

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008932.D
 Acq On : 21 May 2022 03:12
 Operator : KP/MD
 Sample : N2888-03
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-1824-01

Quant Time: May 21 04:25:42 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)

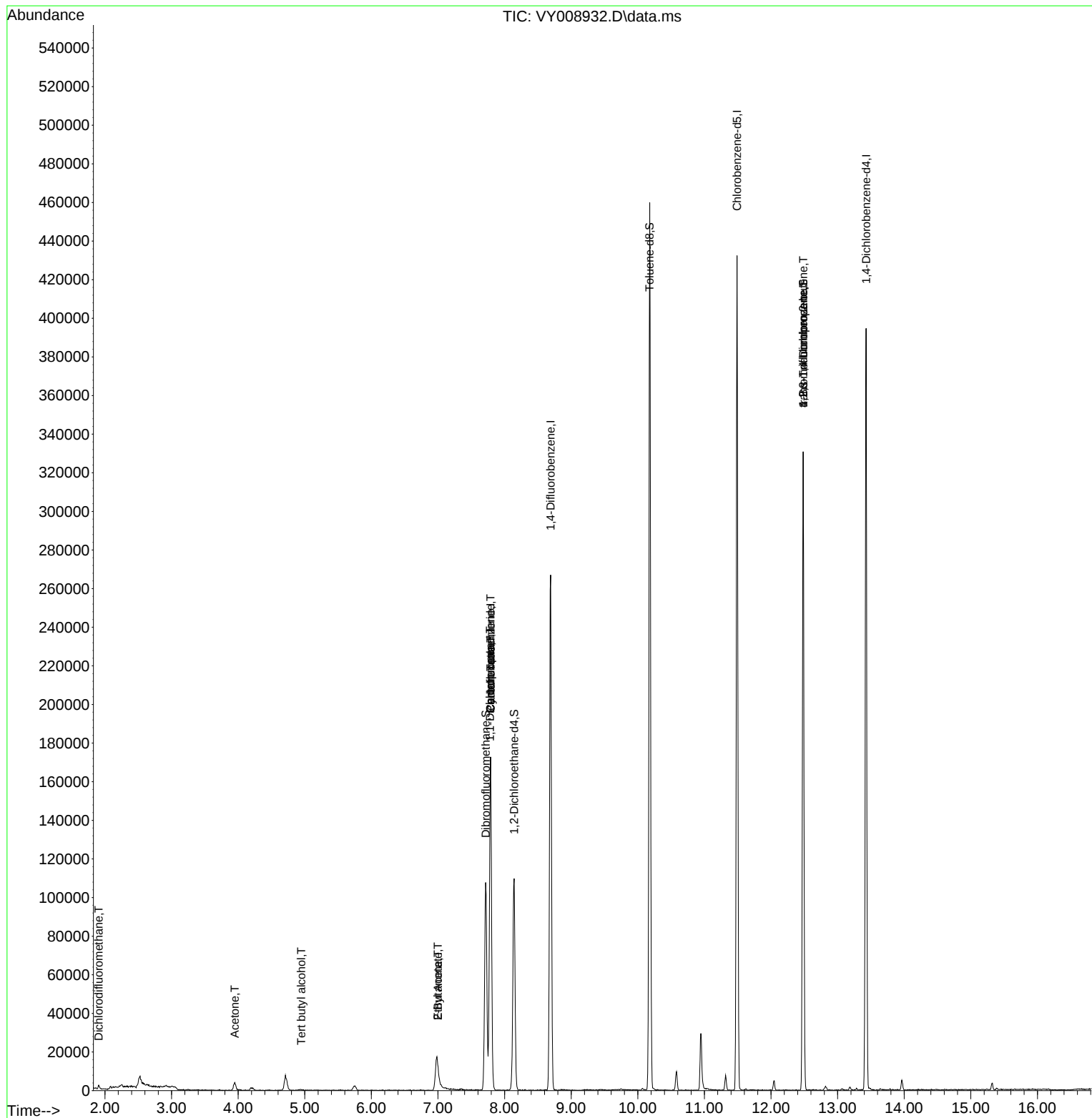
Internal Standards						
1) Pentafluorobenzene	7.789	168	130317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80830	60.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.716	113	74223	52.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.179	98	286499	55.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.483	95	85408	40.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.680%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	1306	1.096	ug/l	88
11) Tert butyl alcohol	4.948	59	818	6.013	ug/l #	77
16) Acetone	3.948	43	6804	24.371	ug/l	93
20) Methylene Chloride	4.710	84	5115	Below Cal		94
25) 2-Butanone	6.996	43	1906	3.822	ug/l #	87
31) Cyclohexane	7.789	56	2948	1.124	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	11038	4.616	ug/l #	52
37) Ethyl Acetate	6.996	43	1906	1.537	ug/l #	33
38) Carbon Tetrachloride	7.789	117	13556	5.419	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	49724	48.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49724	98.745	ug/l #	7

