

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008715.D
 Acq On : 11 May 2022 18:24
 Operator : KP/MD
 Sample : N2781-05
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-2430-01

Quant Time: May 12 06:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

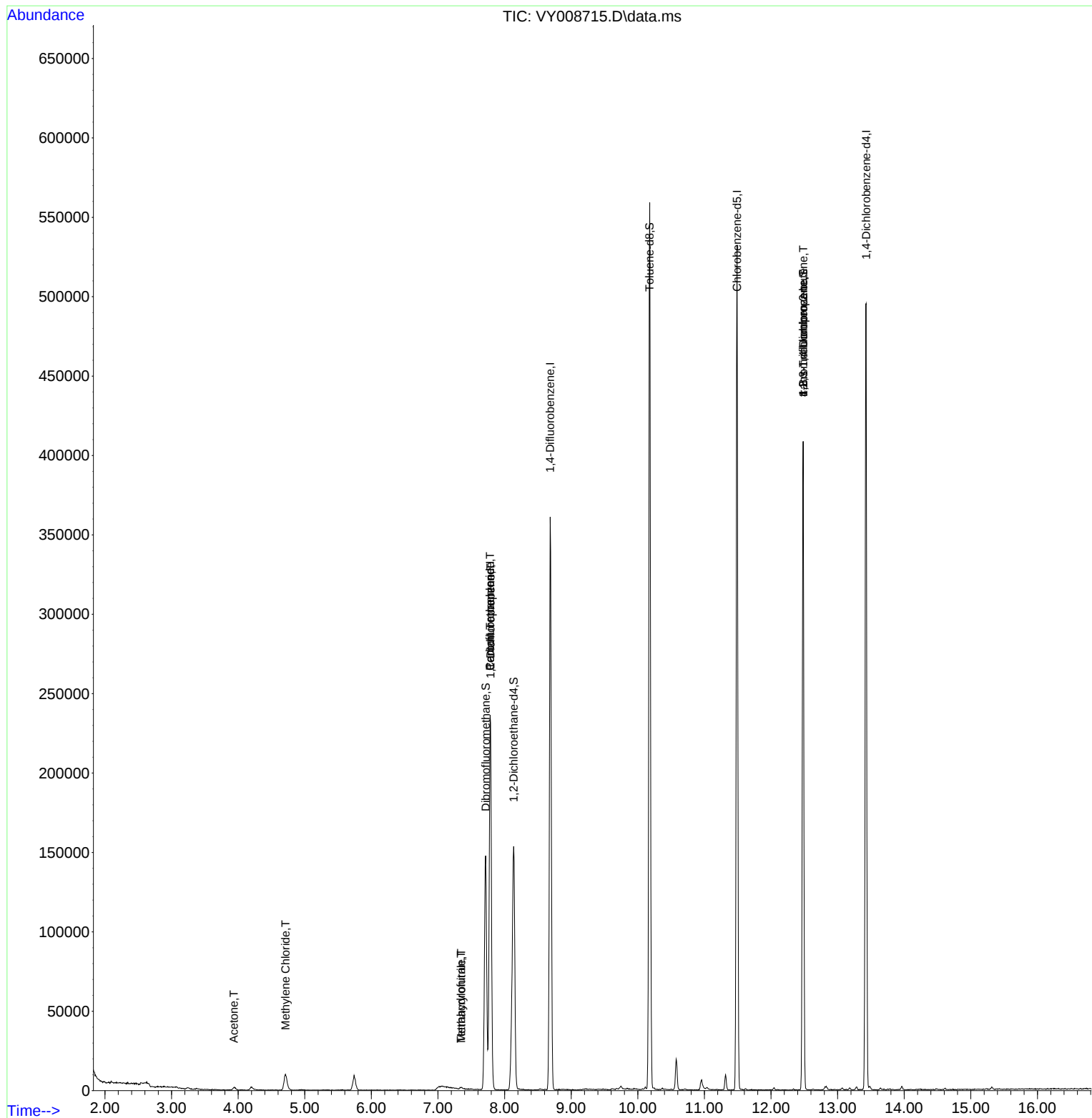
Internal Standards						
1) Pentafluorobenzene	7.783	168	205764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100498	57.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.000%	
35) Dibromofluoromethane	7.716	113	105629	51.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.179	98	384428	53.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.483	95	120971	46.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	459	Below Cal	#	77
16) Acetone	3.936	43	3441	8.272	ug/l	95
18) Methyl Acetate	4.204	43	246	Below Cal	#	56
20) Methylene Chloride	4.710	84	8775	3.474	ug/l	# 73
29) Tetrahydrofuran	7.344	42	676	1.479	ug/l	# 67
36) 1,1-Dichloropropene	7.789	75	13387	4.090	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	18672	5.640	ug/l	# 15
41) Methacrylonitrile	7.350	41	396	1.202	ug/l	# 19
76) 1,2,3-Trichloropropane	12.483	75	57718	36.253	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57718	72.128	ug/l	# 7

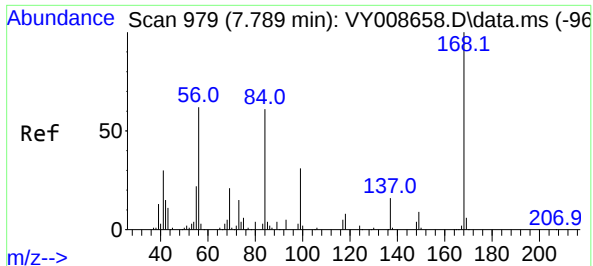
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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P003-SS003-2430-01

