

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008933.D
 Acq On : 21 May 2022 03:35
 Operator : KP/MD
 Sample : N2888-04
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-2430-01

Quant Time: May 21 04:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

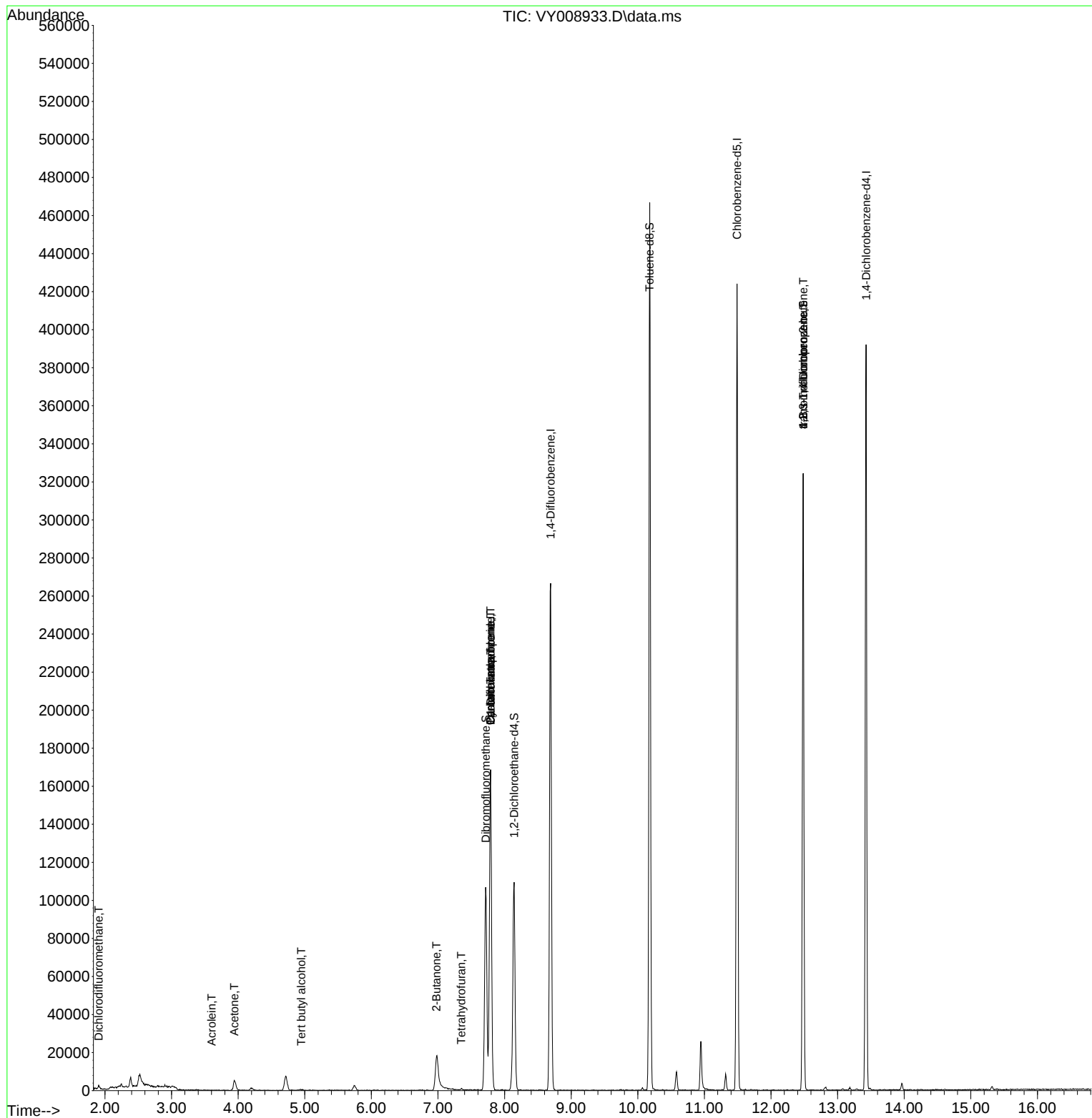
Internal Standards						
1) Pentafluorobenzene	7.789	168	127407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79216	60.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.820%	
35) Dibromofluoromethane	7.716	113	71513	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.179	98	287958	55.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.483	95	83850	39.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	1334	1.145	ug/l	94
11) Tert butyl alcohol	4.948	59	793	5.962	ug/l #	77
13) Acrolein	3.601	56	46	1.051	ug/l #	14
16) Acetone	3.942	43	8744	32.036	ug/l #	86
20) Methylene Chloride	4.716	84	5320	Below Cal	#	89
25) 2-Butanone	6.978	43	2316	4.751	ug/l	92
29) Tetrahydrofuran	7.350	42	429	1.295	ug/l #	77
31) Cyclohexane	7.789	56	2967	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11205	4.653	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12601	5.002	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47098	46.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47098	95.622	ug/l #	7

