

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019750.D
 Acq On : 01 Oct 2024 18:45
 Operator : SY/MD
 Sample : P4236-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:18:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

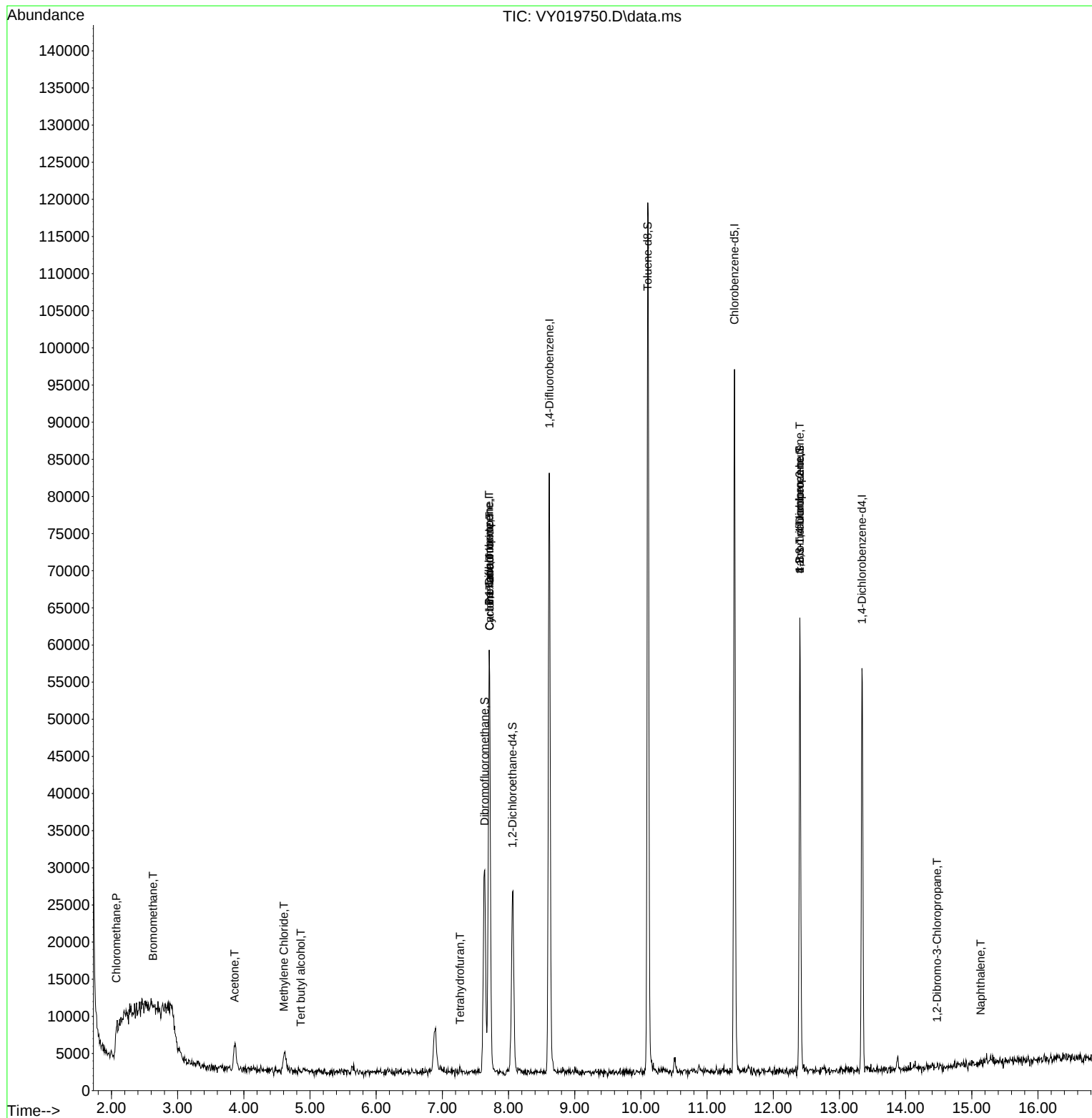
Internal Standards						
1) Pentafluorobenzene	7.707	168	39388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	67807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	49391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	13373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	19355	53.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.140%	
35) Dibromofluoromethane	7.640	113	21251	55.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.103	98	76841	54.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.402	95	18477	33.793	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 67.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.044	85	25	Below Cal	#	43
3) Chloromethane	2.074	50	327	1.003	ug/l #	43
5) Bromomethane	2.629	94	456	2.107	ug/l	87
11) Tert butyl alcohol	4.860	59	97	3.293	ug/l #	88
13) Acrolein	3.665	56	112	Below Cal	#	15
16) Acetone	3.860	43	7047	81.102	ug/l #	77
20) Methylene Chloride	4.604	84	1045	2.637	ug/l	94
29) Tetrahydrofuran	7.268	42	76	1.011	ug/l #	26
31) Cyclohexane	7.713	56	1296	1.985	ug/l #	58
36) 1,1-Dichloropropene	7.707	75	3549	6.784	ug/l #	50
38) Carbon Tetrachloride	7.713	117	4513	7.650	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	10873	86.745	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	10873	166.526	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.474	75	53	1.847	ug/l #	1
95) Naphthalene	15.133	128	544	1.197	ug/l #	69

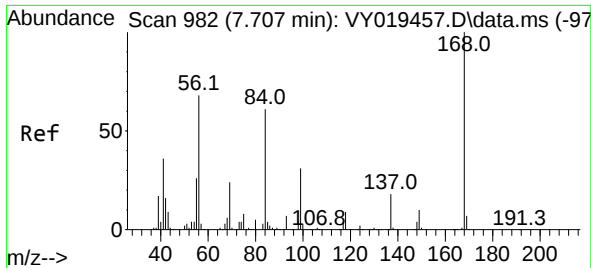
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
Data File : VY019750.D
Acq On : 01 Oct 2024 18:45
Operator : SY/MD
Sample : P4236-02
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 02 03:18:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