Quant Time: May 12 06:31:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

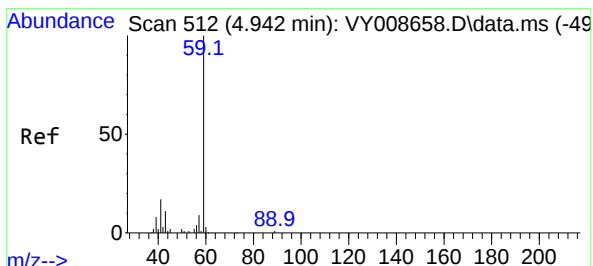
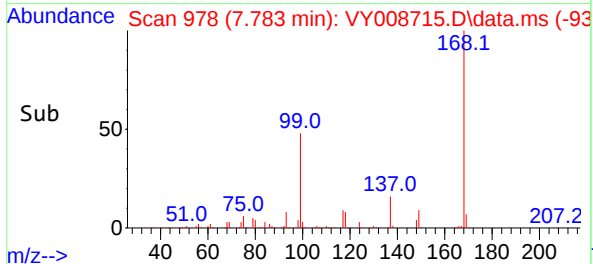
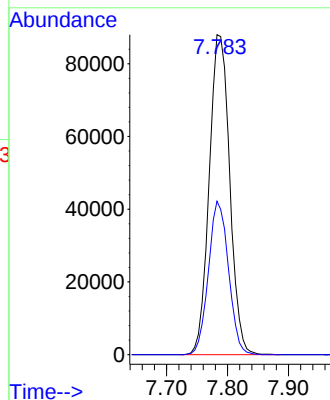
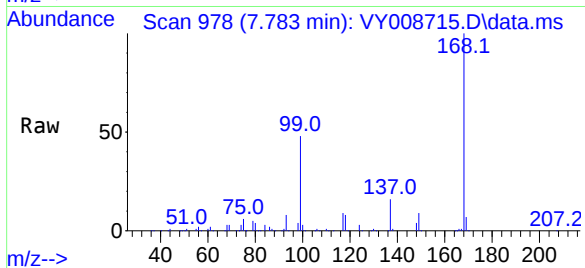




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

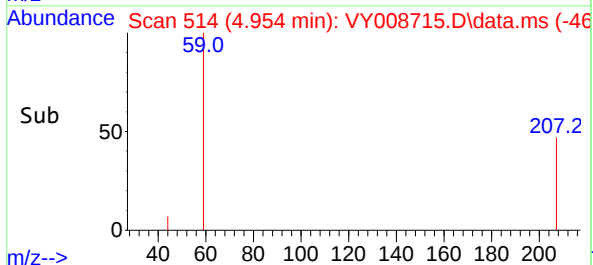
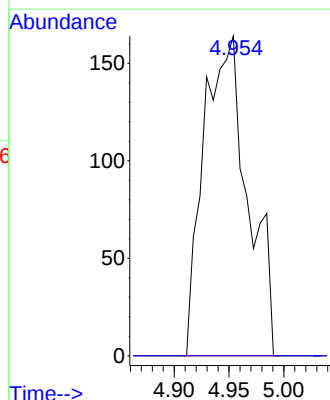
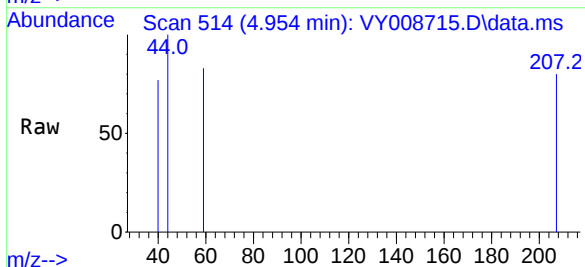
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

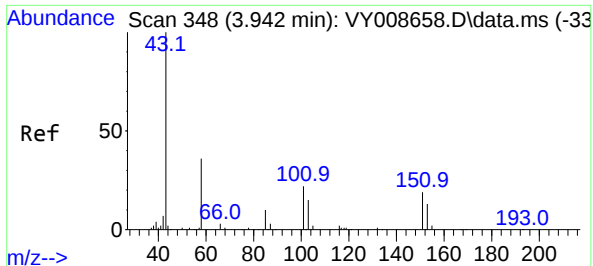
Tgt Ion:168 Resp: 205764
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 59 Resp: 459
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

