

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019742.D
 Acq On : 01 Oct 2024 15:37
 Operator : SY/MD
 Sample : P4198-27
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 17:09:19 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)

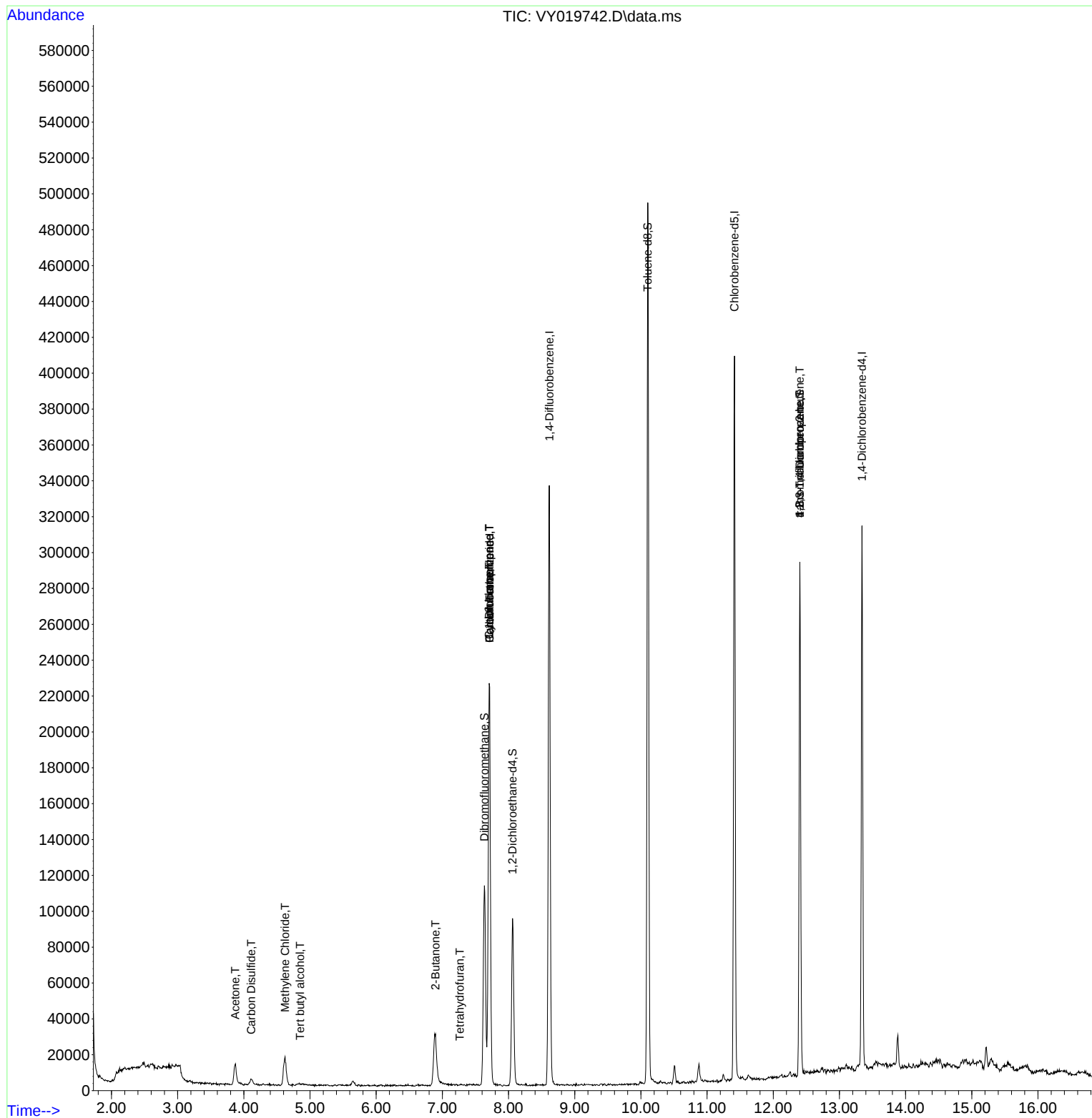
Internal Standards						
1) Pentafluorobenzene	7.713	168	167108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	279811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	209590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	70215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74353	48.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.634	113	81603	51.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.103	98	319256	54.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.401	95	88875	39.390	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	40	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	1491	11.931	ug/l #	86
13) Acrolein	3.653	56	82	Below Cal	#	1
16) Acetone	3.873	43	20157	54.679	ug/l #	79
17) Carbon Disulfide	4.110	76	4503	1.124	ug/l	99
20) Methylene Chloride	4.622	84	11487	6.833	ug/l	88
25) 2-Butanone	6.896	43	7009	13.368	ug/l #	72
29) Tetrahydrofuran	7.262	42	422	1.324	ug/l #	31
31) Cyclohexane	7.707	56	4435	1.601	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	14037	6.502	ug/l #	49
38) Carbon Tetrachloride	7.713	117	17774	7.301	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	47500	72.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	47500	138.556	ug/l #	16