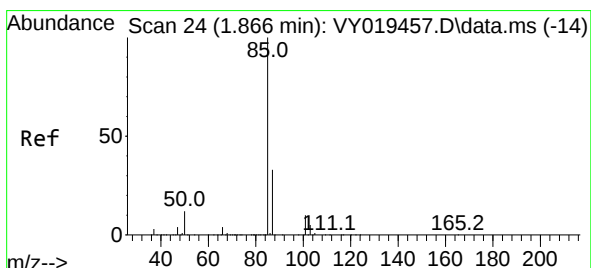
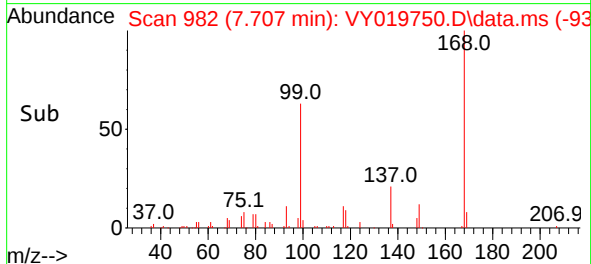
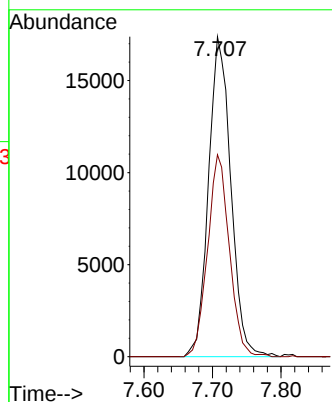
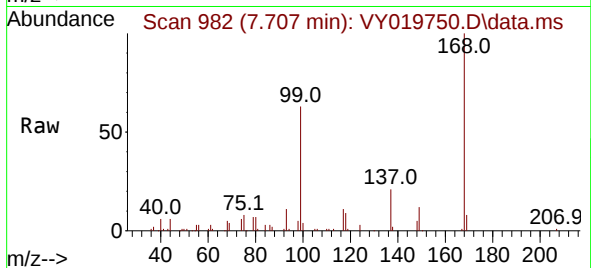




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

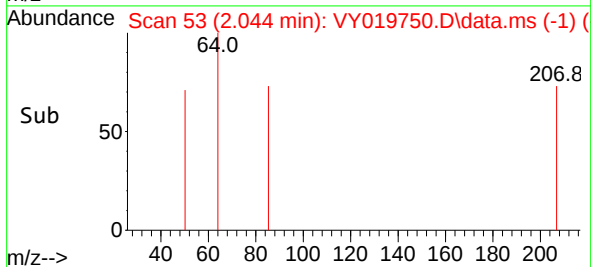
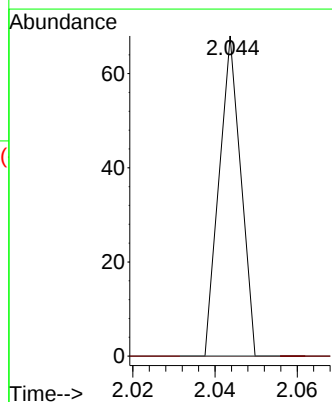
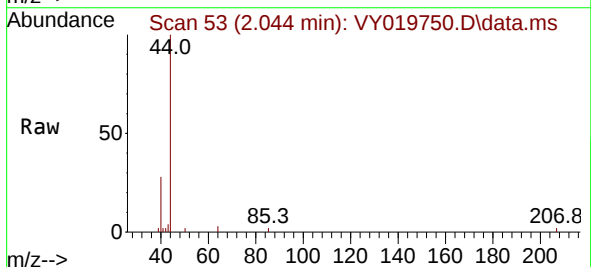
Instrument :
MSVOA_Y
ClientSampleId :

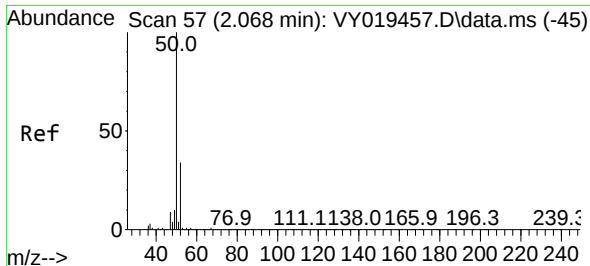
Tgt Ion:168 Resp: 39388
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.044 min Scan# 53
Delta R.T. 0.178 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

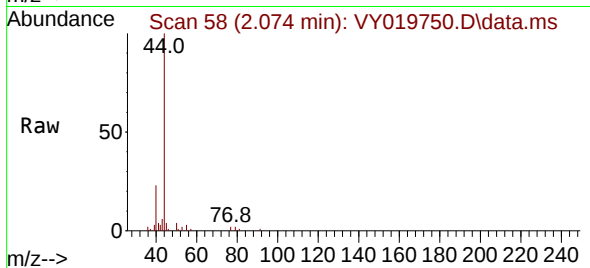
Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



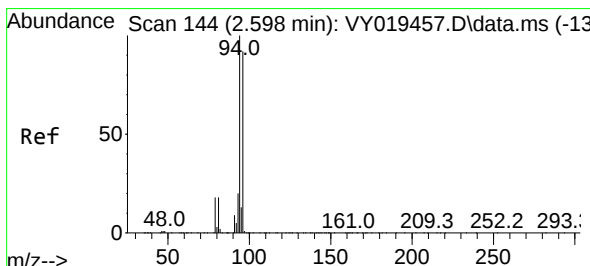
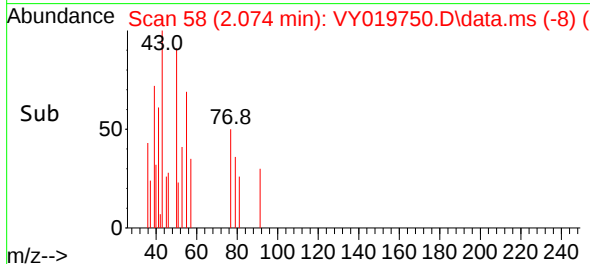
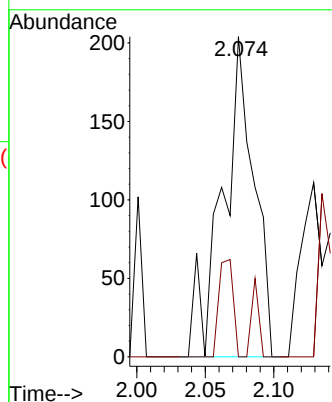


#3
Chloromethane
Concen: 1.003 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Instrument :
MSVOA_Y
ClientSampleId :

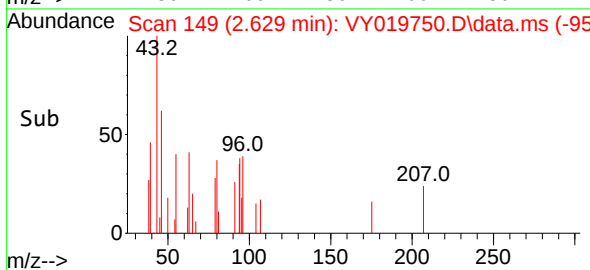
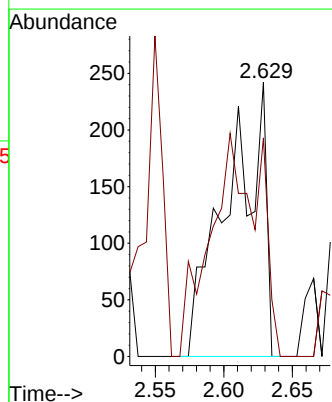
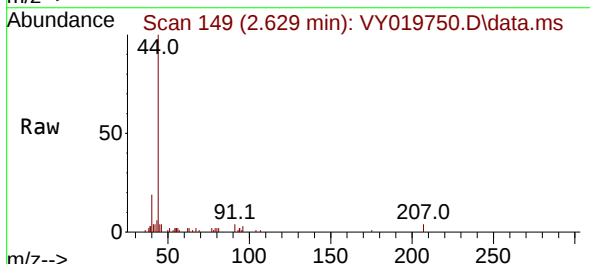