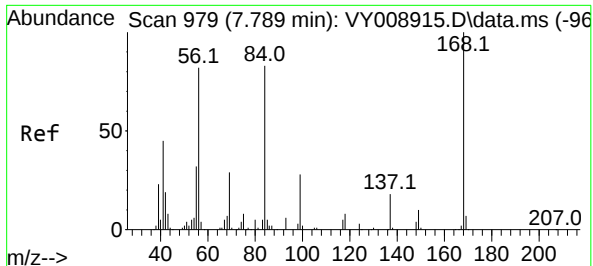
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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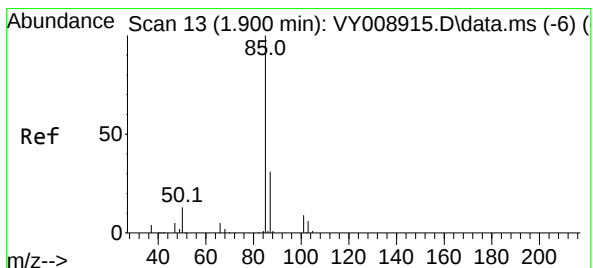
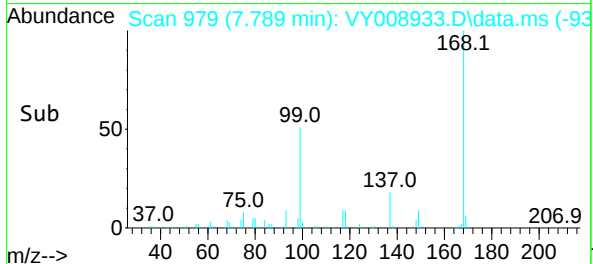
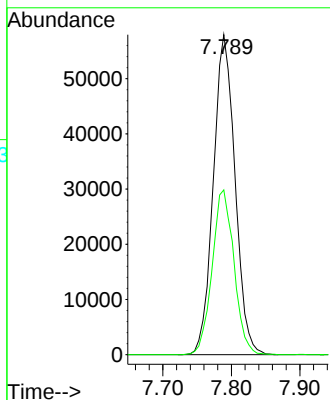
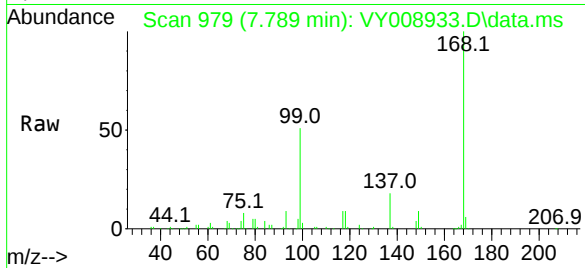




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

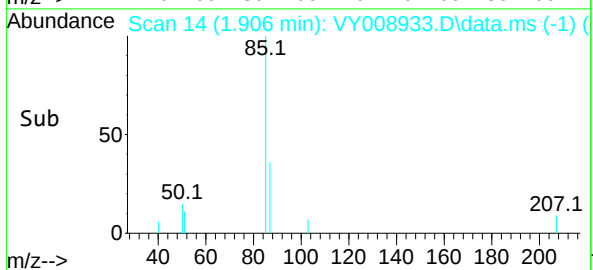
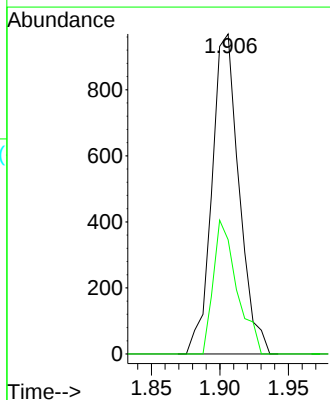
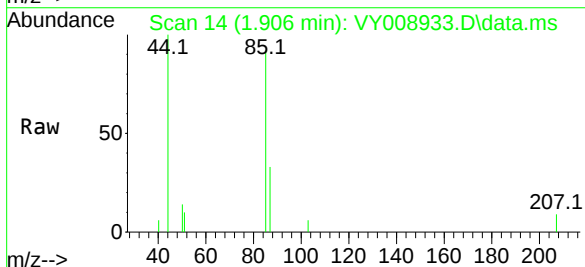
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

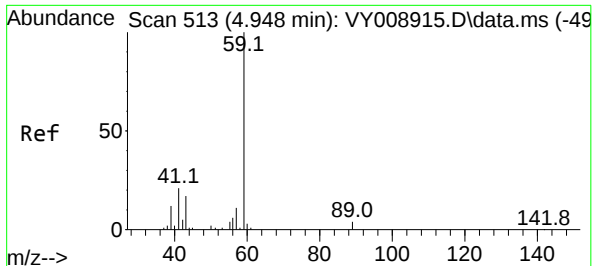
Tgt Ion:168 Resp: 127407
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.145 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 85 Resp: 1334
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2

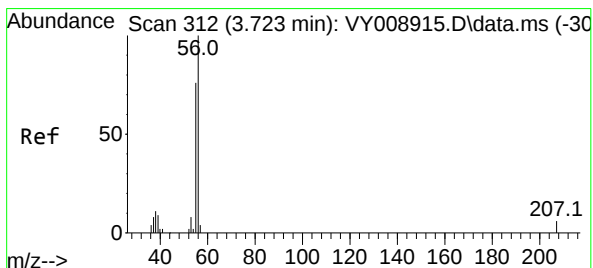
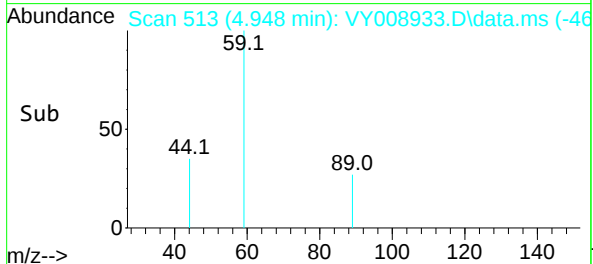
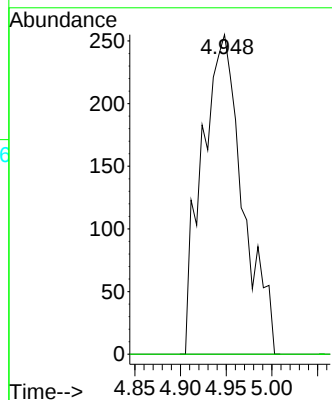
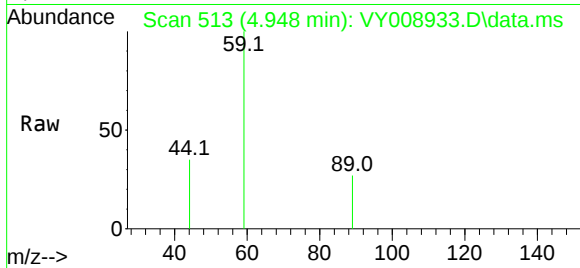




