

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008785.D
 Acq On : 17 May 2022 20:41
 Operator : KP/MD
 Sample : N2802-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

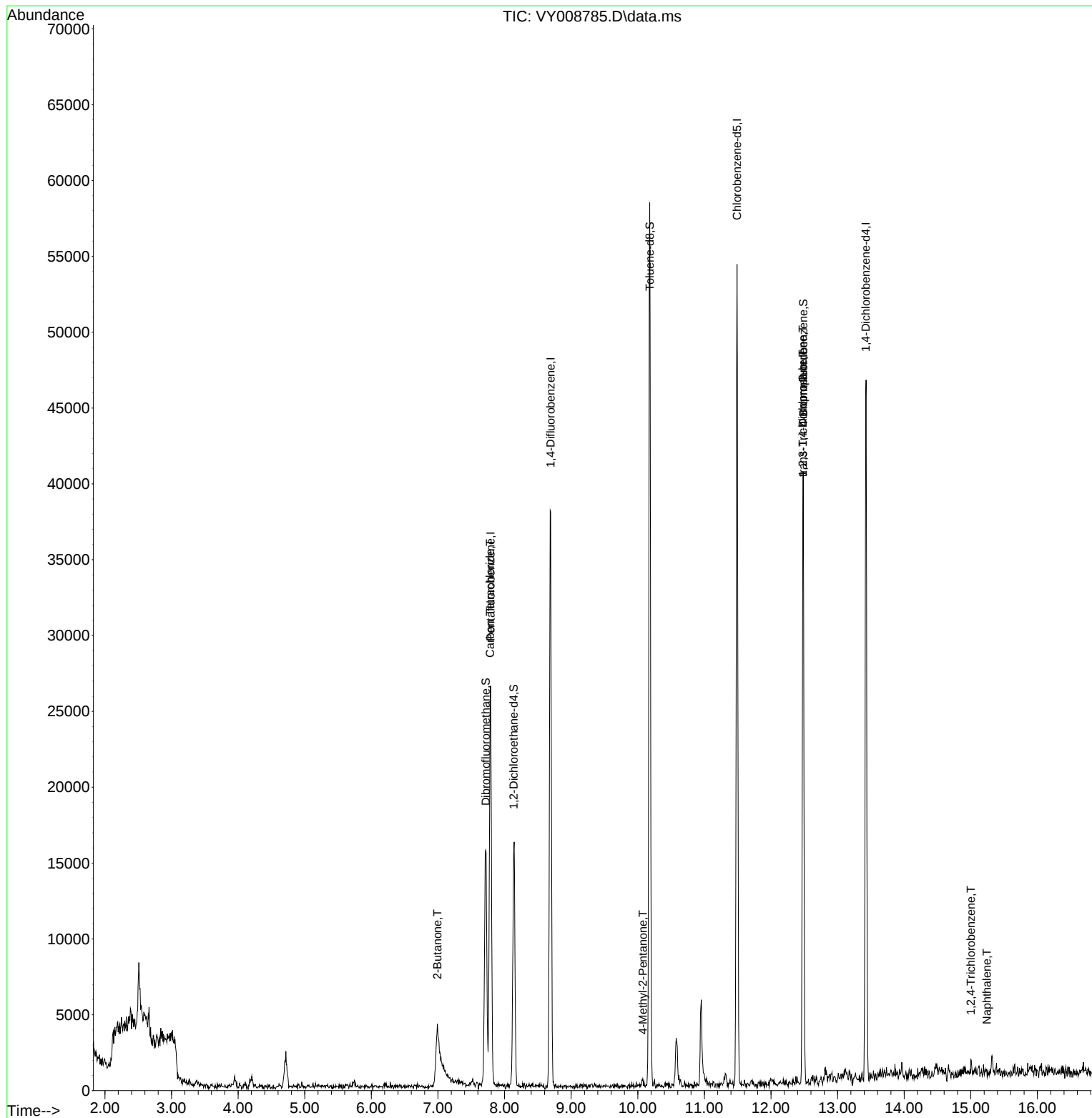
Internal Standards						
1) Pentafluorobenzene	7.789	168	20213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	32737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	11889	63.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.800%	
35) Dibromofluoromethane	7.716	113	11051	57.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.560%	
50) Toluene-d8	10.179	98	37712	44.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.420%	
62) 4-Bromofluorobenzene	12.483	95	10803	36.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	222	Below Cal	#	44
4) Vinyl Chloride	2.253	62	39	Below Cal	#	43
5) Bromomethane	2.644	94	377	Below Cal	#	18
6) Chloroethane	2.820	64	22	Below Cal	#	43
7) Trichlorofluoromethane	2.997	101	30	Below Cal	#	21
16) Acetone	3.948	43	1014	Below Cal	#	86
18) Methyl Acetate	4.460	43	65	Below Cal	#	56
25) 2-Butanone	6.990	43	474	6.023 ug/l	#	54
31) Cyclohexane	7.795	56	633	Below Cal	#	85
38) Carbon Tetrachloride	7.783	117	1797	5.473 ug/l	#	11
51) 4-Methyl-2-Pentanone	10.075	43	262	1.460 ug/l		89
76) 1,2,3-Trichloropropane	12.477	75	6098	46.149 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6098	100.941 ug/l	#	7
93) 1,2,4-Trichlorobenzene	15.001	180	190	1.042 ug/l	#	84
95) Naphthalene	15.239	128	468	1.148 ug/l	#	69

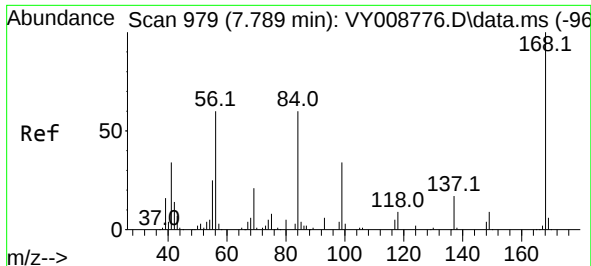
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008785.D
Acq On : 17 May 2022 20:41
Operator : KP/MD
Sample : N2802-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

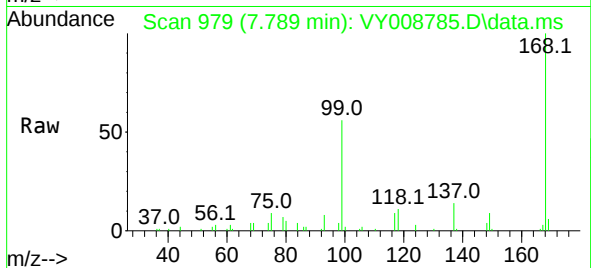
Quant Time: May 18 07:57:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