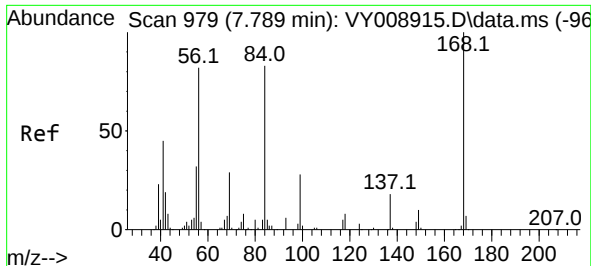
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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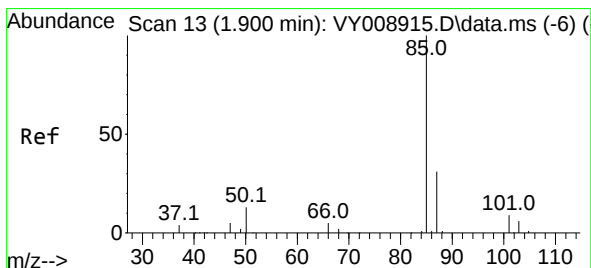
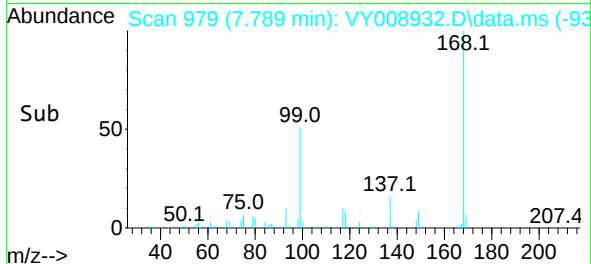
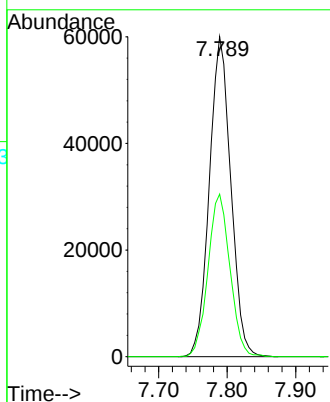
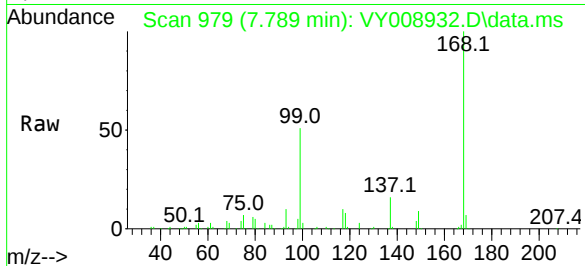




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

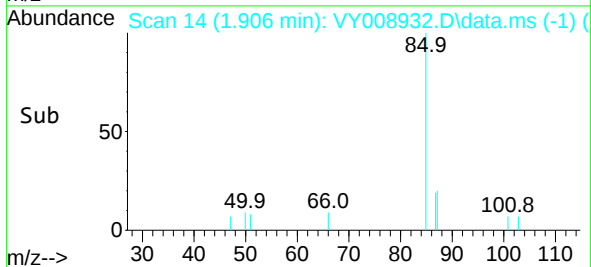
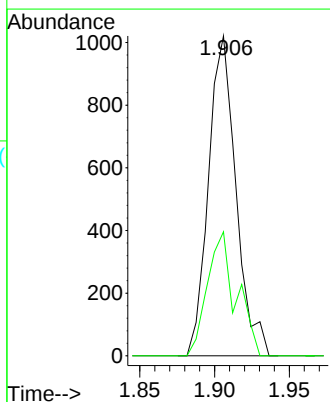
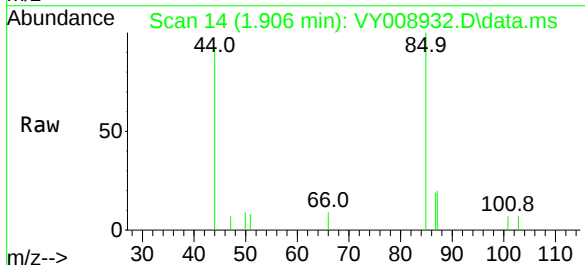
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-1824-01

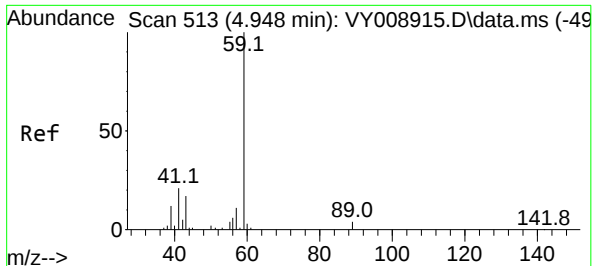
Tgt Ion:168 Resp: 130317
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.096 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Tgt Ion: 85 Resp: 1306
Ion Ratio Lower Upper
85 100
87 38.8 16.1 48.2





#11

Tert butyl alcohol

Concen: 6.013 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008932.D

Acq: 21 May 2022 03:12

Instrument :

MSVOA_Y

ClientSampleId :

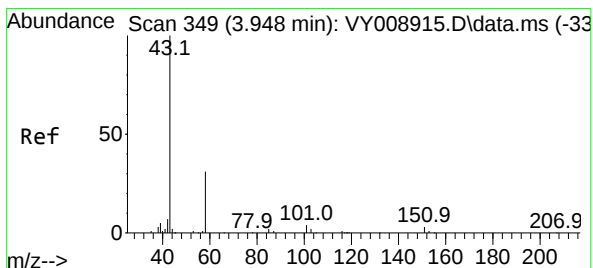
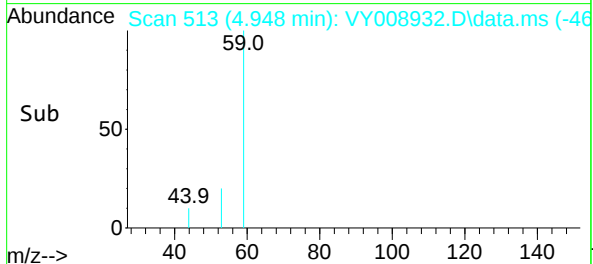
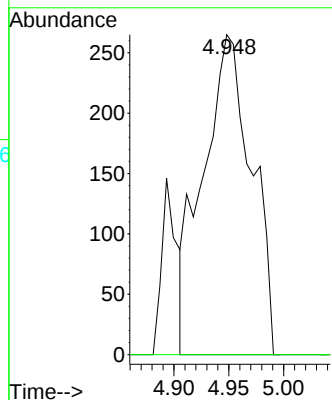
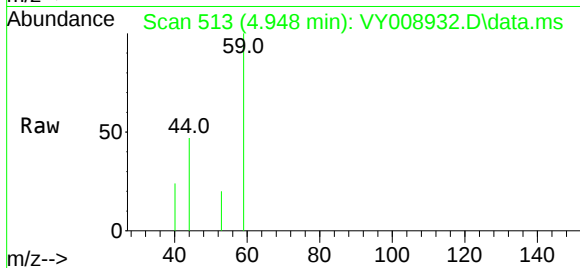
P041-SS001-1824-01