#11
Tert butyl alcohol
Concen: 5.962 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

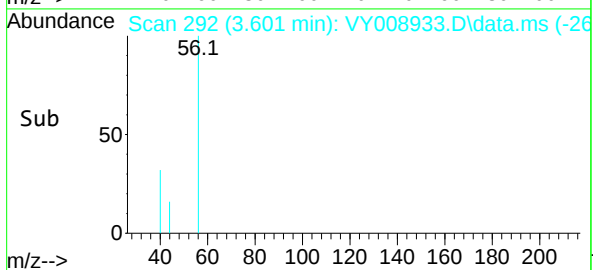
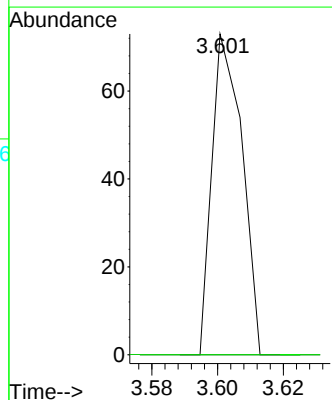
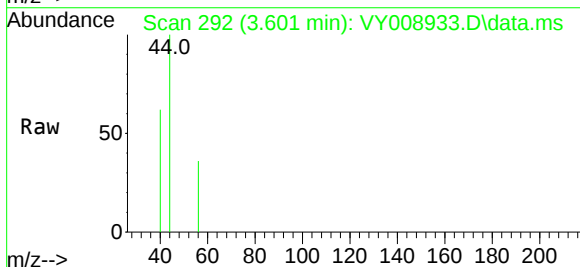
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

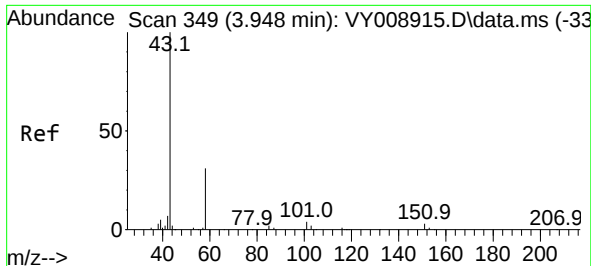
Tgt Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: 1.051 ug/l
RT: 3.601 min Scan# 292
Delta R.T. -0.122 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

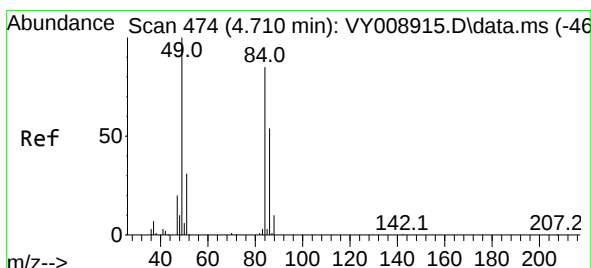
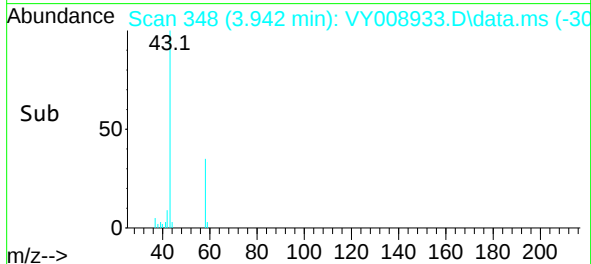
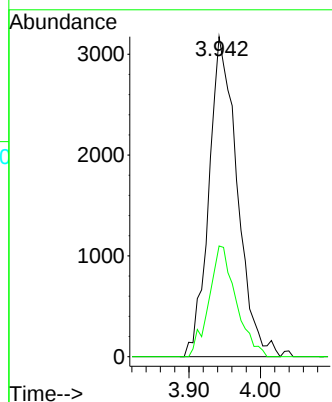
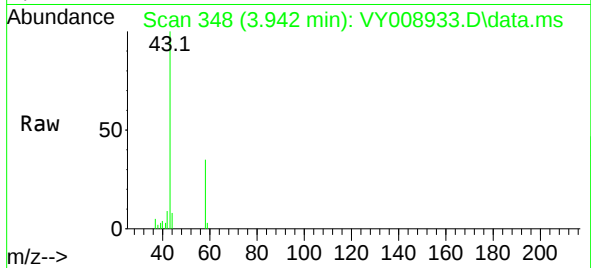




#16
Acetone
Concen: 32.036 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

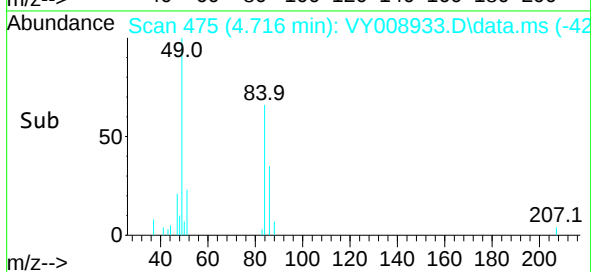
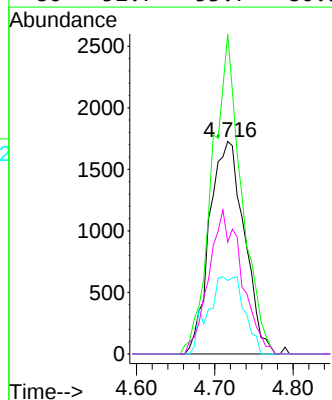
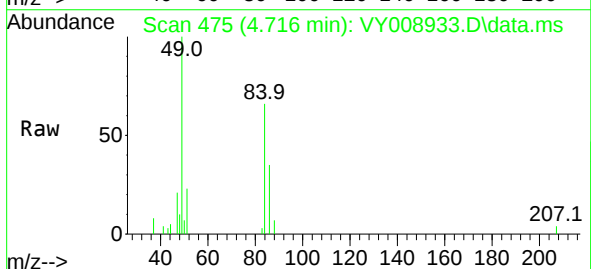
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