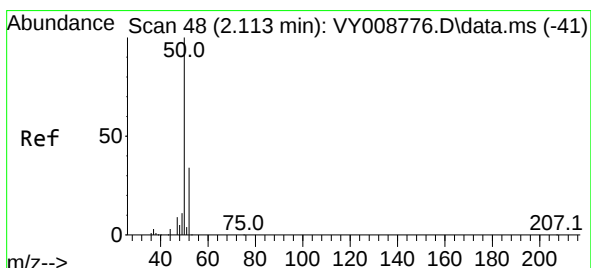
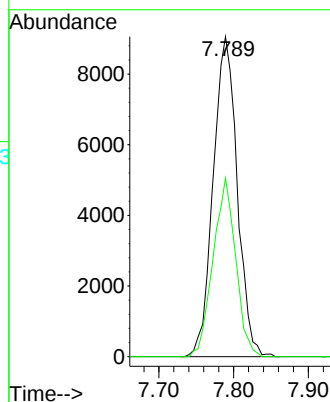
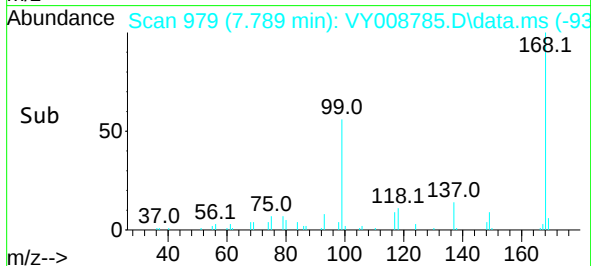


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Instrument :
MSVOA_Y
ClientSampleId :

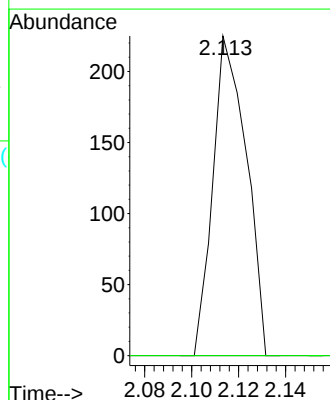
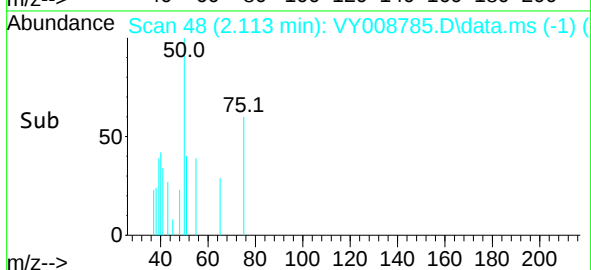
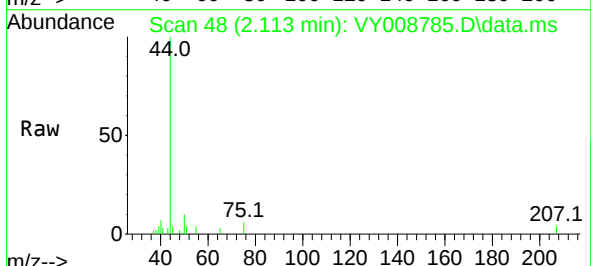


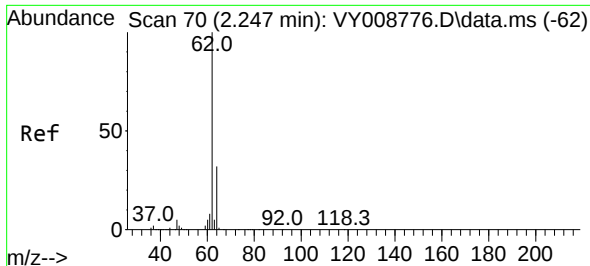
Tgt Ion:168 Resp: 20213
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

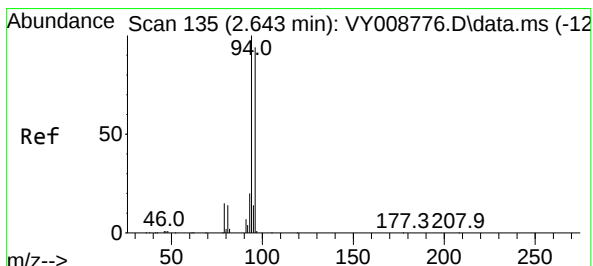
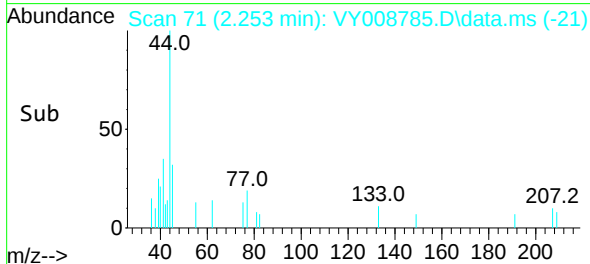
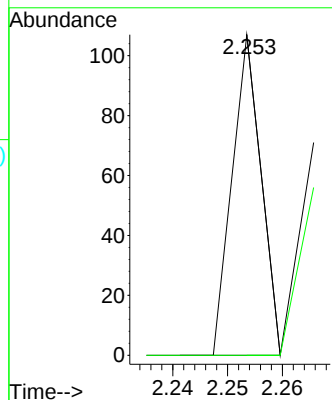
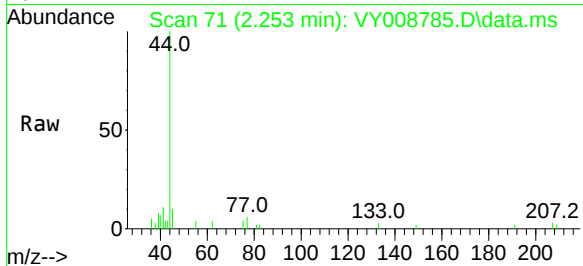




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41

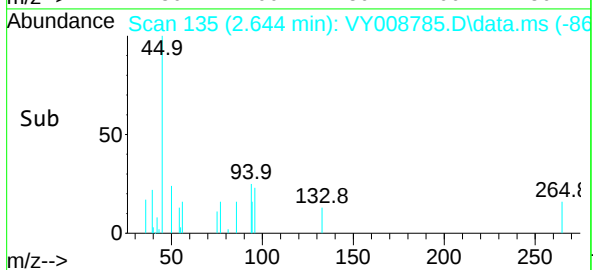
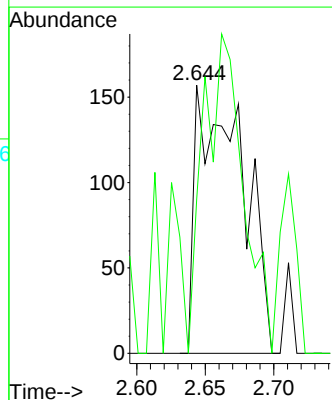
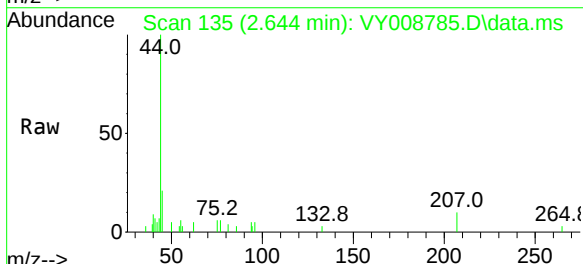
Instrument :
 MSVOA_Y
 ClientSampleId :

