

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009042.D
 Acq On : 24 May 2022 05:55
 Operator : KP/MD
 Sample : N2948-28
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1824-01

Quant Time: May 24 07:49:20 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)

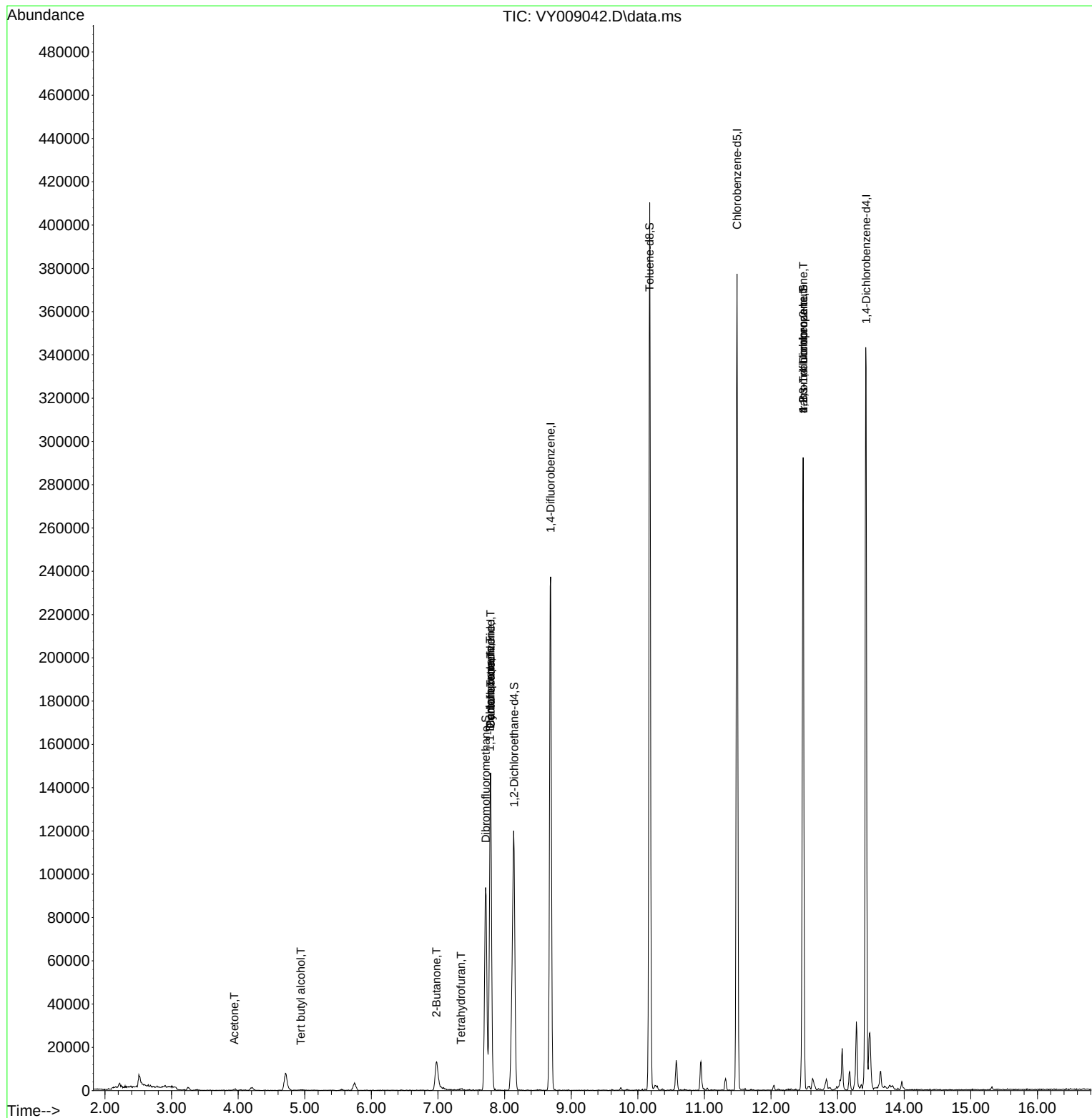
Internal Standards						
1) Pentafluorobenzene	7.789	168	109411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73136	64.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 129.900%		
35) Dibromofluoromethane	7.716	113	65065	51.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.540%		
50) Toluene-d8	10.179	98	252881	54.543	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 109.080%		
62) 4-Bromofluorobenzene	12.483	95	73253	39.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 78.340%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	467	4.089	ug/l #	77
16) Acetone	3.942	43	1009	4.305	ug/l	96
20) Methylene Chloride	4.716	84	6021	Below Cal	#	81
25) 2-Butanone	6.978	43	889	2.123	ug/l	92
29) Tetrahydrofuran	7.344	42	530	1.864	ug/l #	55
31) Cyclohexane	7.789	56	2485	1.128	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	9464	4.425	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11234	5.021	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43655	48.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43655	99.980	ug/l #	7

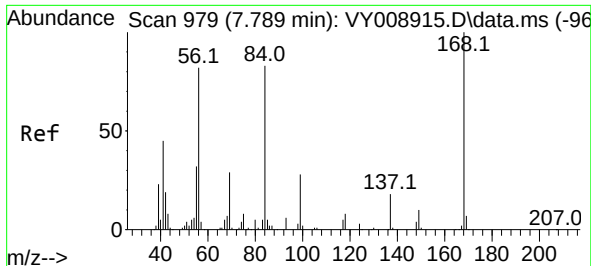
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