Tgt Ion: 59 Resp: 818

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 24.371 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008932.D

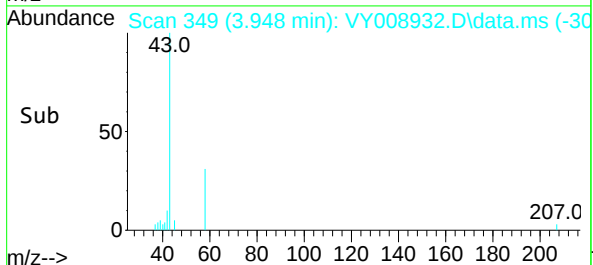
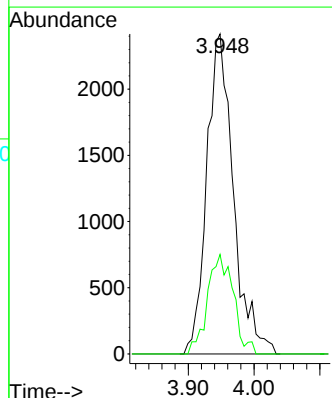
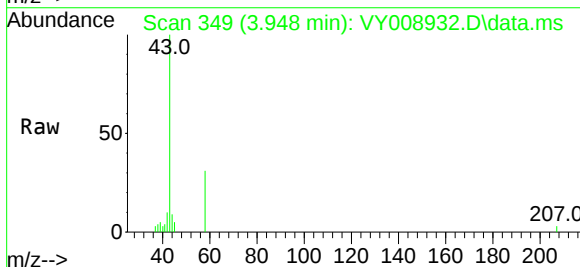
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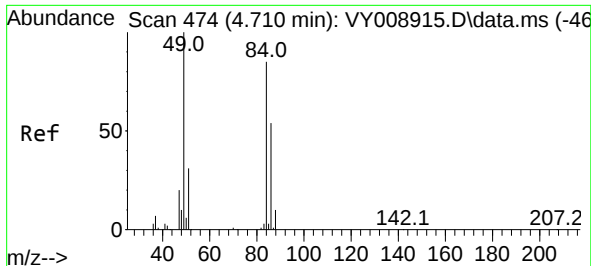
Tgt Ion: 43 Resp: 6804

Ion Ratio Lower Upper

43 100

58 31.1 22.0 33.0

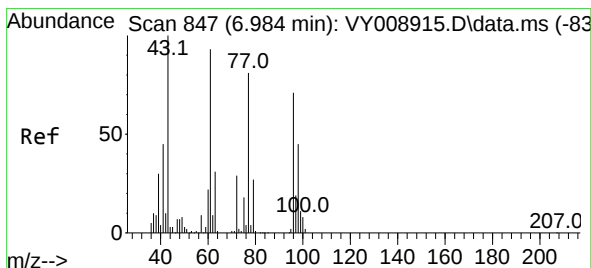
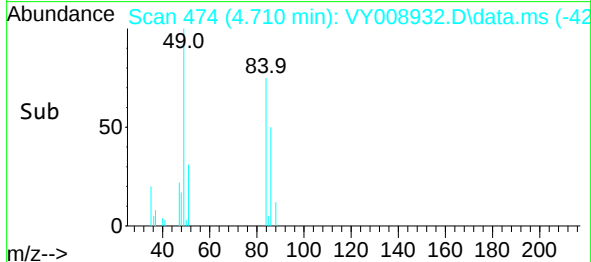
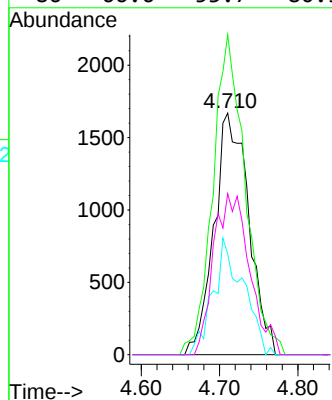
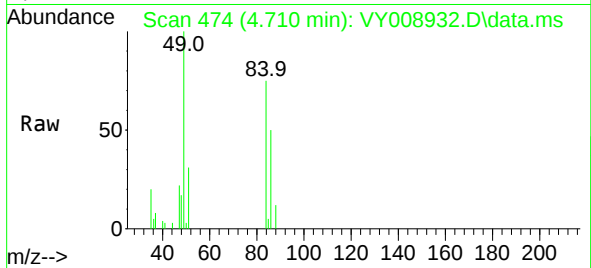