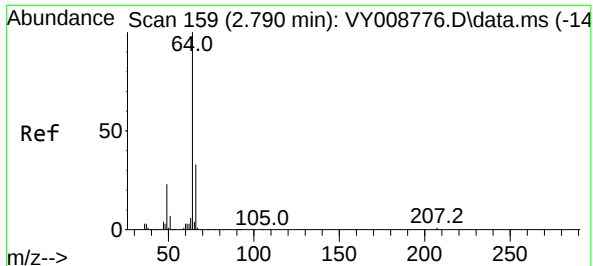
Tgt Ion: 62 Resp: 39
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.644 min Scan# 135
 Delta R.T. 0.001 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41

Tgt Ion: 94 Resp: 377
 Ion Ratio Lower Upper
 94 100
 96 14.0 73.5 110.3#

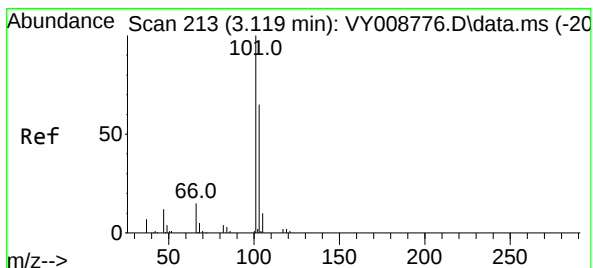
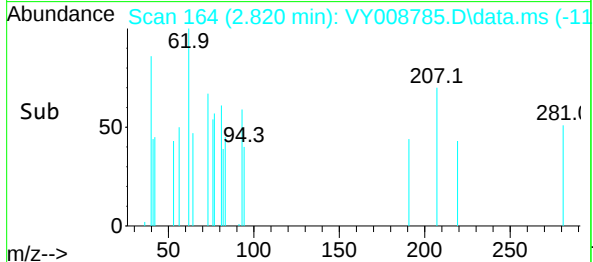
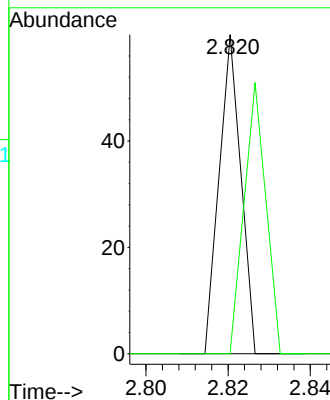
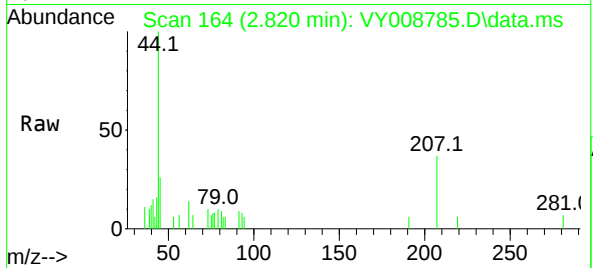




#6
Chloroethane
Concen: Below Cal
RT: 2.820 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

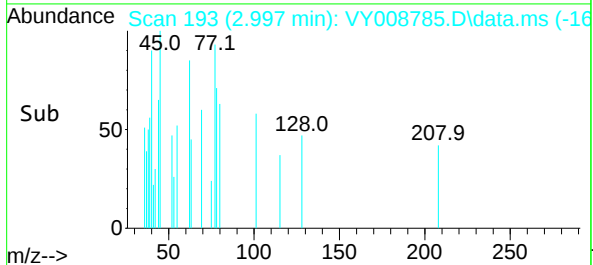
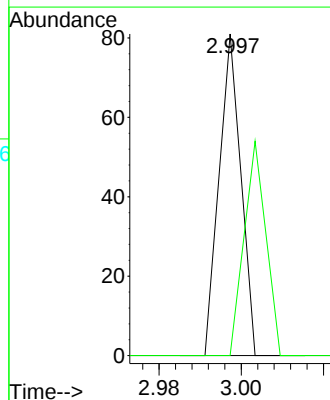
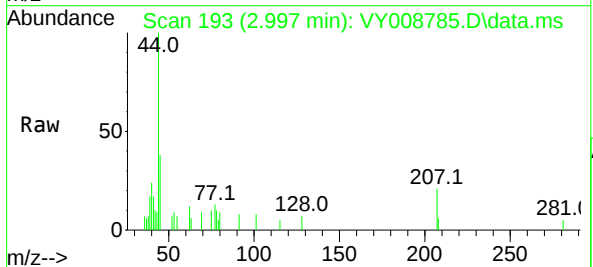
Instrument :
MSVOA_Y
ClientSampleId :

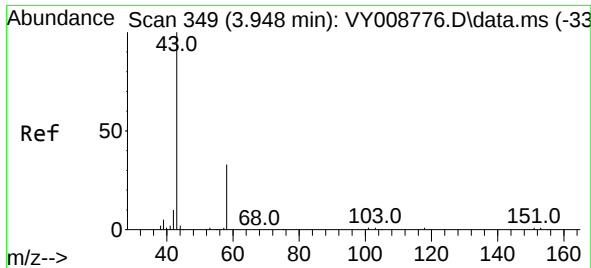
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.997 min Scan# 193
Delta R.T. -0.122 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

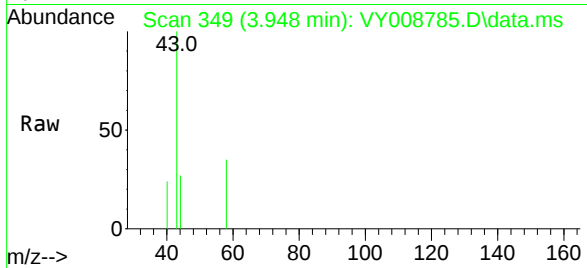
Tgt Ion: 101 Resp: 30
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



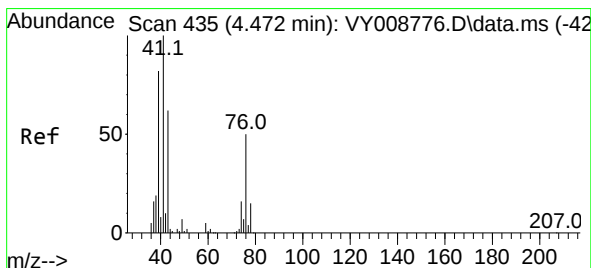
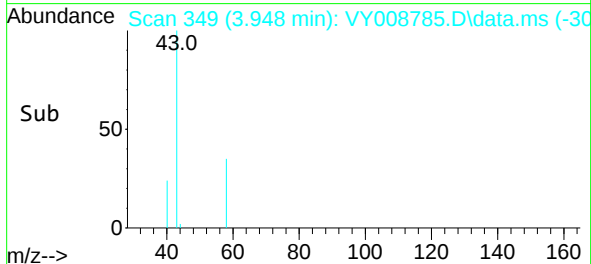
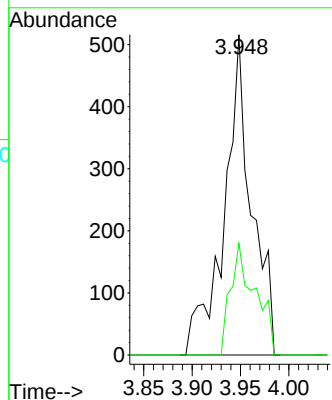