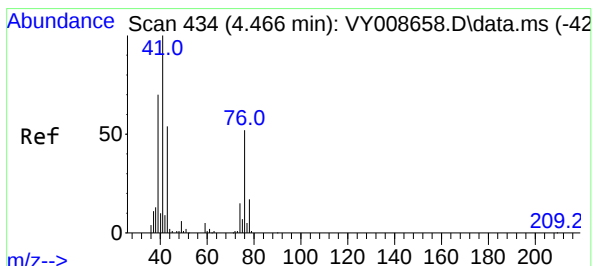
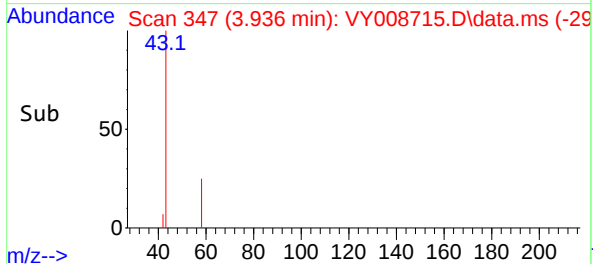
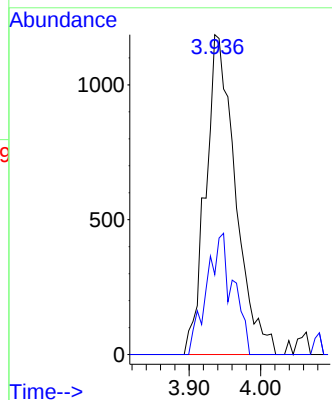
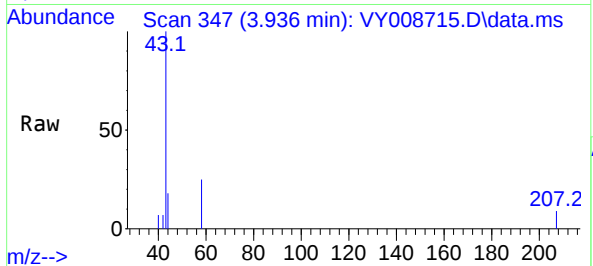




#16
Acetone
Concen: 8.272 ug/l
RT: 3.936 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

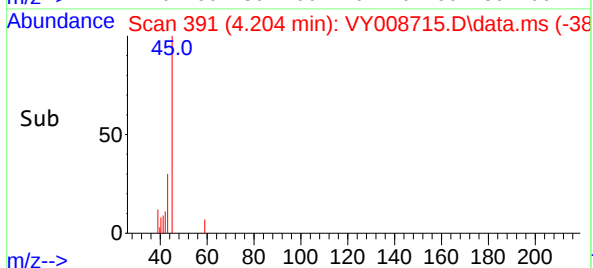
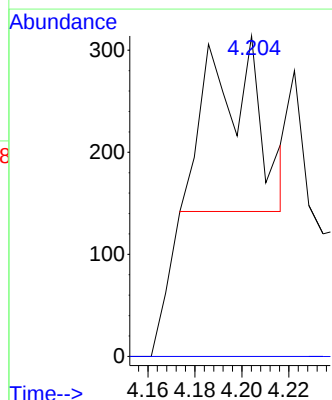
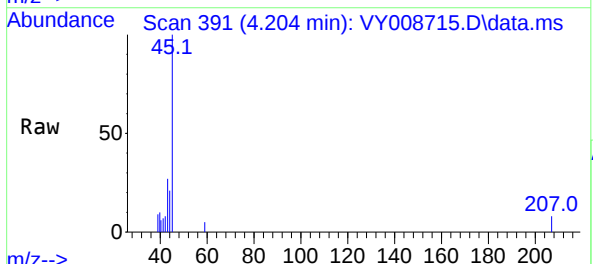
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

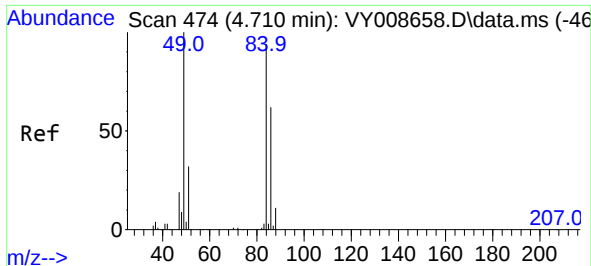
Tgt Ion: 43 Resp: 3441
Ion Ratio Lower Upper
43 100
58 25.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.262 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



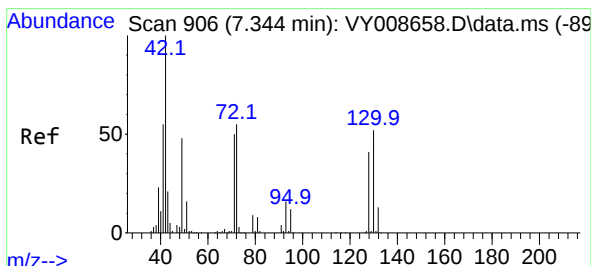
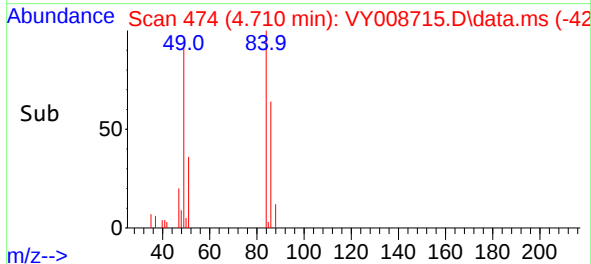
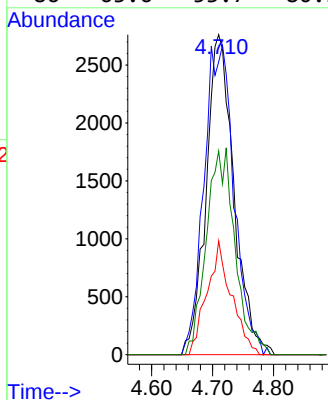
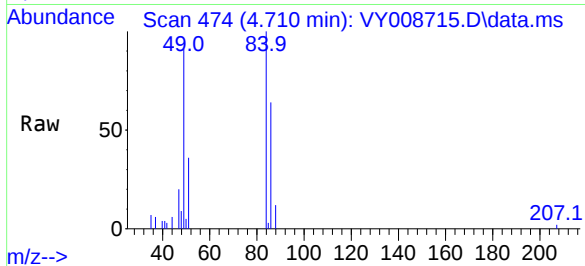


