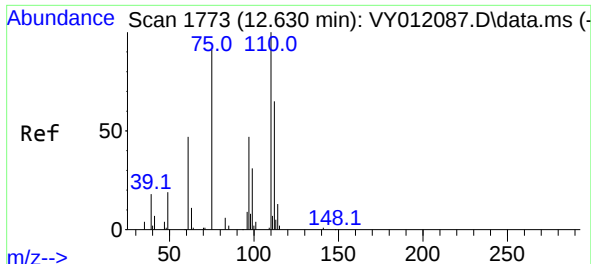
Tgt Ion:117 Resp: 267517
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion:152 Resp: 127003
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 157.8 0.0 342.6

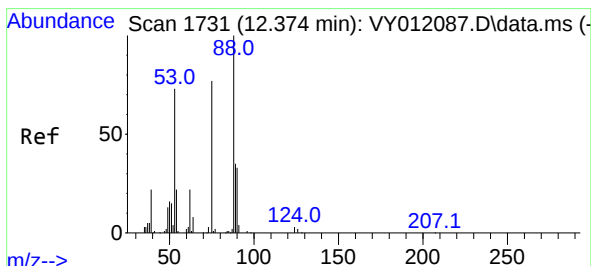
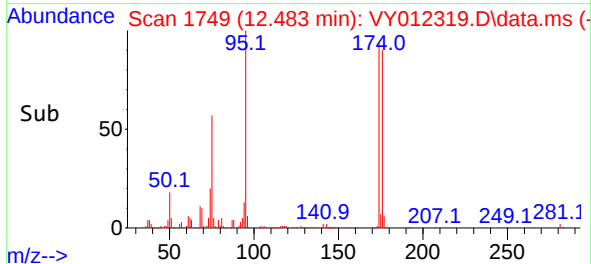
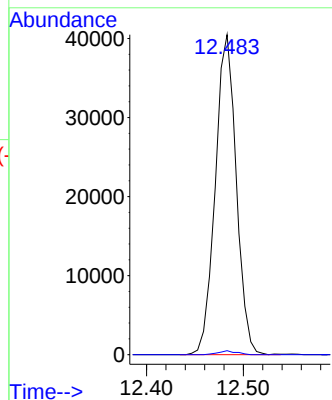
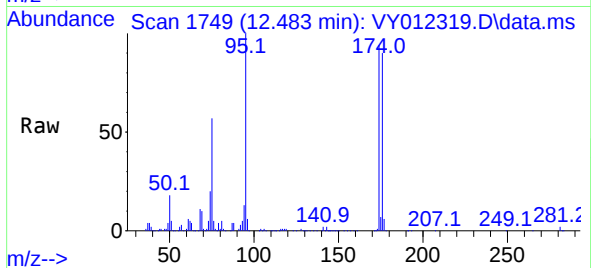




#76
1,2,3-Trichloropropane
Concen: 52.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60906
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.458 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012319.D
Acq: 23 Jan 2023 17:21

Tgt Ion: 75 Resp: 60906
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

