

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011581.D
 Acq On : 23 Nov 2022 17:31
 Operator : KP/MD
 Sample : N5765-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:39:06 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)

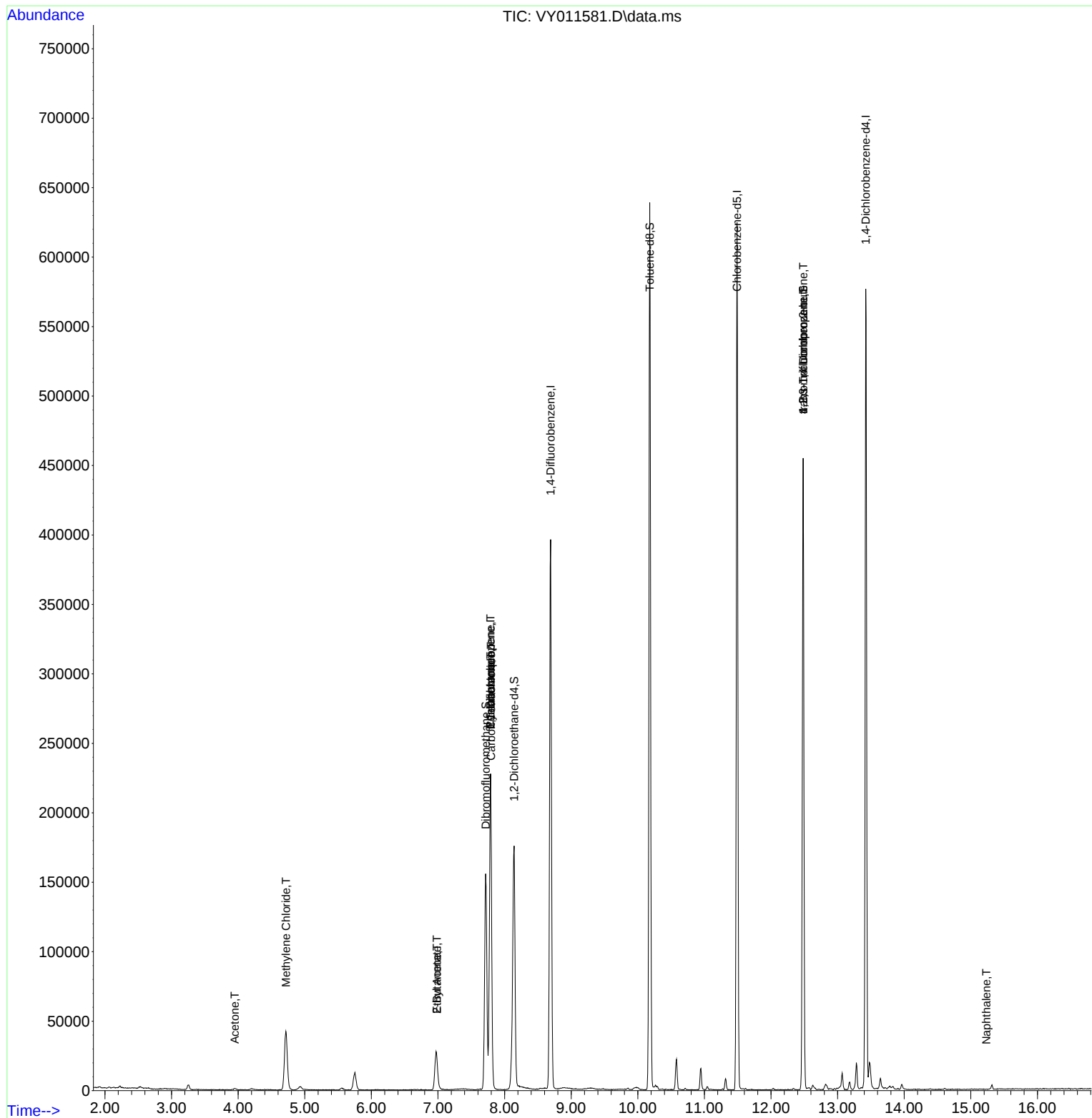
Internal Standards						
1) Pentafluorobenzene	7.789	168	170240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	325123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126329	73.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.160%	
35) Dibromofluoromethane	7.716	113	107748	53.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.179	98	404883	55.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.340%	
62) 4-Bromofluorobenzene	12.483	95	132784	49.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	465	Below Cal		77
3) Chloromethane	2.113	50	244	Below Cal	#	44
5) Bromomethane	2.655	94	45	Below Cal		92
11) Tert butyl alcohol	4.929	59	2993	Below Cal	#	77
16) Acetone	3.948	43	1830	3.259	ug/l	98
18) Methyl Acetate	4.484	43	272	Below Cal	#	56
20) Methylene Chloride	4.716	84	30092	4.476	ug/l	94
25) 2-Butanone	6.984	43	2040	2.765	ug/l	95
31) Cyclohexane	7.789	56	3903	1.362	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13721	4.386	ug/l #	50
37) Ethyl Acetate	6.984	43	2040	1.145	ug/l #	12
38) Carbon Tetrachloride	7.795	117	17119	4.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	71044	46.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71044	101.033	ug/l #	7
95) Naphthalene	15.232	128	95	4.037	ug/l #	69

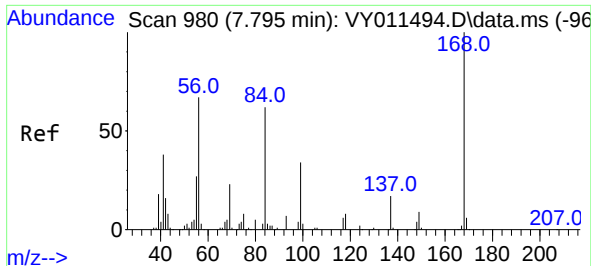
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
Data File : VY011581.D
Acq On : 23 Nov 2022 17:31
Operator : KP/MD
Sample : N5765-01
Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

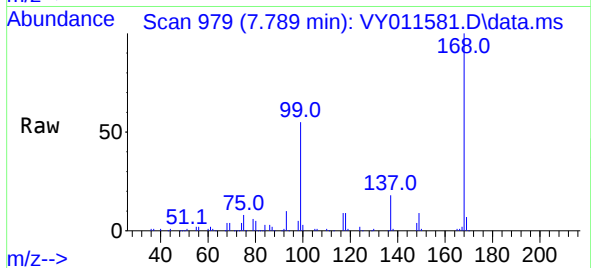
Quant Time: Nov 24 00:39:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



