

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011519.D
 Acq On : 21 Nov 2022 13:18
 Operator : KP/MD
 Sample : N5696-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:45:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

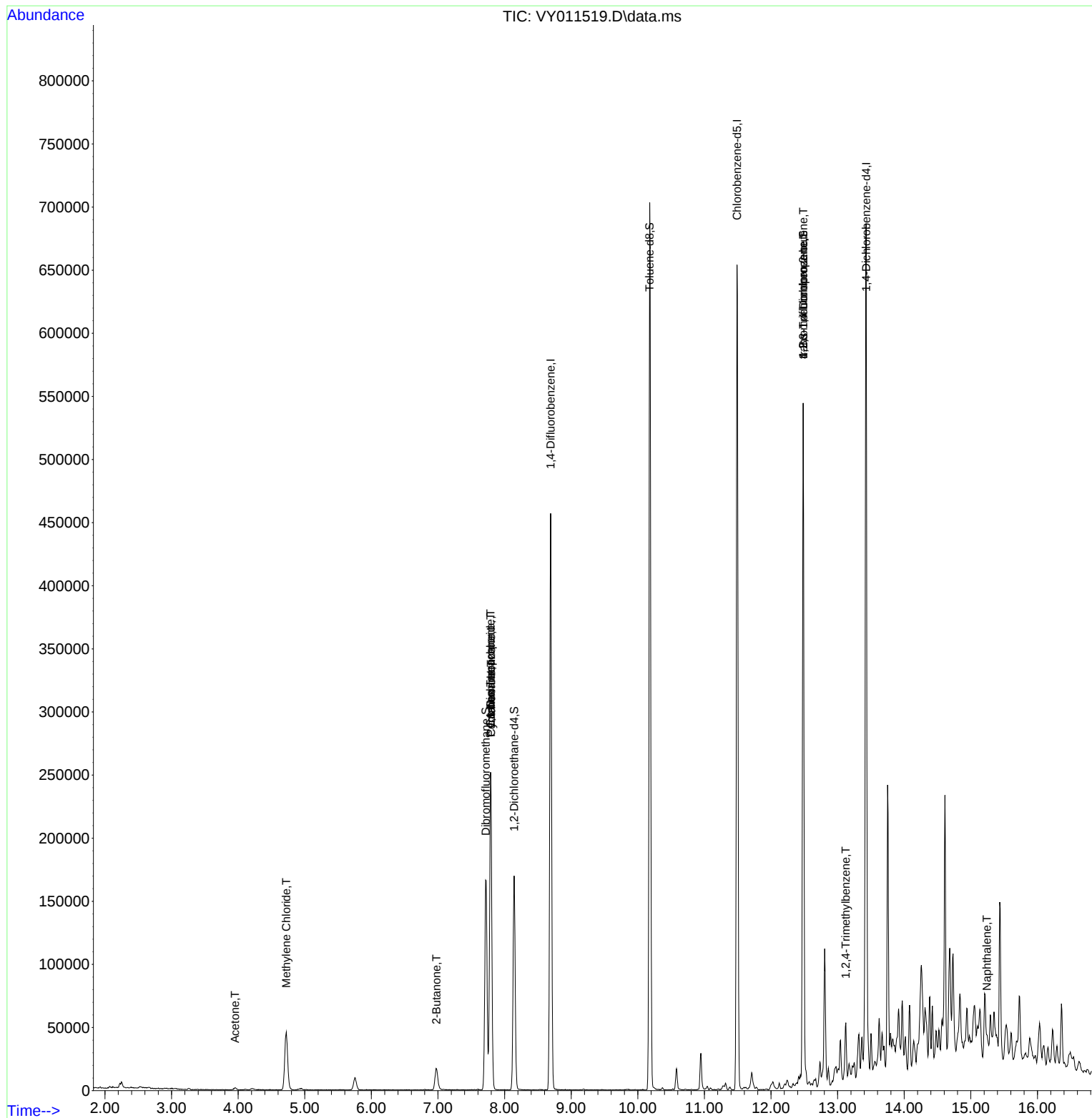
Internal Standards						
1) Pentafluorobenzene	7.795	168	192002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128894	66.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.220%	
35) Dibromofluoromethane	7.716	113	117419	51.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.179	98	451275	54.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.100%	
62) 4-Bromofluorobenzene	12.483	95	151678	49.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	128	Below Cal	#	43
3) Chloromethane	2.119	50	413	Below Cal	#	89
5) Bromomethane	2.668	94	412	Below Cal	#	76
11) Tert butyl alcohol	4.948	59	1828	Below Cal	#	77
16) Acetone	3.954	43	3037	4.796	ug/l #	85
18) Methyl Acetate	4.479	43	82	Below Cal	#	56
20) Methylene Chloride	4.722	84	34084	4.554	ug/l	85
25) 2-Butanone	6.978	43	1376	1.653	ug/l #	54
31) Cyclohexane	7.795	56	4322	1.337	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	15588	4.381	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19420	4.878	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	80503	45.697	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80503	100.093	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	22120	2.246	ug/l	96
95) Naphthalene	15.239	128	6349	5.027	ug/l #	90

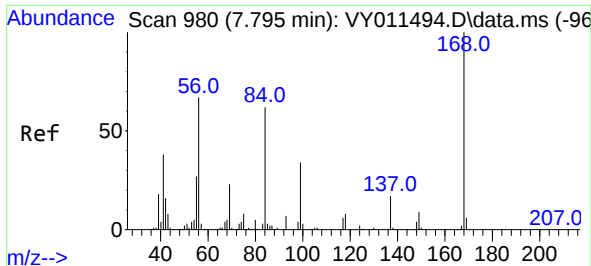
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
Data File : VY011519.D
Acq On : 21 Nov 2022 13:18
Operator : KP/MD
Sample : N5696-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 01:45:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

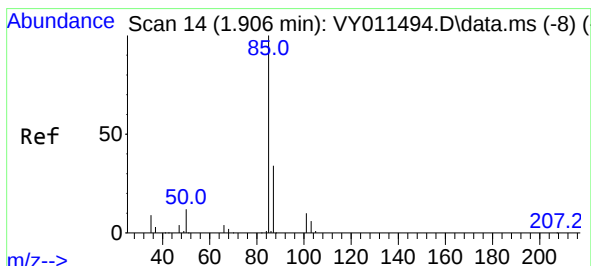
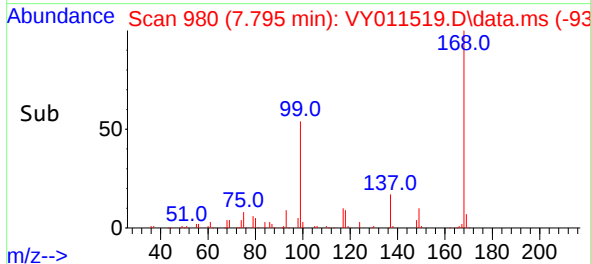
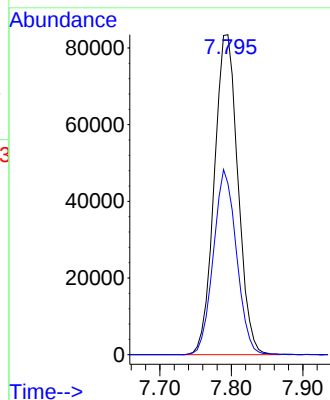
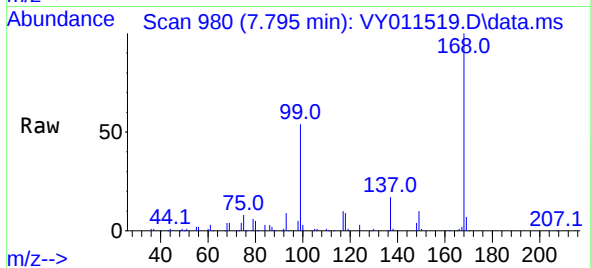