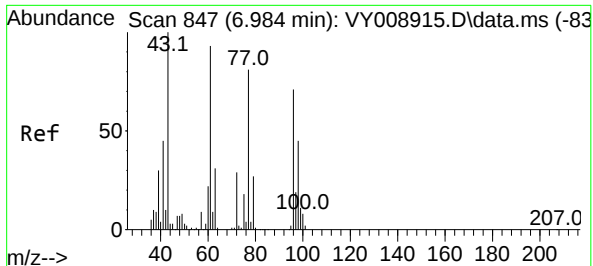
Tgt Ion: 43 Resp: 8744
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 84 Resp: 5320
Ion Ratio Lower Upper
84 100
49 150.6 114.4 171.6
51 34.6 35.3 52.9#
86 52.7 53.7 80.5#





#25

2-Butanone

Concen: 4.751 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008933.D

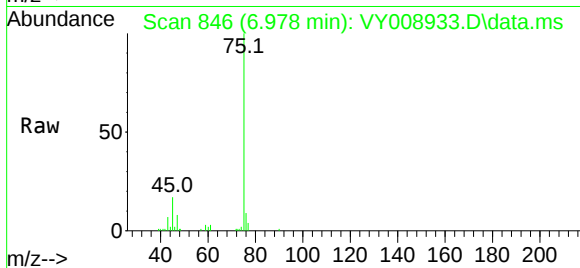
Acq: 21 May 2022 03:35

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-2430-01

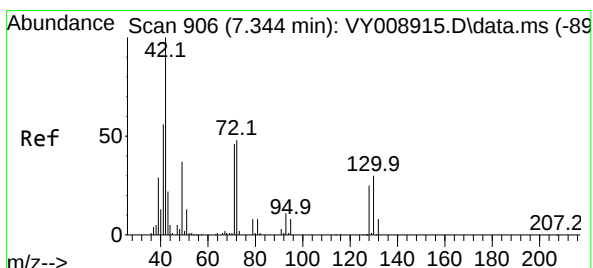
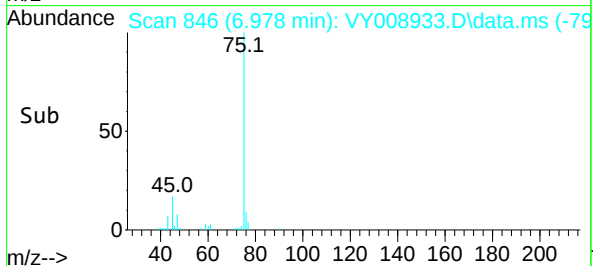
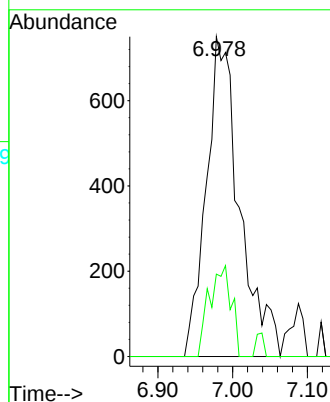


Tgt Ion: 43 Resp: 2316

Ion Ratio Lower Upper

43 100

72 25.7 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.295 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008933.D

Acq: 21 May 2022 03:35

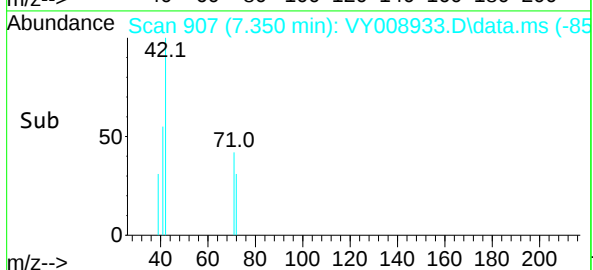
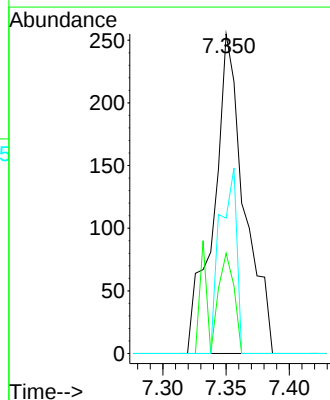
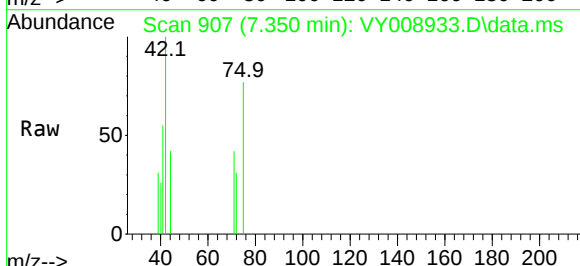
Tgt Ion: 42 Resp: 429