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

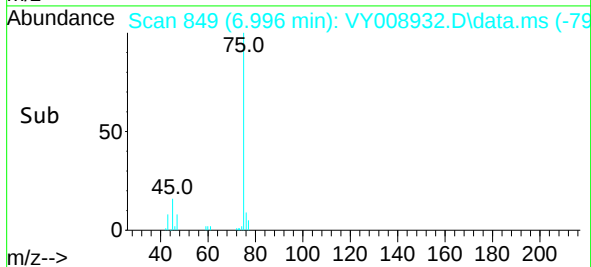
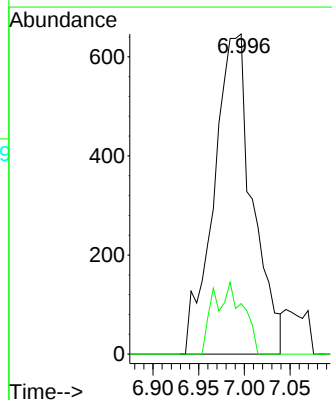
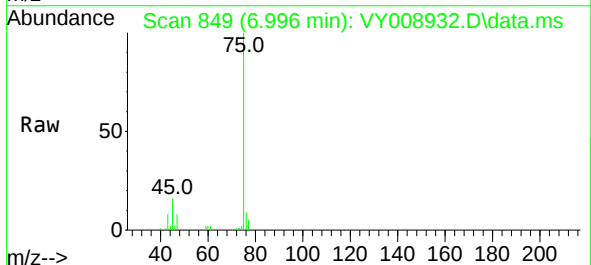
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-1824-01

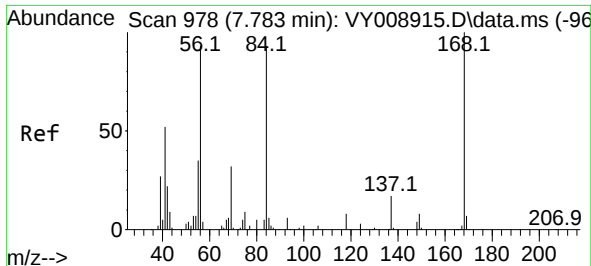
Tgt Ion: 84 Resp: 5115
Ion Ratio Lower Upper
84 100
49 132.5 114.4 171.6
51 41.7 35.3 52.9
86 66.6 53.7 80.5



#25
2-Butanone
Concen: 3.822 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
72 15.8 17.7 26.5#

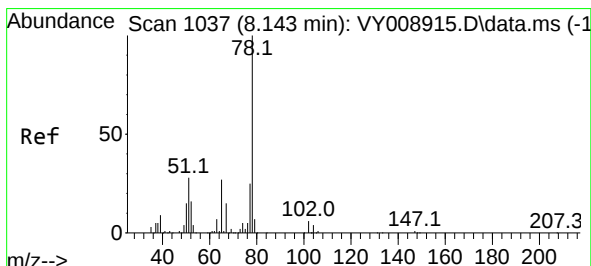
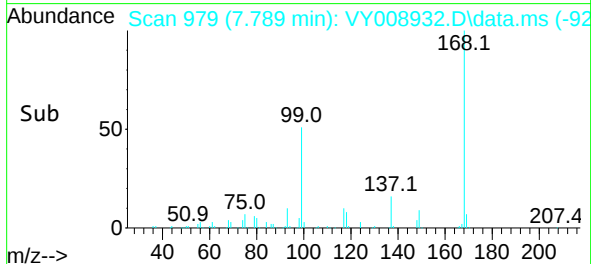
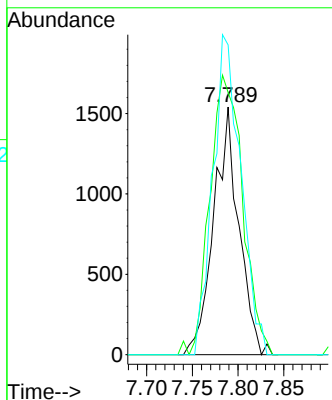
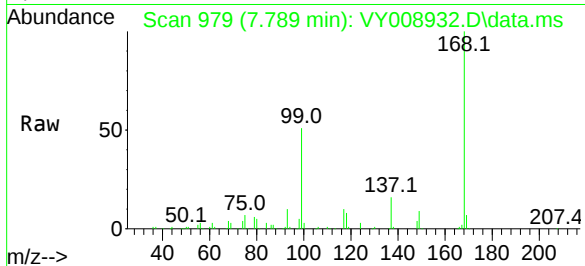




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

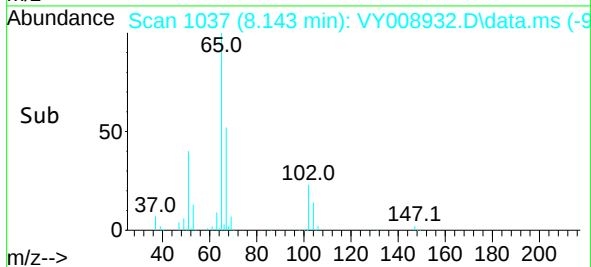
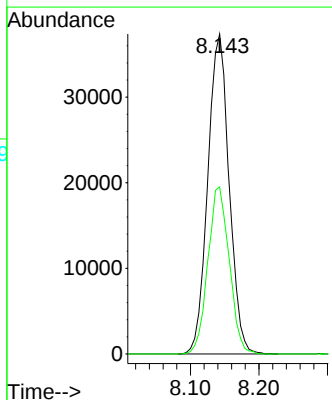
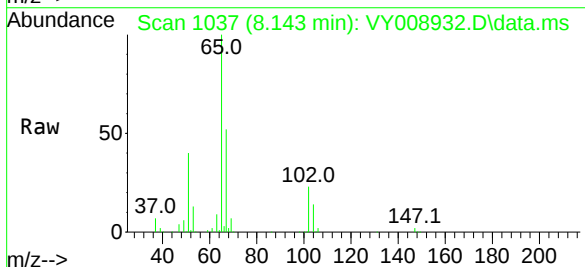
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-1824-01

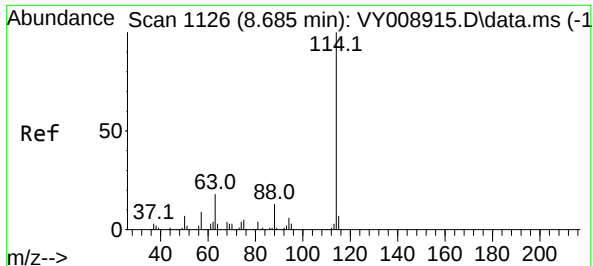
Tgt Ion: 56 Resp: 2948
Ion Ratio Lower Upper
56 100
69 105.9 26.7 40.1#
84 125.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.267 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Tgt Ion: 65 Resp: 80830
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: VY008932.D

