

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008746.D
 Acq On : 13 May 2022 14:04
 Operator : KP/MD
 Sample : N2781-04RE
 Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-1824-01

Quant Time: May 16 05:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

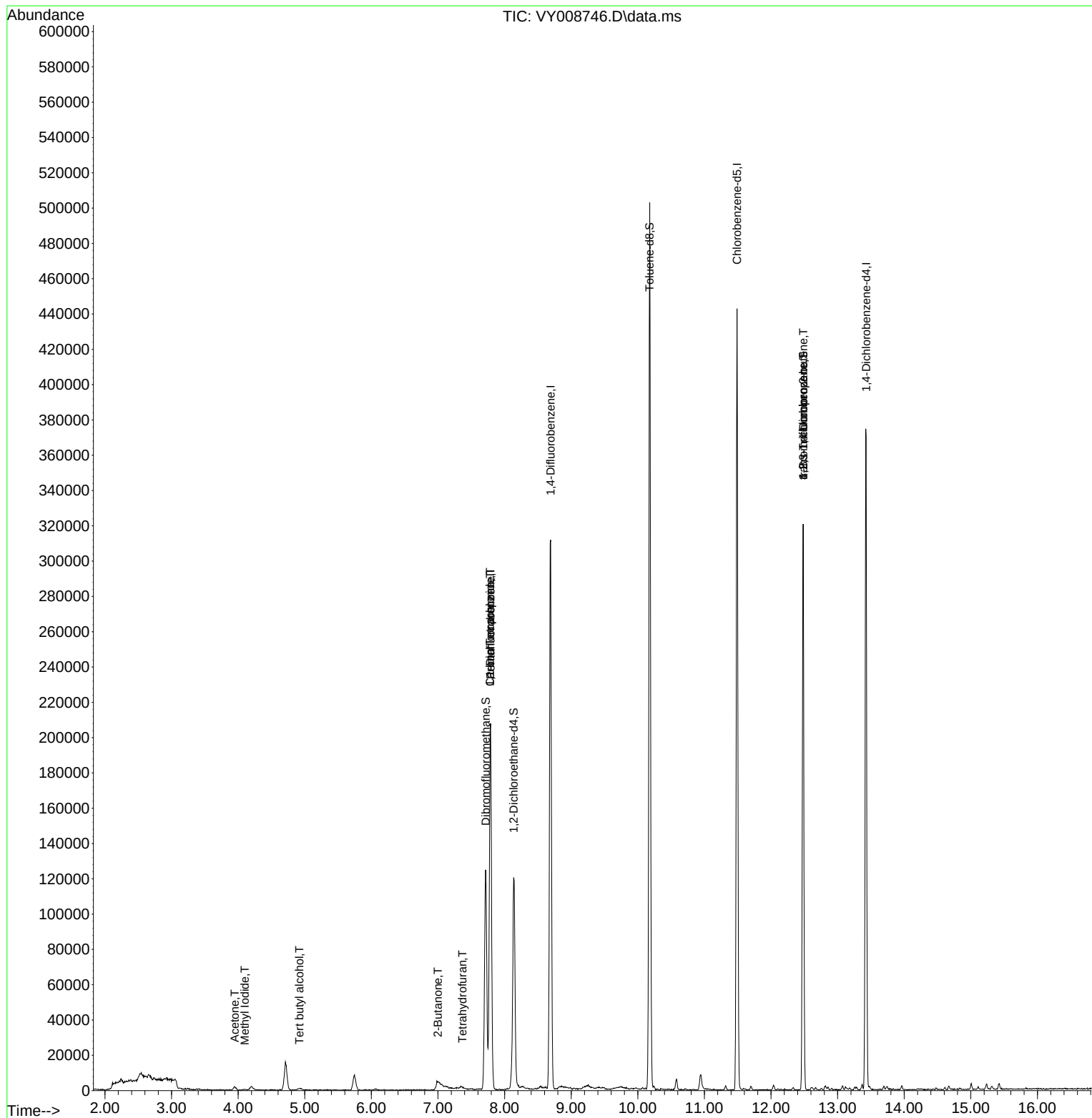
Internal Standards						
1) Pentafluorobenzene	7.789	168	159557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88618	55.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.540%	
35) Dibromofluoromethane	7.716	113	84505	51.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.179	98	324067	52.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.483	95	87257	40.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.220%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	788	Below Cal		95
4) Vinyl Chloride	2.235	62	217	Below Cal	#	41
5) Bromomethane	2.668	94	1691	Below Cal		89
6) Chloroethane	2.778	64	126	Below Cal	#	31
10) Methyl Iodide	4.101	142	933	1.030	ug/l #	74
11) Tert butyl alcohol	4.917	59	668	1.805	ug/l #	87
16) Acetone	3.948	43	3365	6.379	ug/l	97
18) Methyl Acetate	4.472	43	128	Below Cal	#	49
20) Methylene Chloride	4.710	84	11339	Below Cal	#	92
25) 2-Butanone	6.996	43	831	1.474	ug/l #	43
29) Tetrahydrofuran	7.368	42	651	1.791	ug/l #	28
31) Cyclohexane	7.783	56	4020	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	13639	5.187	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16197	5.838	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	49076	52.009	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49076	100.476	ug/l #	16

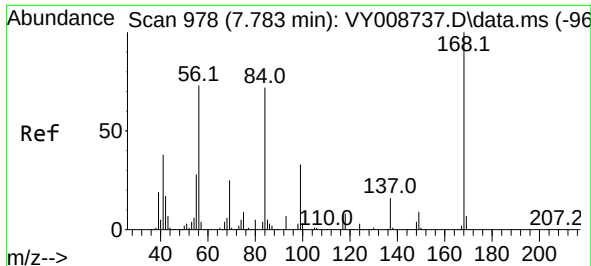
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
Data File : VY008746.D
Acq On : 13 May 2022 14:04
Operator : KP/MD
Sample : N2781-04RE
Misc : 6.30g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

Quant Time: May 16 05:51:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
Quant Title : SW846 8260
QLast Update : Fri May 13 02:08:33 2022
Response via : Initial Calibration