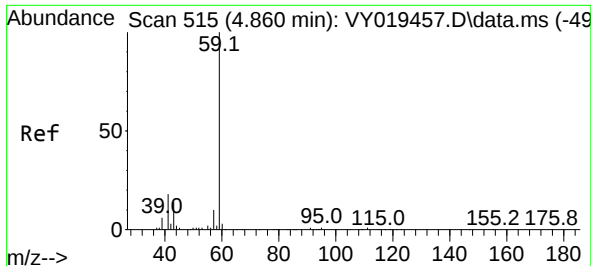
Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#5
Bromomethane
Concen: 2.107 ug/l
RT: 2.629 min Scan# 149
Delta R.T. 0.031 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 79.8 74.1 111.1

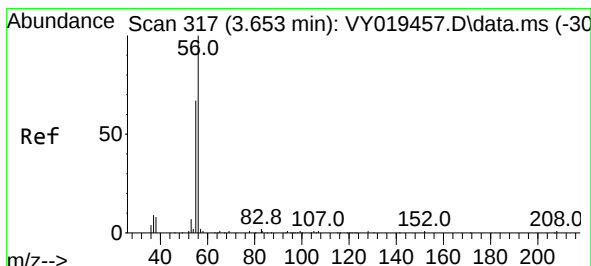
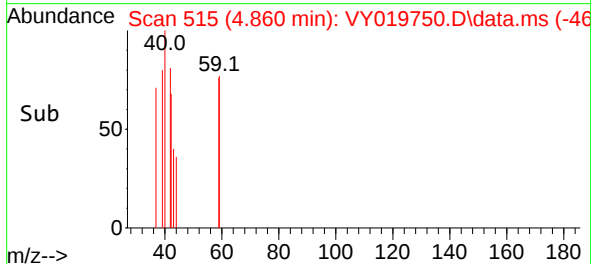
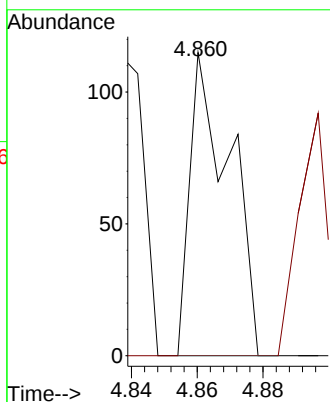
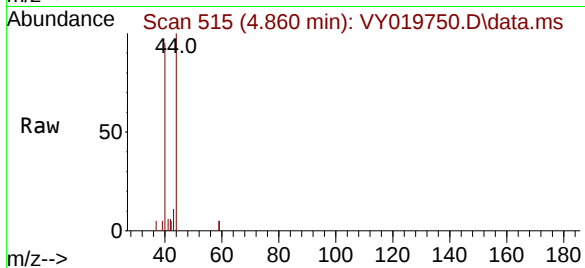




#11
Tert butyl alcohol
Concen: 3.293 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

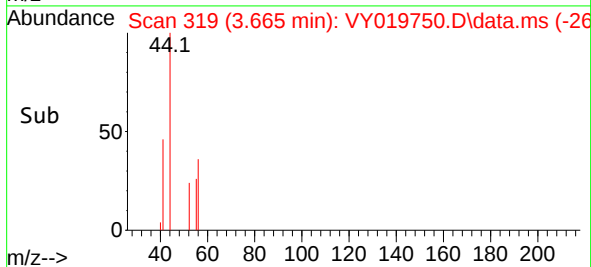
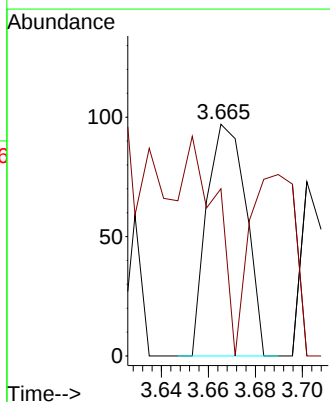
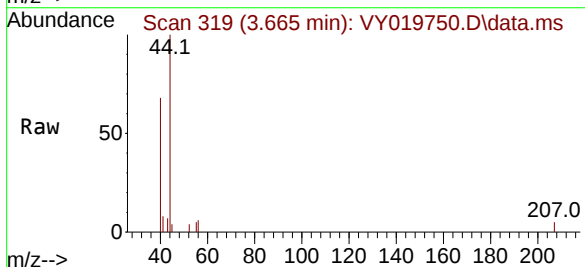
Instrument :
MSVOA_Y
ClientSampleId :

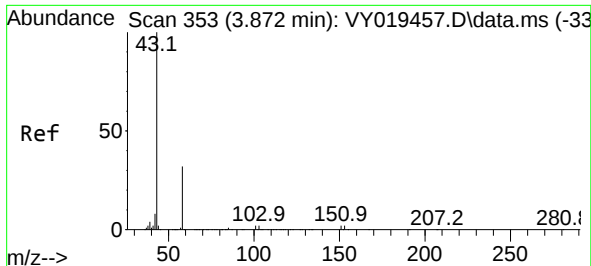
Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

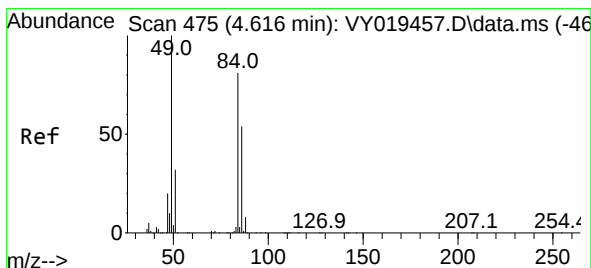
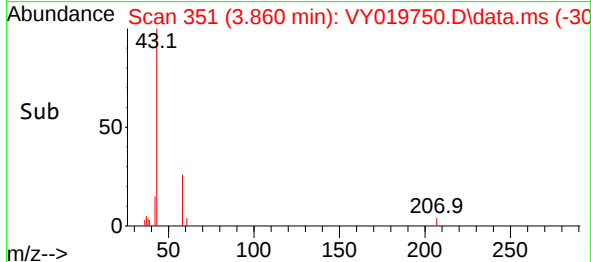
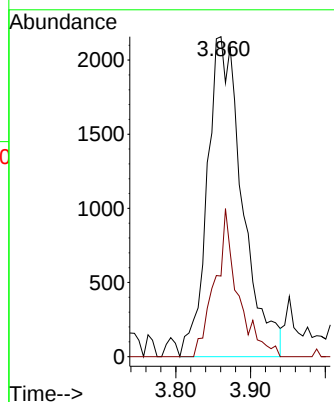
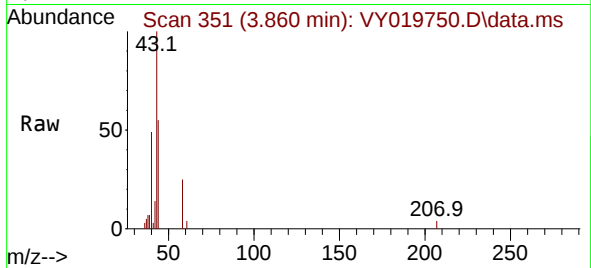