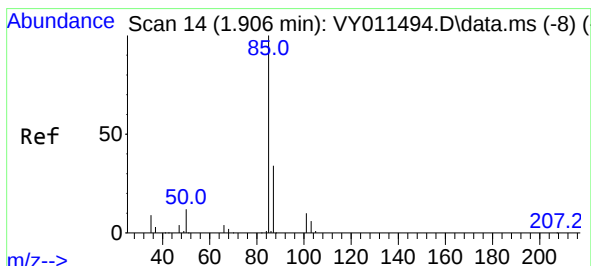
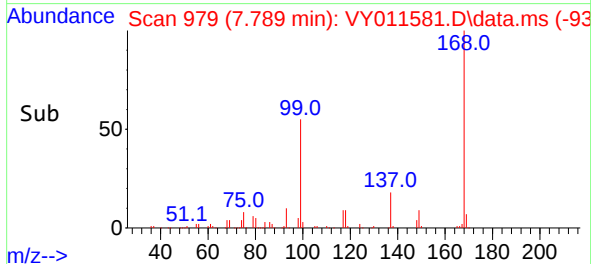
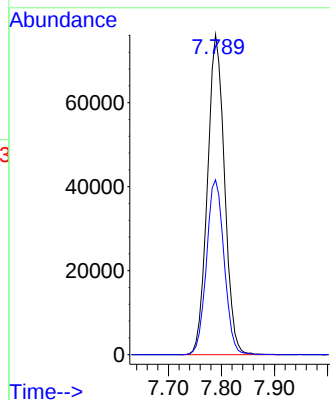


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :

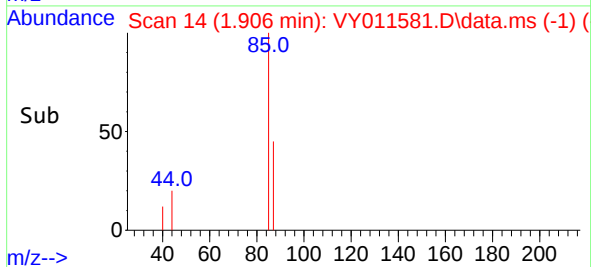
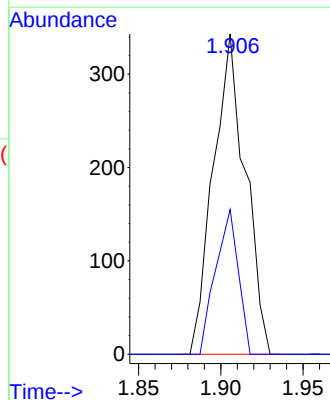
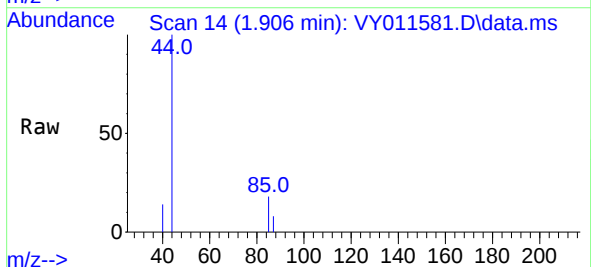


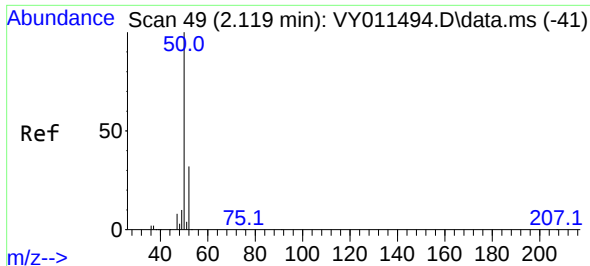
Tgt Ion:168 Resp: 170240
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Tgt Ion: 85 Resp: 465
Ion Ratio Lower Upper
85 100
87 45.2 16.1 48.2

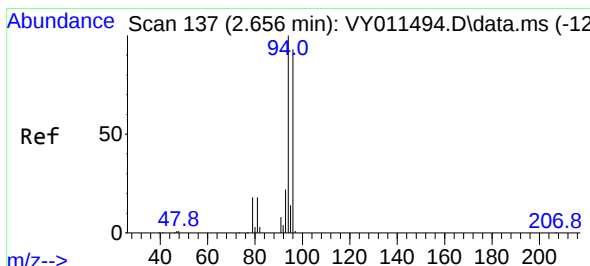
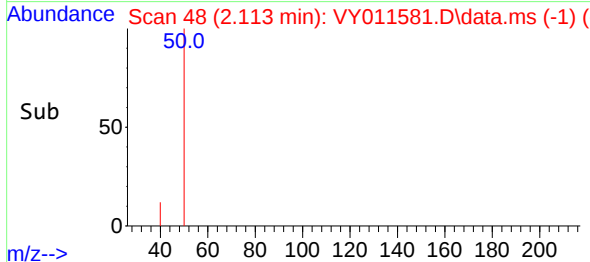
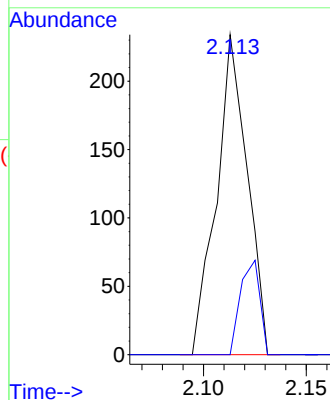
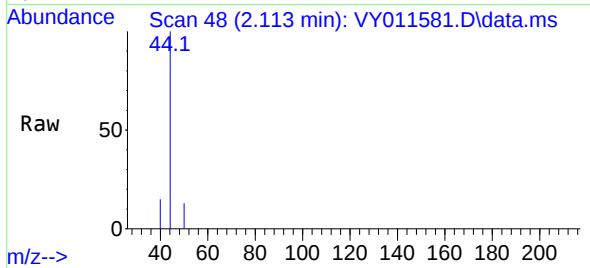




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

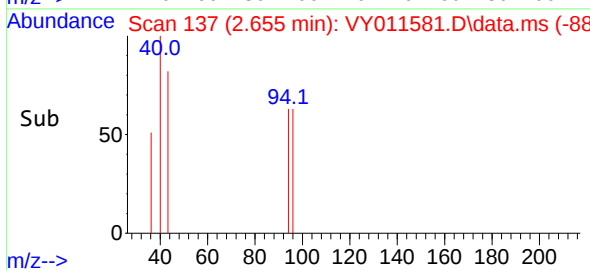
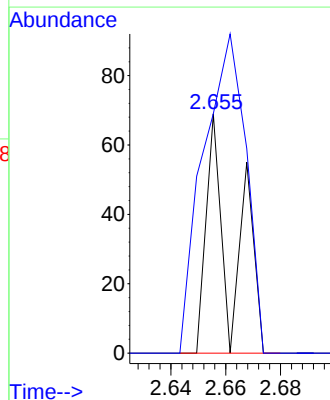
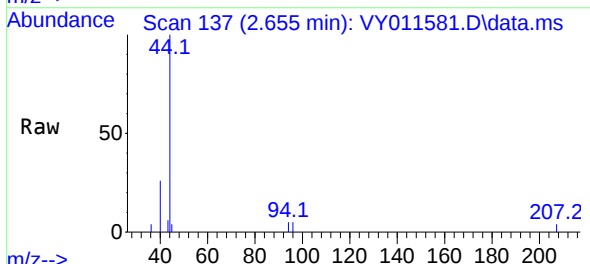
Instrument :
MSVOA_Y
ClientSampleId :