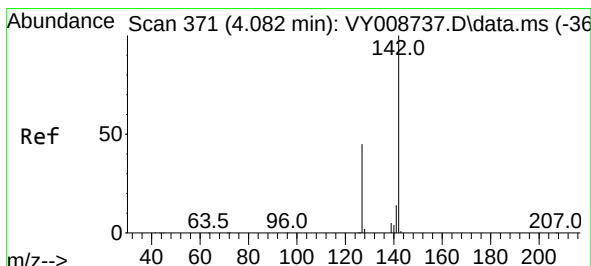
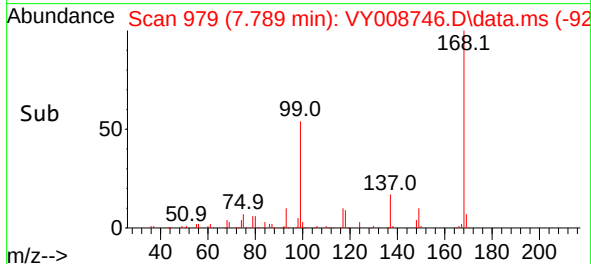
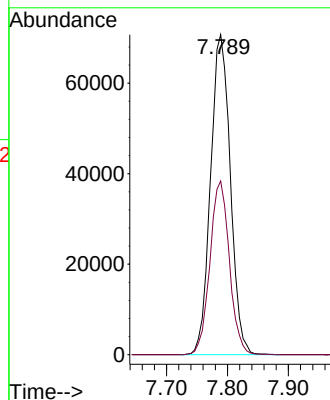
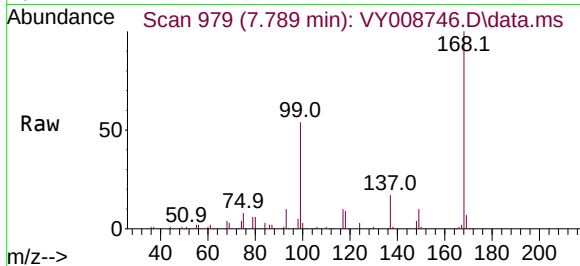




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

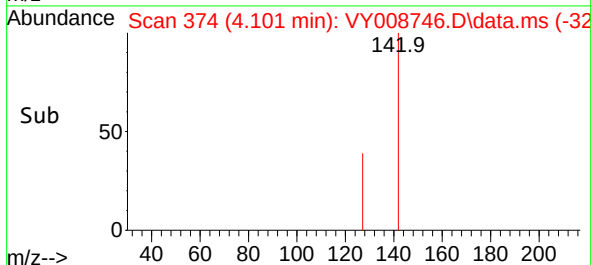
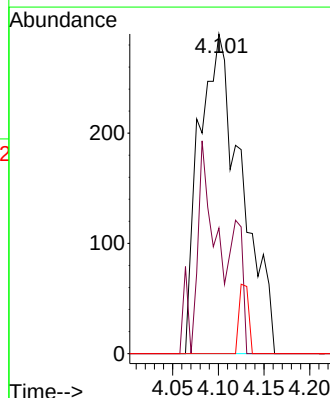
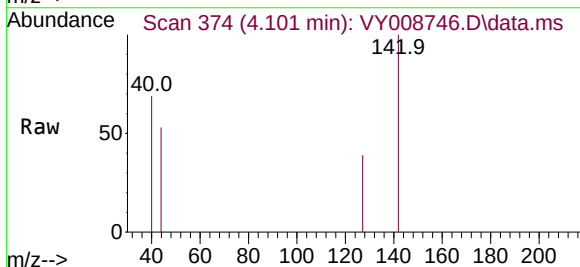
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

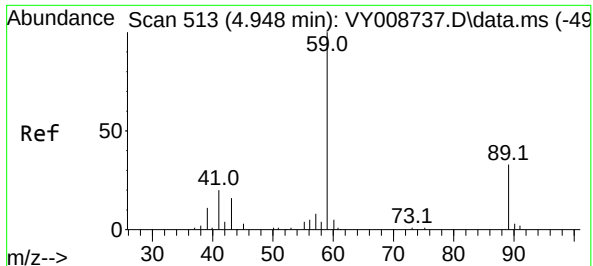
Tgt Ion:168 Resp: 159557
Ion Ratio Lower Upper
168 100
99 54.3 42.3 63.5



#10
Methyl Iodide
Concen: 1.030 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion:142 Resp: 933
Ion Ratio Lower Upper
142 100
127 29.5 35.4 53.0#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1.805 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.031 min

Lab File: VY008746.D

Acq: 13 May 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

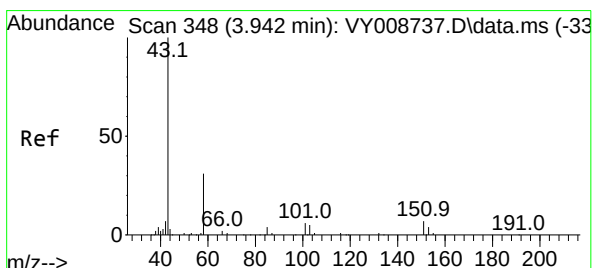
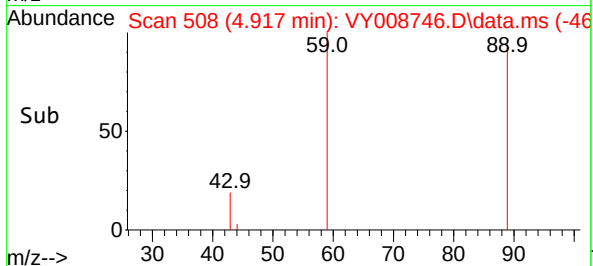
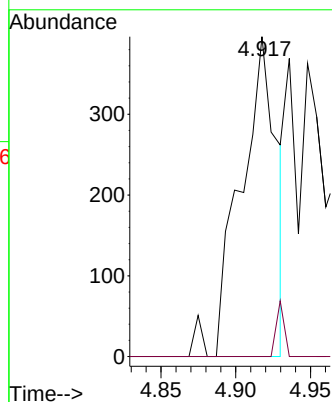
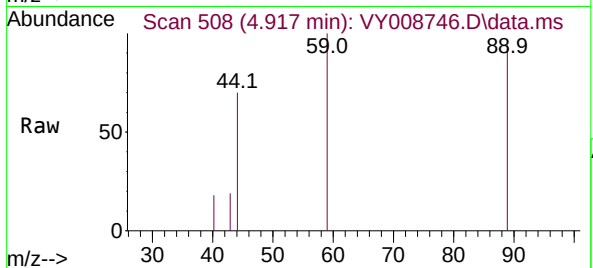
P003-SS003-1824-01