#16
Acetone
Concen: 81.102 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

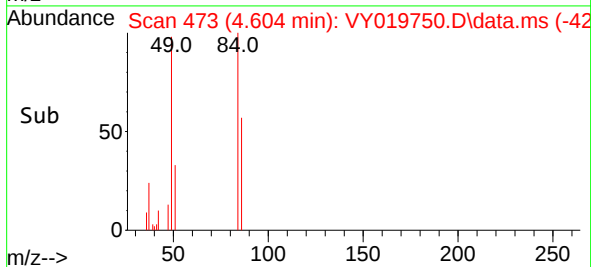
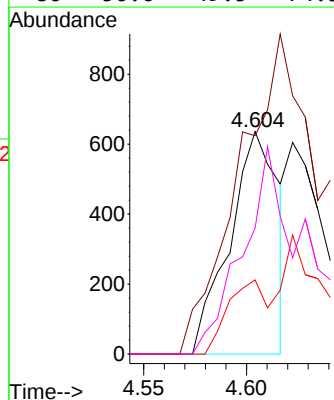
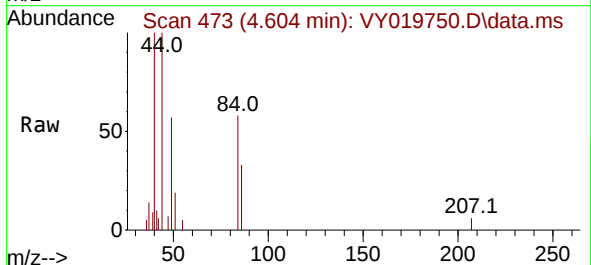
Instrument :
MSVOA_Y
ClientSampleId :

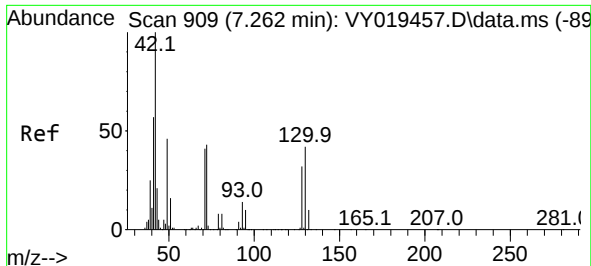
Tgt Ion: 43 Resp: 7047
Ion Ratio Lower Upper
43 100
58 25.2 31.7 47.5#



#20
Methylene Chloride
Concen: 2.637 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 84 Resp: 1045
Ion Ratio Lower Upper
84 100
49 98.1 84.4 126.6
51 33.3 26.0 39.0
86 56.6 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.011 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

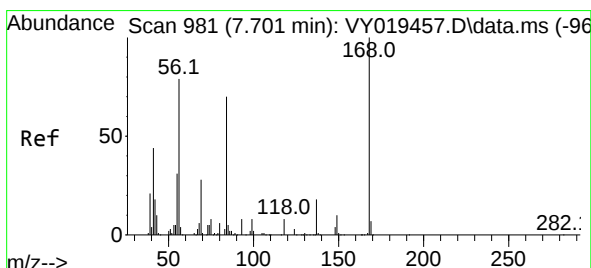
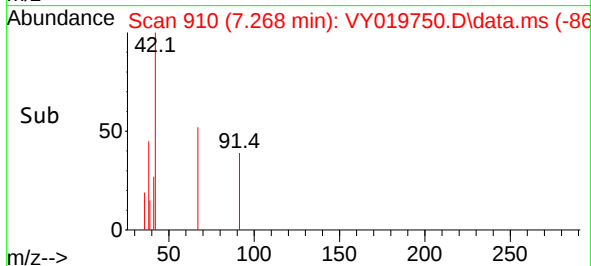
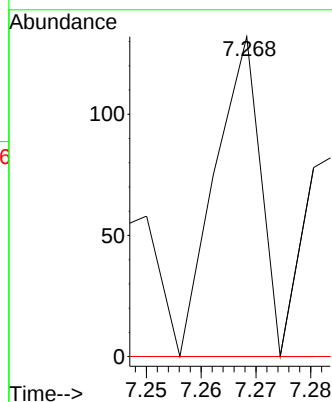
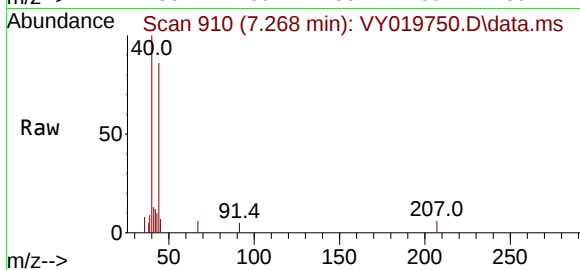
Tgt Ion: 42 Resp: 76

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.985 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.013 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

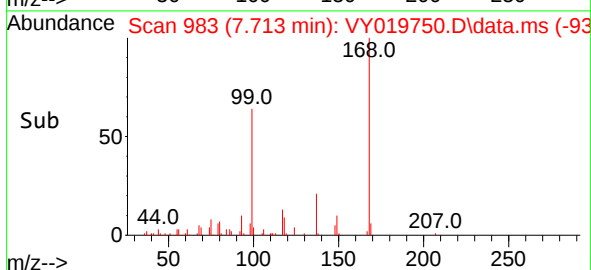
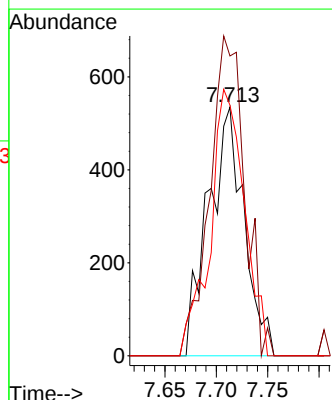
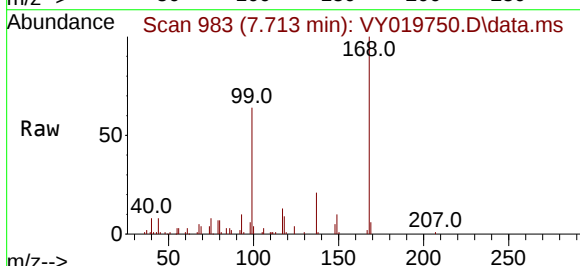
Tgt Ion: 56 Resp: 1296