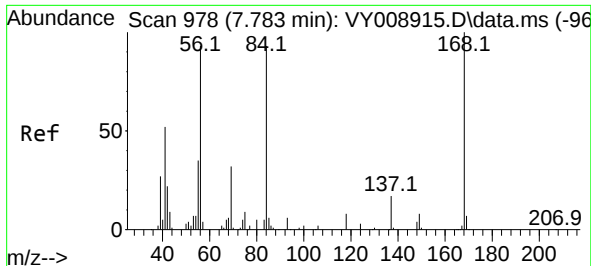
Ion Ratio Lower Upper

42 100

72 15.9 30.3 45.5#

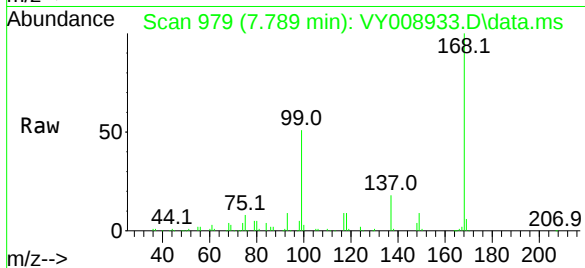
71 31.2 29.0 43.4



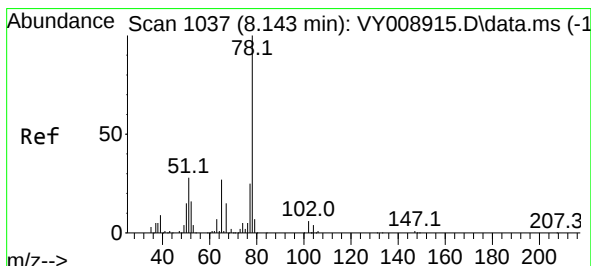
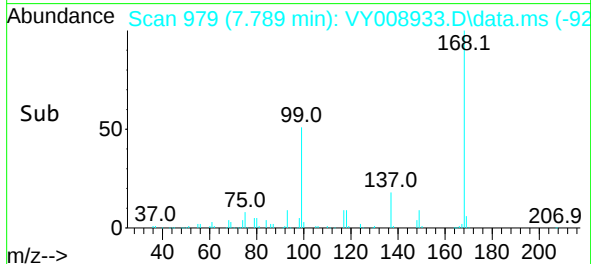
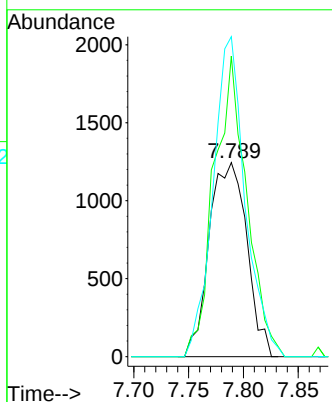


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

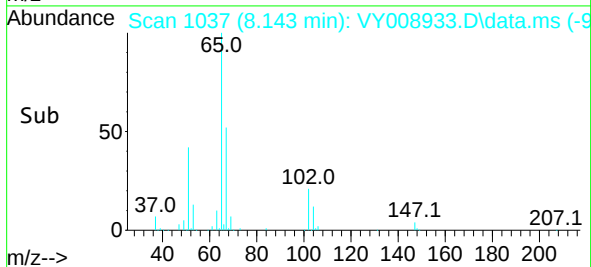
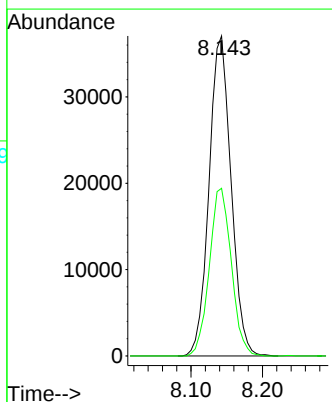
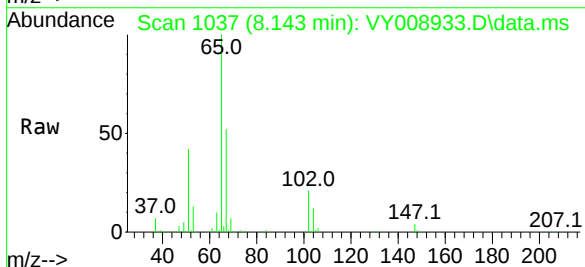


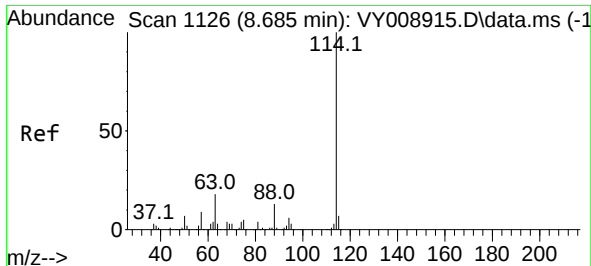
Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 155.0 26.7 40.1#
84 165.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.413 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 65 Resp: 79216
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4

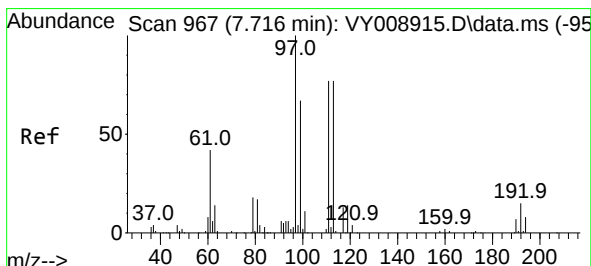
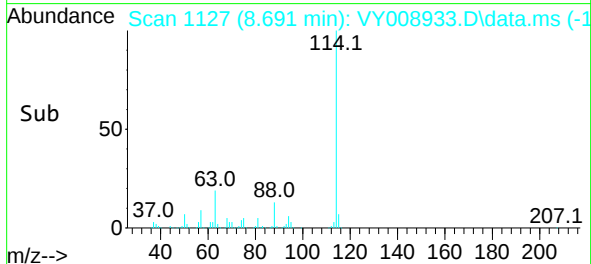
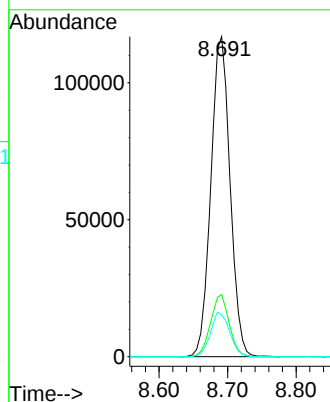
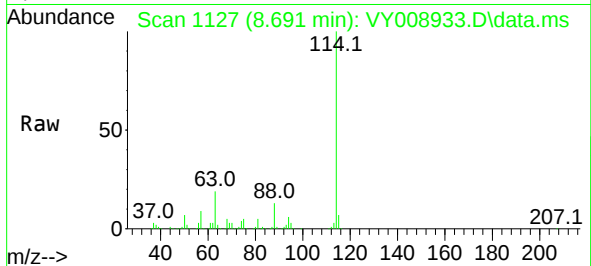