#20
Methylene Chloride
Concen: 3.474 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

Tgt Ion: 84 Resp: 8775

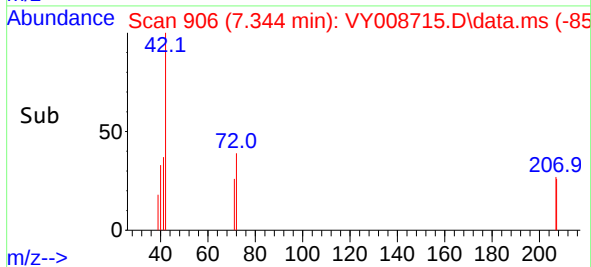
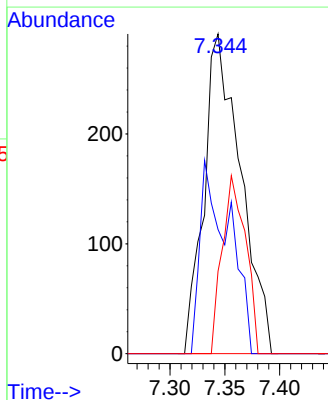
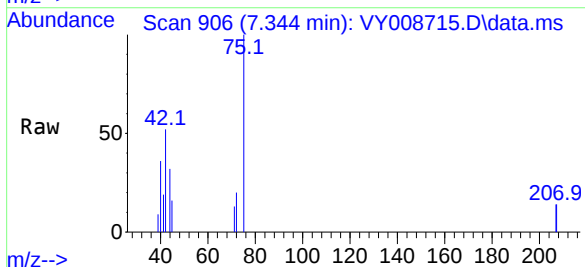
Ion	Ratio	Lower	Upper
84	100		
49	91.5	114.4	171.6#
51	35.6	35.3	52.9
86	63.6	53.7	80.5

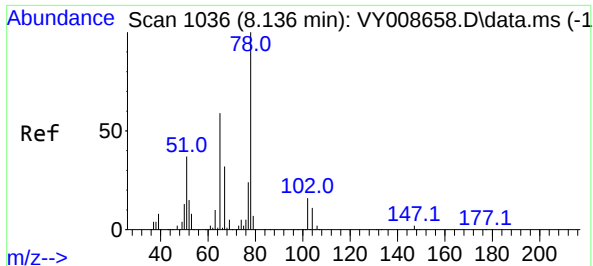


#29
Tetrahydrofuran
Concen: 1.479 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 42 Resp: 676

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	35.7	29.0	43.4





#33

1,2-Dichloroethane-d4

Concen: 57.001 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008715.D

Acq: 11 May 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

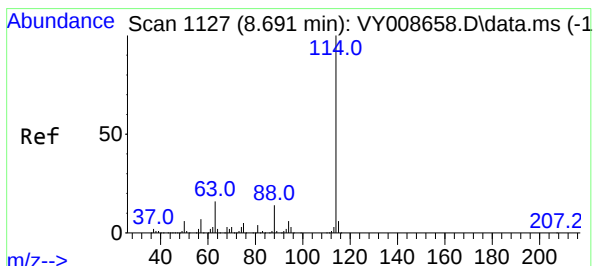
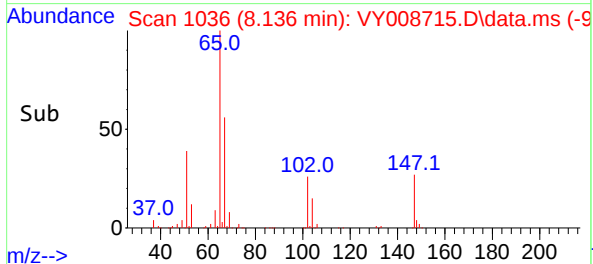
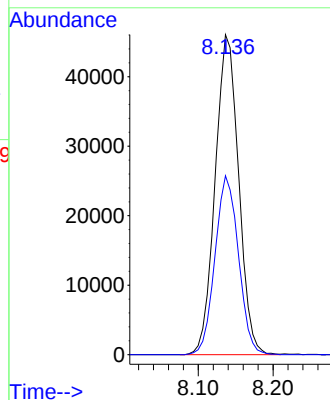
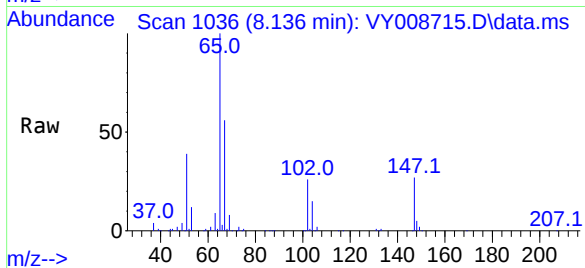
P003-SS003-2430-01