#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Instrument :
MSVOA_Y
ClientSampleId :

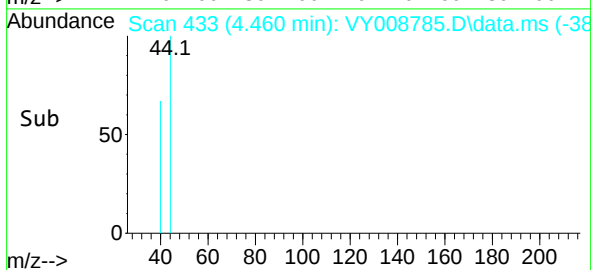
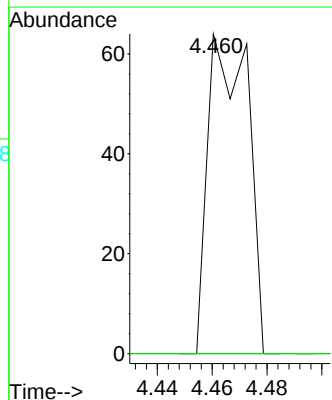
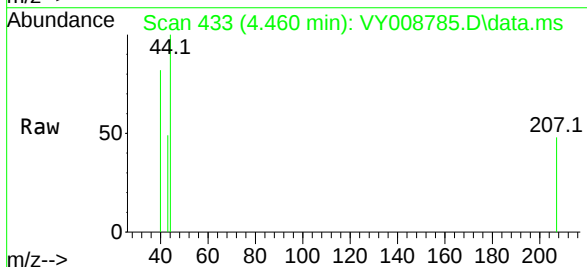


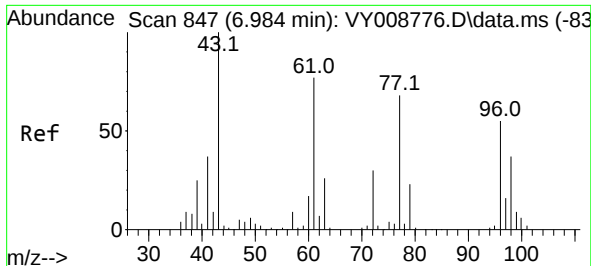
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 6.023 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY008785.D

Acq: 17 May 2022 20:41

Instrument :

MSVOA_Y

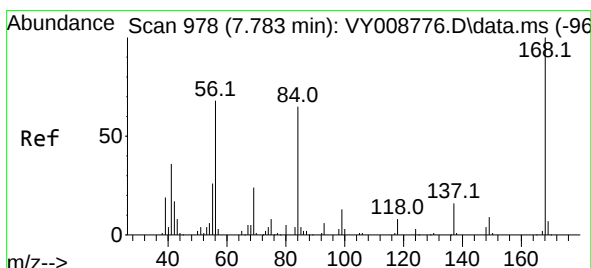
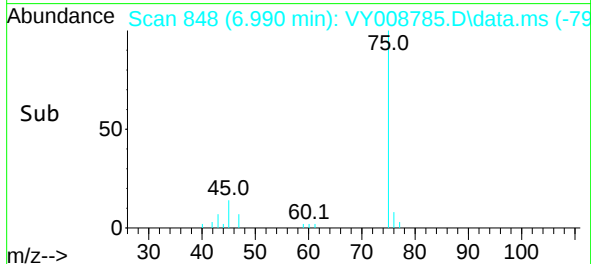
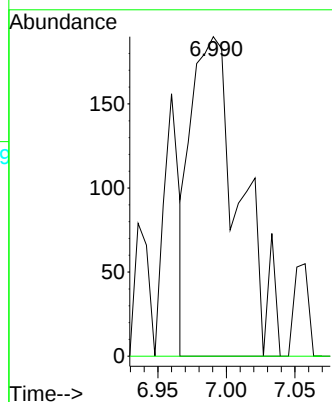
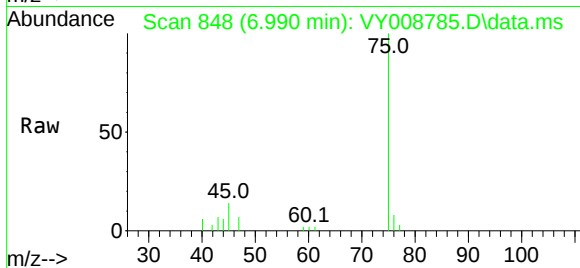
ClientSampleId :

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY008785.D

Acq: 17 May 2022 20:41

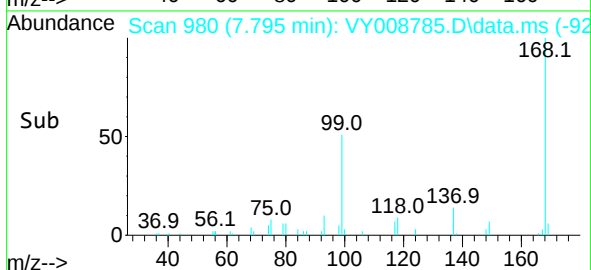
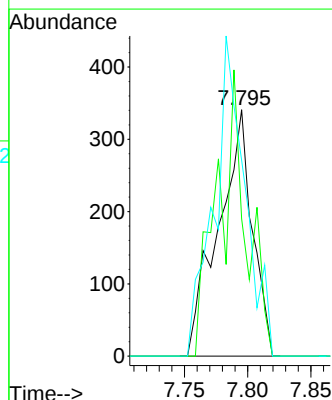
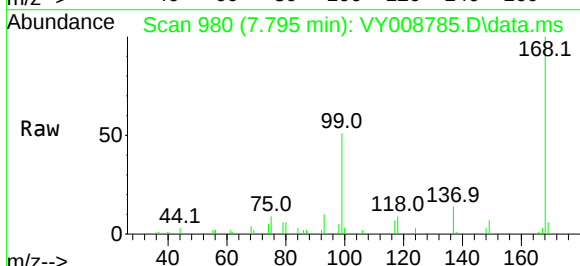
Tgt Ion: 56 Resp: 633

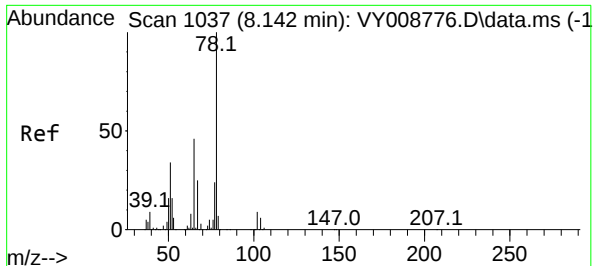
Ion Ratio Lower Upper

56 100

69 55.7 26.7 40.1#

84 79.5 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 63.402 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008785.D