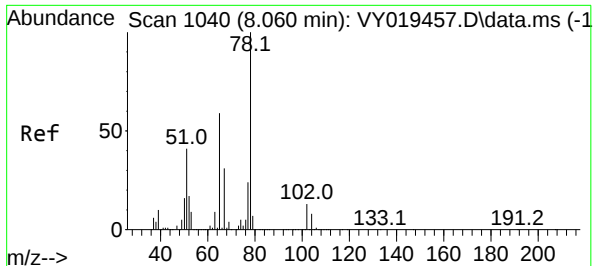
Ion Ratio Lower Upper

56 100

69 120.6 28.7 43.1#

84 100.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.068 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

Instrument :

MSVOA_Y

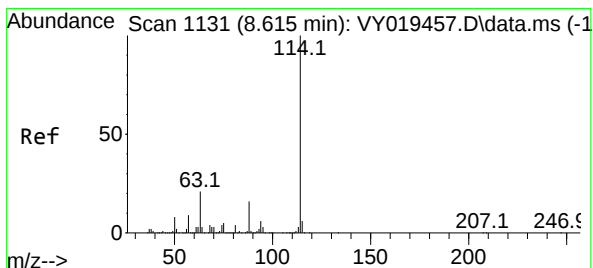
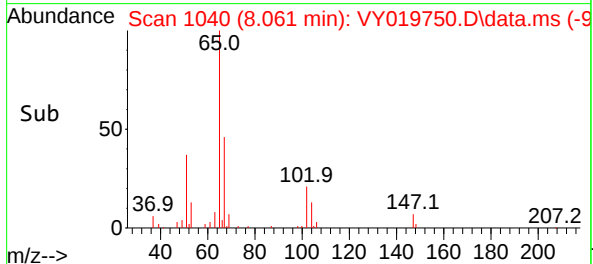
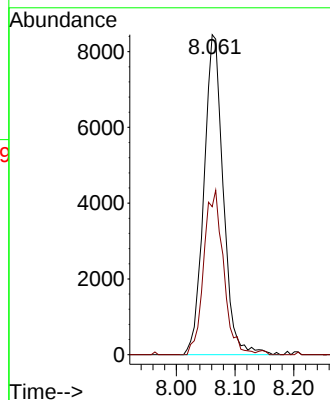
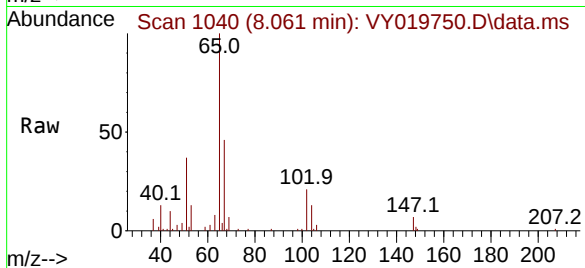
ClientSampleId :

Tgt Ion: 65 Resp: 19355

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

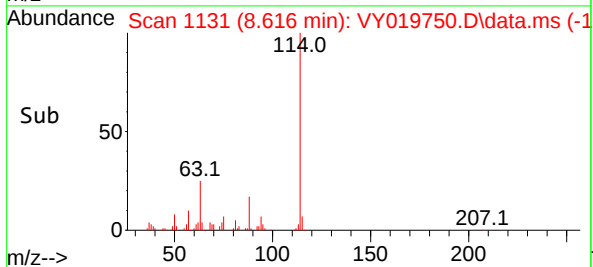
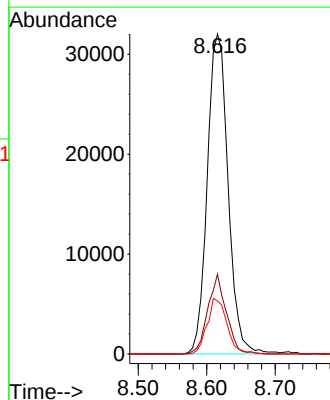
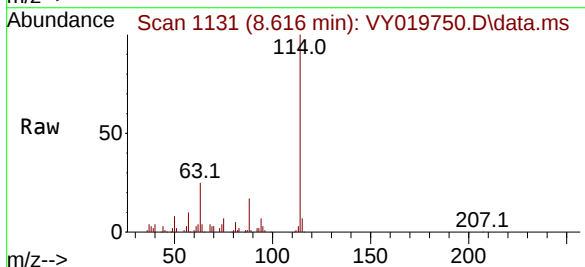
Tgt Ion: 114 Resp: 67807

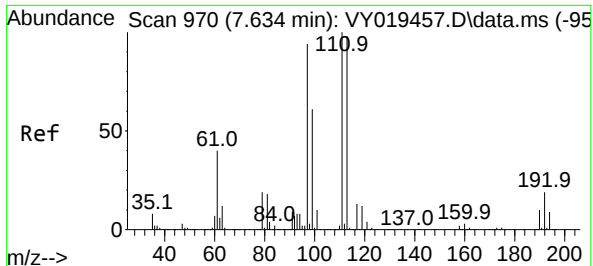
Ion Ratio Lower Upper

114 100

63 24.9 0.0 35.0

88 16.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.276 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

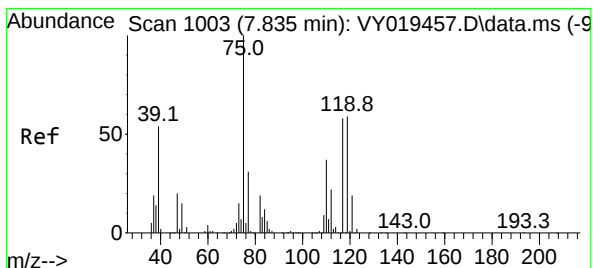
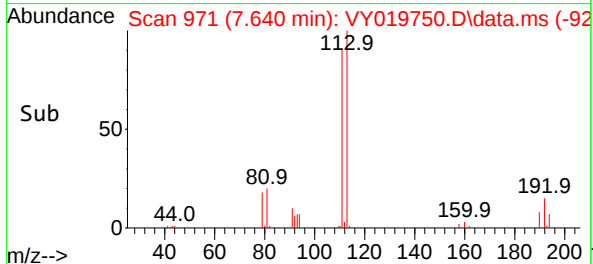
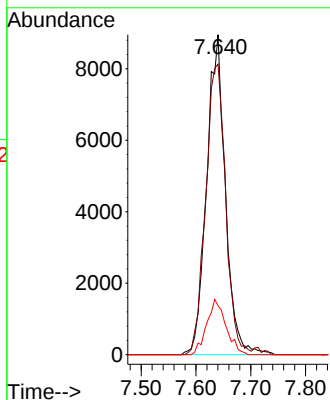
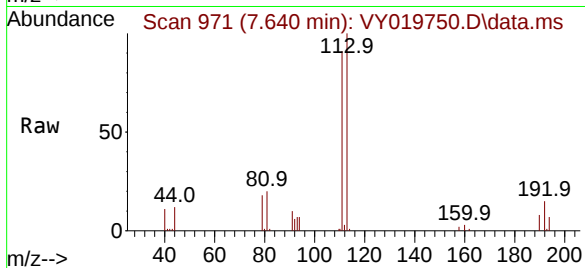
Tgt Ion:113 Resp: 21251