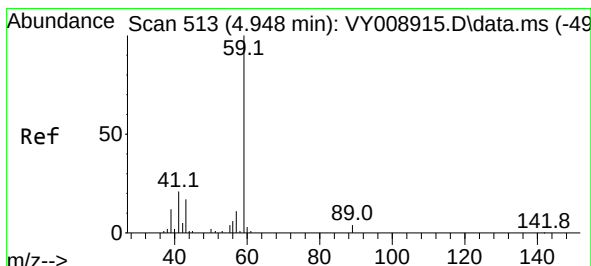
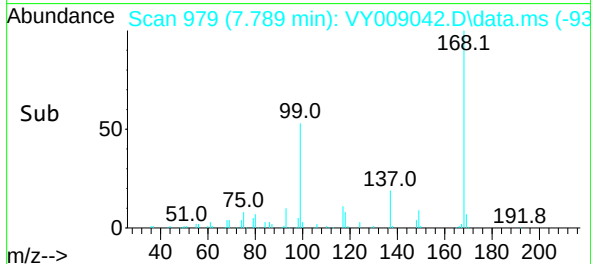
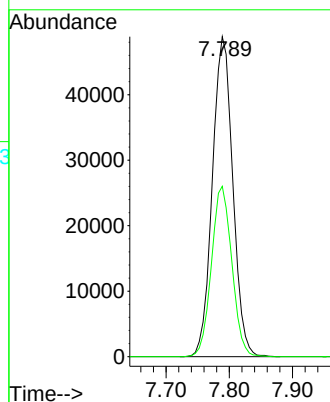
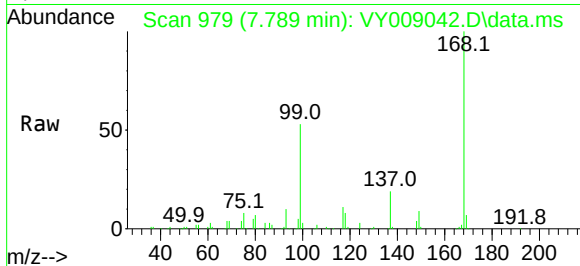




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

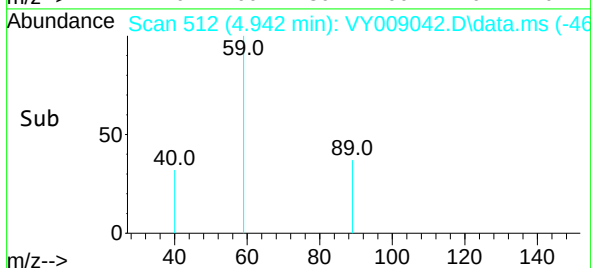
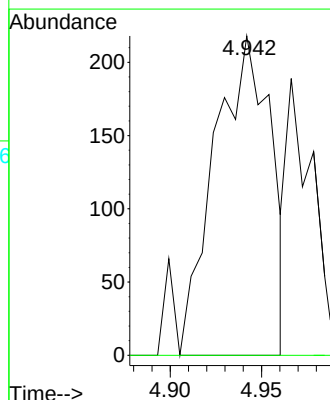
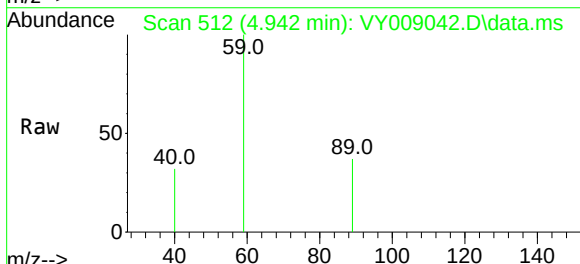
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

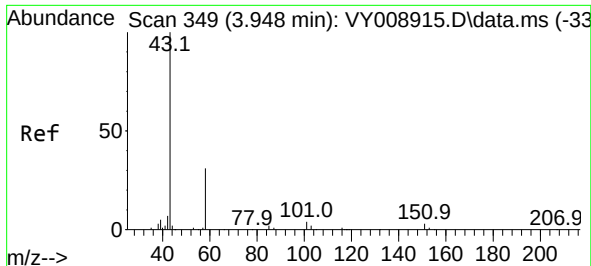
Tgt Ion:168 Resp: 109411
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.089 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion: 59 Resp: 467
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