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

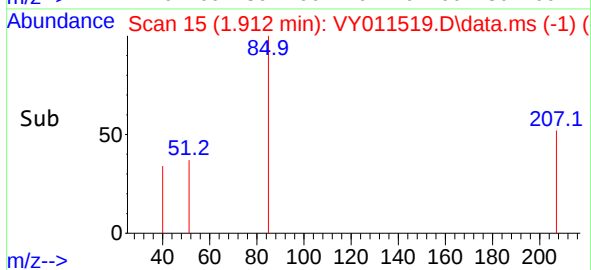
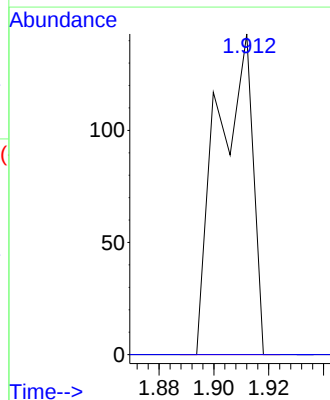
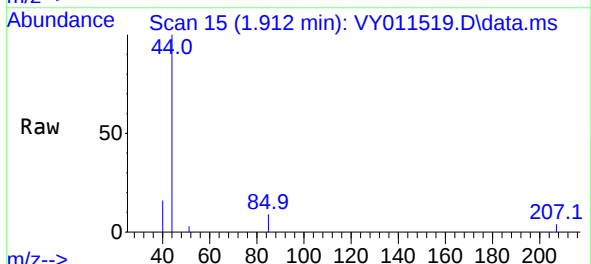
Instrument :
MSVOA_Y
ClientSampleId :

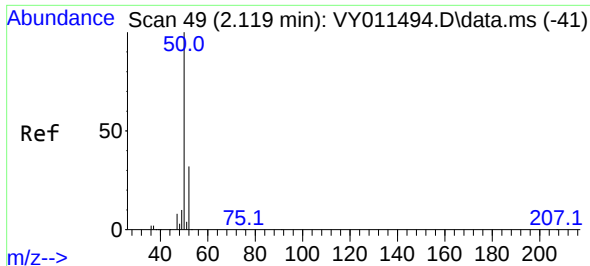
Tgt Ion:168 Resp: 192002
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

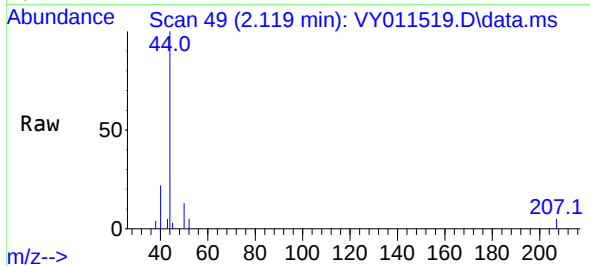
Tgt Ion: 85 Resp: 128
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



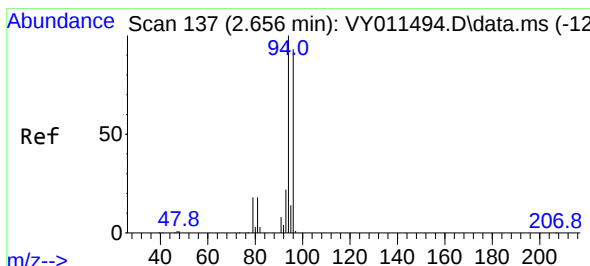
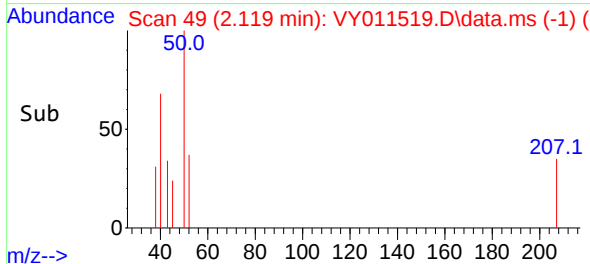
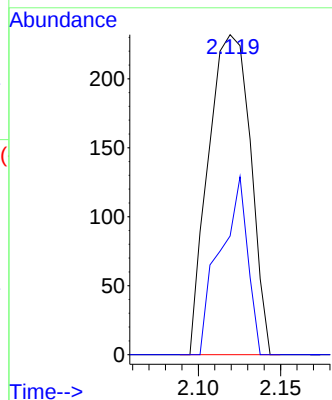


#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :

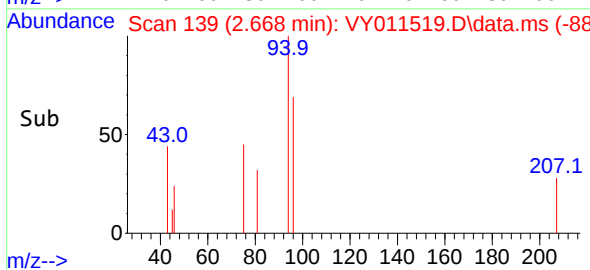
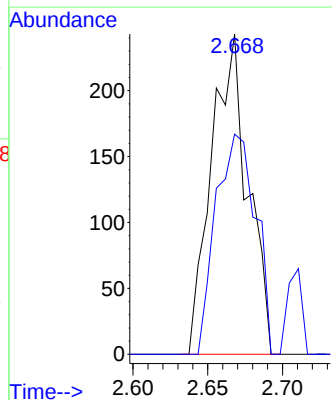
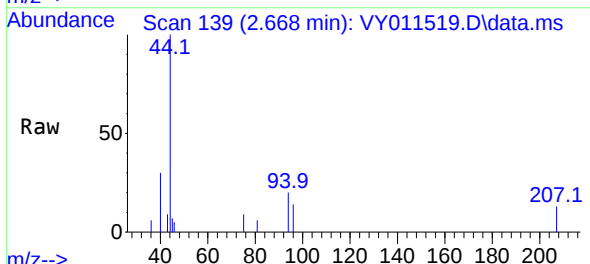