Ion Ratio Lower Upper

113 100

111 96.7 82.2 123.4

192 17.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 6.784 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

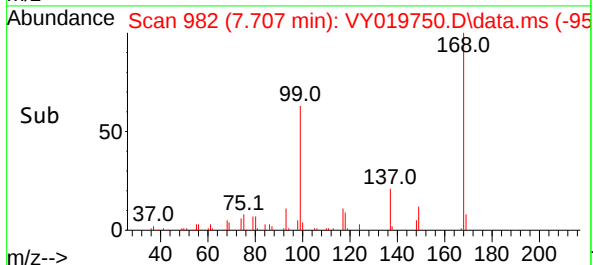
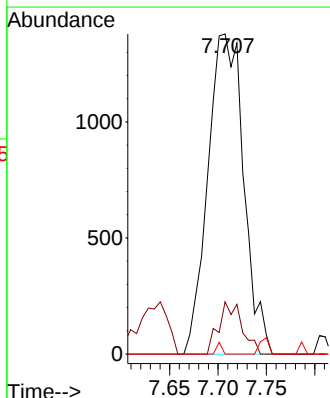
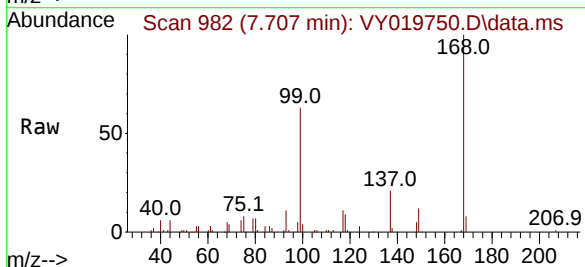
Tgt Ion: 75 Resp: 3549

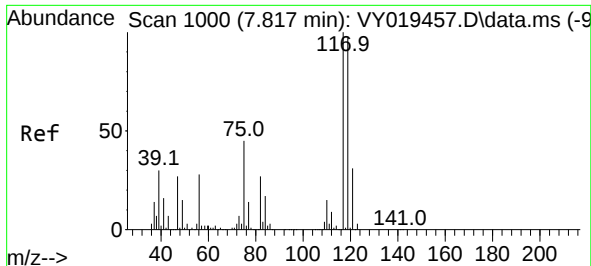
Ion Ratio Lower Upper

75 100

110 10.5 19.0 57.0#

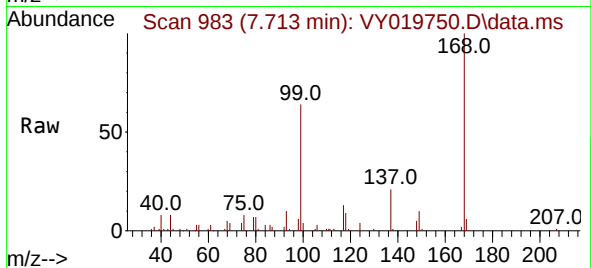
77 0.5 25.3 37.9#



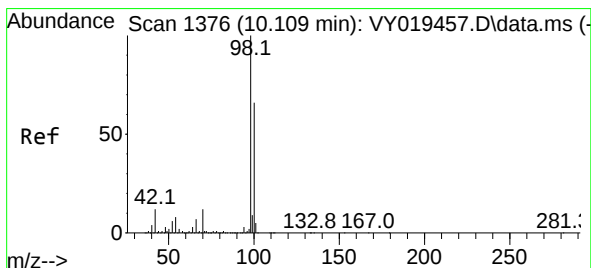
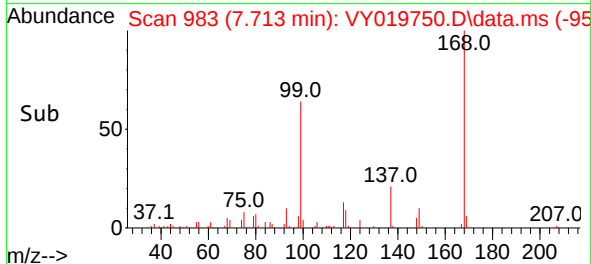
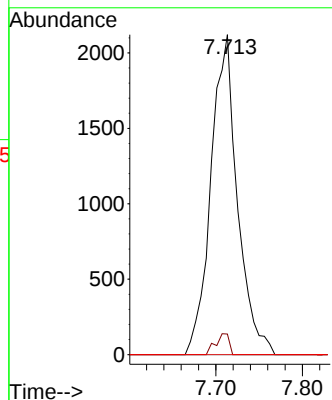


#38
Carbon Tetrachloride
Concen: 7.650 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Instrument :
MSVOA_Y
ClientSampleId :

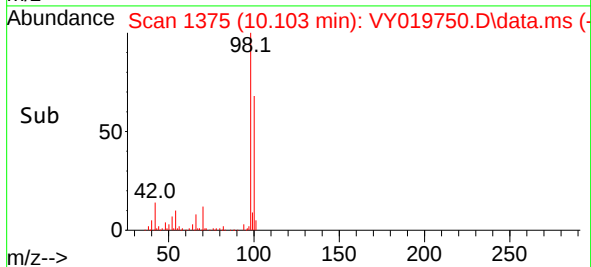
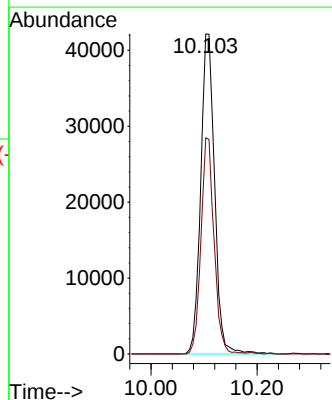
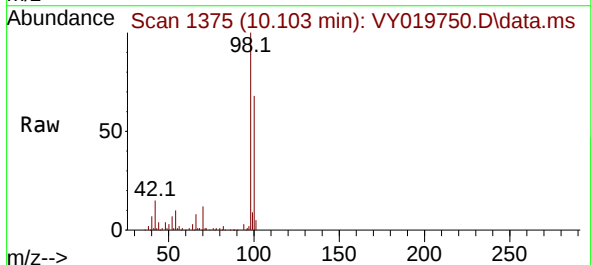


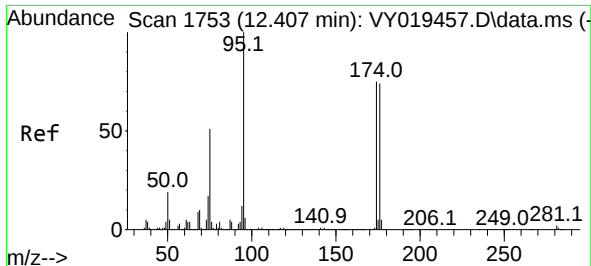
Tgt Ion:117 Resp: 4513
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.037 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 98 Resp: 76841
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