Tgt Ion: 65 Resp: 100498

Ion Ratio Lower Upper

65 100

67 55.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008715.D

Acq: 11 May 2022 18:24

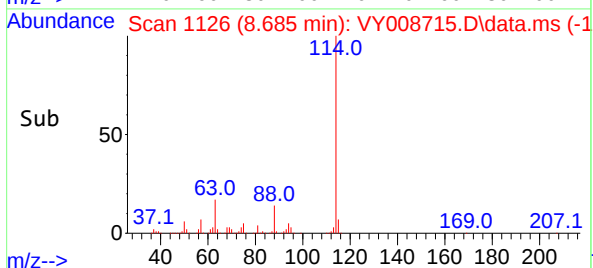
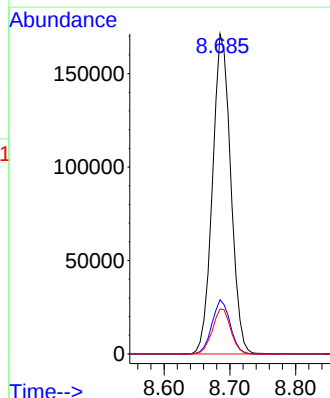
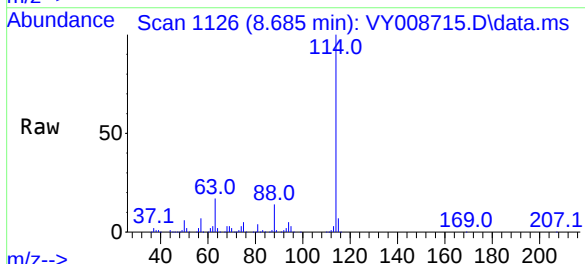
Tgt Ion: 114 Resp: 330613

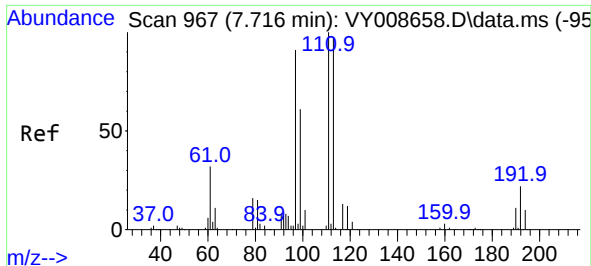
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.1 0.0 31.8

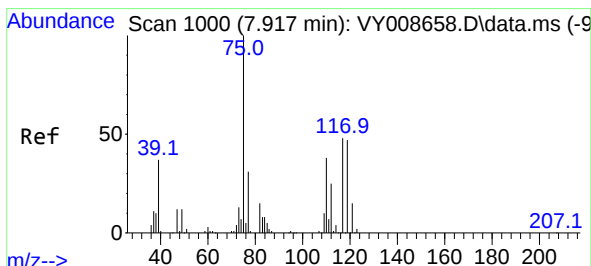
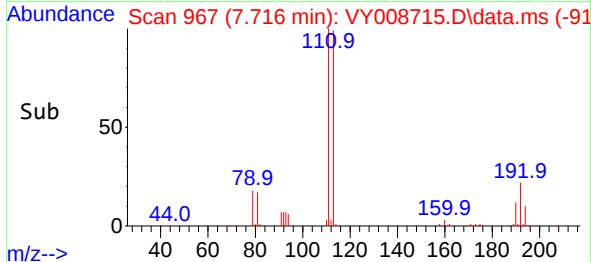
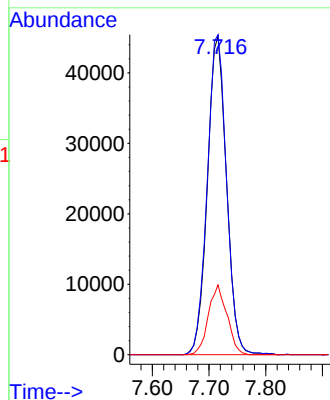
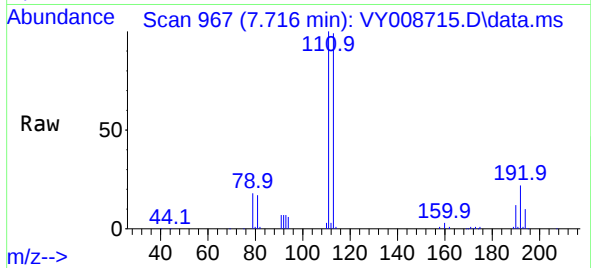




#35
Dibromofluoromethane
Concen: 51.845 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

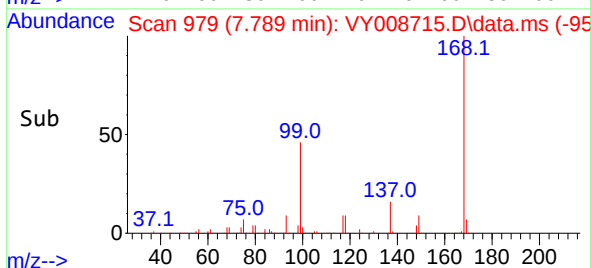
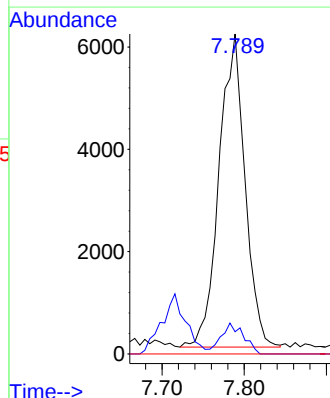
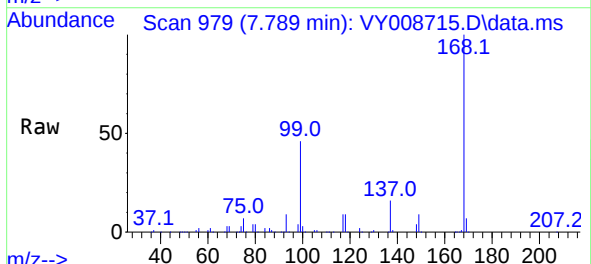
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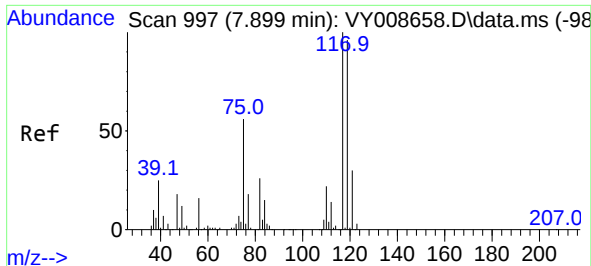
Tgt Ion:113 Resp: 105629
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.090 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 75 Resp: 13387
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