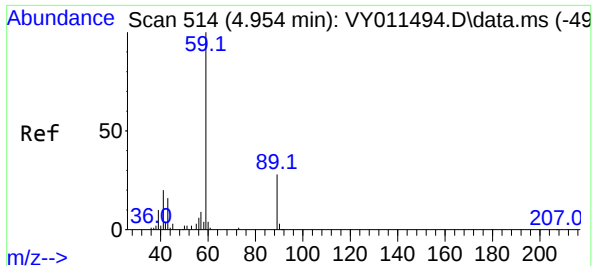
Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 37.1 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 68.7 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 51

Delta R.T. -0.006 min

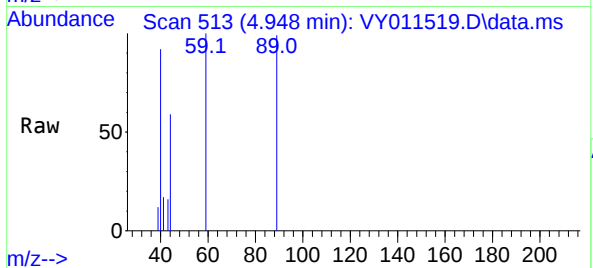
Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

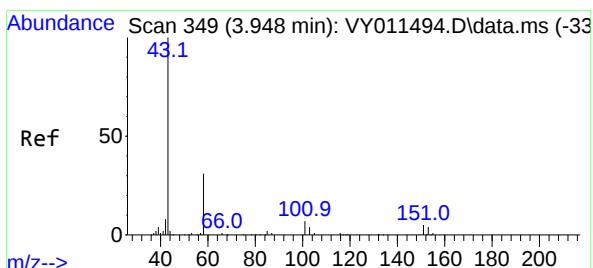
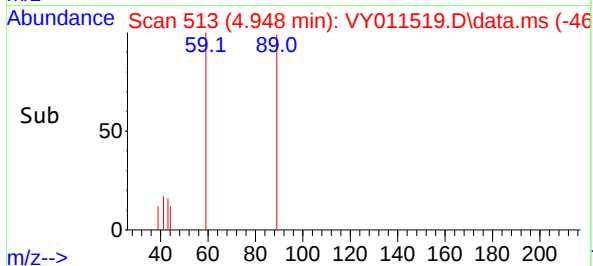
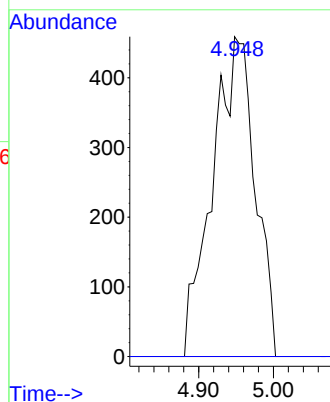


Tgt Ion: 59 Resp: 1828

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.796 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY011519.D

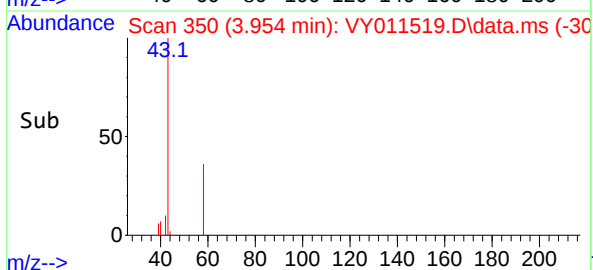
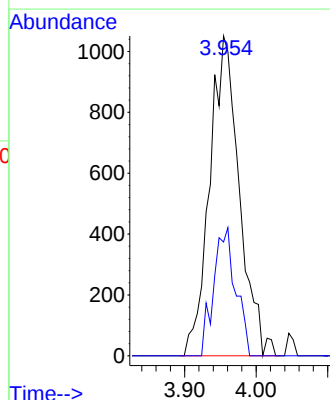
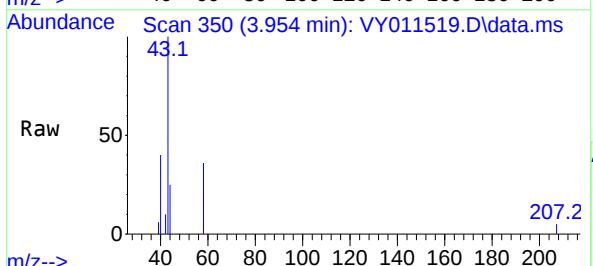
Acq: 21 Nov 2022 13:18

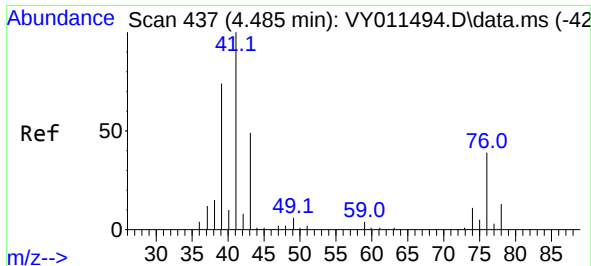
Tgt Ion: 43 Resp: 3037

Ion Ratio Lower Upper

43 100

58 35.6 22.0 33.0#

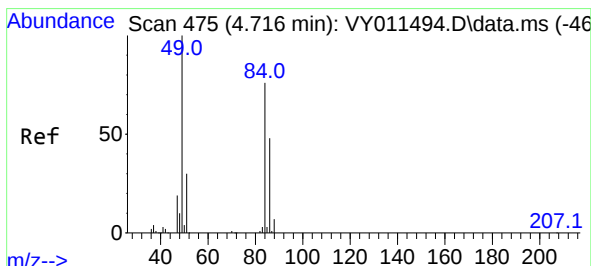
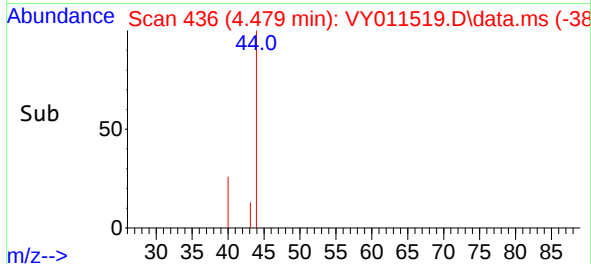
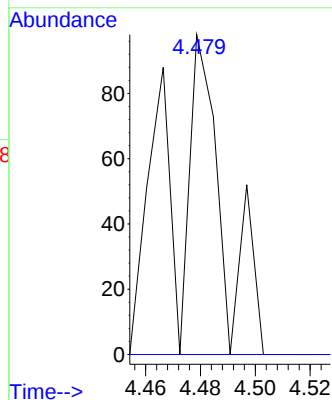
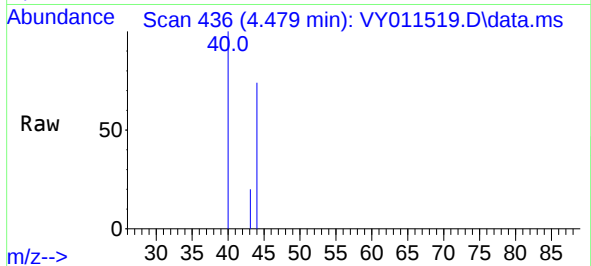