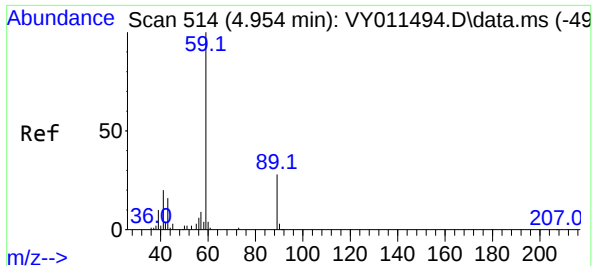
Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. -0.001 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 100.0 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.929 min Scan# 514

Delta R.T. -0.025 min

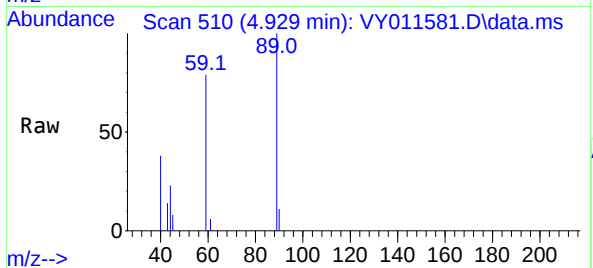
Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

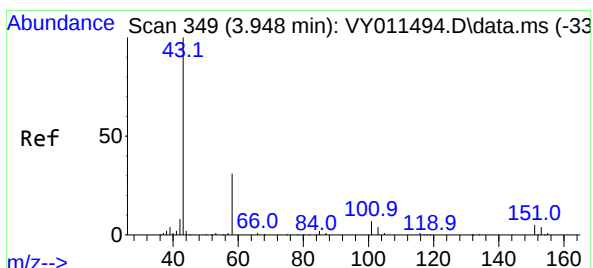
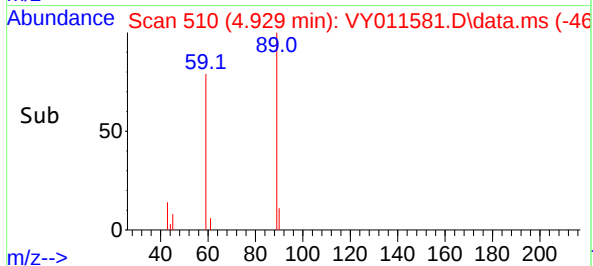
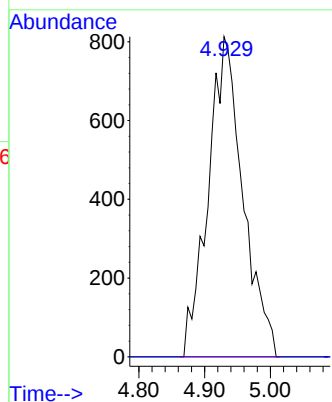


Tgt Ion: 59 Resp: 2993

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.259 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY011581.D

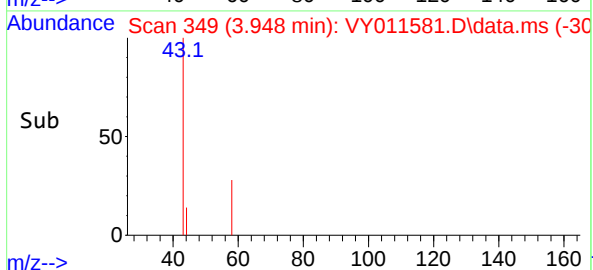
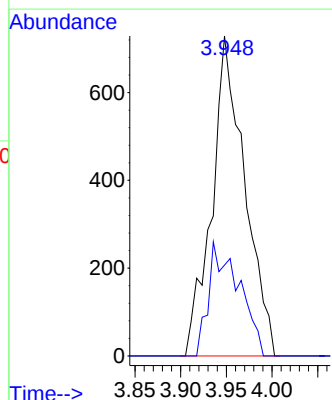
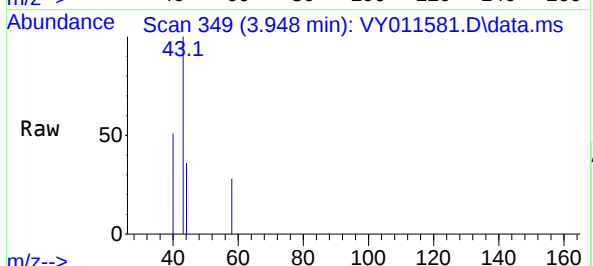
Acq: 23 Nov 2022 17:31

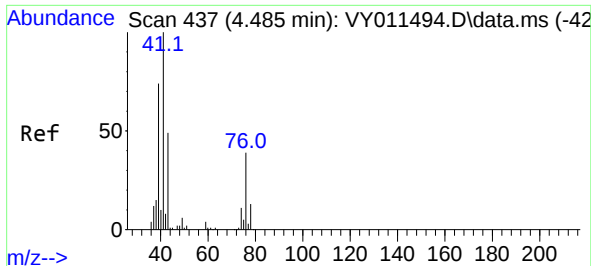
Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

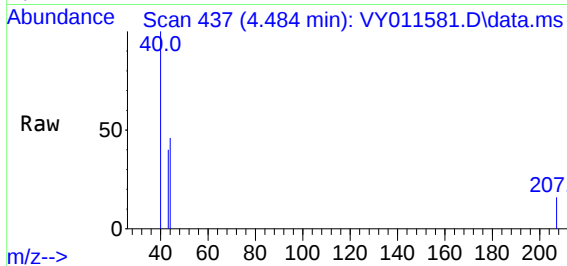
58 28.4 22.0 33.0



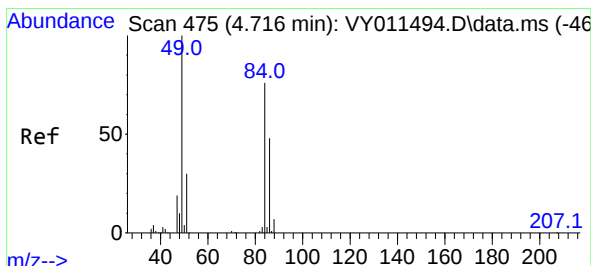
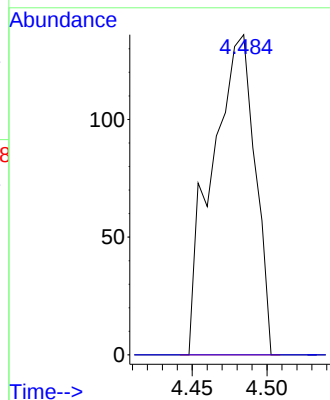
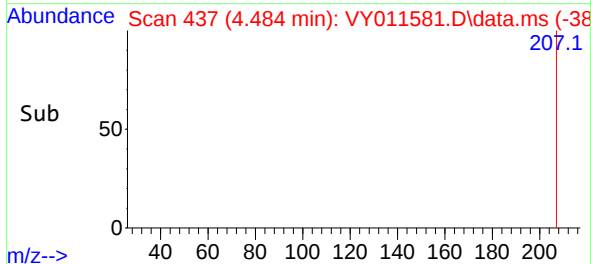