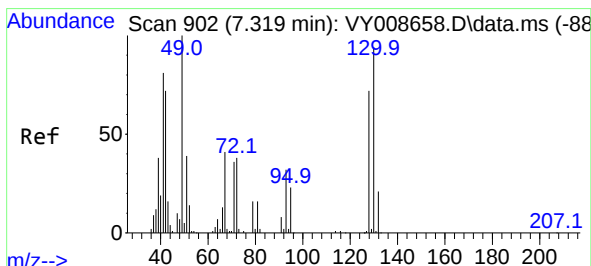
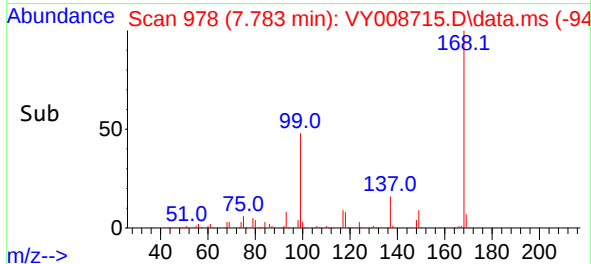
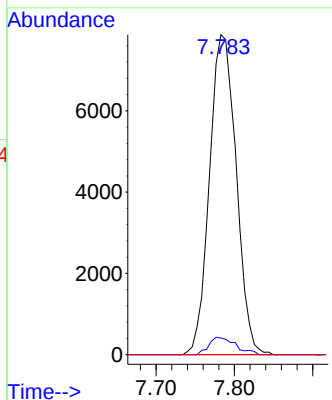
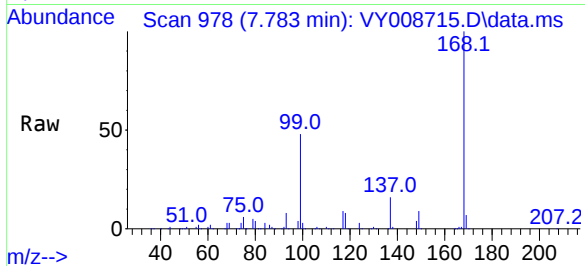




#38
Carbon Tetrachloride
Concen: 5.640 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

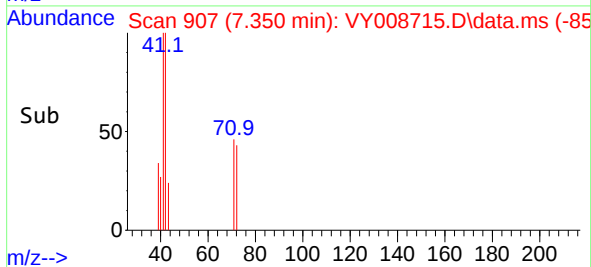
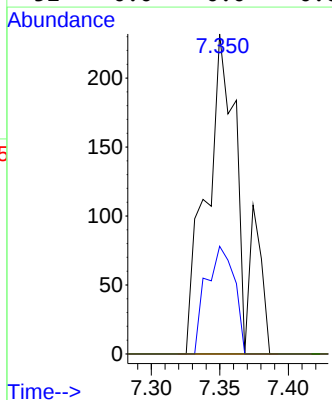
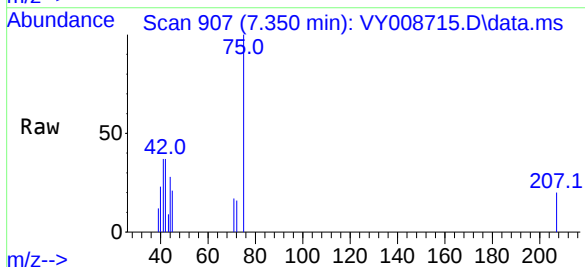
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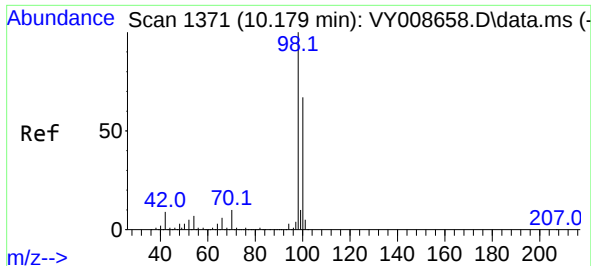
Tgt Ion: 117 Resp: 18672
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.202 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 41 Resp: 396
Ion Ratio Lower Upper
41 100
39 28.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