Acq: 17 May 2022 20:41

Instrument :

MSVOA_Y

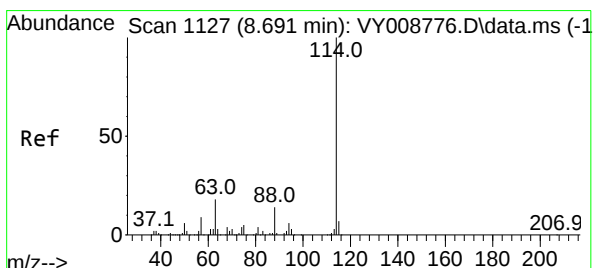
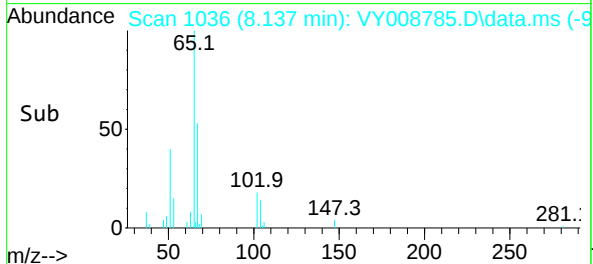
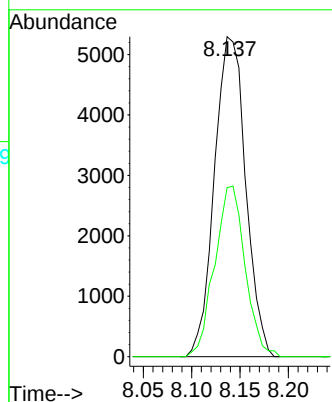
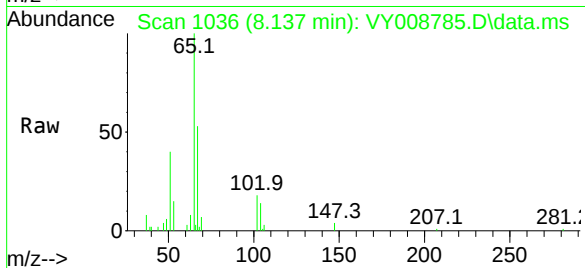
ClientSampleId :

Tgt Ion: 65 Resp: 11889

Ion Ratio Lower Upper

65 100

67 52.0 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: VY008785.D

Acq: 17 May 2022 20:41

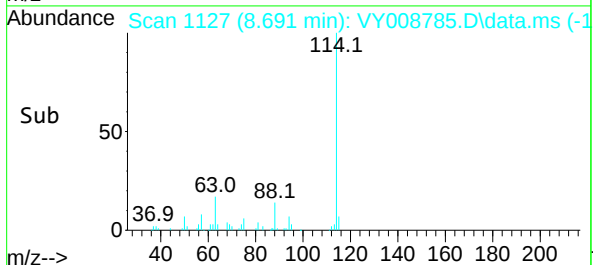
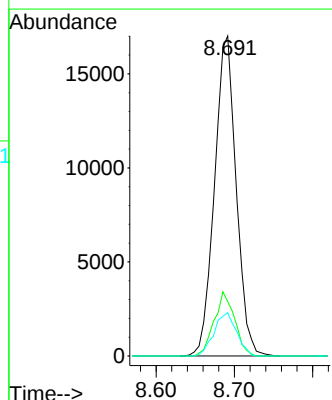
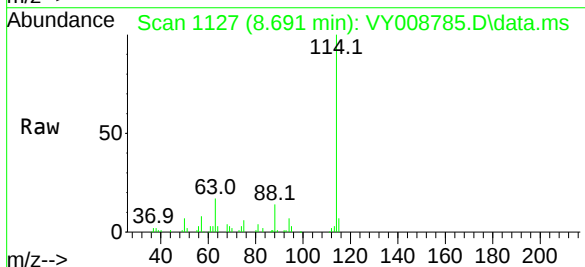
Tgt Ion: 114 Resp: 32737

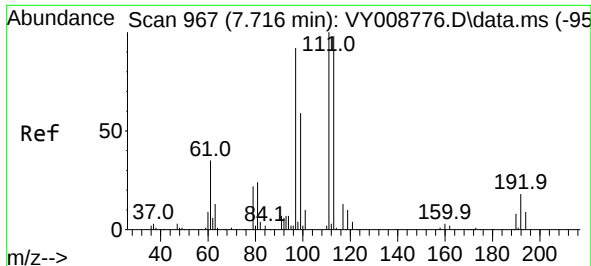
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

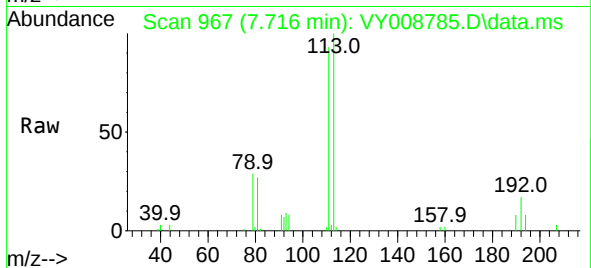
88 13.6 0.0 31.8



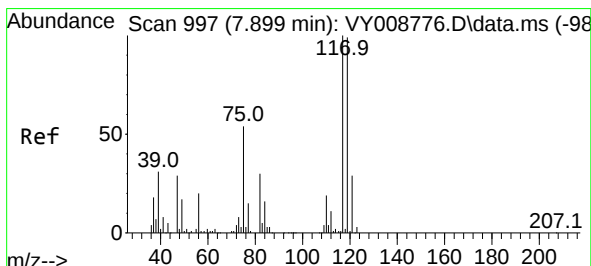
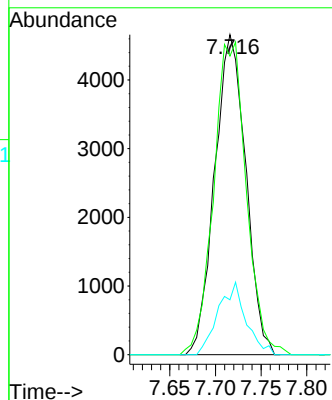
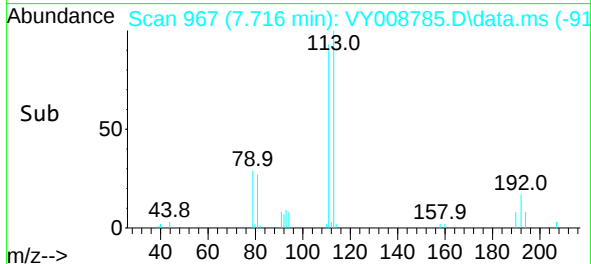


#35
 Dibromofluoromethane
 Concen: 57.775 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41