#18
Methyl Acetate
Concen: Below Cal
RT: 4.484 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :

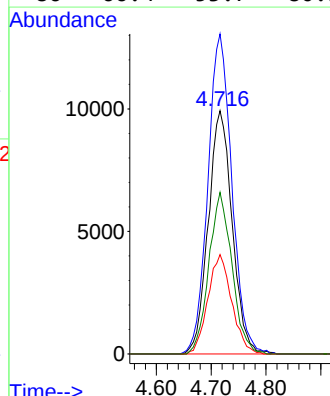
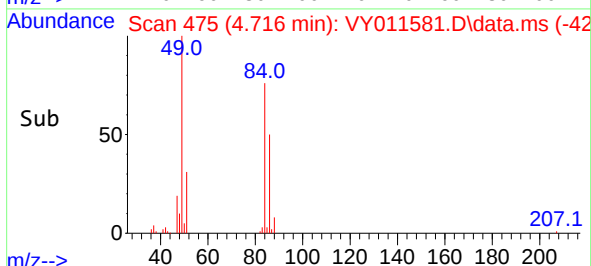
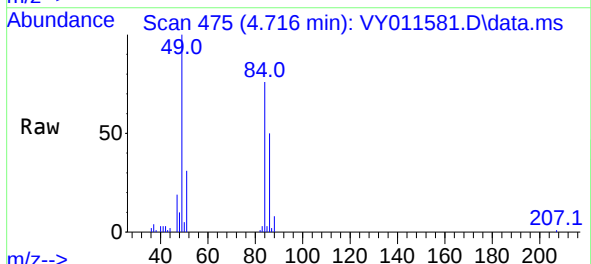


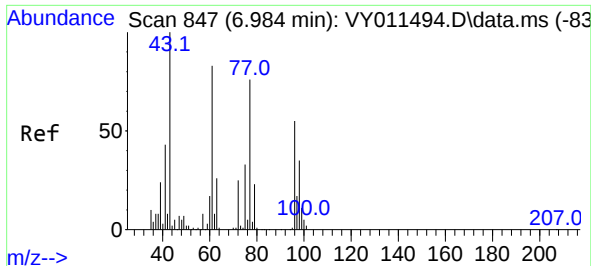
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.476 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Tgt Ion: 84 Resp: 30092
Ion Ratio Lower Upper
84 100
49 131.6 114.4 171.6
51 40.8 35.3 52.9
86 66.4 53.7 80.5





#25

2-Butanone

Concen: 2.765 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

Instrument :

MSVOA_Y

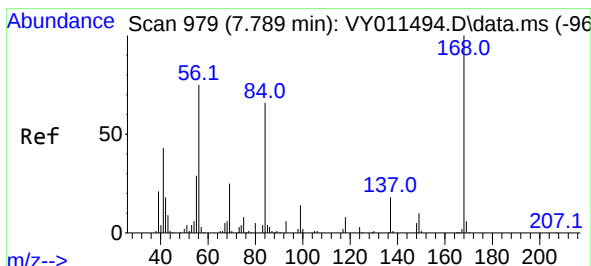
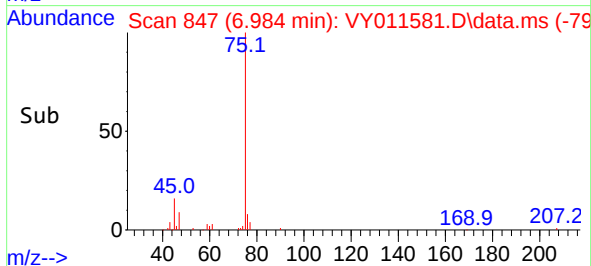
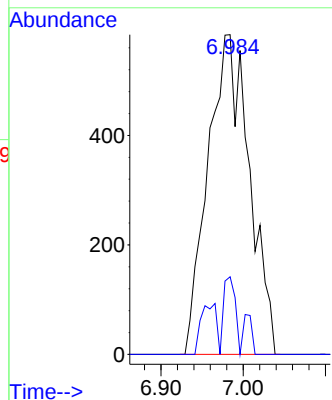
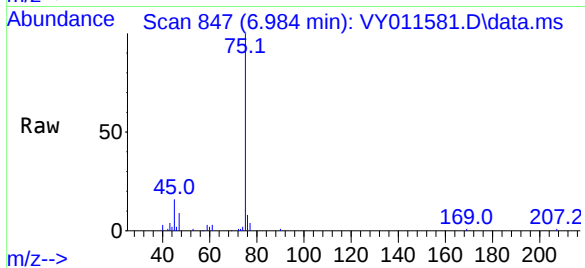
ClientSampleId :

Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

72 24.3 17.7 26.5



#31

Cyclohexane

Concen: 1.362 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

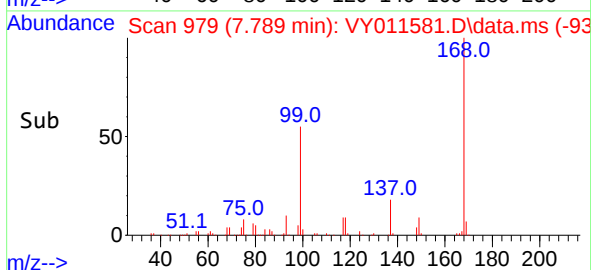
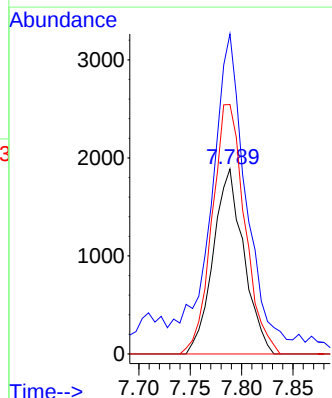
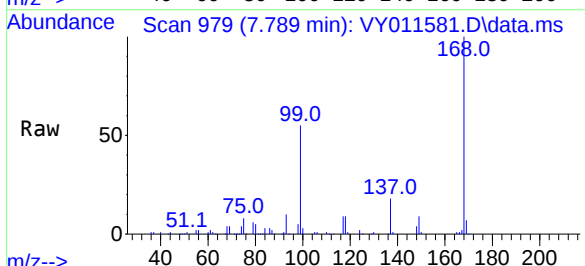
Tgt Ion: 56 Resp: 3903