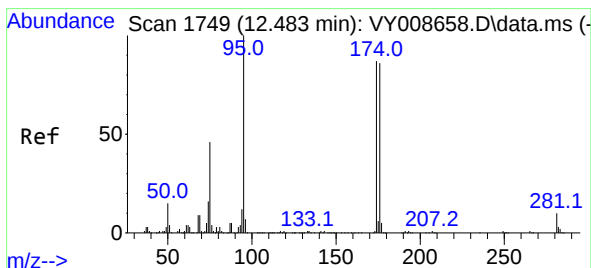
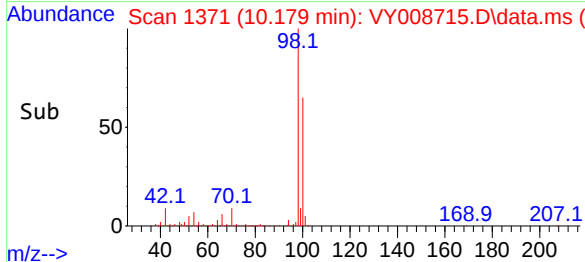
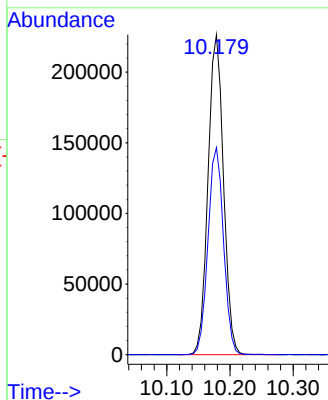
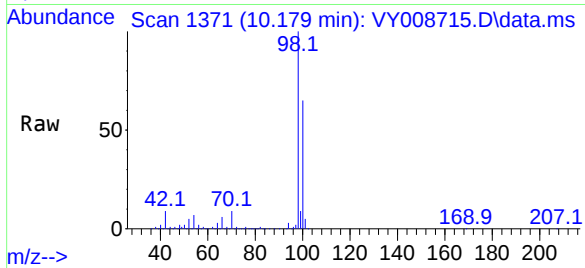




#50
Toluene-d8
Concen: 53.544 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

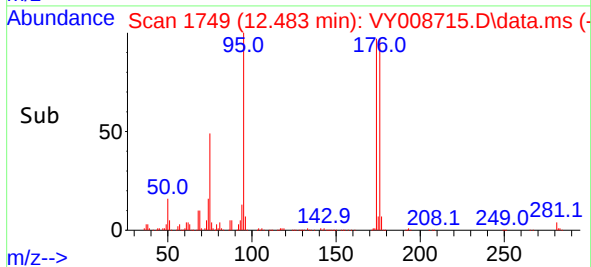
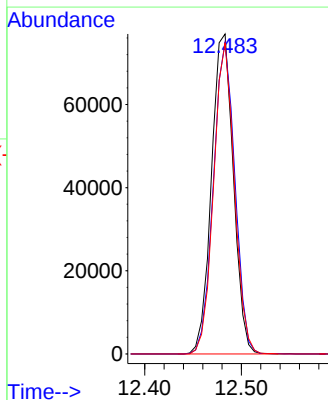
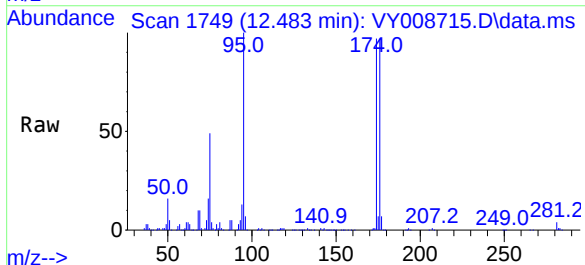
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

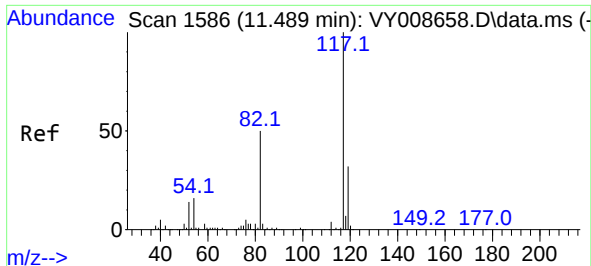
Tgt Ion: 98 Resp: 384428
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 95 Resp: 120971
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.2 0.0 175.8

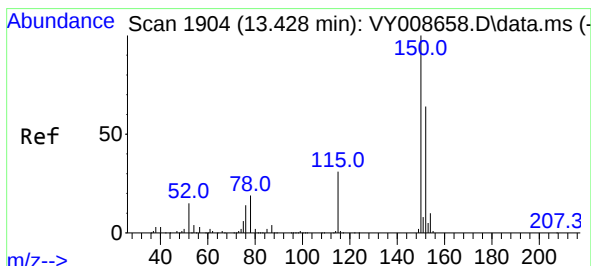
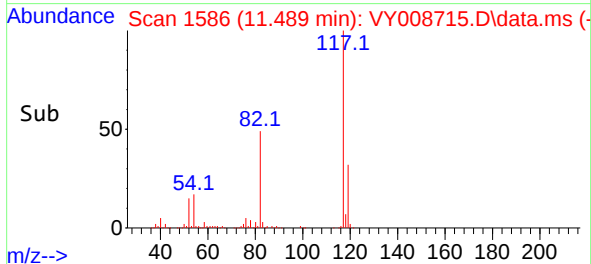
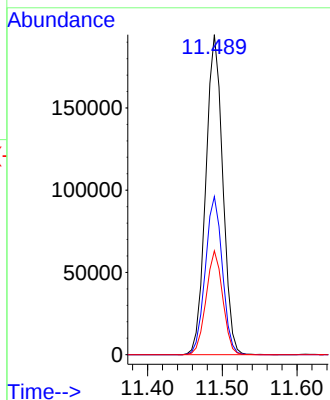
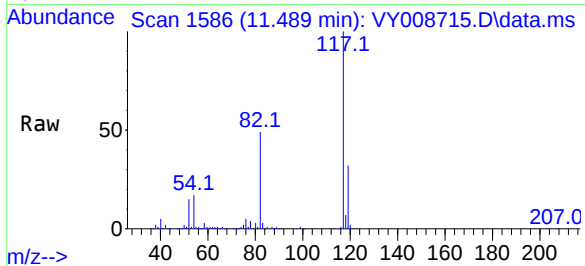