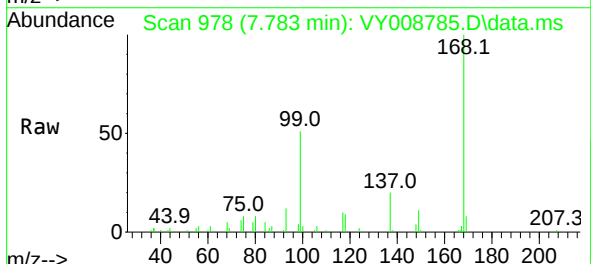
Instrument :
 MSVOA_Y
 ClientSampleId :



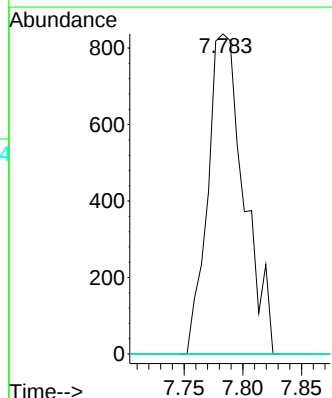
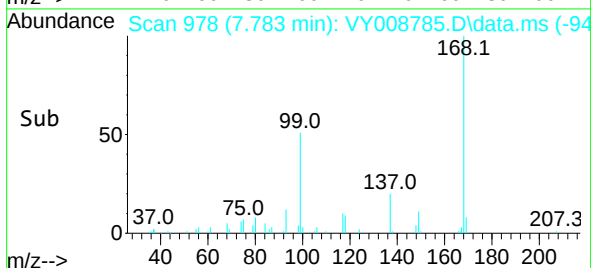
Tgt Ion:113 Resp: 11051
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 124.0
 192 20.1 17.6 26.4

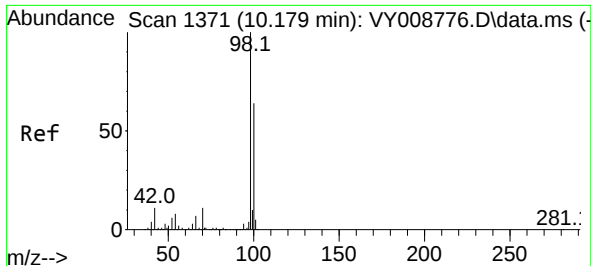


#38
 Carbon Tetrachloride
 Concen: 5.473 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41



Tgt Ion:117 Resp: 1797
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.9 116.9#
 121 0.0 24.8 37.2#

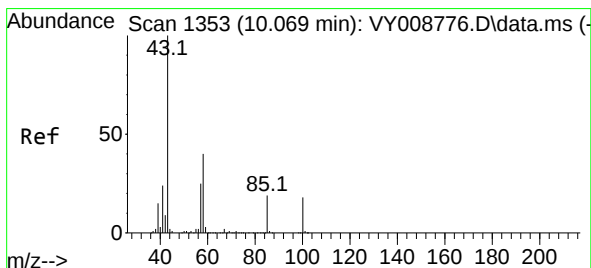
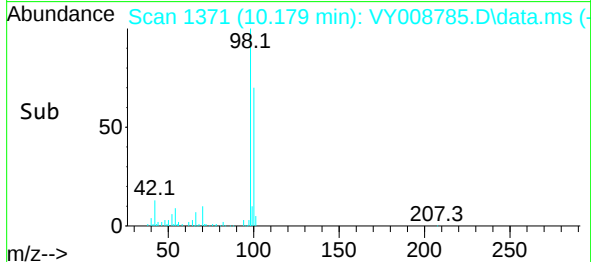
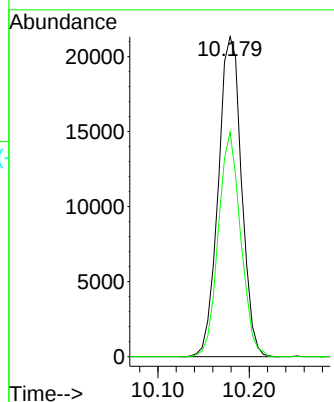
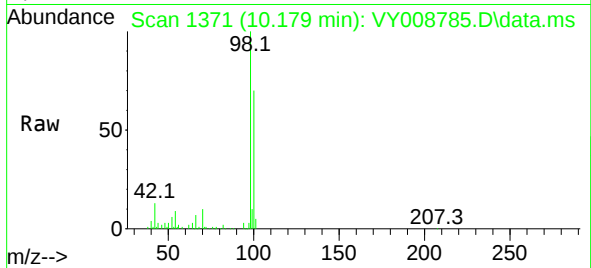




#50
Toluene-d8
Concen: 44.714 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

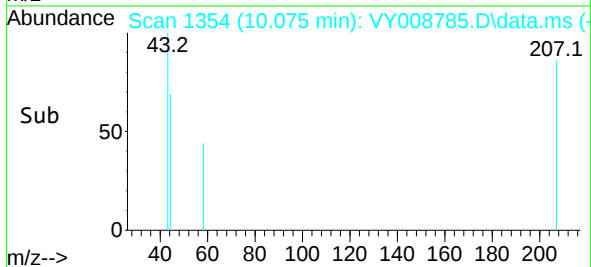
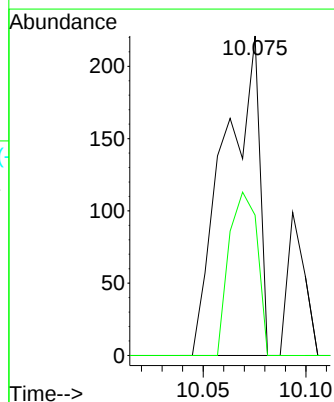
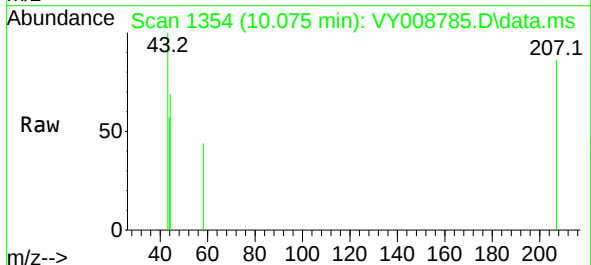
Instrument :
MSVOA_Y
ClientSampleId :

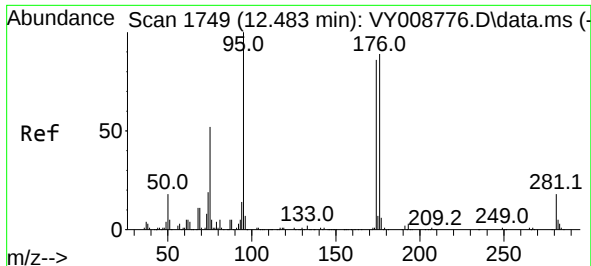
Tgt Ion: 98 Resp: 37712
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.460 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1