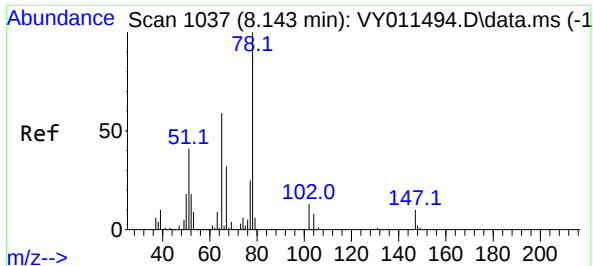
Ion Ratio Lower Upper

56 100

69 160.9 26.7 40.1#

84 134.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 73.081 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

Instrument :

MSVOA_Y

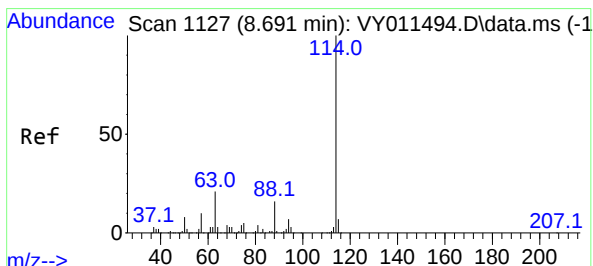
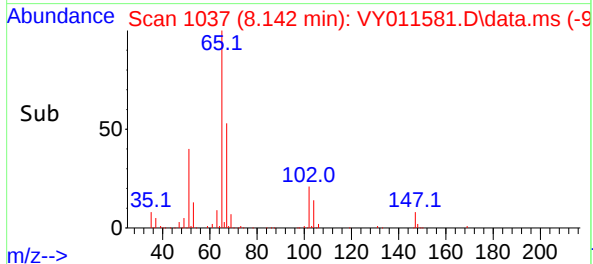
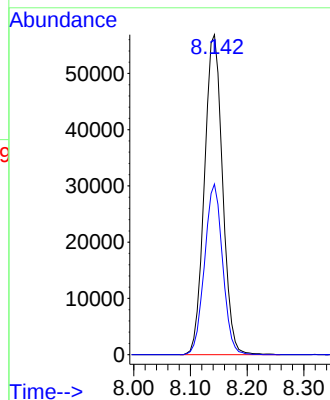
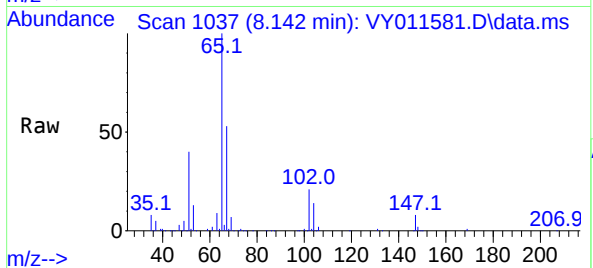
ClientSampleId :

Tgt Ion: 65 Resp: 126329

Ion Ratio Lower Upper

65 100

67 53.0 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: VY011581.D

Acq: 23 Nov 2022 17:31

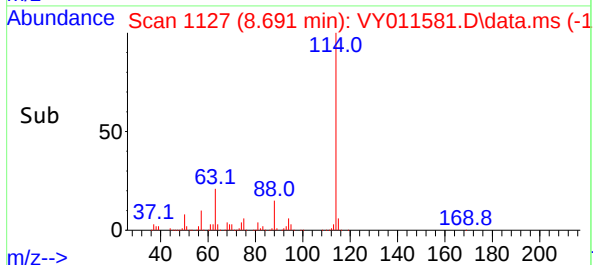
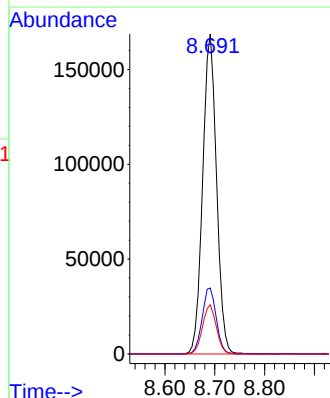
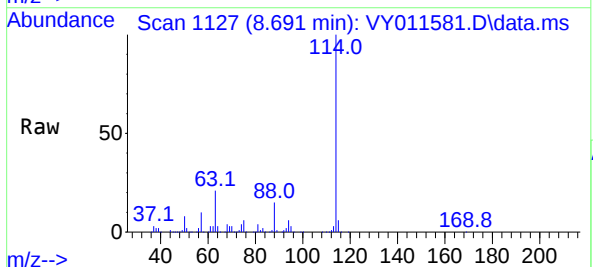
Tgt Ion: 114 Resp: 325123

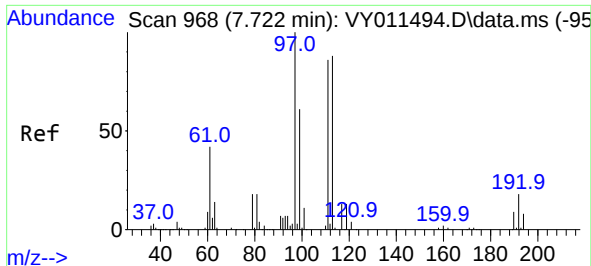
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

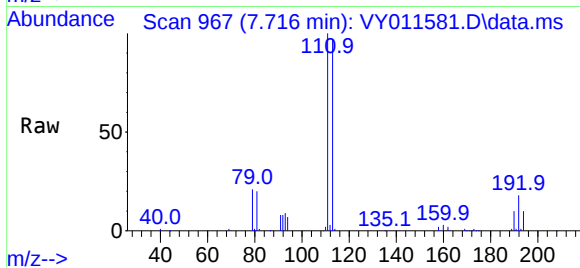
88 15.4 0.0 31.8





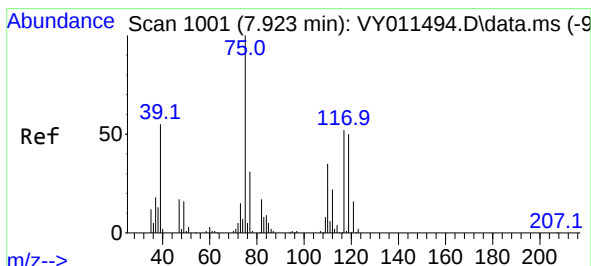
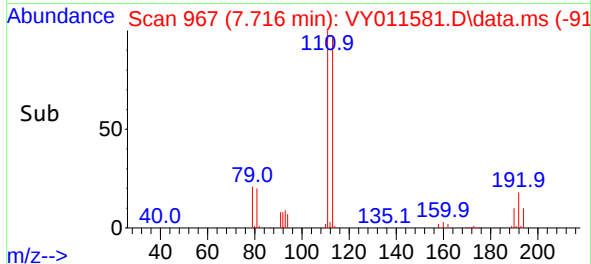
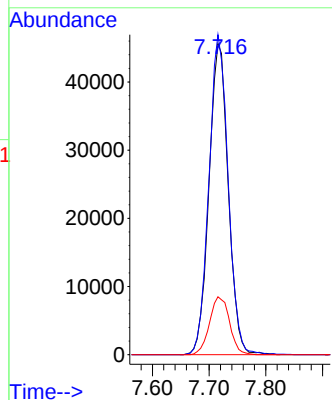
#35
Dibromofluoromethane
Concen: 53.835 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 107748