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

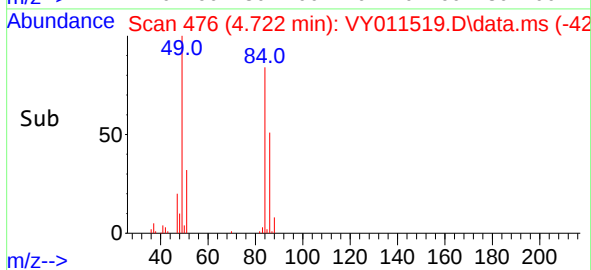
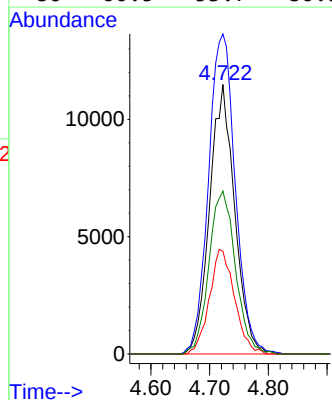
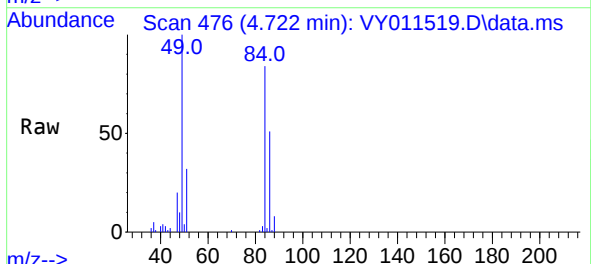
Instrument :
MSVOA_Y
ClientSampleId :

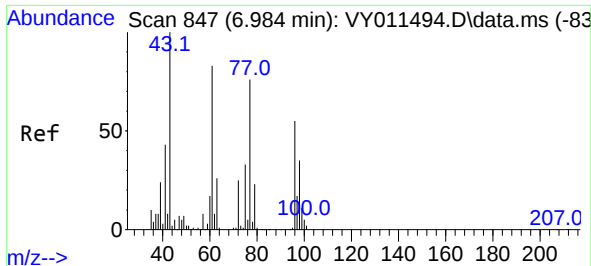
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.554 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion: 84 Resp: 34084
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 38.2 35.3 52.9
86 60.5 53.7 80.5





#25

2-Butanone

Concen: 1.653 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

Instrument :

MSVOA_Y

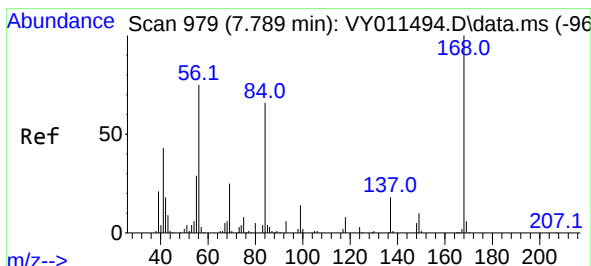
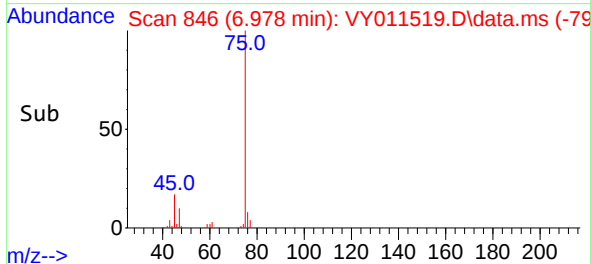
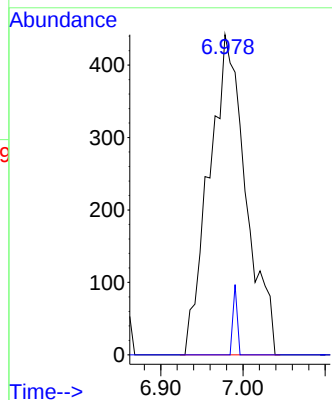
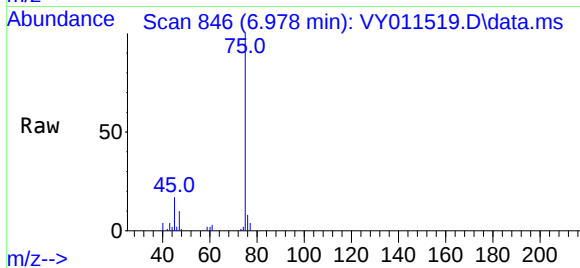
ClientSampleId :

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

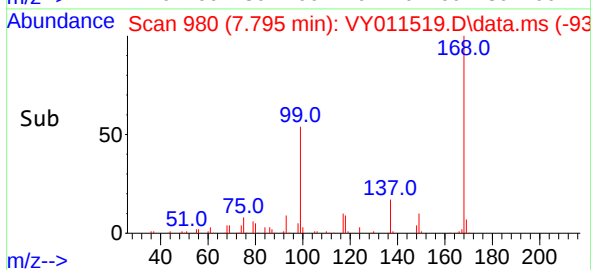
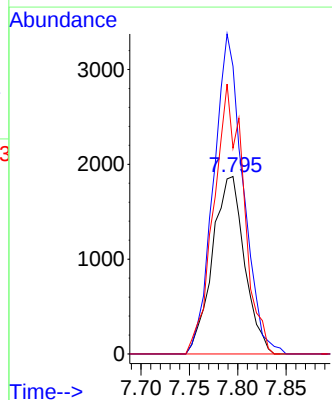
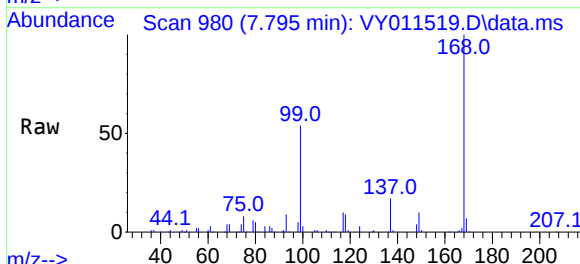
Tgt Ion: 56 Resp: 4322

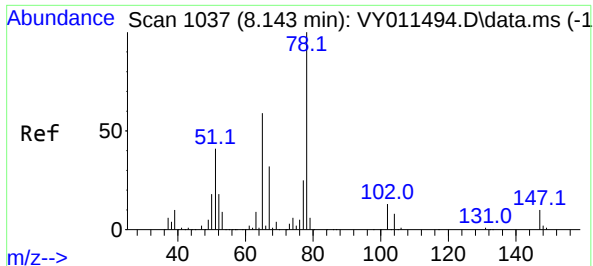
Ion Ratio Lower Upper

56 100

69 162.1 26.7 40.1#

84 115.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.114 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