Acq: 21 May 2022 03:12

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-1824-01

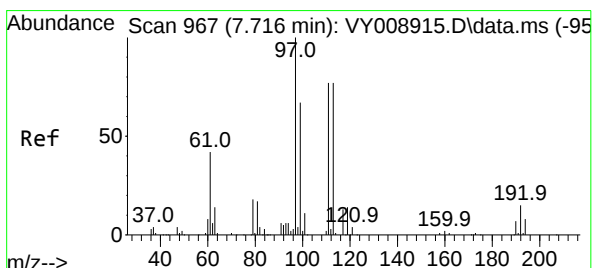
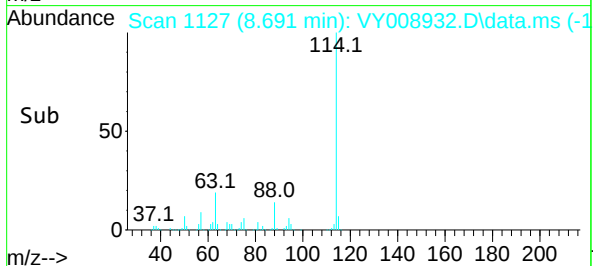
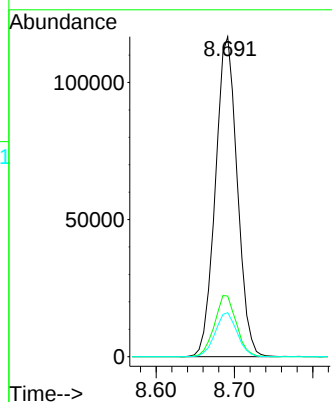
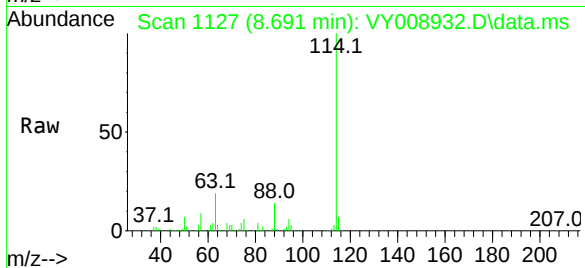
Tgt Ion:114 Resp: 225959

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.824 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008932.D

Acq: 21 May 2022 03:12

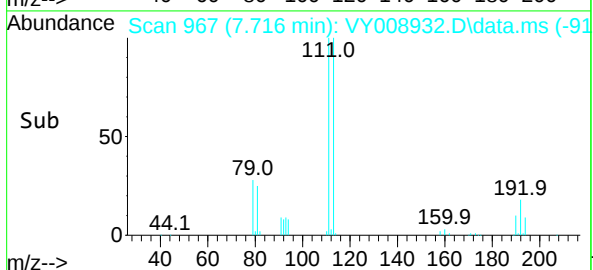
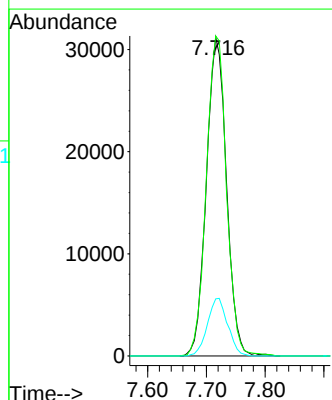
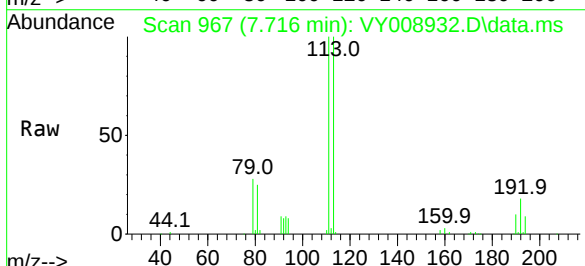
Tgt Ion:113 Resp: 74223

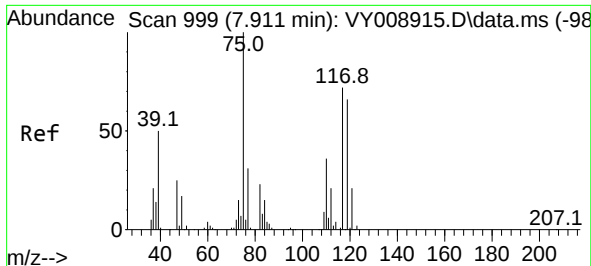
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 18.2 17.6 26.4