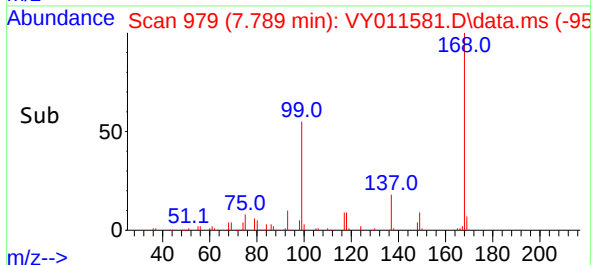
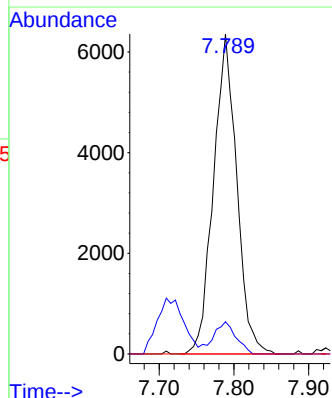
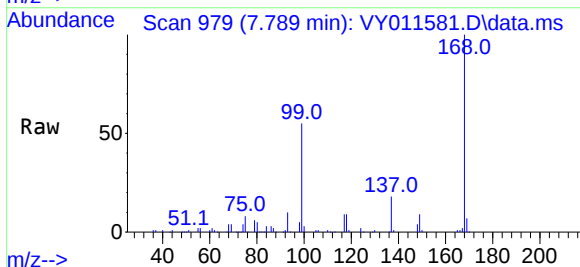
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	19.3	17.6	26.4

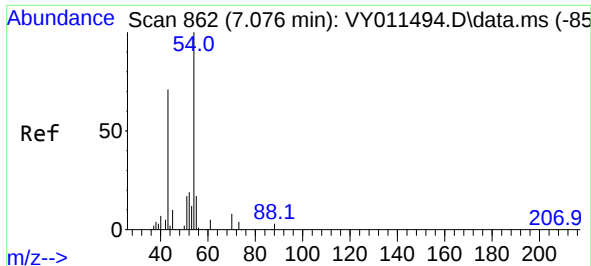


#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Tgt Ion: 75 Resp: 13721

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.145 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

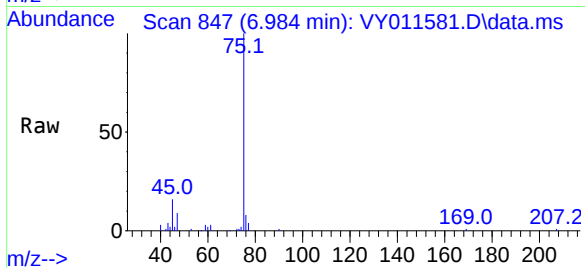
Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :



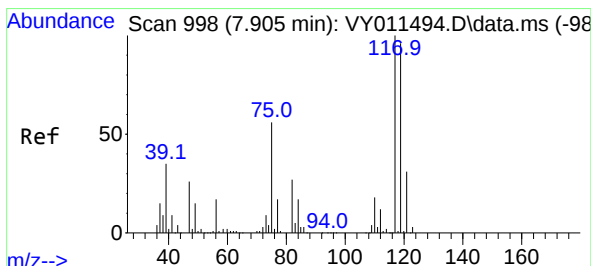
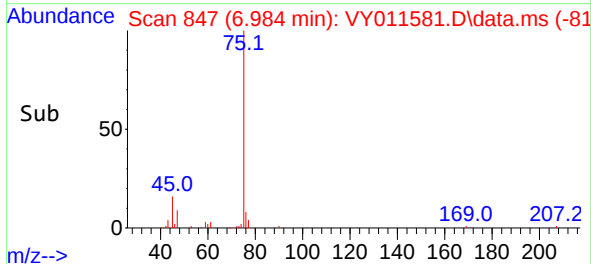
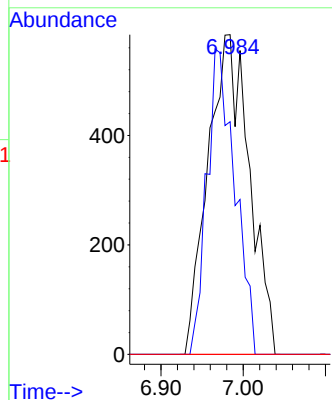
Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

61 64.6 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.891 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

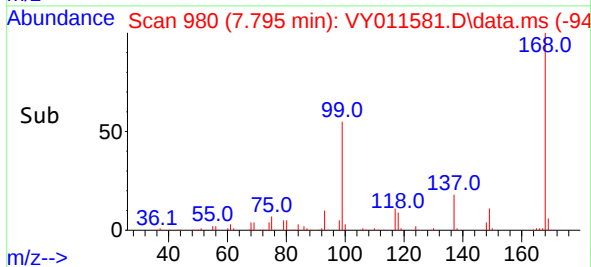
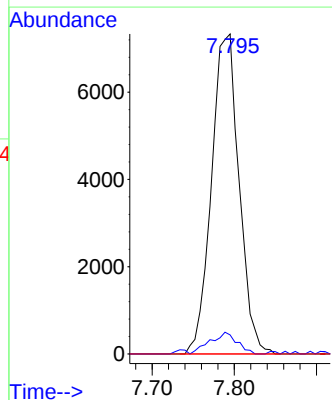
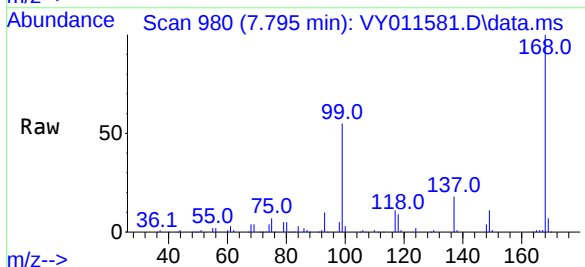
Tgt Ion: 117 Resp: 17119

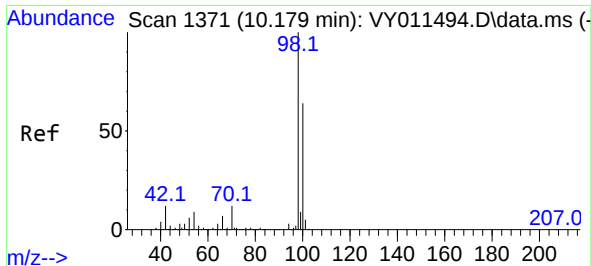
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