Instrument :

MSVOA_Y

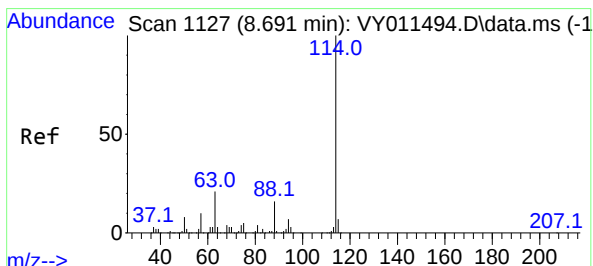
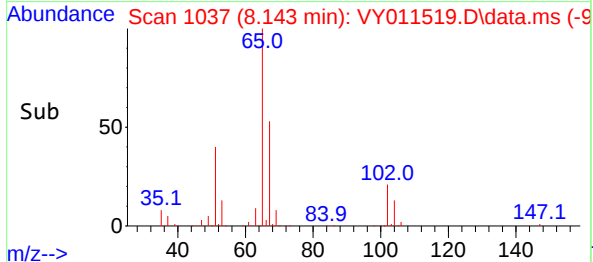
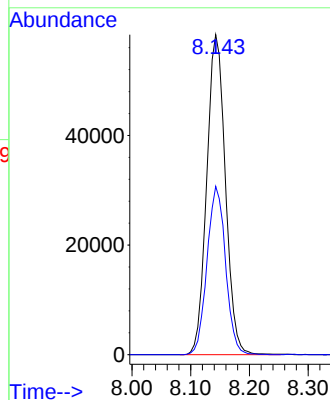
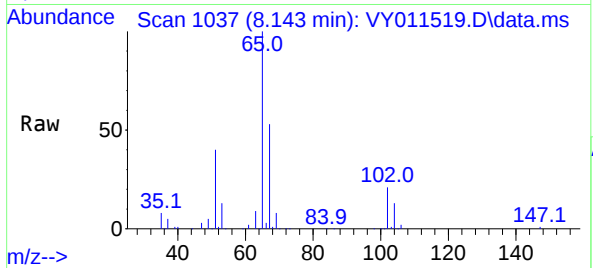
ClientSampleId :

Tgt Ion: 65 Resp: 128894

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

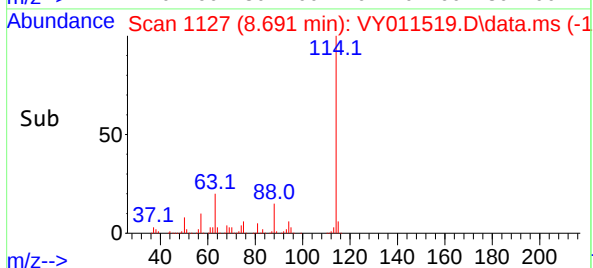
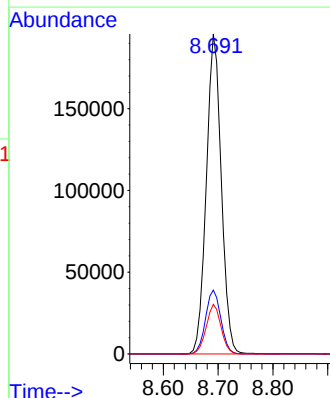
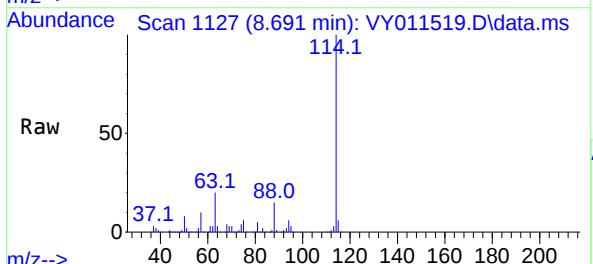
Tgt Ion:114 Resp: 369788

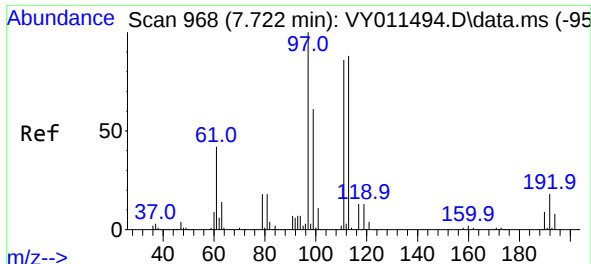
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

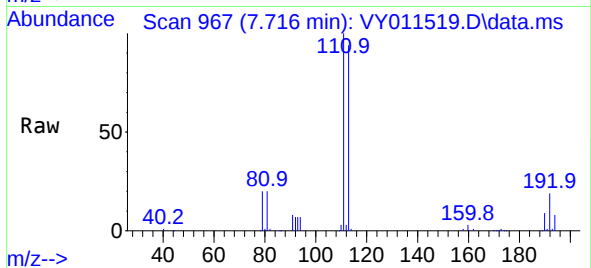
88 15.5 0.0 31.8



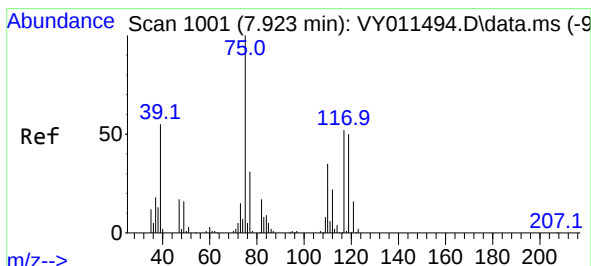
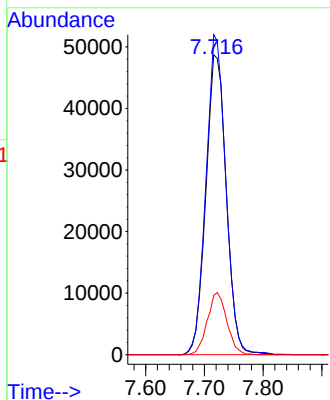
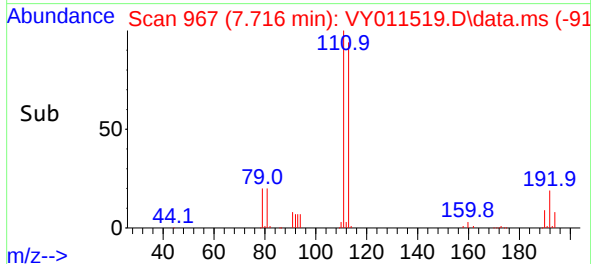


#35
Dibromofluoromethane
Concen: 51.581 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :