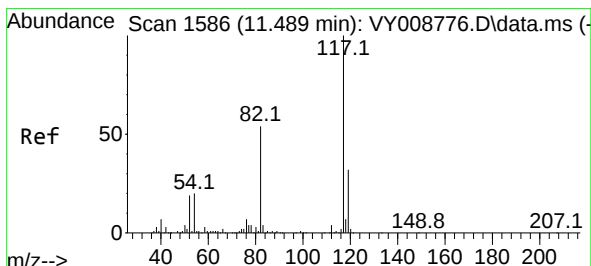
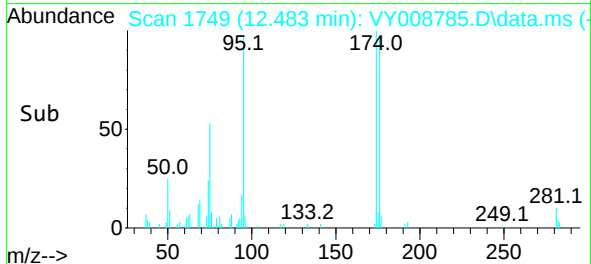
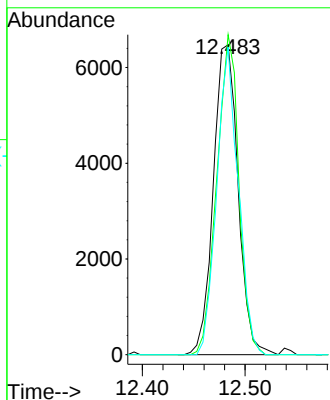
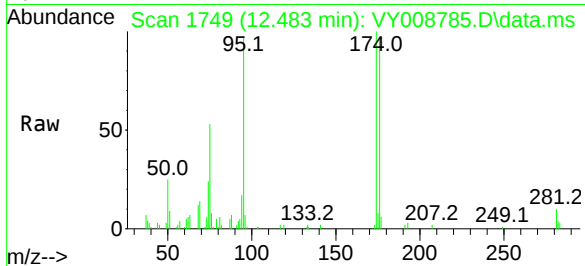




#62
4-Bromofluorobenzene
Concen: 36.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

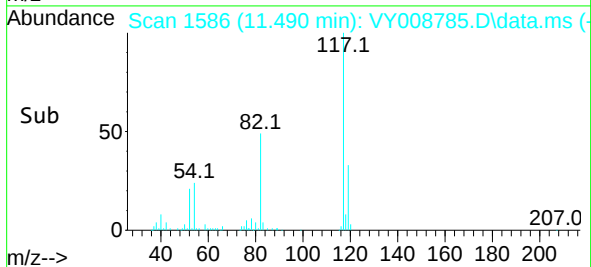
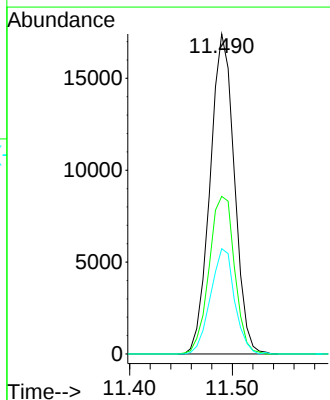
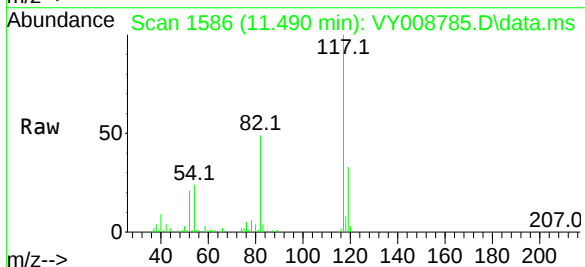
Instrument :
MSVOA_Y
ClientSampleId :

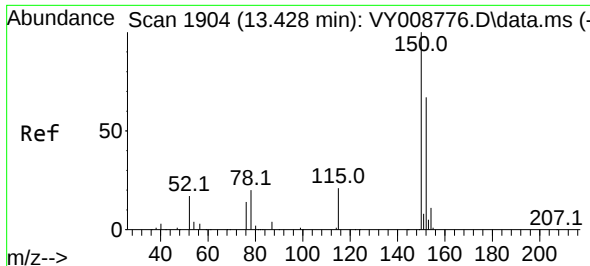
Tgt Ion: 95 Resp: 10803
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 86.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

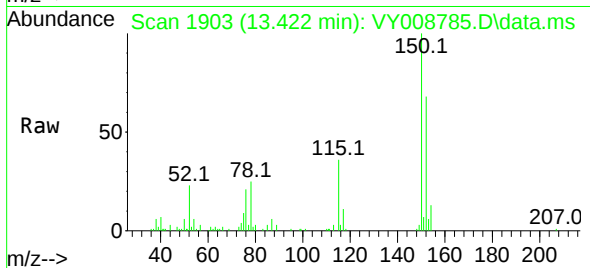
Tgt Ion: 117 Resp: 28556
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.9 25.4 38.0



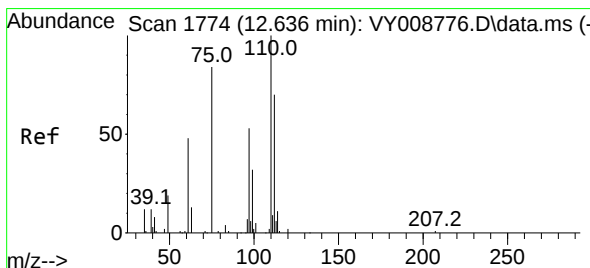
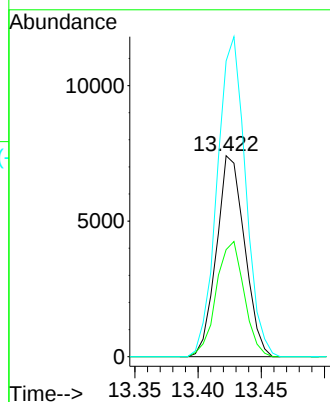
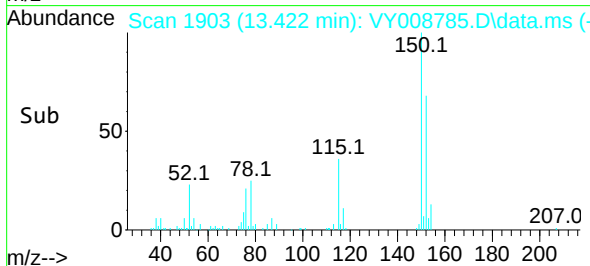


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :