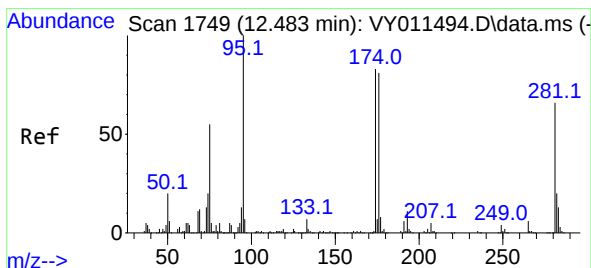
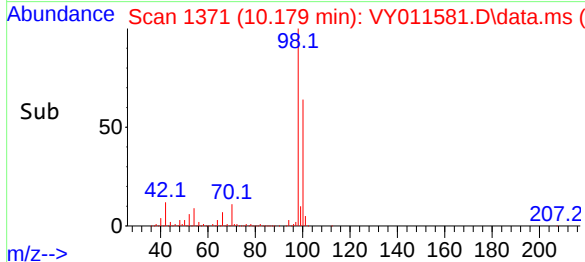
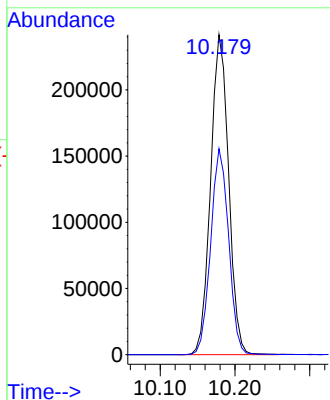
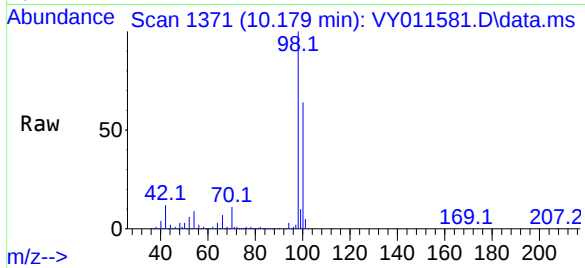




#50
Toluene-d8
Concen: 55.669 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

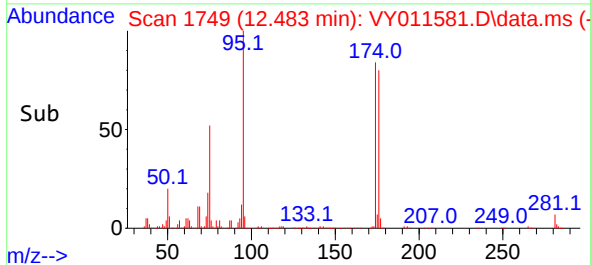
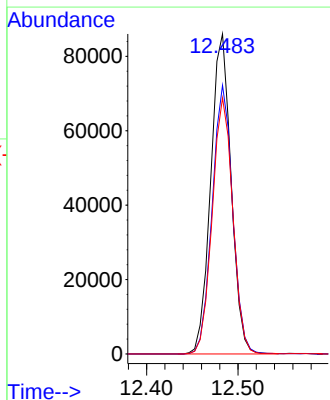
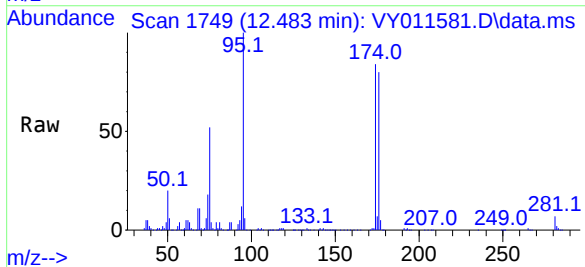
Instrument :
MSVOA_Y
ClientSampleId :

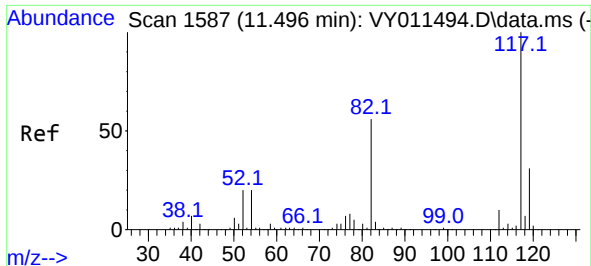
Tgt Ion: 98 Resp: 404883
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

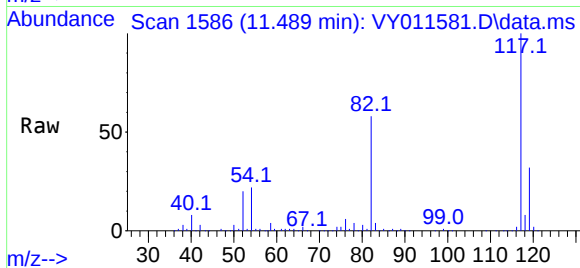
Tgt Ion: 95 Resp: 132784
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 80.9 0.0 175.8



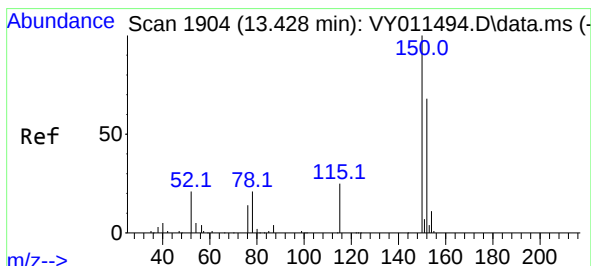
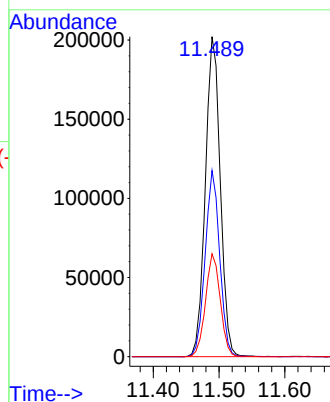
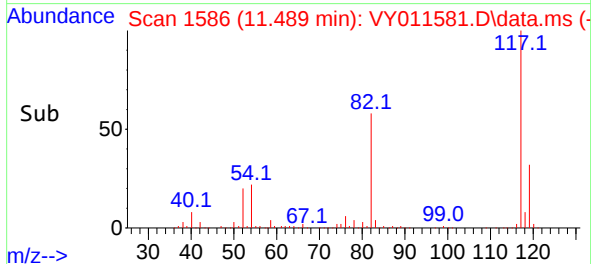


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

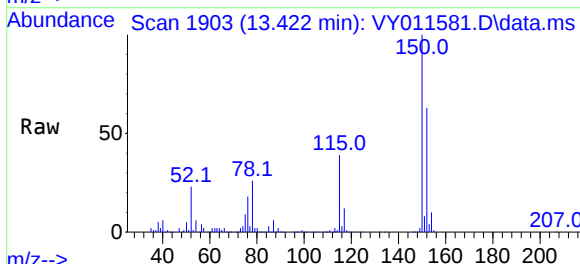
Instrument :
MSVOA_Y
ClientSampleId :