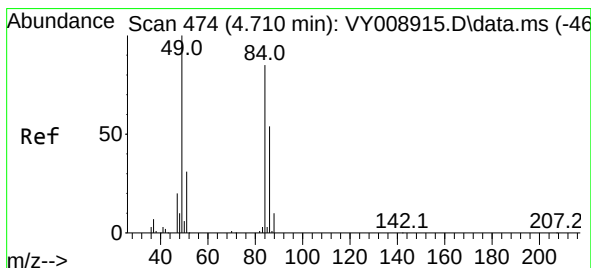
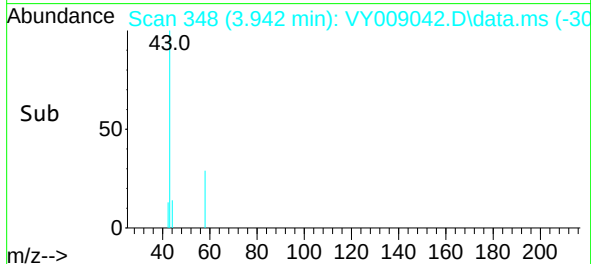
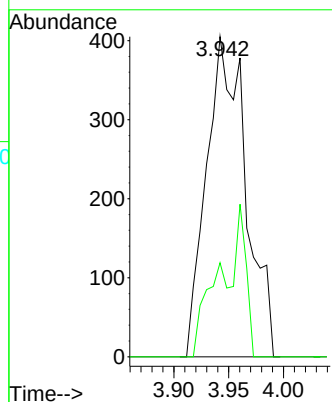
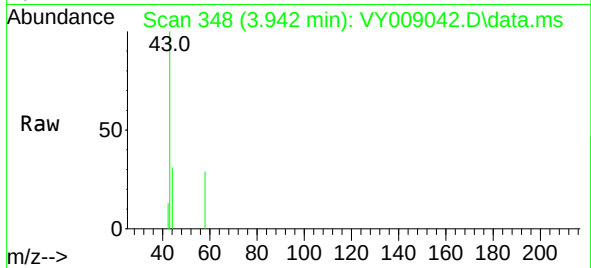




#16
Acetone
Concen: 4.305 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

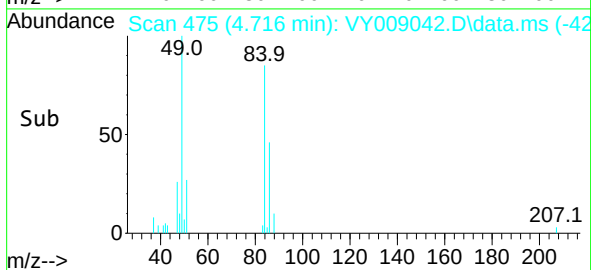
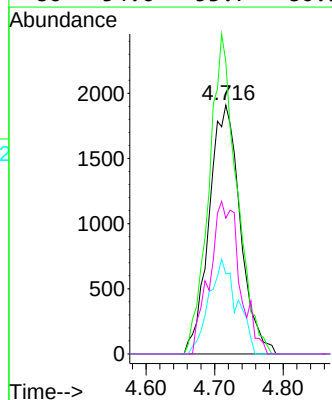
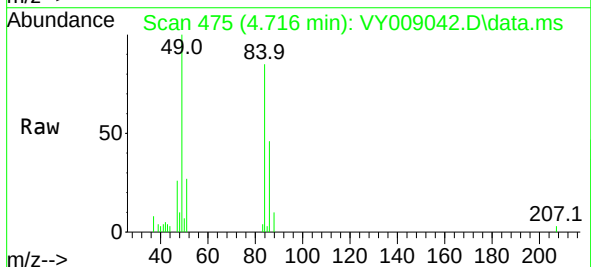
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

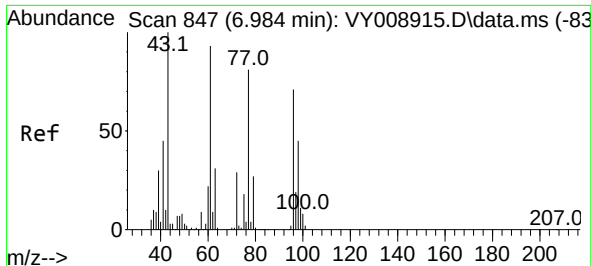
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

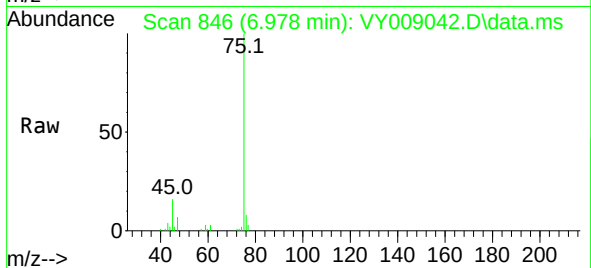
Tgt Ion: 84 Resp: 6021
Ion Ratio Lower Upper
84 100
49 117.4 114.4 171.6
51 32.2 35.3 52.9#
86 54.6 53.7 80.5



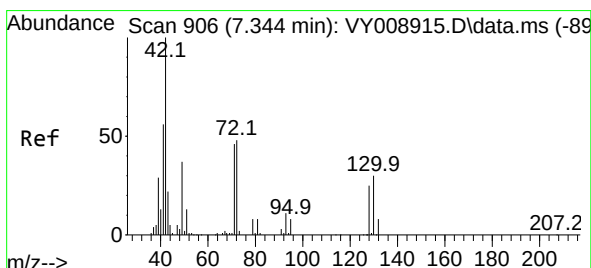
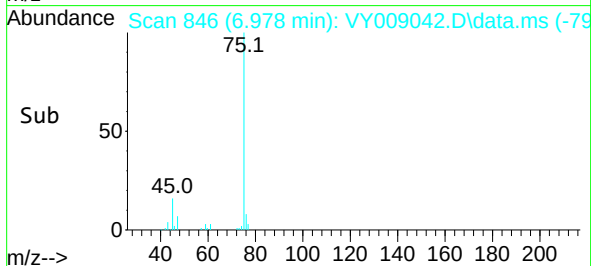
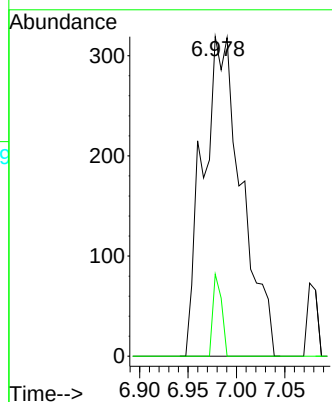