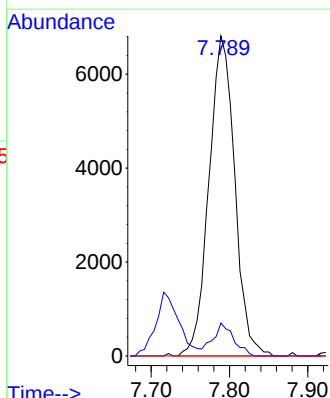
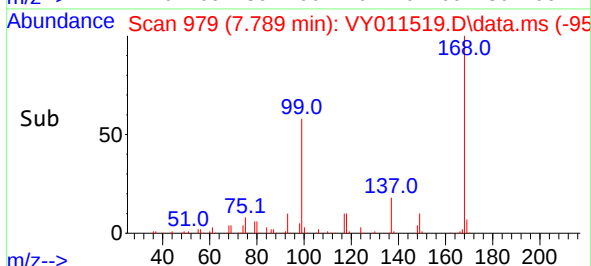
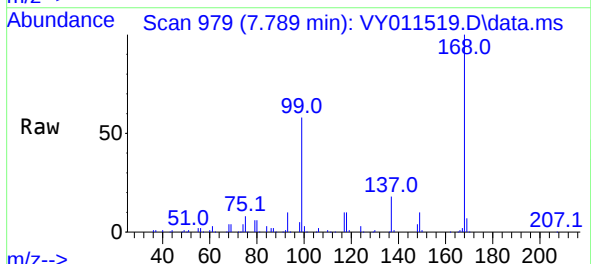


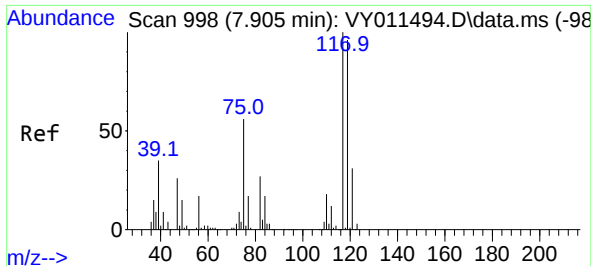
Tgt Ion:113 Resp: 117419
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

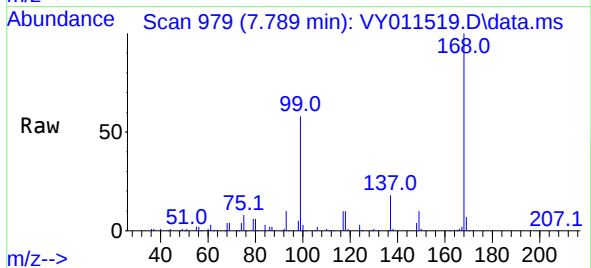
Tgt Ion: 75 Resp: 15588
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



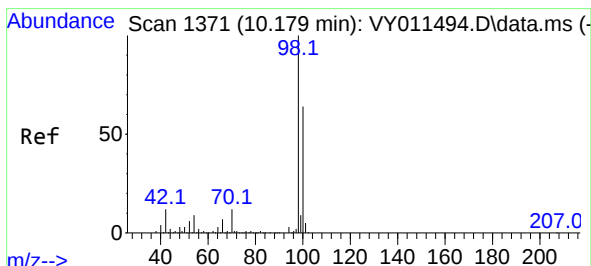
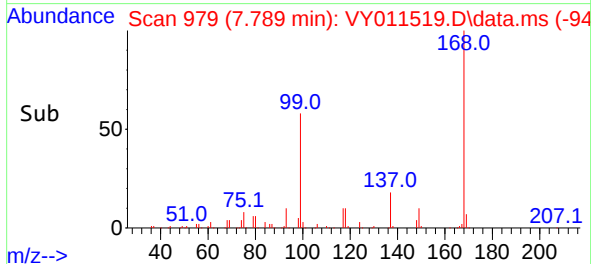
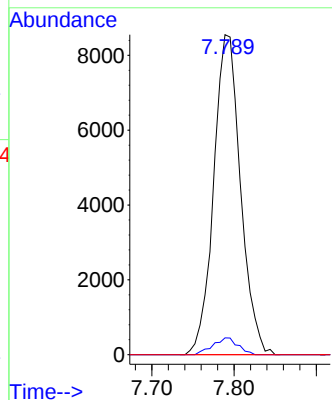


#38
Carbon Tetrachloride
Concen: 4.878 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :

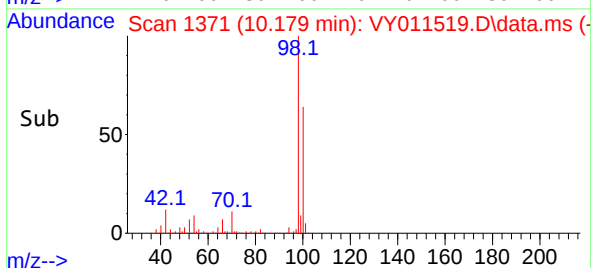
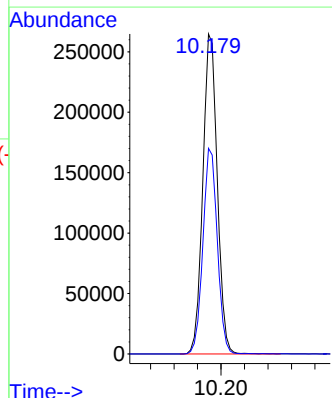
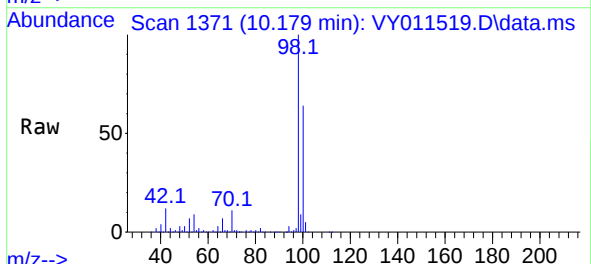


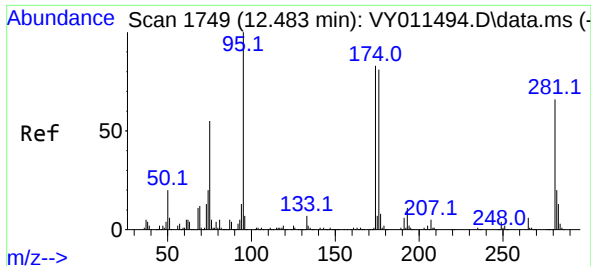
Tgt Ion:117 Resp: 19420
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.553 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion: 98 Resp: 451275
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