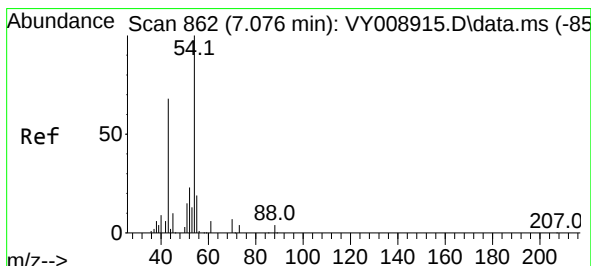
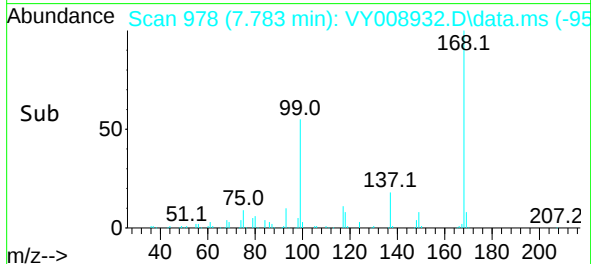
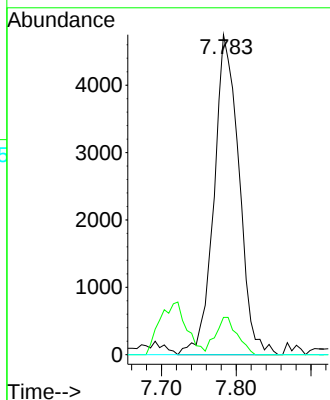
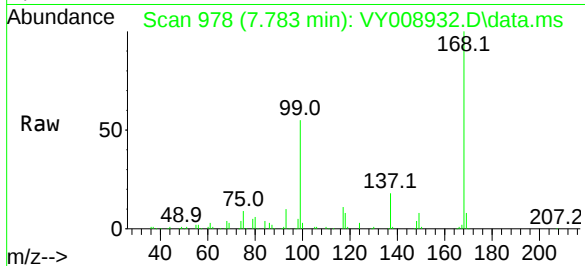




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

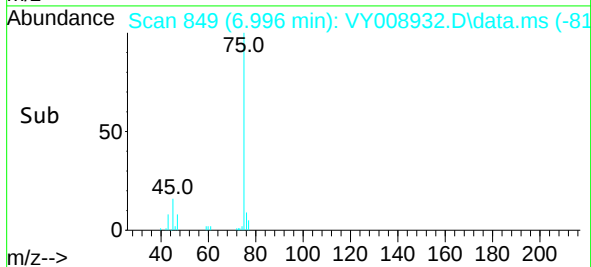
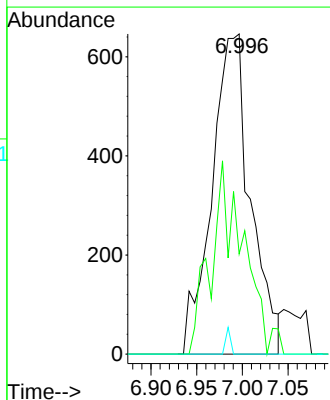
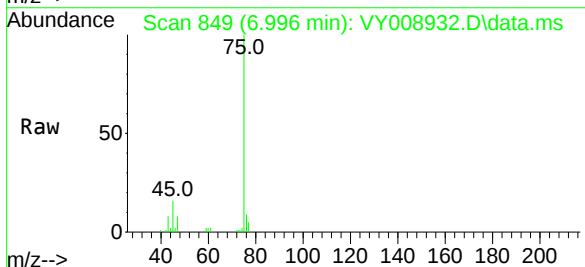
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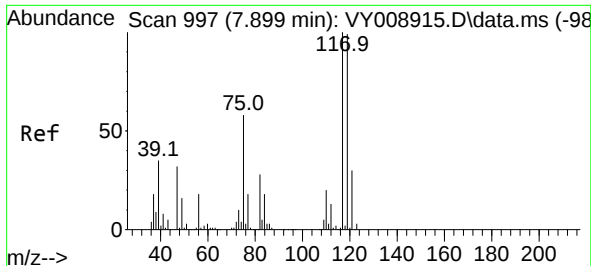
Tgt Ion: 75 Resp: 11038
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.537 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

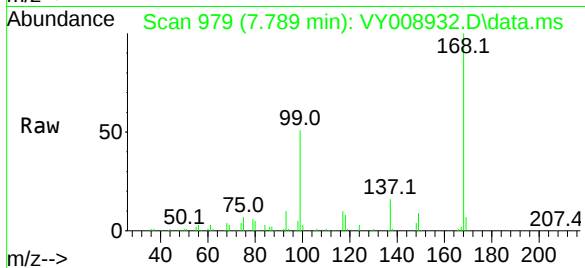
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
61 51.5 9.7 14.5#
70 1.0 7.1 10.7#



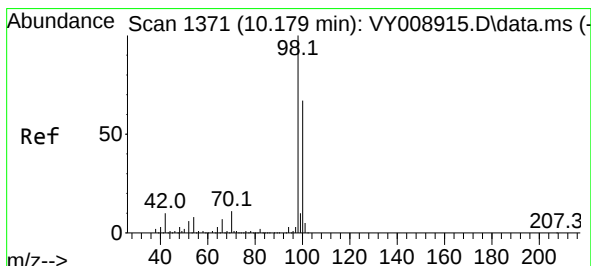
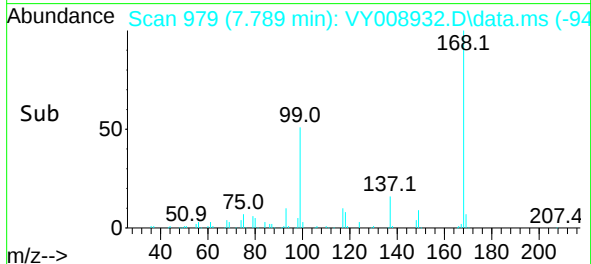
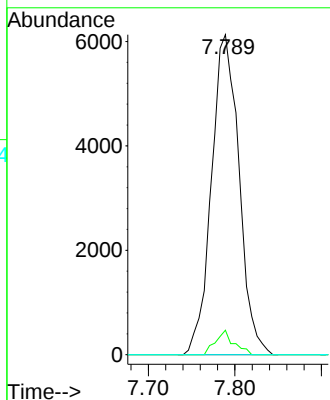