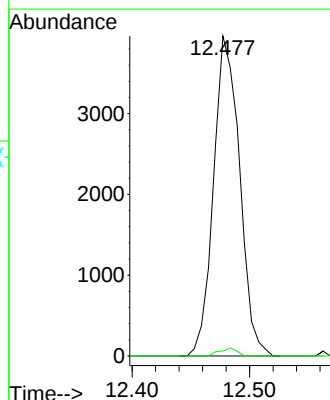
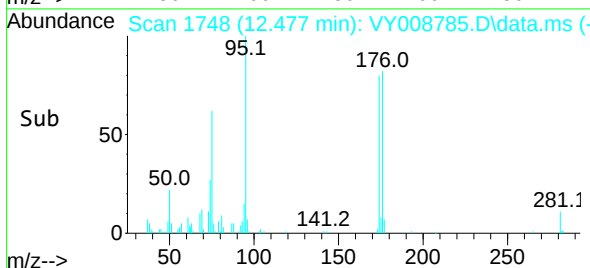
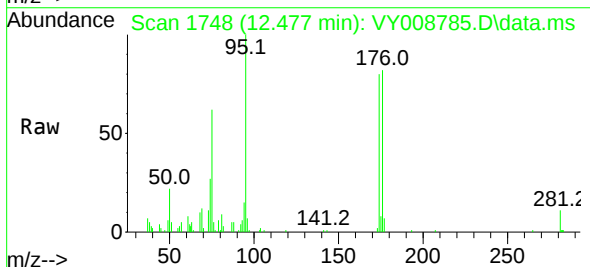


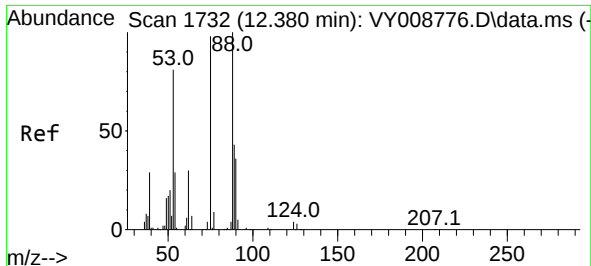
Tgt Ion:152 Resp: 11439
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 160.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.149 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY008785.D
 Acq: 17 May 2022 20:41

Tgt Ion: 75 Resp: 6098
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

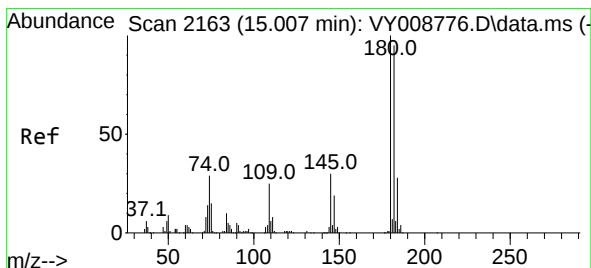
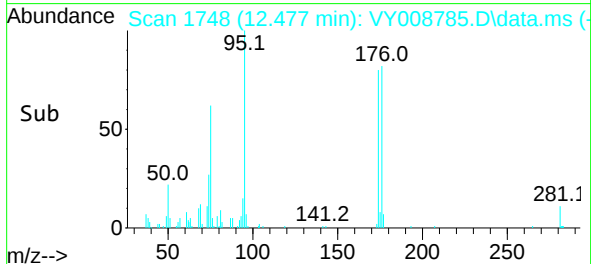
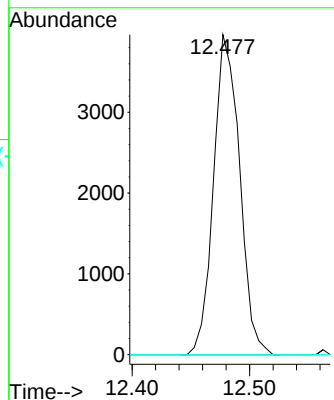
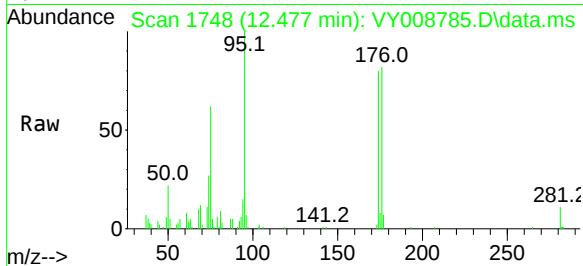




#81
trans-1,4-Dichloro-2-butene
Concen: 100.941 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

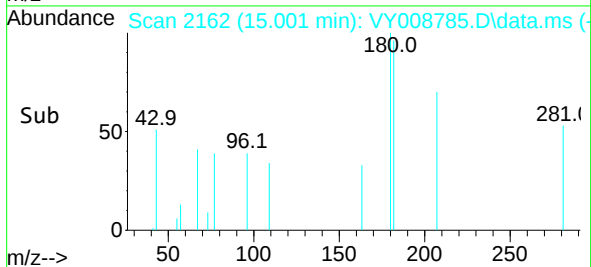
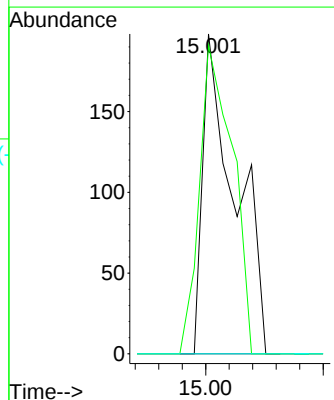
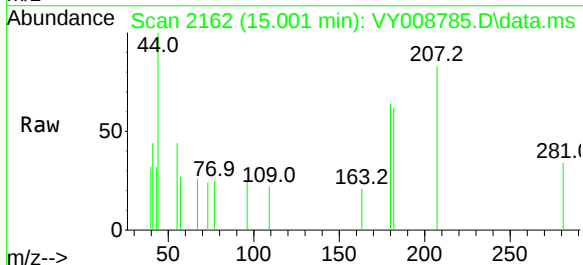
Instrument :
MSVOA_Y
ClientSampleId :

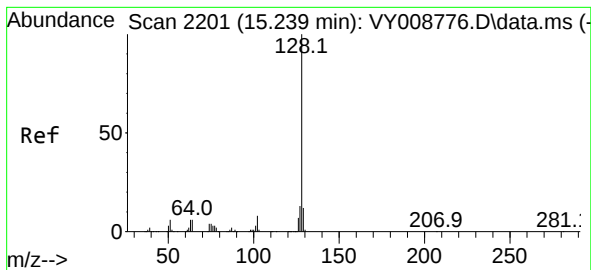
Tgt Ion: 75 Resp: 6098
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.042 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

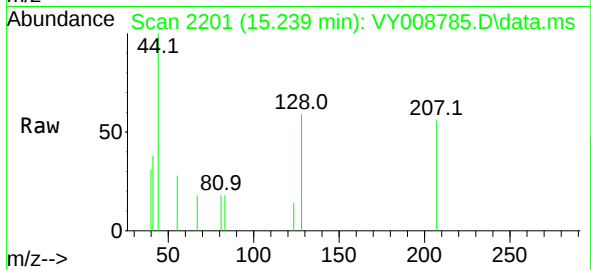
Tgt Ion:180 Resp: 190
Ion Ratio Lower Upper
180 100
182 98.4 47.3 141.9
145 0.0 14.6 43.8#





#95
Naphthalene
Concen: 1.148 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008785.D
Acq: 17 May 2022 20:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 468
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