Tgt Ion: 59 Resp: 668

Ion Ratio Lower Upper

59 100

57 3.7 6.7 10.1#



#16

Acetone

Concen: 6.379 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008746.D

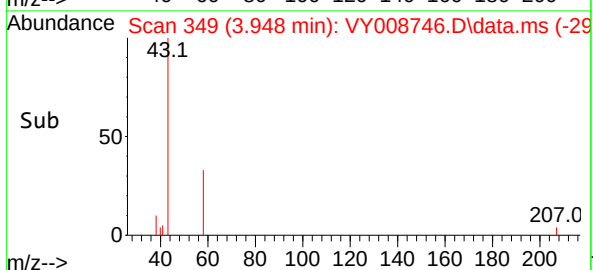
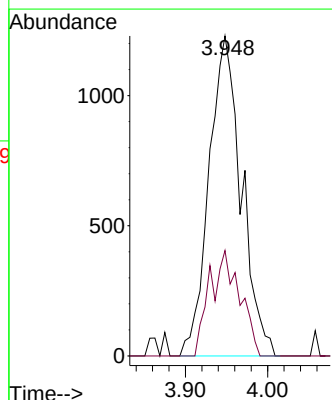
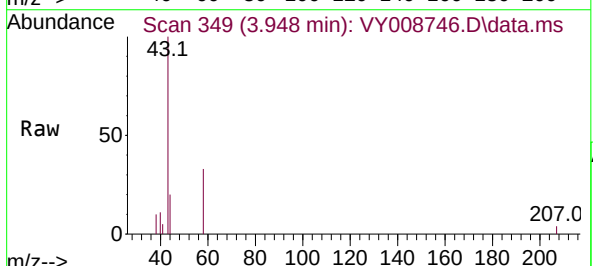
Acq: 13 May 2022 14:04

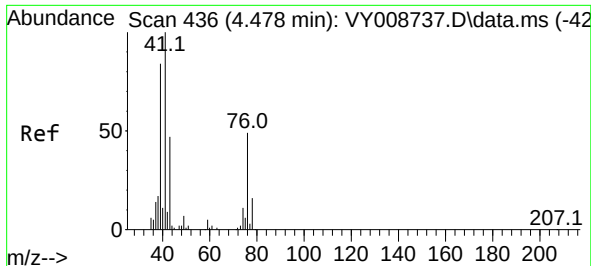
Tgt Ion: 43 Resp: 3365

Ion Ratio Lower Upper

43 100

58 33.0 25.1 37.7

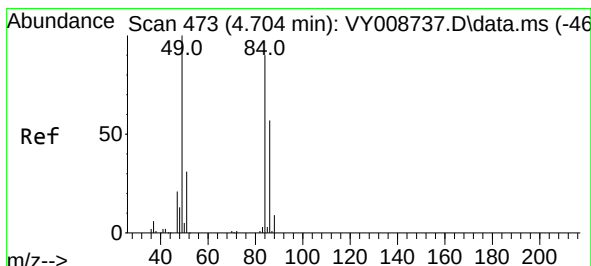
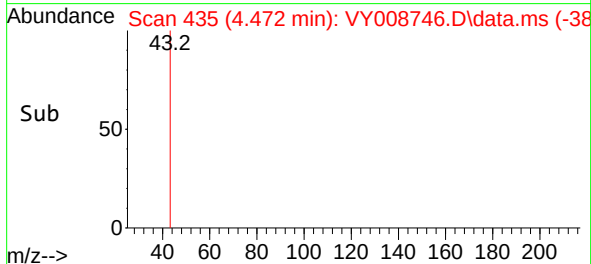
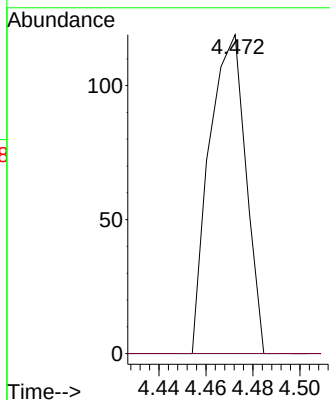
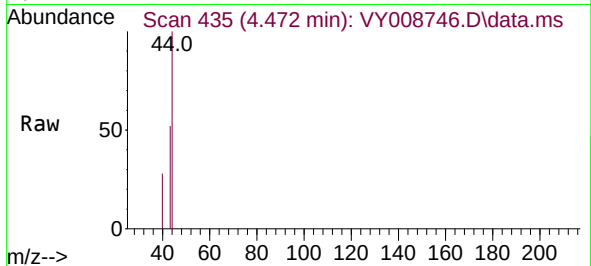