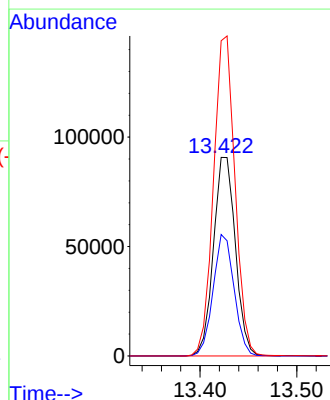
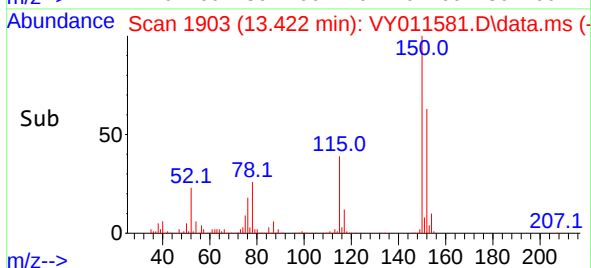
Tgt Ion:117 Resp: 318627
Ion Ratio Lower Upper
117 100
82 58.2 43.0 64.4
119 32.2 25.4 38.0

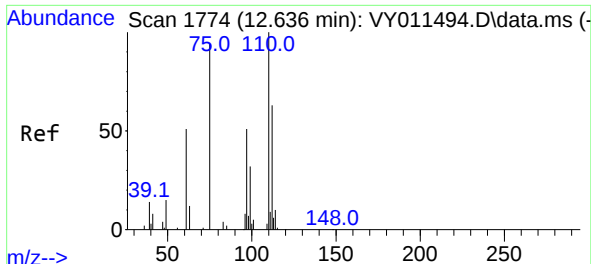


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31



Tgt Ion:152 Resp: 143016
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.6 0.0 347.6

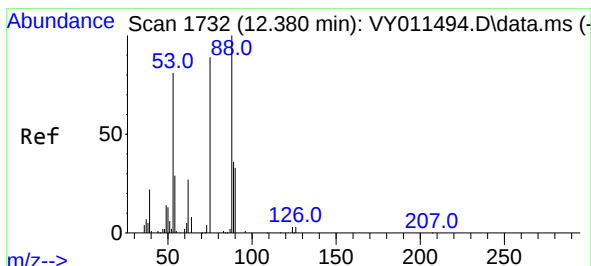
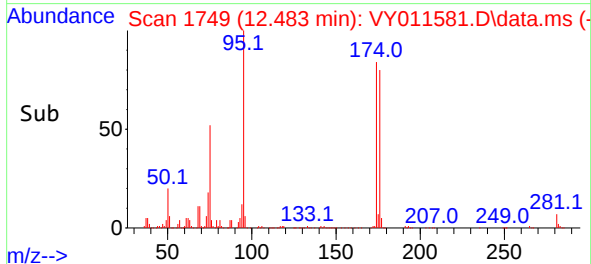
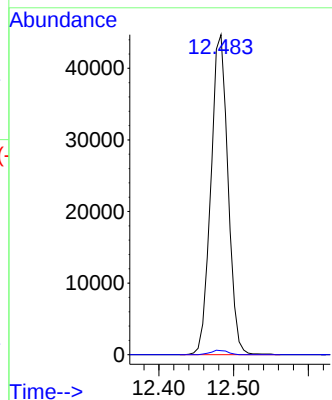
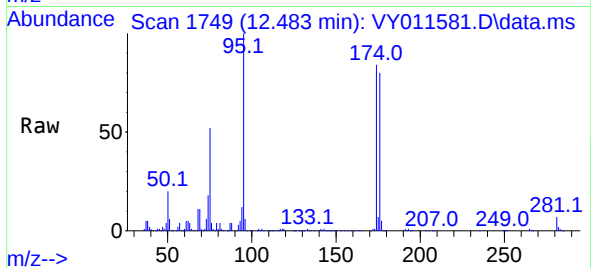




#76
1,2,3-Trichloropropane
Concen: 46.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

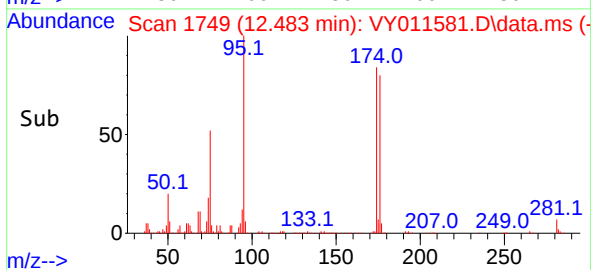
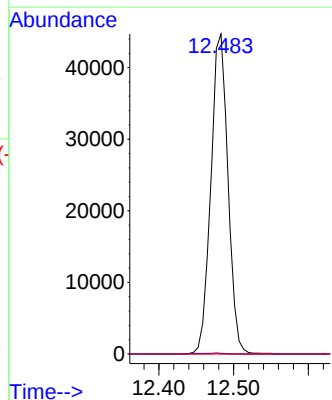
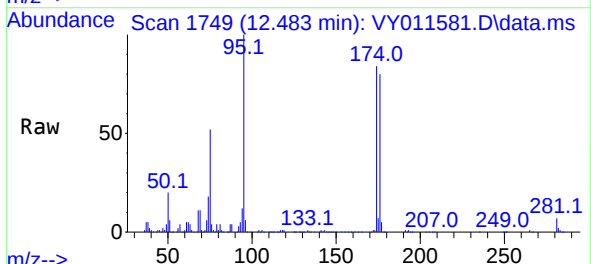
Instrument :
MSVOA_Y
ClientSampleId :

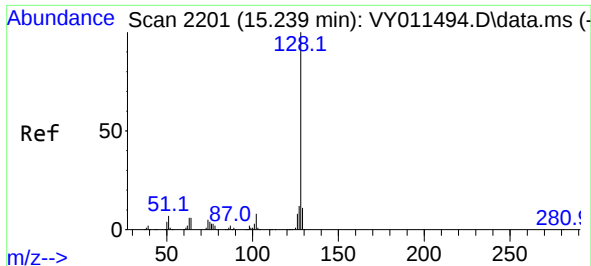
Tgt Ion: 75 Resp: 71044
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011581.D
Acq: 23 Nov 2022 17:31

Tgt Ion: 75 Resp: 71044
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.037 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.007 min

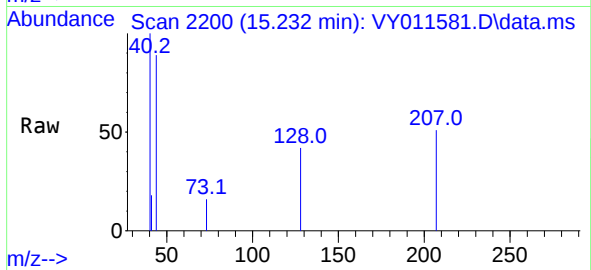
Lab File: VY011581.D

Acq: 23 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 95

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