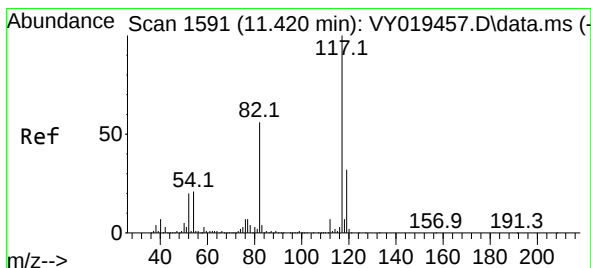
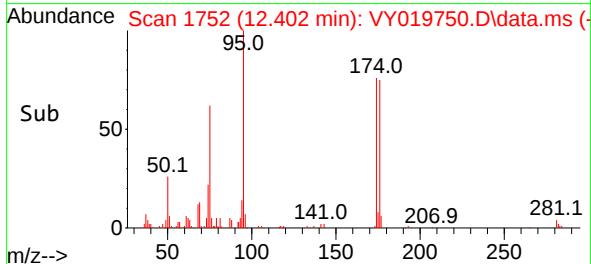
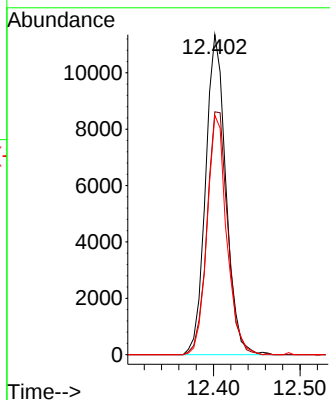
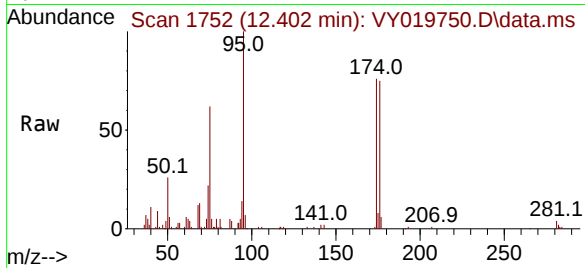




#62
4-Bromofluorobenzene
Concen: 33.793 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

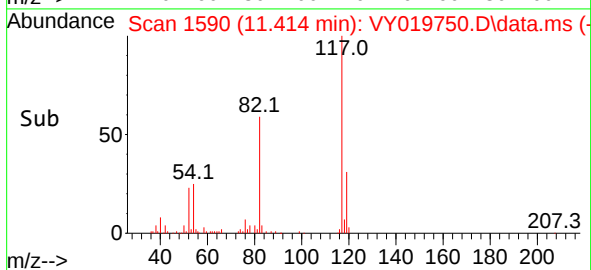
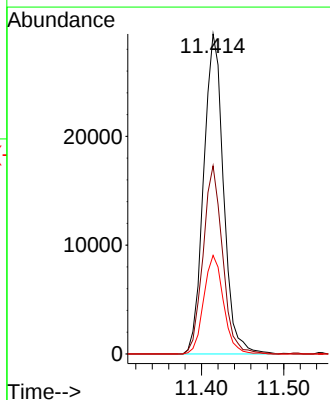
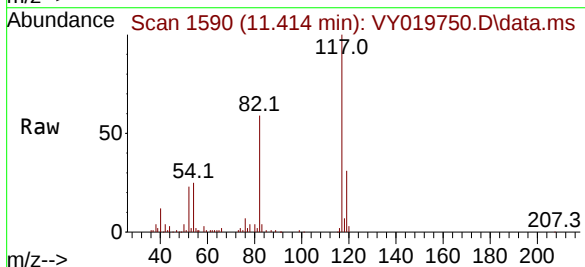
Instrument :
MSVOA_Y
ClientSampleId :

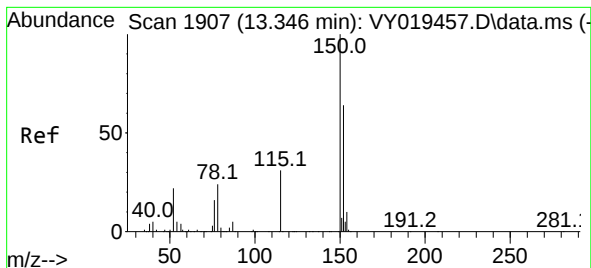
Tgt Ion: 95 Resp: 18477
Ion Ratio Lower Upper
95 100
174 77.4 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Tgt Ion: 117 Resp: 49391
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019750.D

Acq: 01 Oct 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

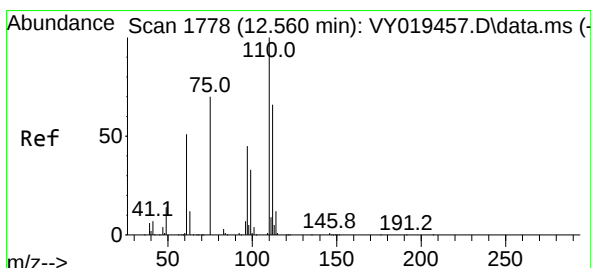
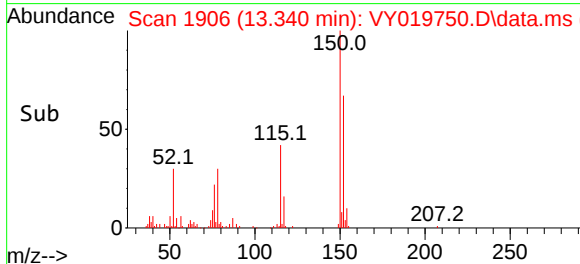
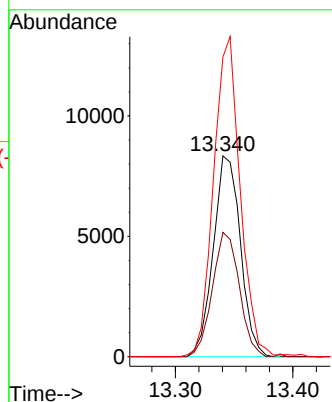
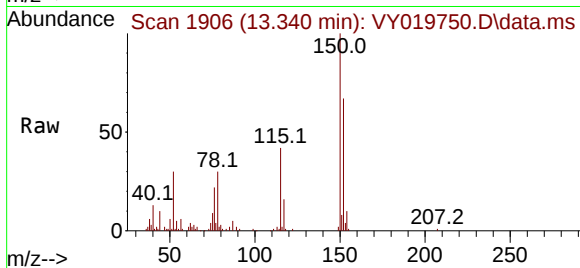
Tgt Ion:152 Resp: 13373

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 155.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 86.745 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019750.D