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

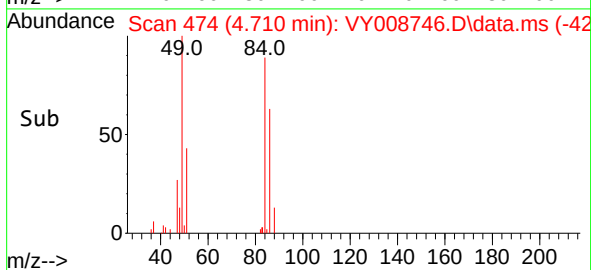
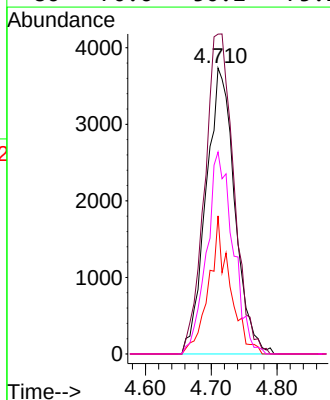
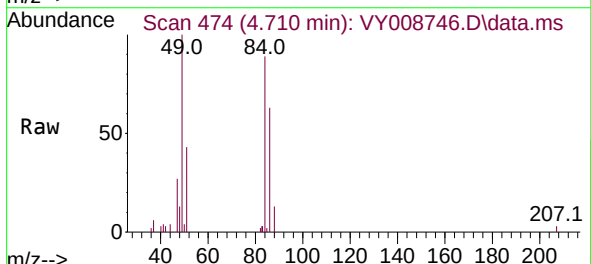
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

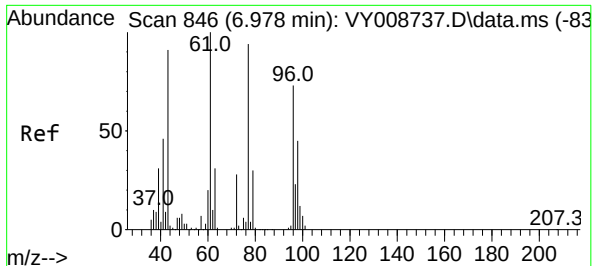
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 84 Resp: 11339
Ion Ratio Lower Upper
84 100
49 111.9 88.6 133.0
51 48.3 27.4 41.0#
86 70.6 50.2 75.2

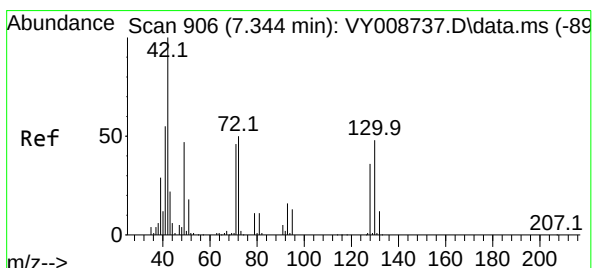
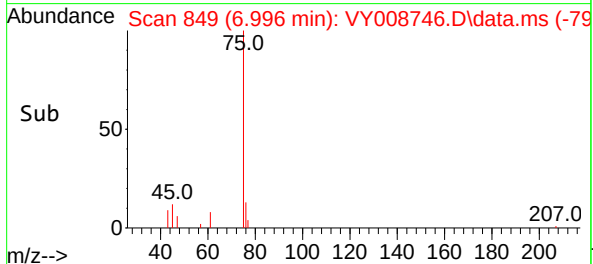
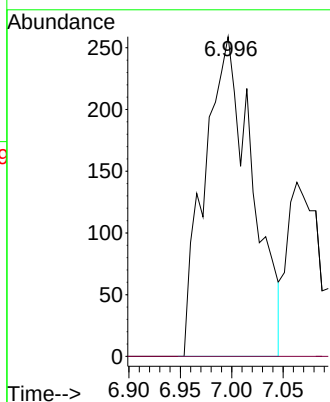
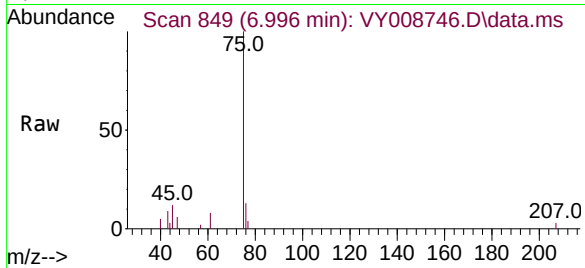




#25
2-Butanone
Concen: 1.474 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

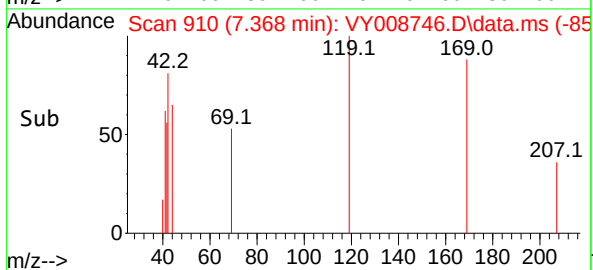
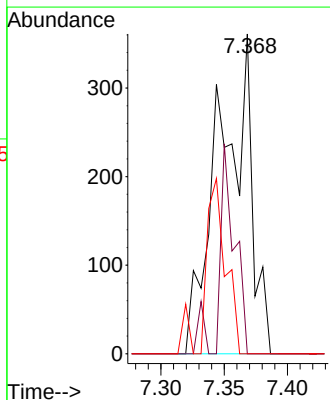
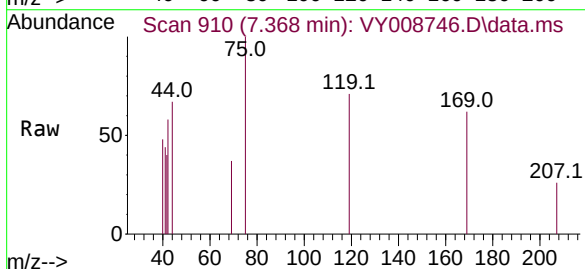
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

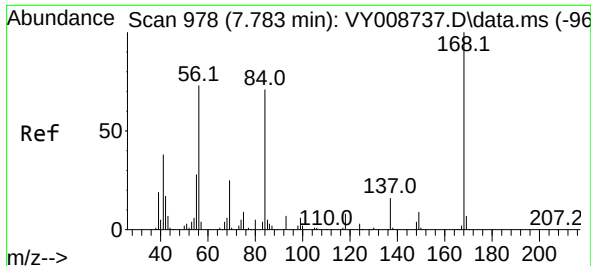
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.4#



#29
Tetrahydrofuran
Concen: 1.791 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.025 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
72 0.0 40.7 61.1#
71 0.0 37.4 56.0#