#25
2-Butanone
Concen: 2.123 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

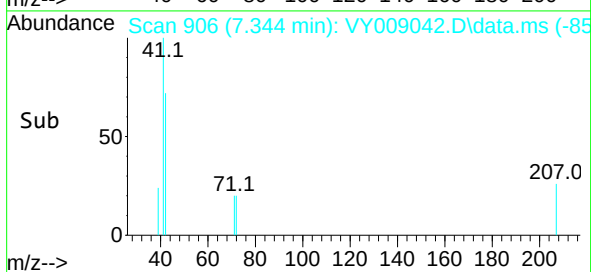
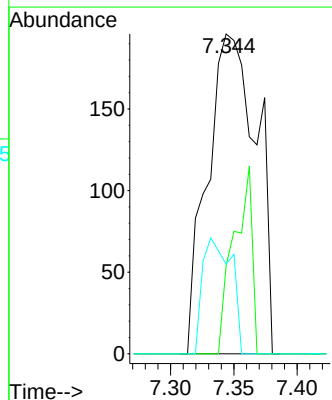
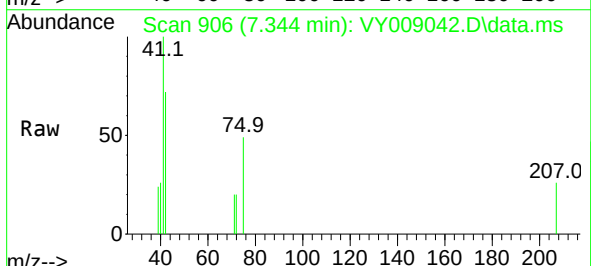


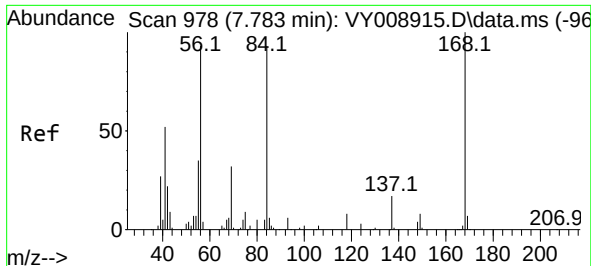
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
72 25.7 17.7 26.5



#29
Tetrahydrofuran
Concen: 1.864 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion: 42 Resp: 530
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 21.1 29.0 43.4#

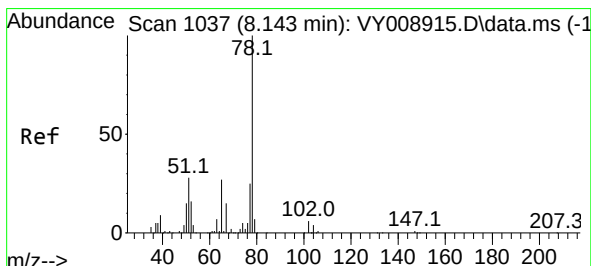
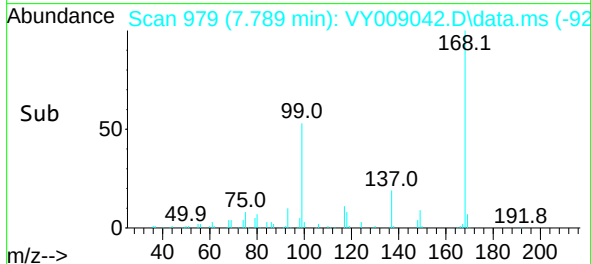
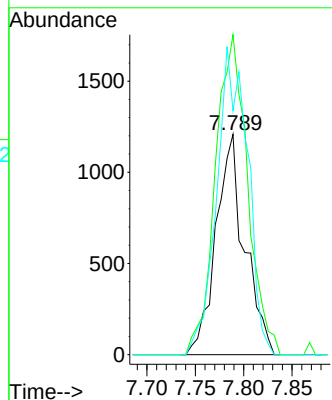
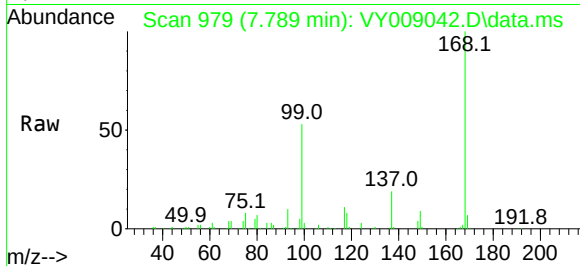