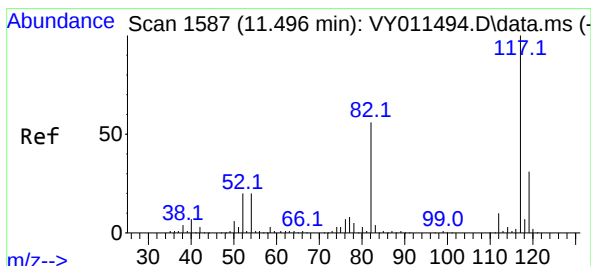
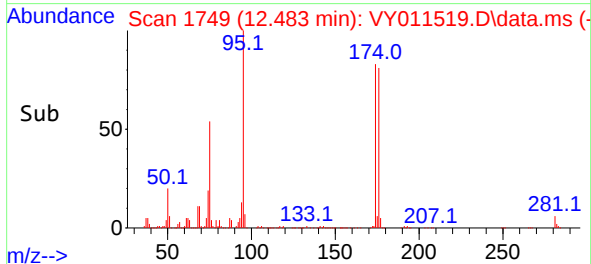
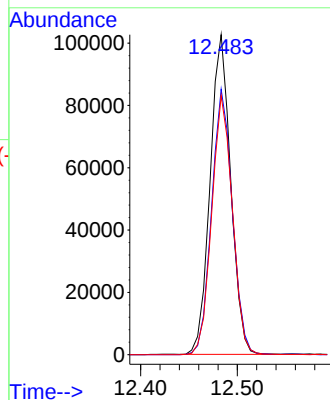
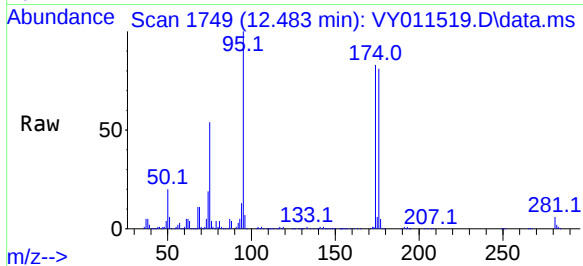




#62
4-Bromofluorobenzene
Concen: 49.593 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

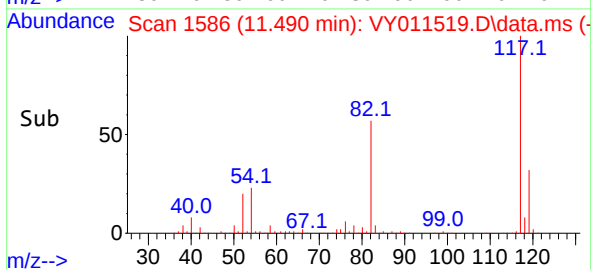
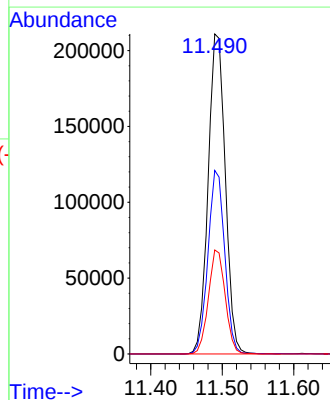
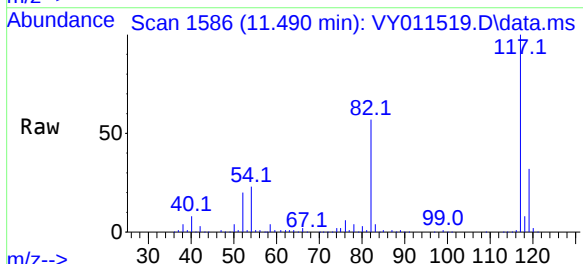
Instrument :
MSVOA_Y
ClientSampleId :

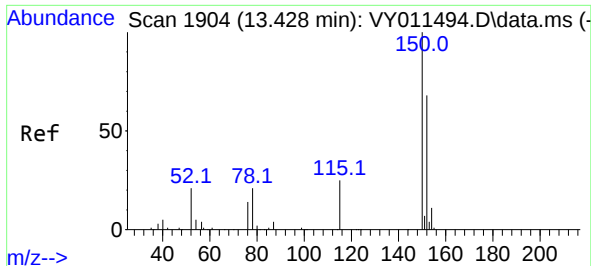
Tgt Ion: 95 Resp: 151678
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

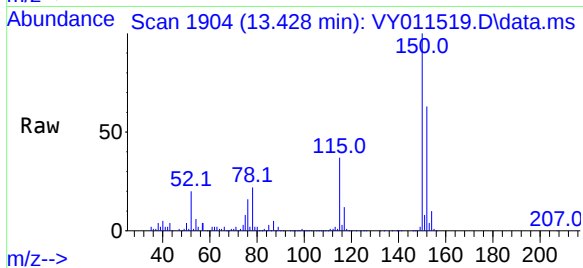
Tgt Ion: 117 Resp: 351698
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 32.5 25.4 38.0



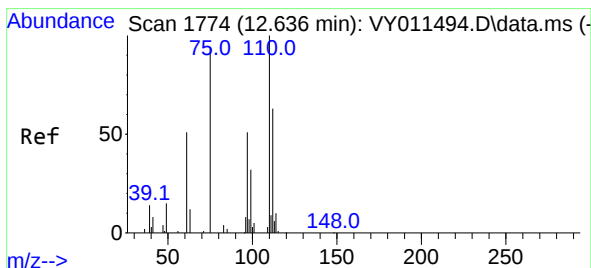
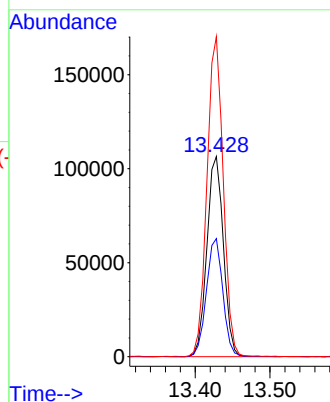
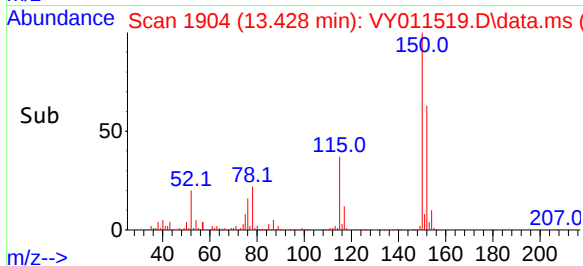


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011519.D
 Acq: 21 Nov 2022 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :