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

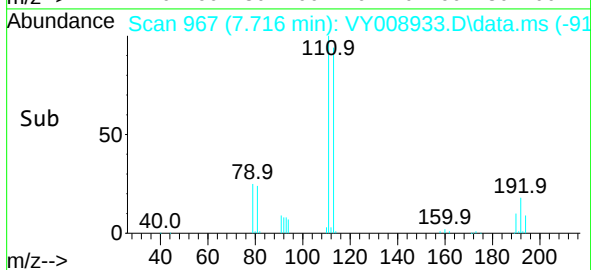
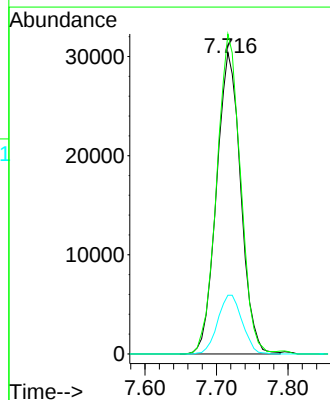
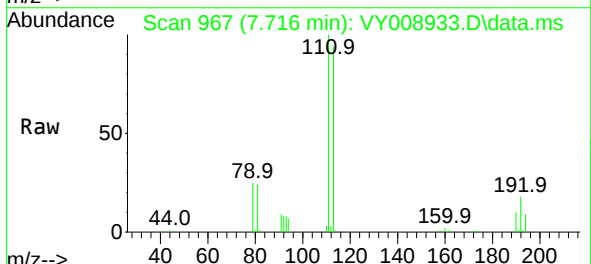
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P041-SS001-2430-01

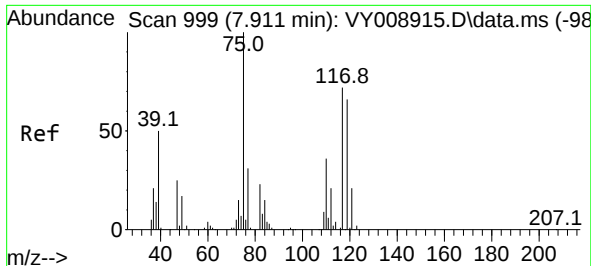
Tgt Ion:	114	Resp:	227554
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	12.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 50.538 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion:	113	Resp:	71513
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	19.6	17.6	26.4

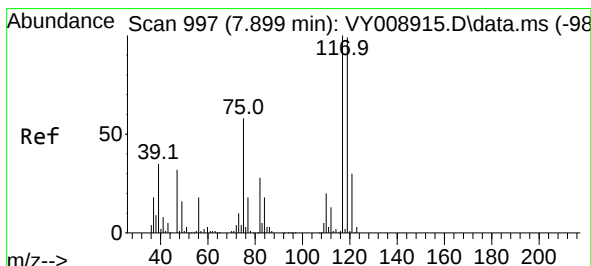
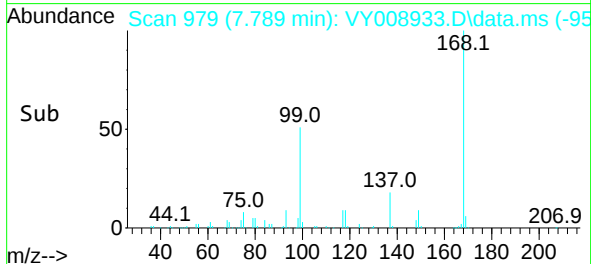
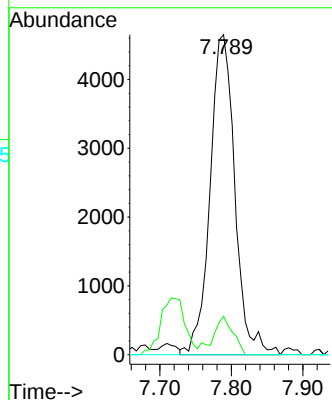
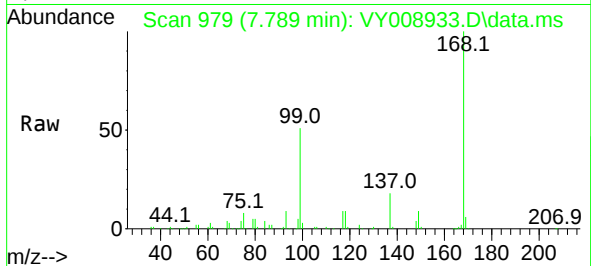




#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

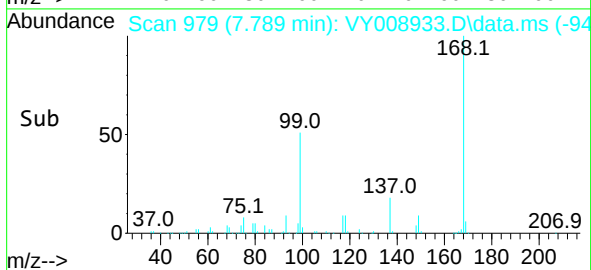
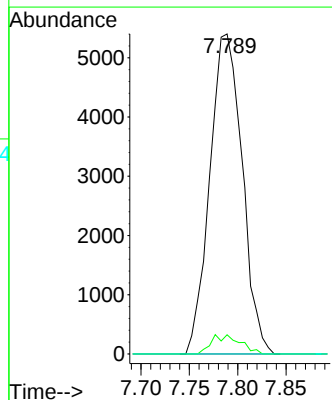
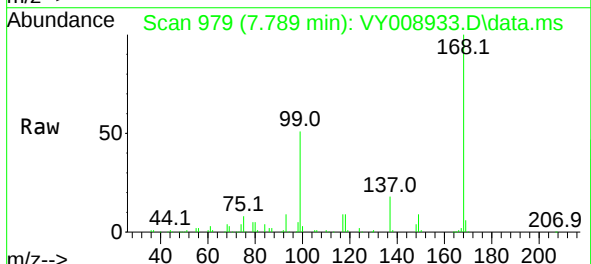
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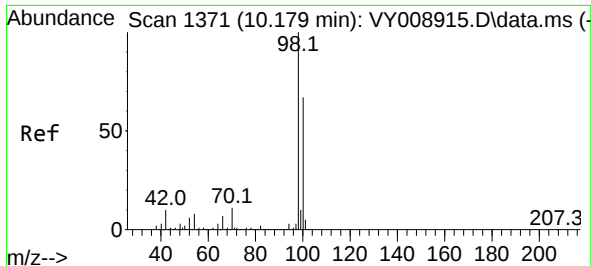
Tgt Ion: 75 Resp: 11205
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 117 Resp: 12601
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