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

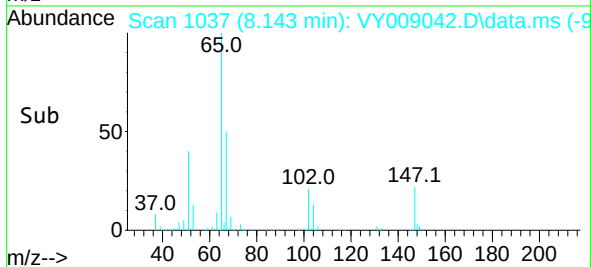
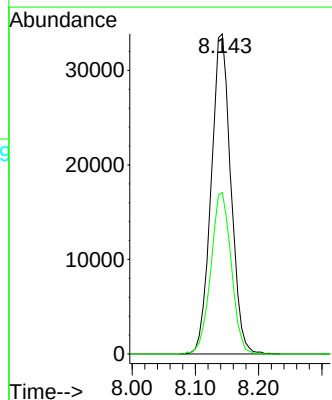
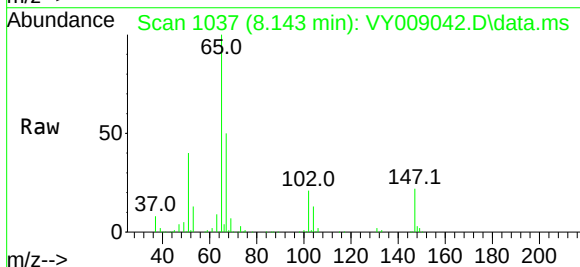
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

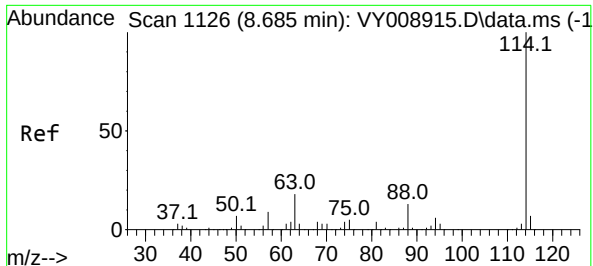
Tgt Ion: 56 Resp: 2485
Ion Ratio Lower Upper
56 100
69 145.3 26.7 40.1#
84 110.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.950 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion: 65 Resp: 73136
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: VY009042.D

Acq: 24 May 2022 05:55

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1824-01

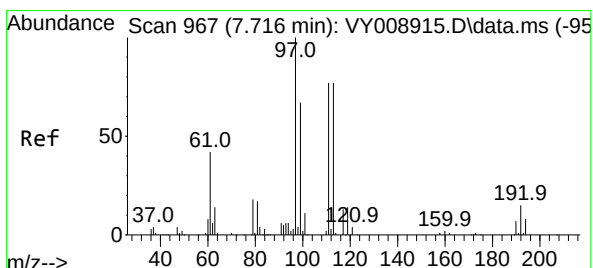
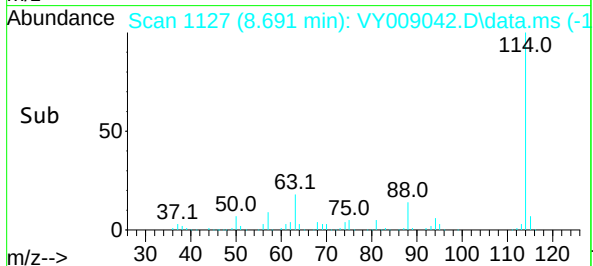
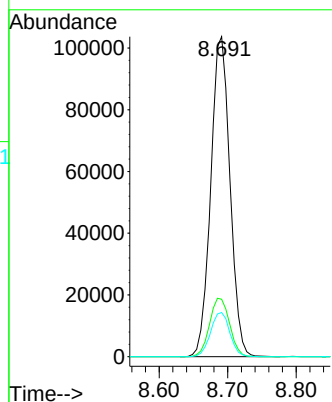
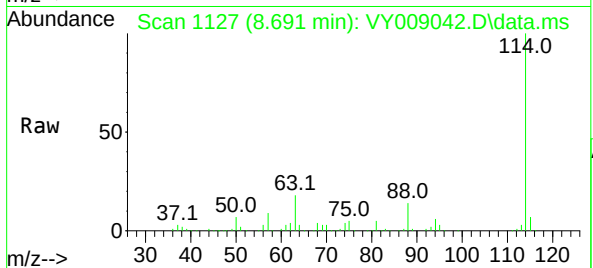
Tgt Ion:114 Resp: 202102

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.772 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009042.D

Acq: 24 May 2022 05:55

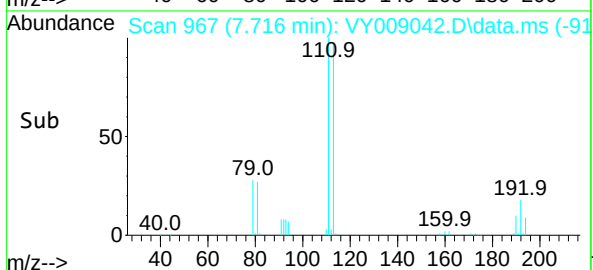
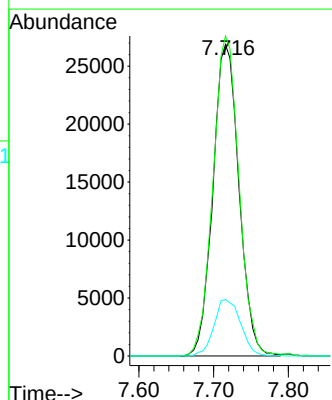
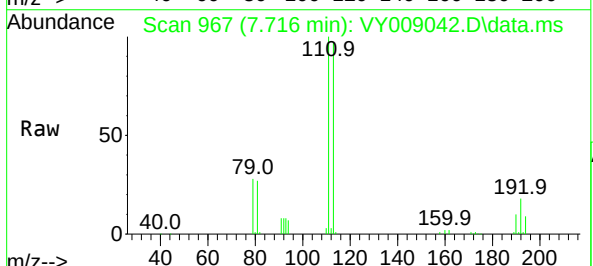
Tgt Ion:113 Resp: 65065