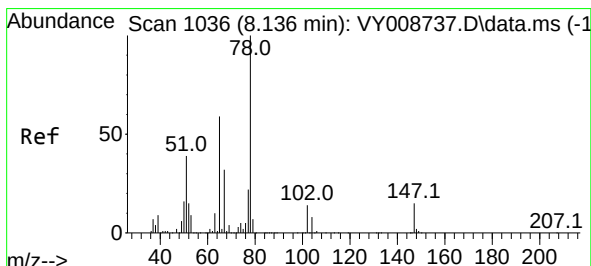
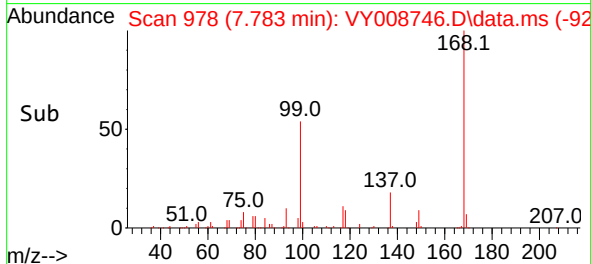
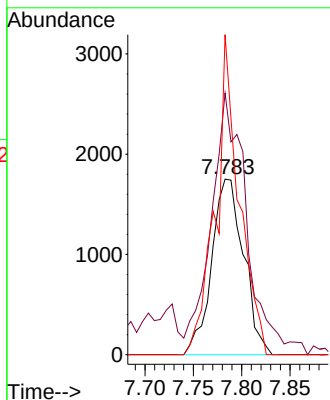
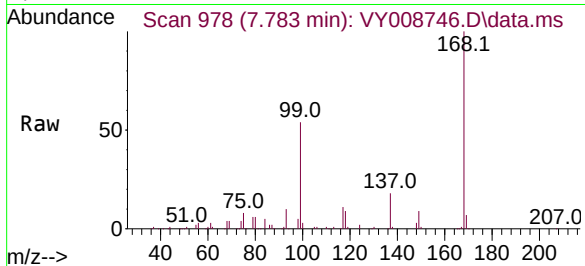




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

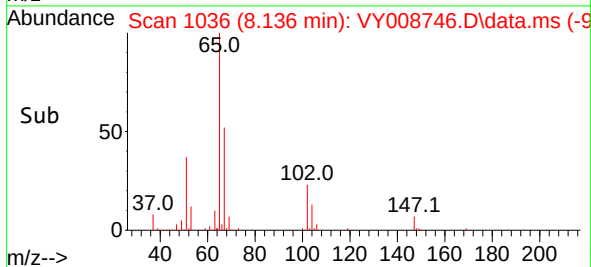
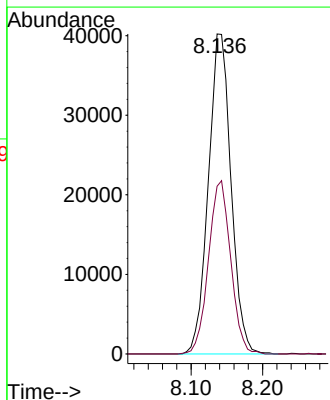
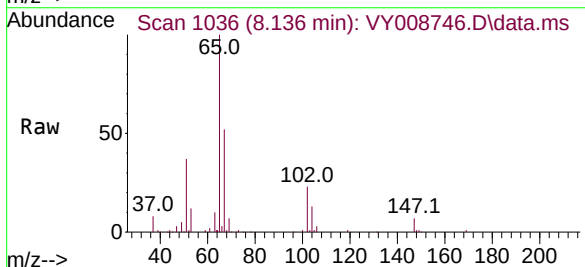
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

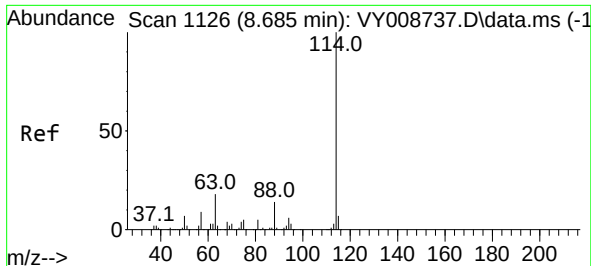
Tgt Ion: 56 Resp: 4020
Ion Ratio Lower Upper
56 100
69 137.2 27.4 41.0#
84 182.3 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 55.769 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 65 Resp: 88618
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.0

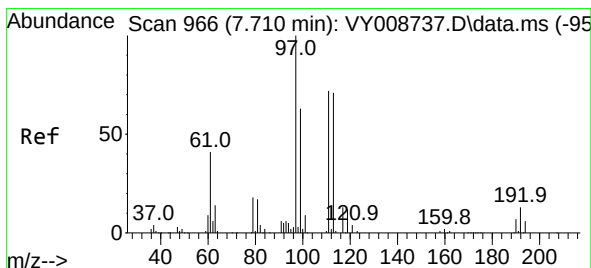
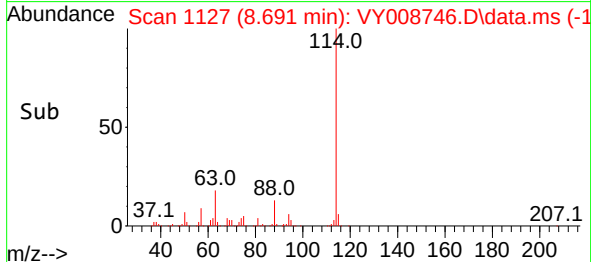
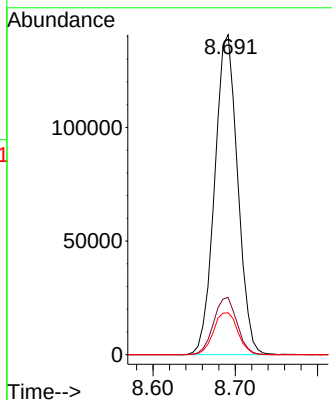
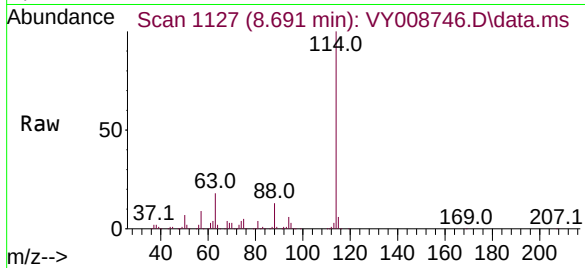