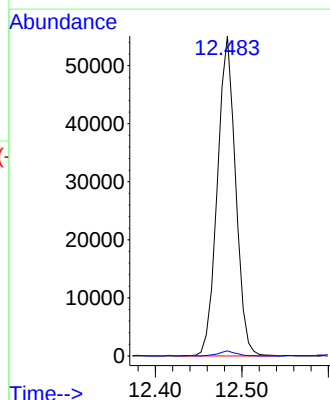
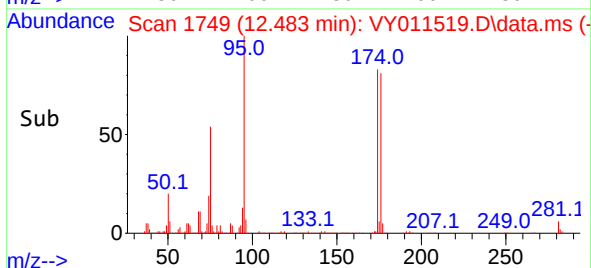
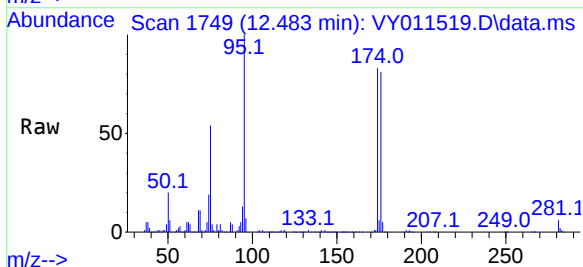


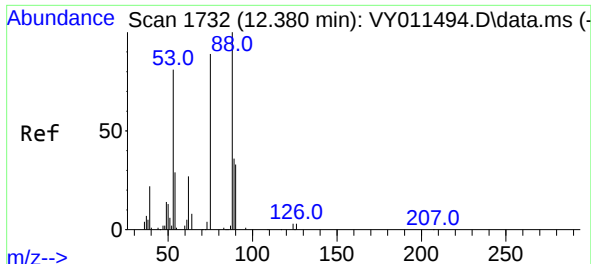
Tgt Ion:152 Resp: 163581
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.697 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011519.D
 Acq: 21 Nov 2022 13:18

Tgt Ion: 75 Resp: 80503
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

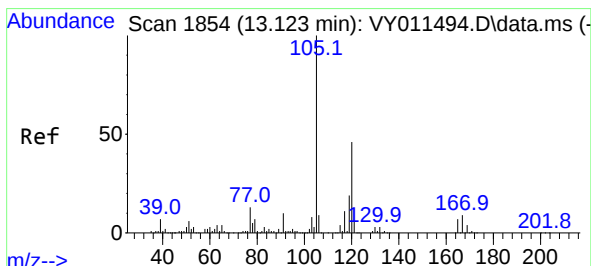
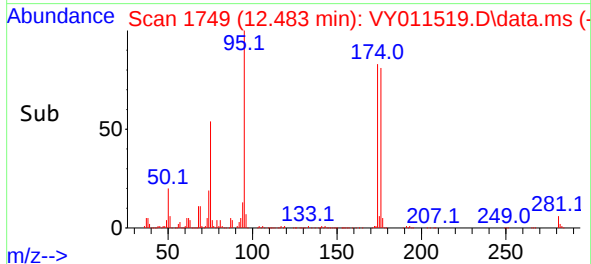
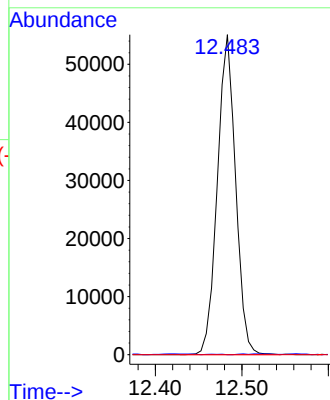
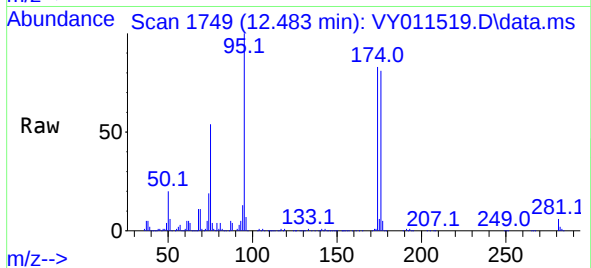




#81
trans-1,4-Dichloro-2-butene
Concen: 100.093 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

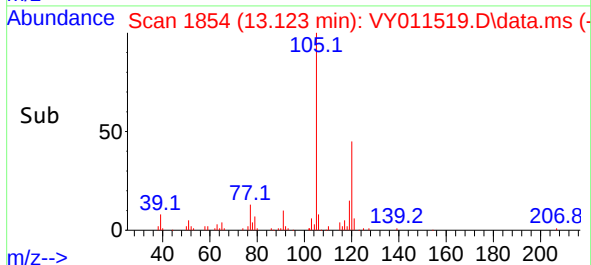
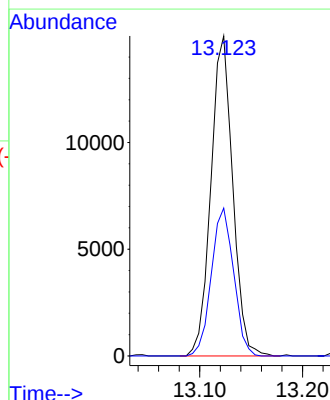
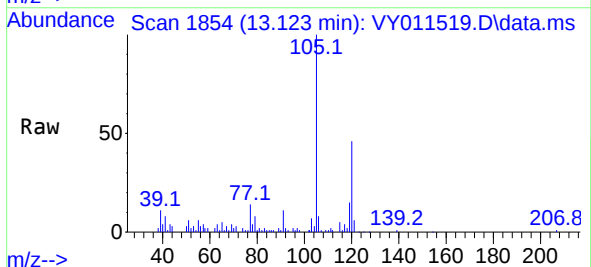
Instrument :
MSVOA_Y
ClientSampleId :

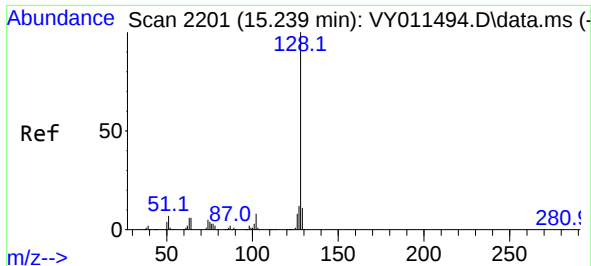
Tgt Ion: 75 Resp: 80503
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.246 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

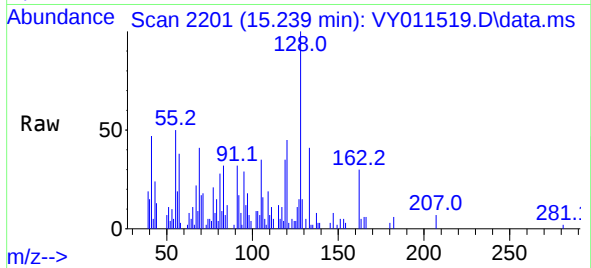
Tgt Ion:105 Resp: 22120
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9





#95
Naphthalene
Concen: 5.027 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 6349
Ion Ratio Lower Upper
128 100
127 6.9 11.0 16.4#
129 10.9 8.4 12.6