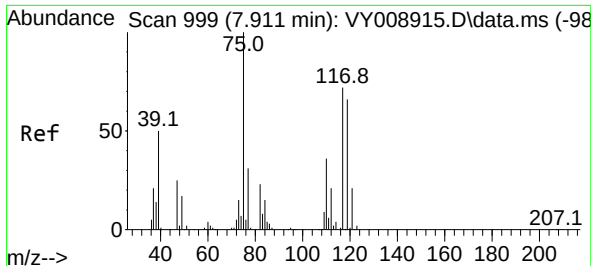
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.5 17.6 26.4

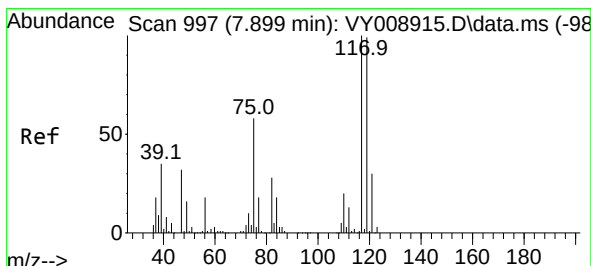
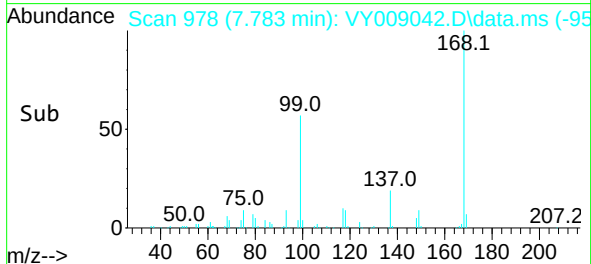
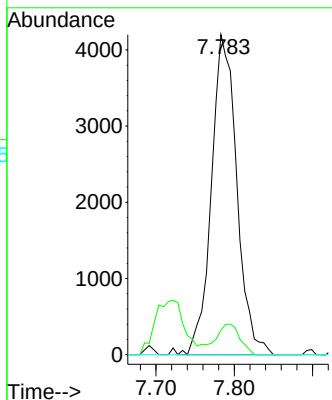
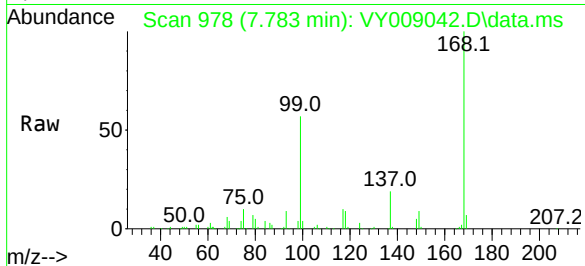




#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009042.D
 Acq: 24 May 2022 05:55

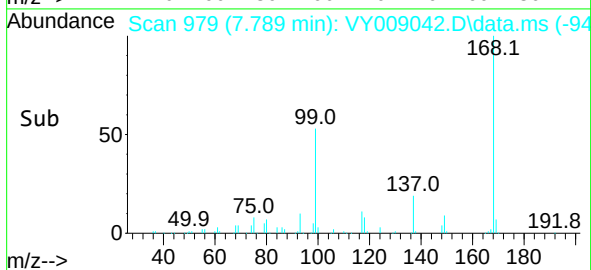
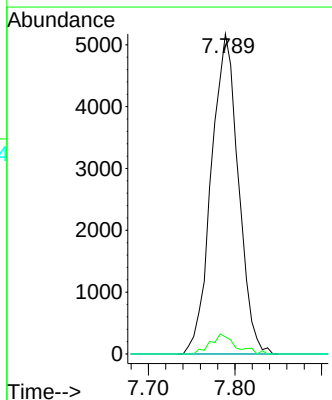
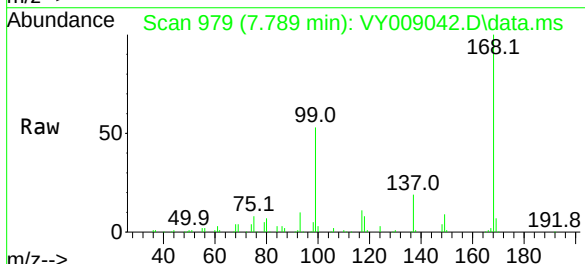
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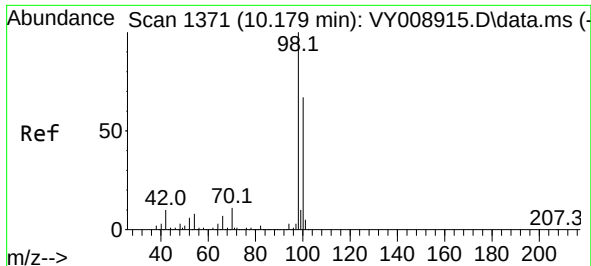
Tgt Ion: 75 Resp: 9464
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.021 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009042.D
 Acq: 24 May 2022 05:55

Tgt Ion: 117 Resp: 11234
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.9 116.9#
 121 0.0 24.8 37.2#