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

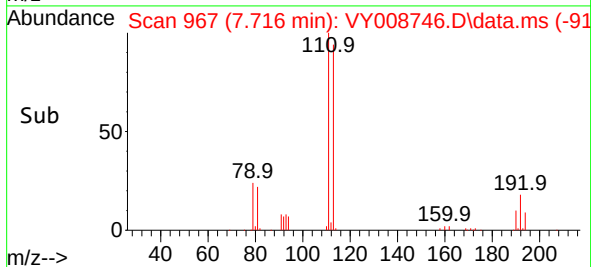
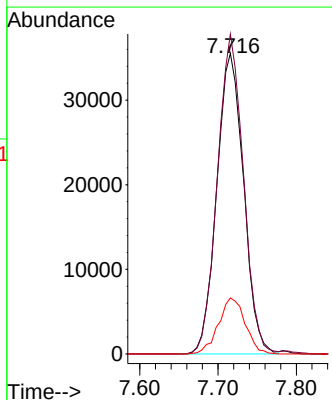
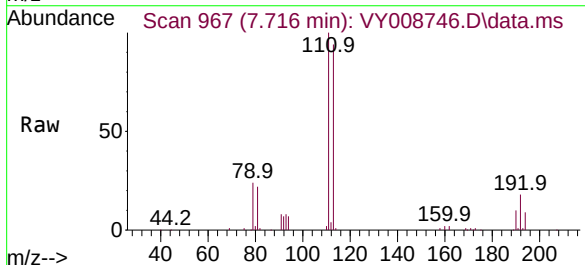
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

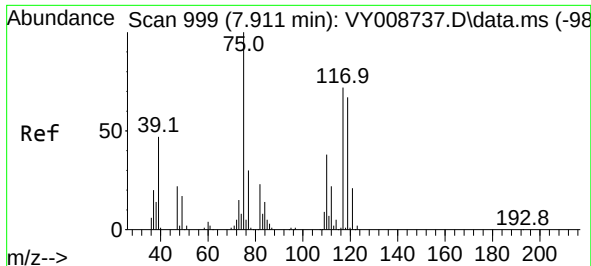
Tgt Ion:114 Resp: 273984
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 13.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.389 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion:113 Resp: 84505
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 18.6 14.5 21.7

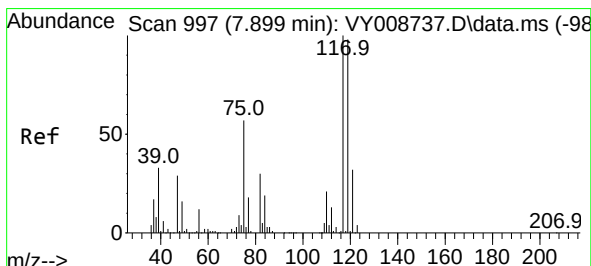
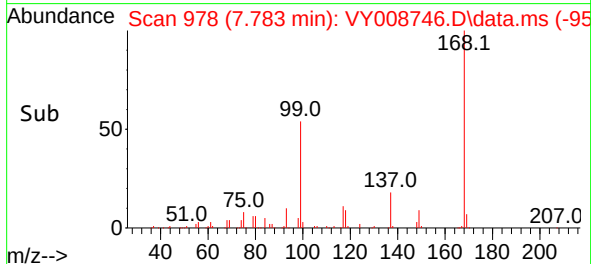
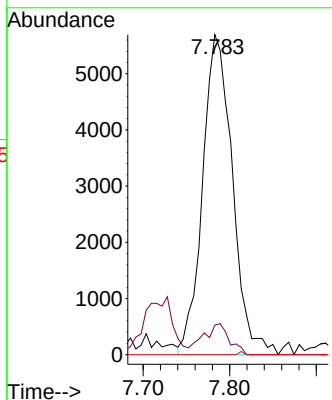
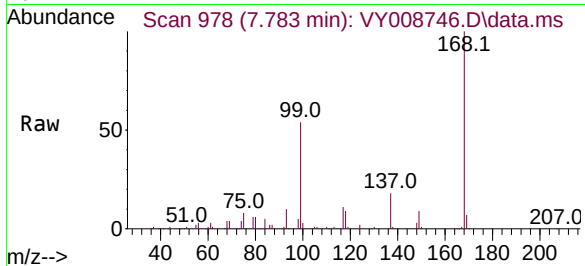




#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

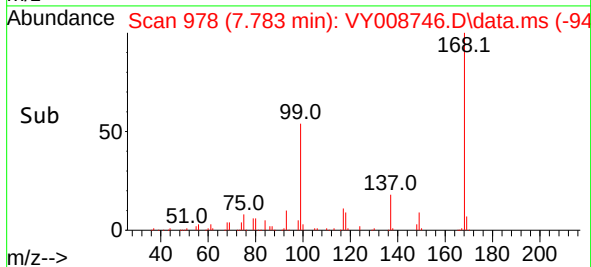
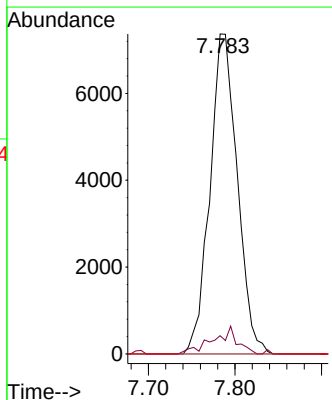
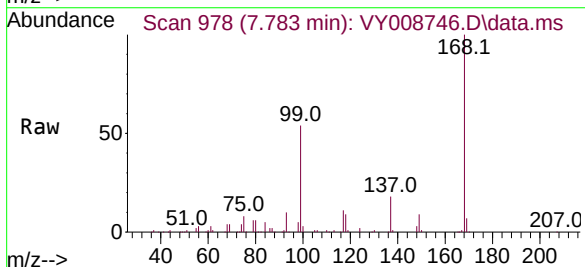
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