#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-1824-01

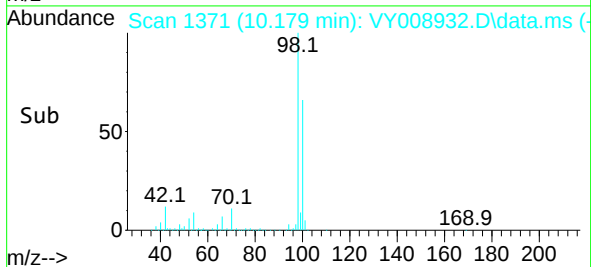
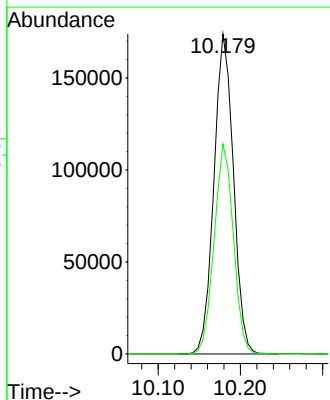
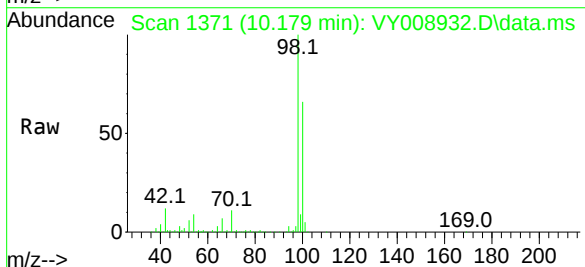


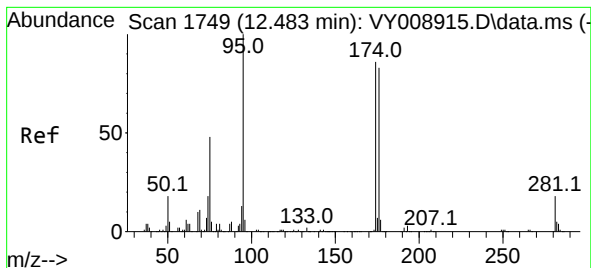
Tgt Ion:117 Resp: 13556
Ion Ratio Lower Upper
117 100
119 7.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Tgt Ion: 98 Resp: 286499
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

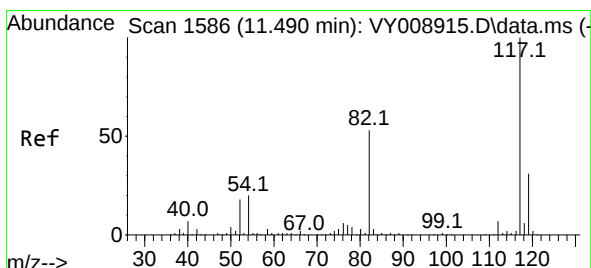
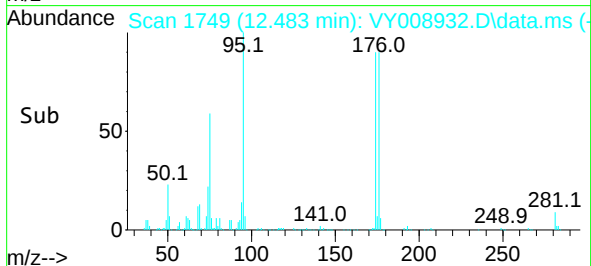
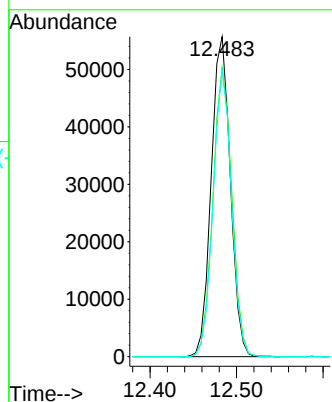
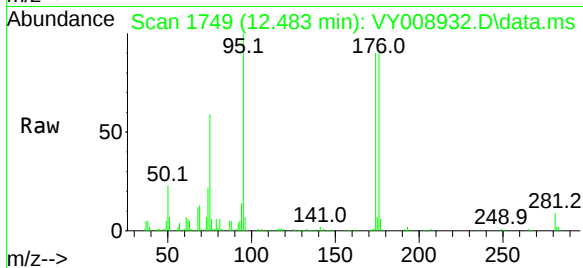




#62
4-Bromofluorobenzene
Concen: 40.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

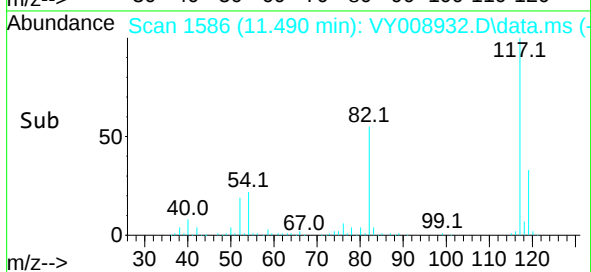
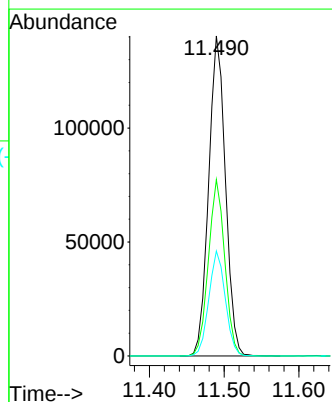
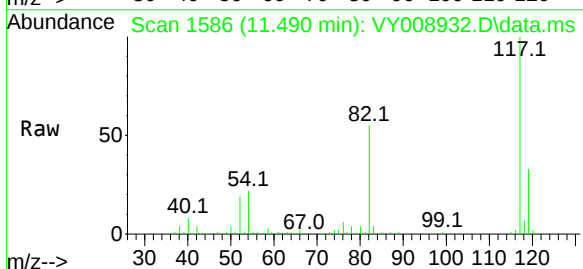
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-1824-01