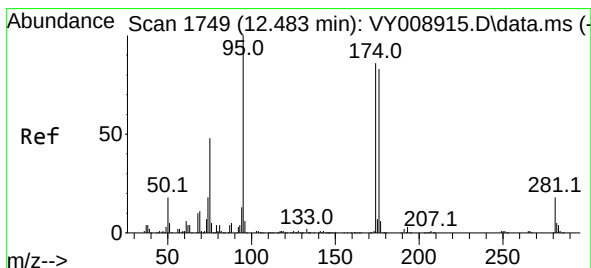
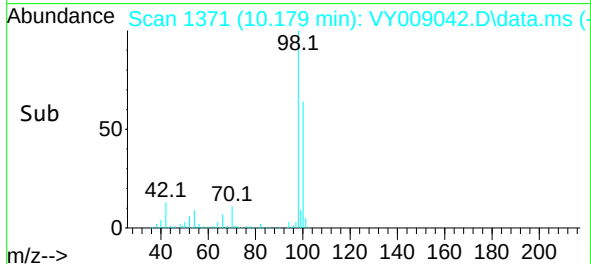
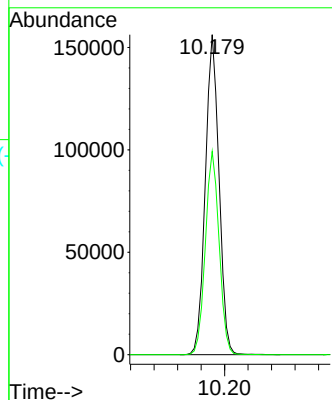
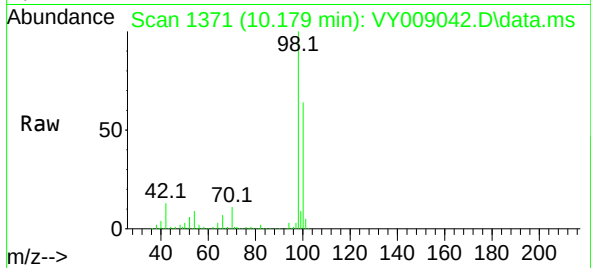




#50
Toluene-d8
Concen: 54.543 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

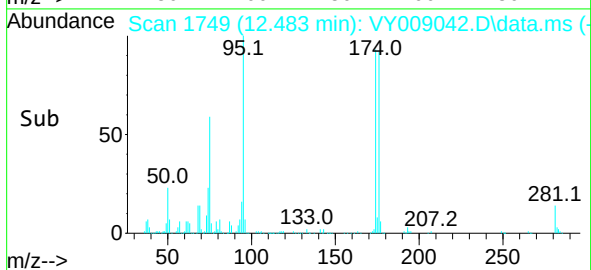
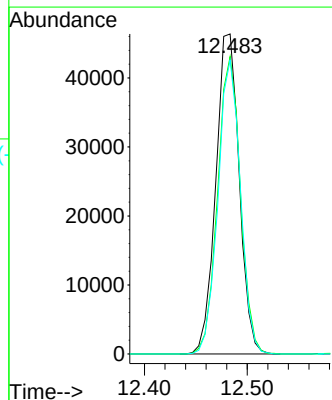
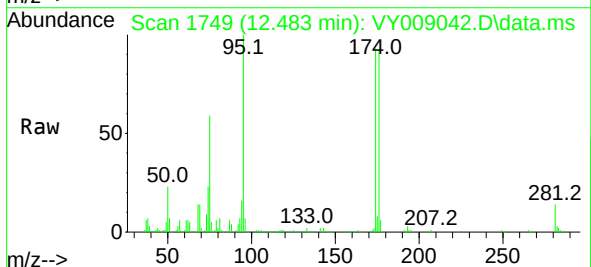
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

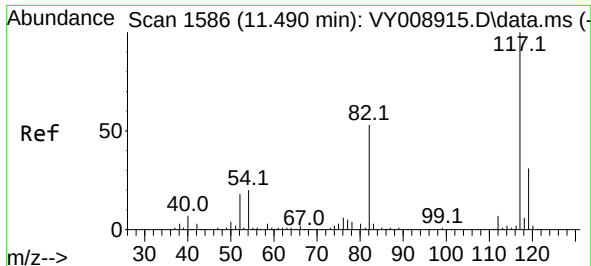
Tgt Ion: 98 Resp: 252881
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.167 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion: 95 Resp: 73253
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.9 0.0 175.8

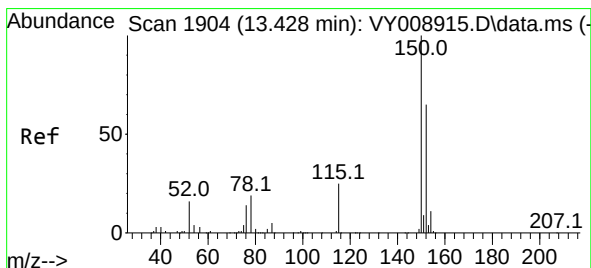
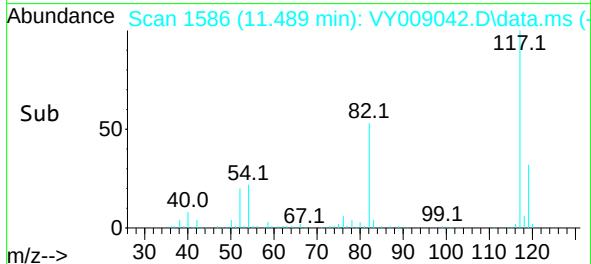
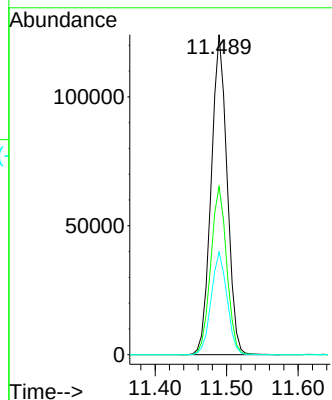
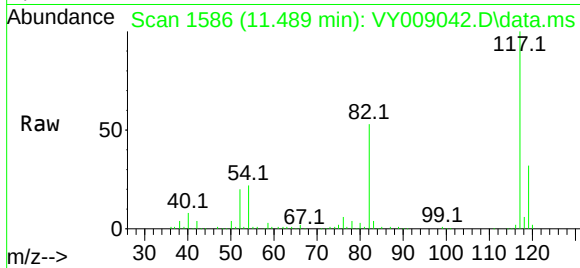