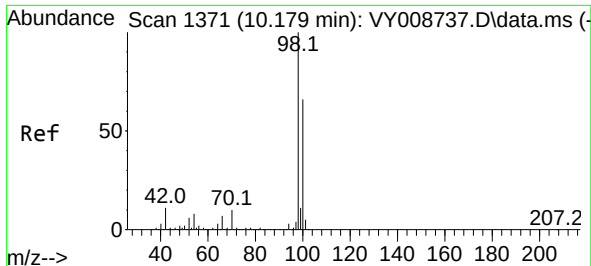
Tgt Ion: 75 Resp: 13639
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 117 Resp: 16197
Ion Ratio Lower Upper
117 100
119 5.7 78.5 117.7#
121 0.0 25.8 38.8#

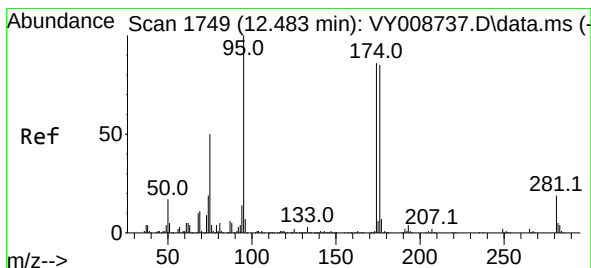
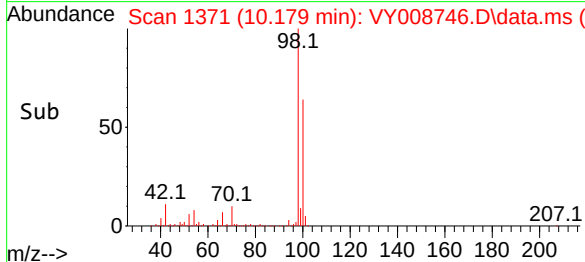
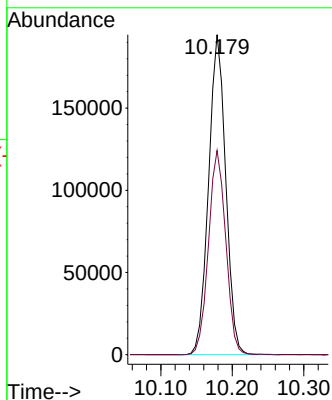
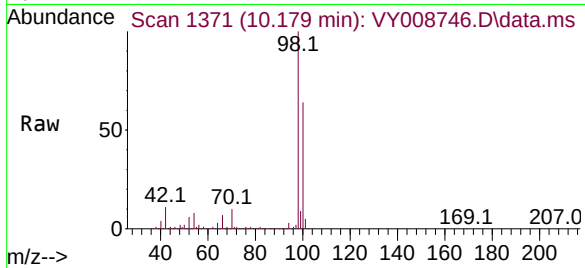




#50
Toluene-d8
Concen: 52.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

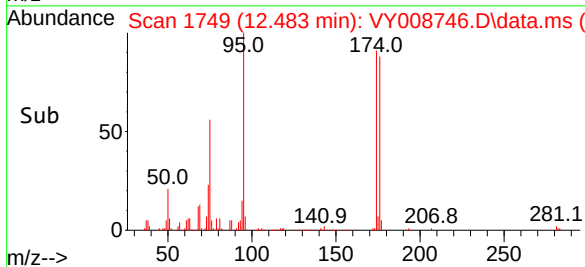
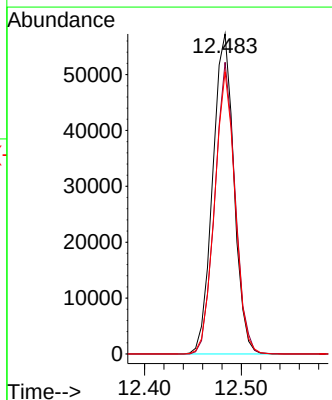
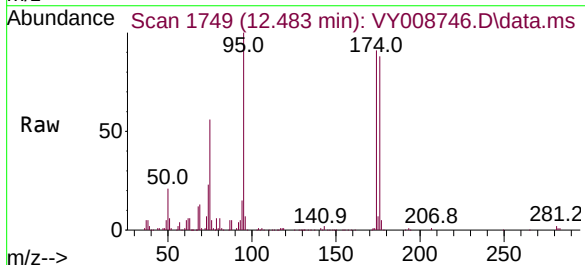
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

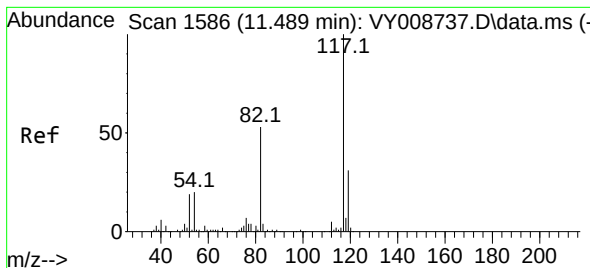
Tgt Ion: 98 Resp: 324067
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 40.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 95 Resp: 87257
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.2
176 85.4 0.0 168.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008746.D