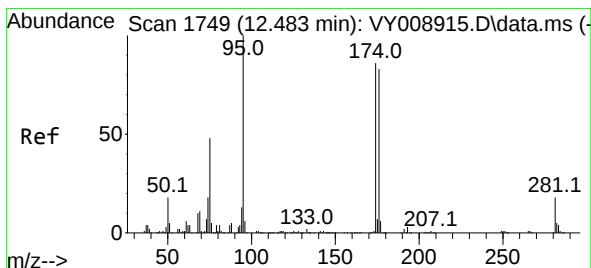
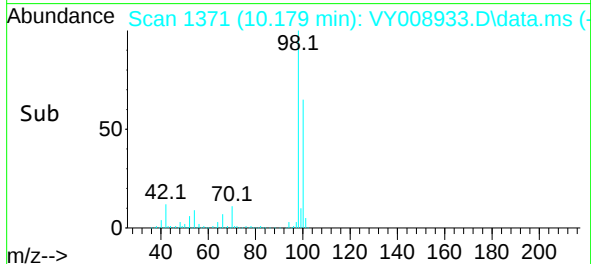
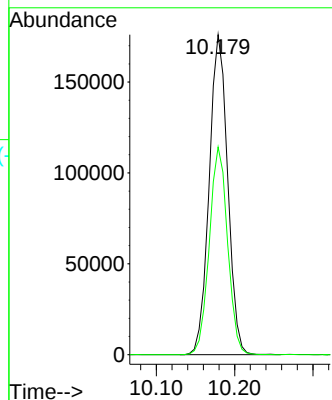
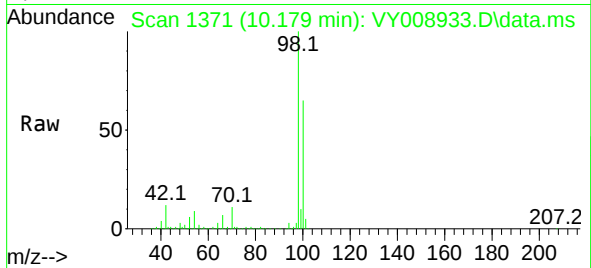




#50
Toluene-d8
Concen: 55.162 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

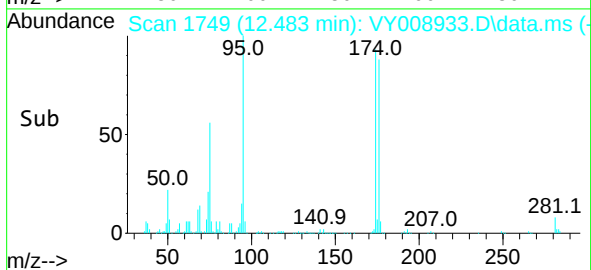
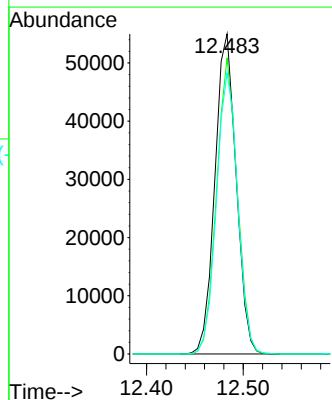
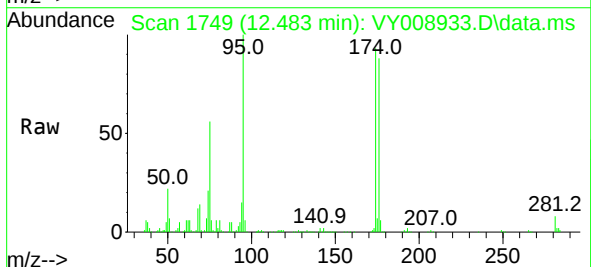
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

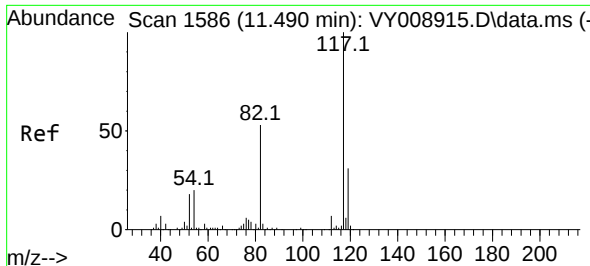
Tgt Ion: 98 Resp: 287958
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 95 Resp: 83850
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 87.7 0.0 175.8