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

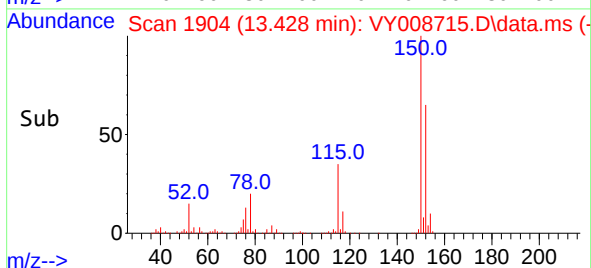
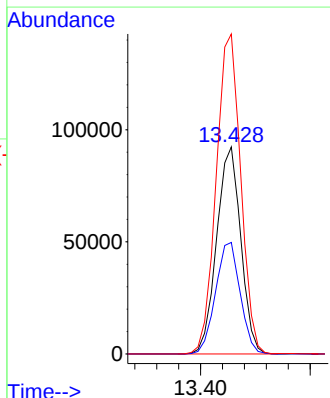
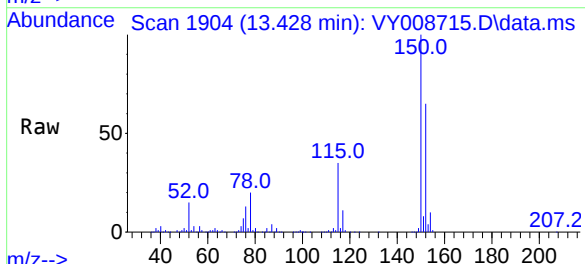
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

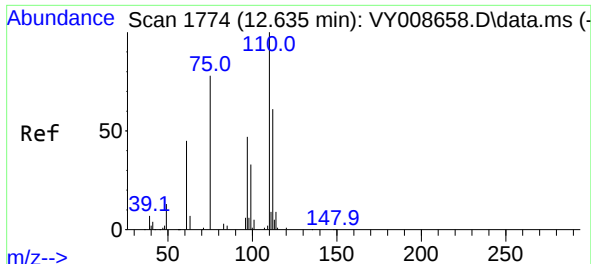
Tgt Ion:	117	Resp:	306132
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion:	152	Resp:	141232
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.7
150	157.2	0.0	347.6

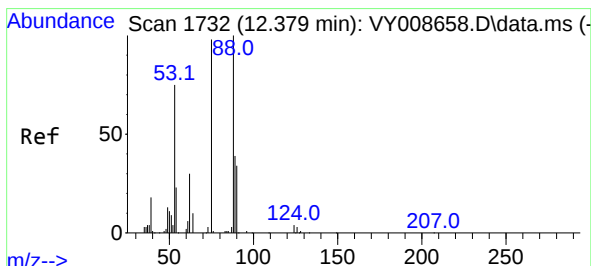
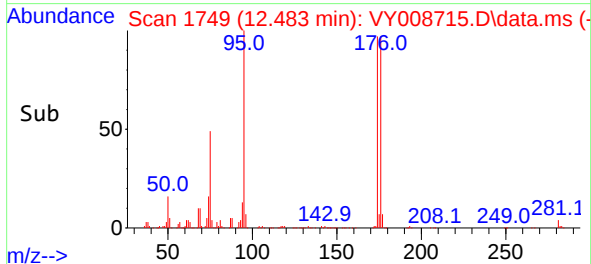
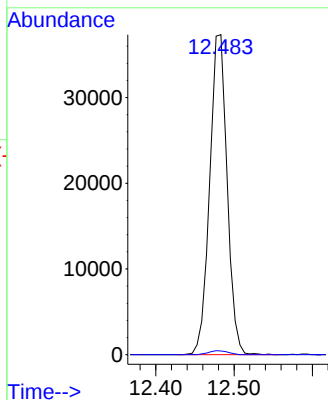
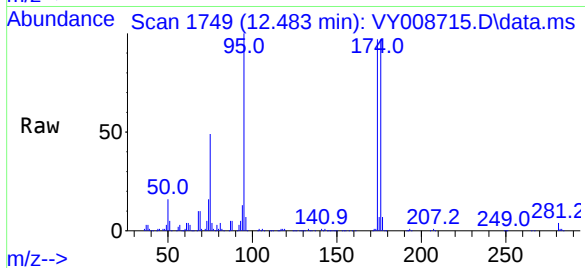




#76
1,2,3-Trichloropropane
Concen: 36.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

Tgt Ion: 75 Resp: 57718
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.128 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 75 Resp: 57718
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