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

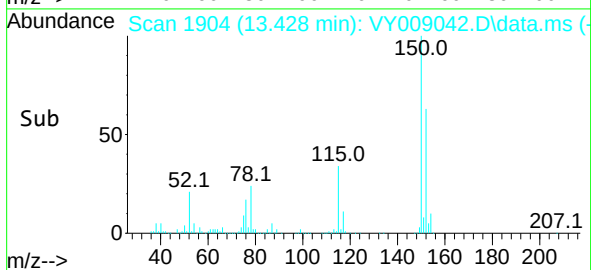
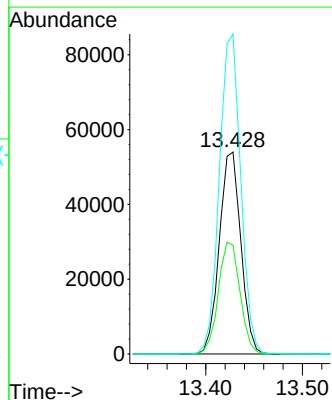
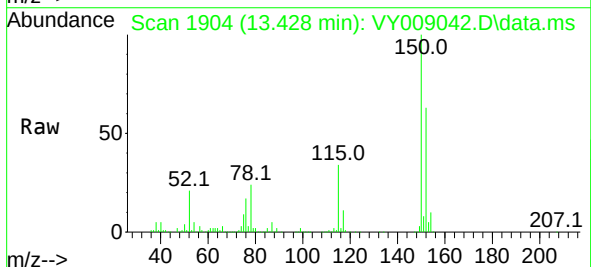
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

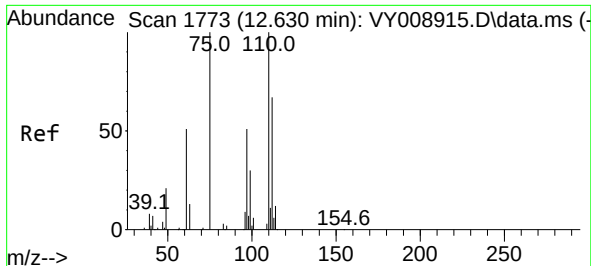
Tgt Ion:117 Resp: 191805
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion:152 Resp: 83454
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.5 0.0 347.6

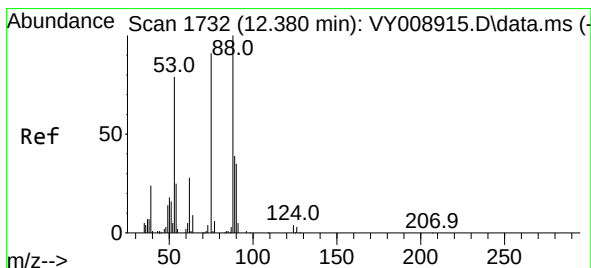
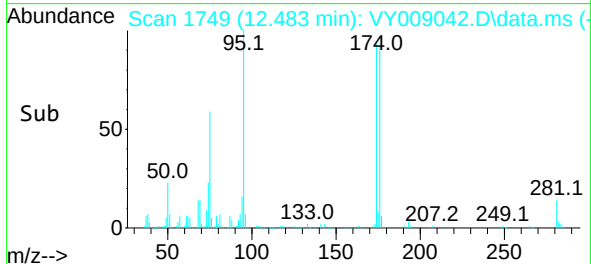
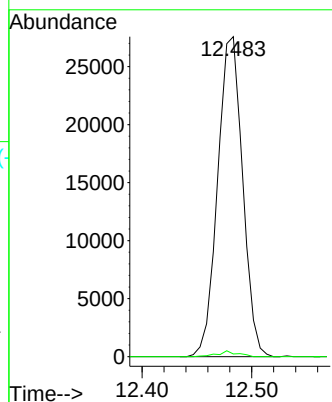
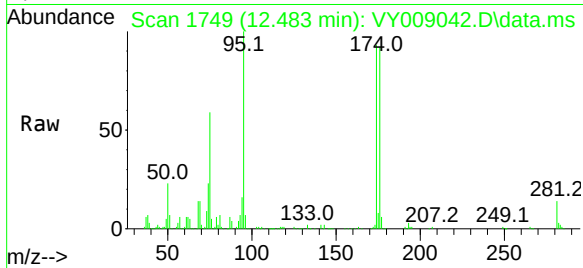




#76
1,2,3-Trichloropropane
Concen: 48.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1824-01

Tgt Ion: 75 Resp: 43655
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009042.D
Acq: 24 May 2022 05:55

Tgt Ion: 75 Resp: 43655
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