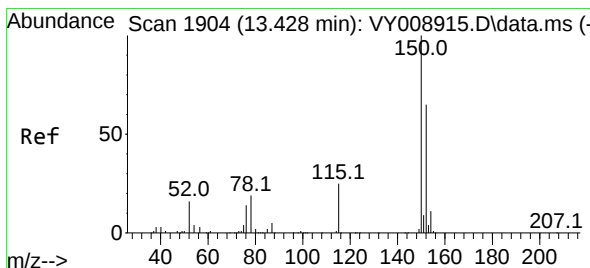
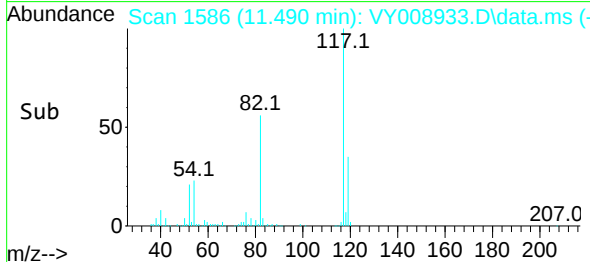
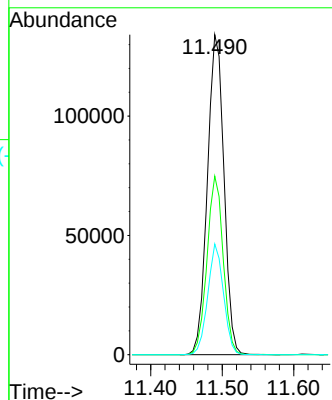
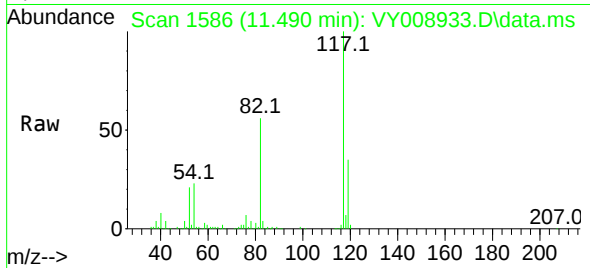




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

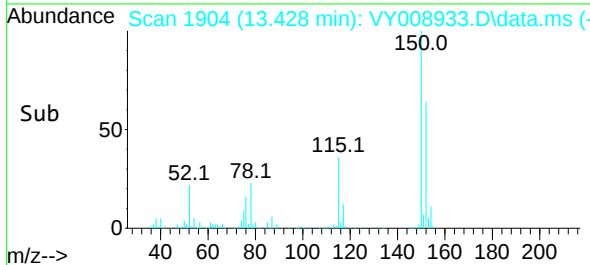
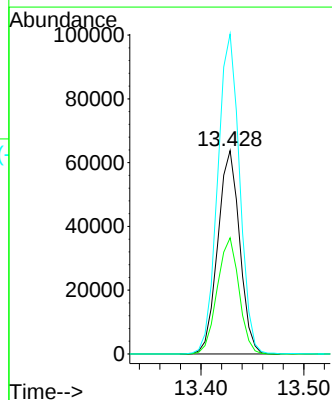
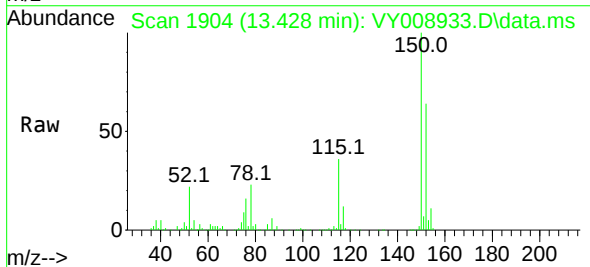
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

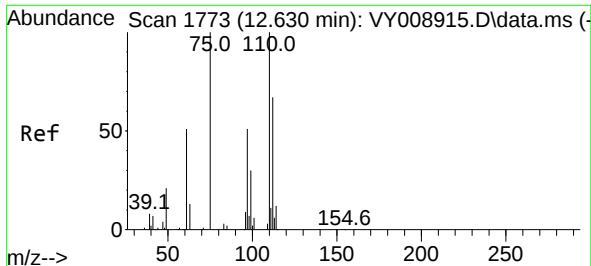
Tgt Ion:117 Resp: 215786
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 34.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion:152 Resp: 94140
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.8 0.0 347.6

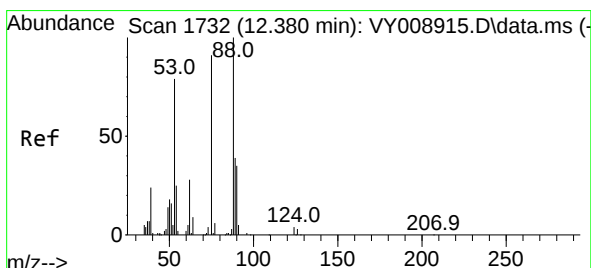
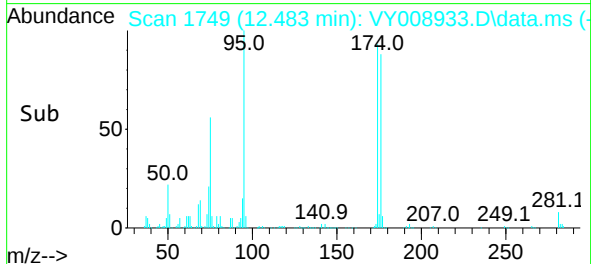
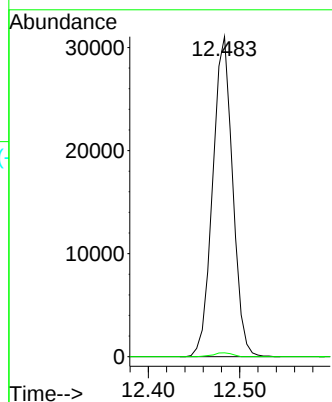
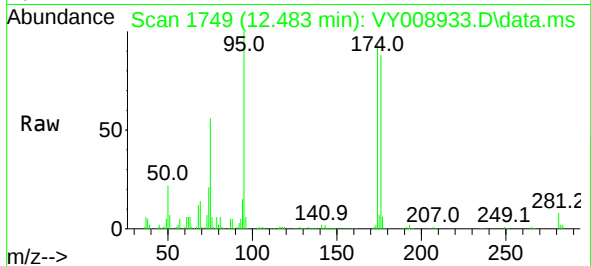




#76
1,2,3-Trichloropropane
Concen: 46.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