Acq: 13 May 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-1824-01

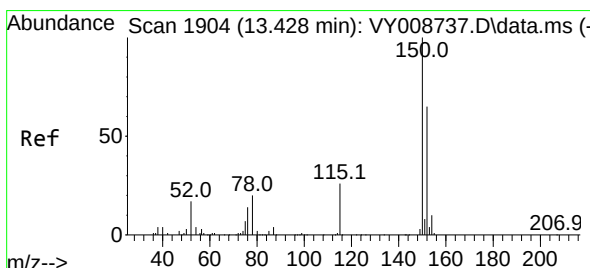
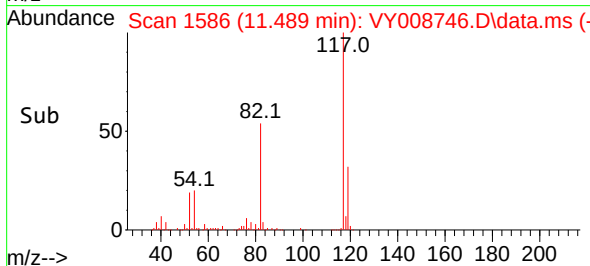
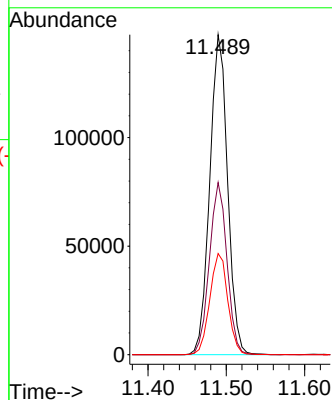
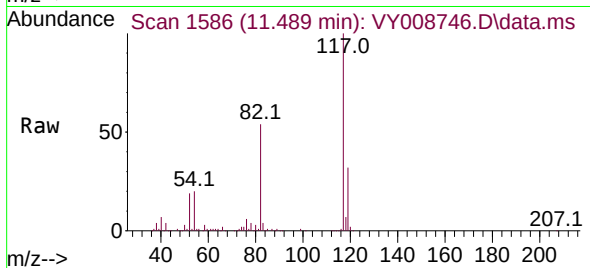
Tgt Ion:117 Resp: 232499

Ion Ratio Lower Upper

117 100

82 53.8 42.3 63.5

119 31.6 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008746.D

Acq: 13 May 2022 14:04

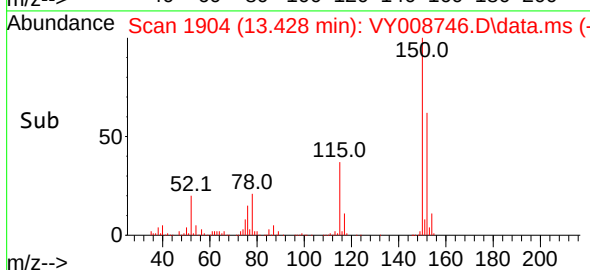
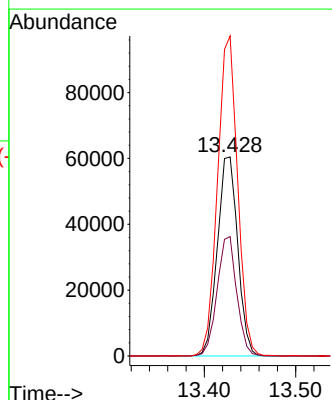
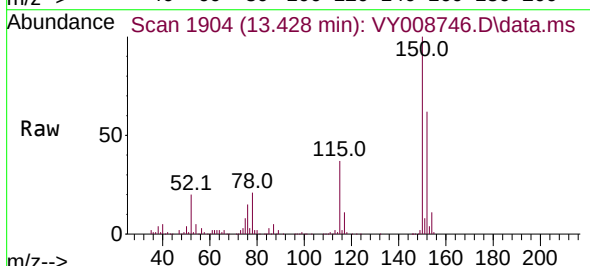
Tgt Ion:152 Resp: 93772

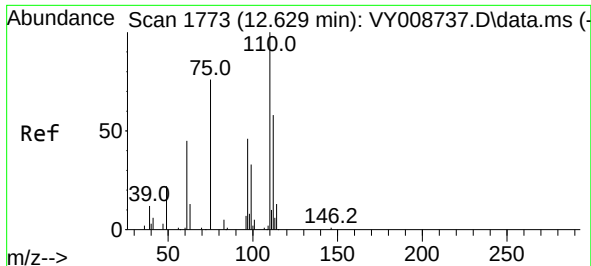
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.9 0.0 348.2

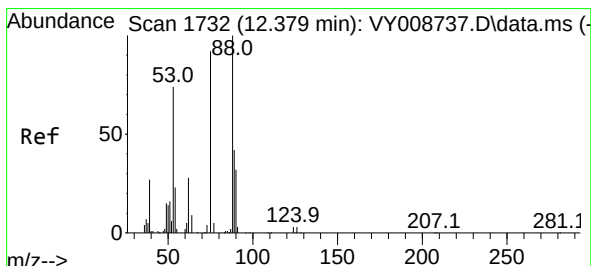
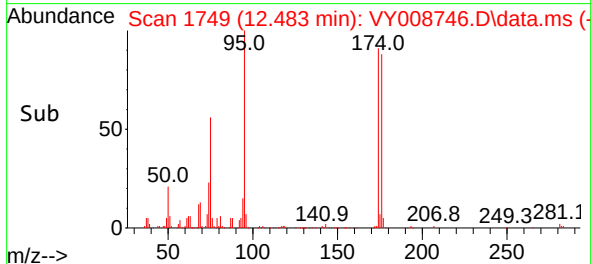
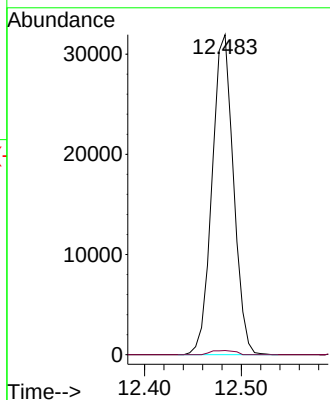
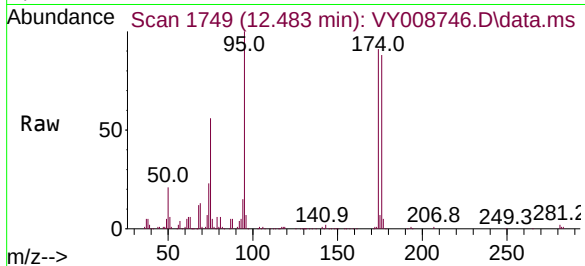




#76
1,2,3-Trichloropropane
Concen: 52.009 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-1824-01

Tgt Ion: 75 Resp: 49076
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.476 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008746.D
Acq: 13 May 2022 14:04

Tgt Ion: 75 Resp: 49076
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 36.8 55.2#