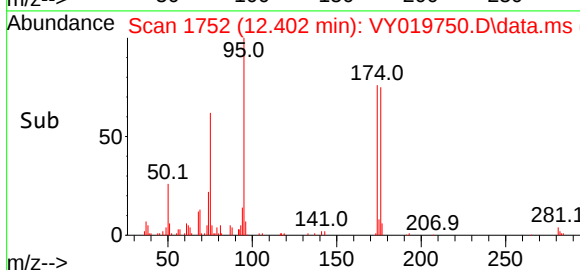
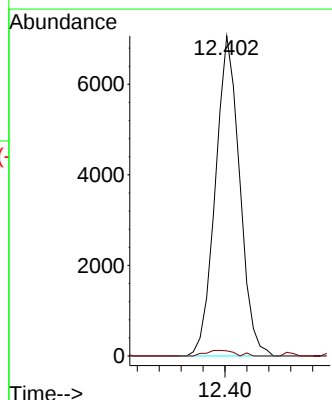
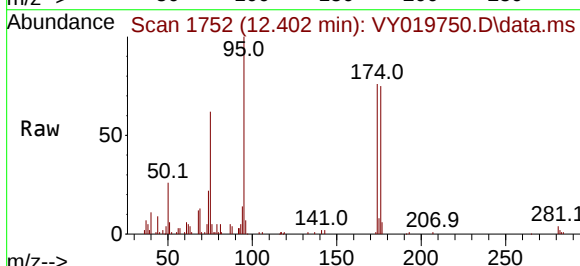
Acq: 01 Oct 2024 18:45

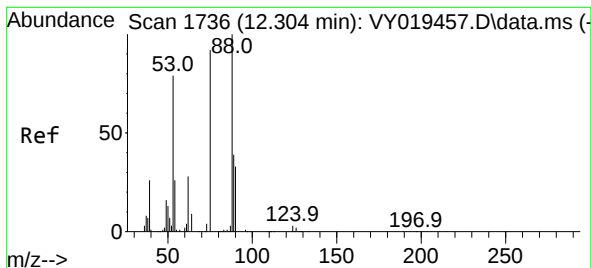
Tgt Ion: 75 Resp: 10873

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#

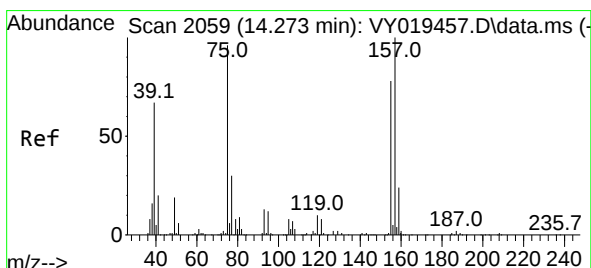
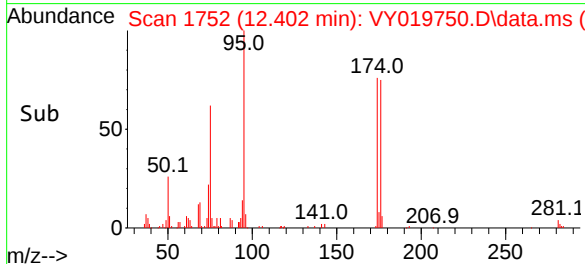
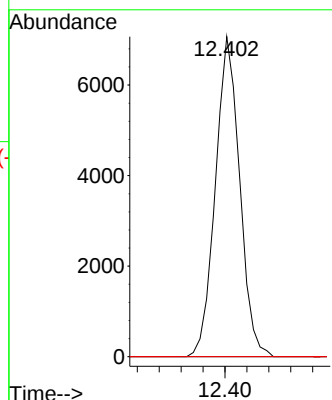
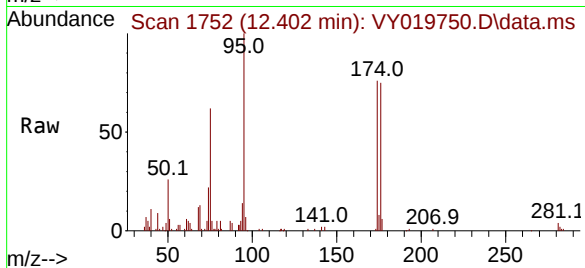




#81
trans-1,4-Dichloro-2-butene
Concen: 166.526 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

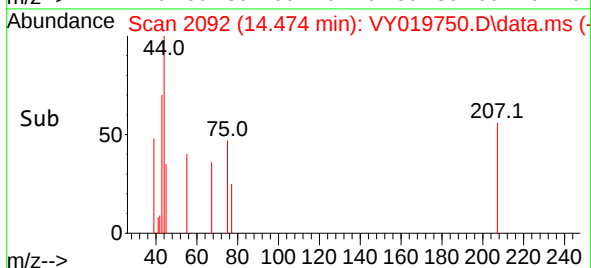
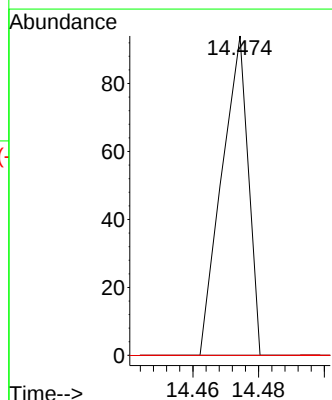
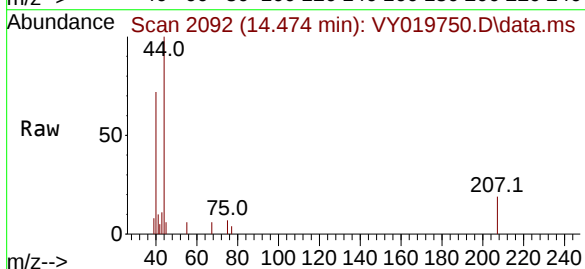
Instrument :
MSVOA_Y
ClientSampleId :

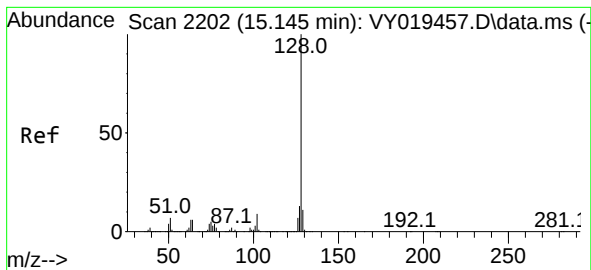
Tgt Ion: 75 Resp: 10873
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.847 ug/l
RT: 14.474 min Scan# 2092
Delta R.T. 0.202 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

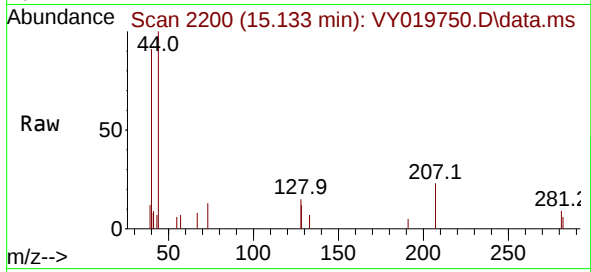
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 1.197 ug/l
RT: 15.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY019750.D
Acq: 01 Oct 2024 18:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