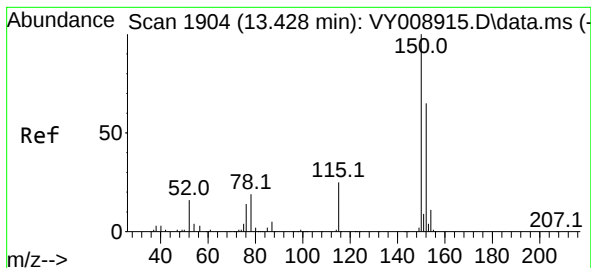
Tgt Ion:	95	Resp:	85408
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	177.0
176	86.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008932.D
Acq: 21 May 2022 03:12

Tgt Ion:	117	Resp:	219430
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.4
119	32.8	25.4	38.0

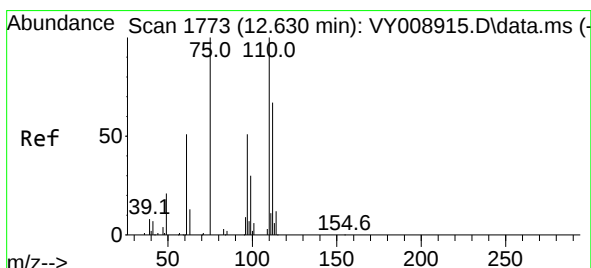
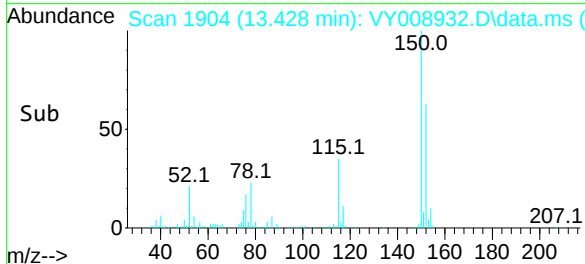
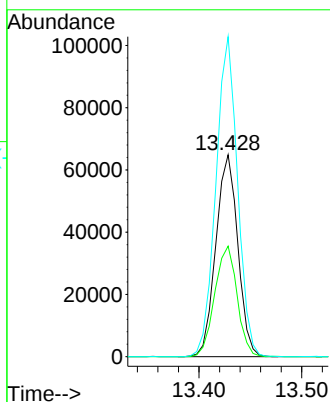
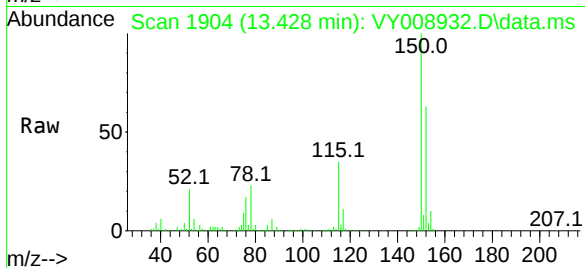




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008932.D
 Acq: 21 May 2022 03:12

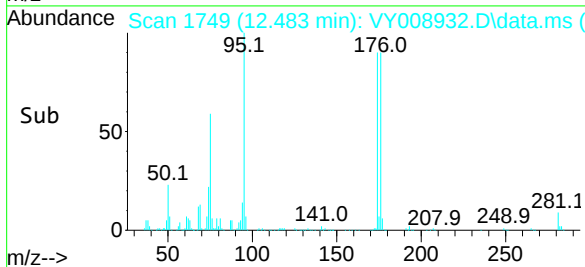
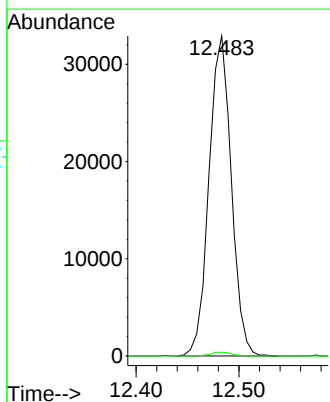
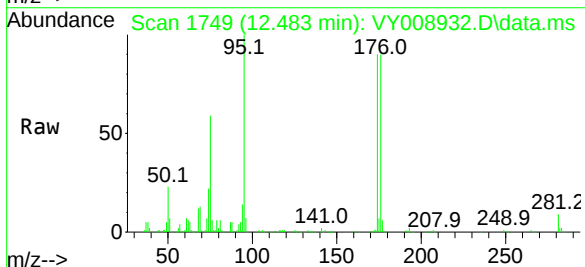
Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-1824-01

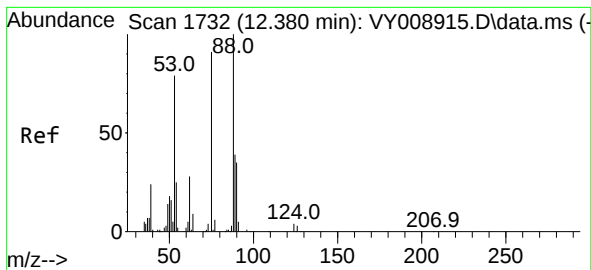
Tgt Ion:152 Resp: 96245
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.110 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008932.D
 Acq: 21 May 2022 03:12

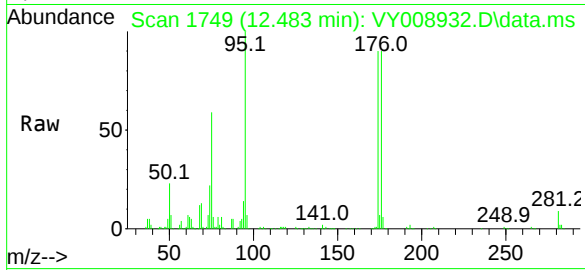
Tgt Ion: 75 Resp: 49724
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.745 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008932.D
 Acq: 21 May 2022 03:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-1824-01



Tgt Ion: 75 Resp: 49724
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