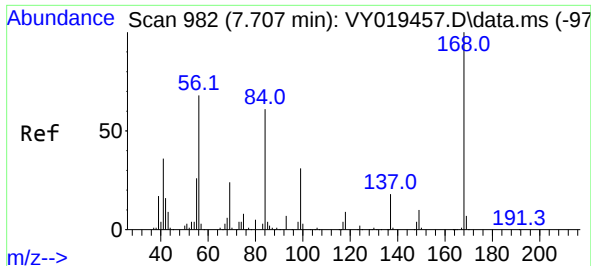
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
Data File : VY019742.D
Acq On : 01 Oct 2024 15:37
Operator : SY/MD
Sample : P4198-27
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

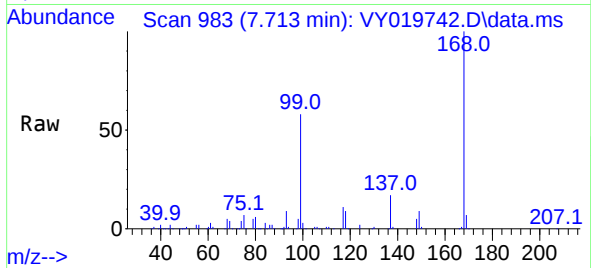
Quant Time: Oct 01 17:09:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration



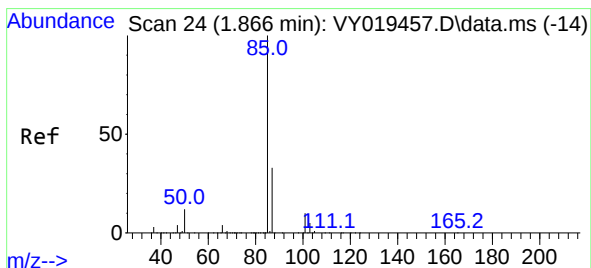
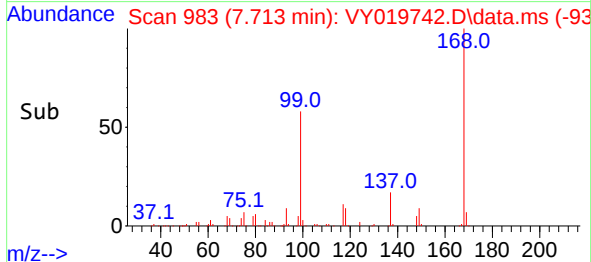
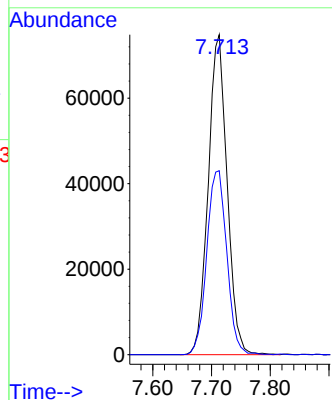


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

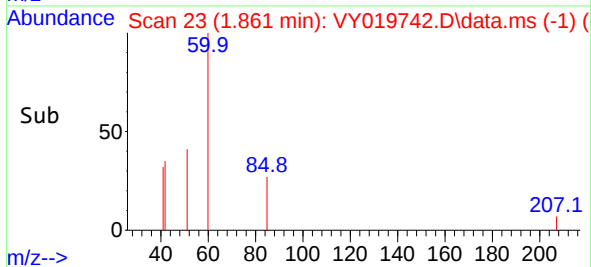
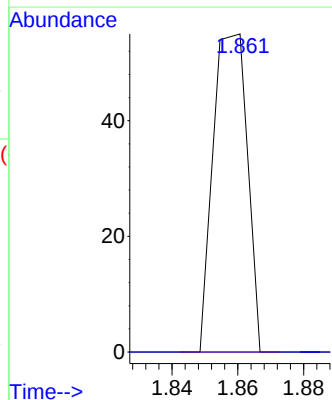
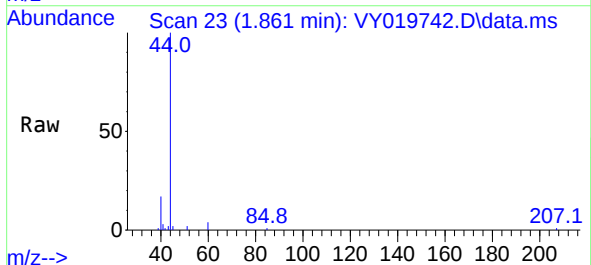


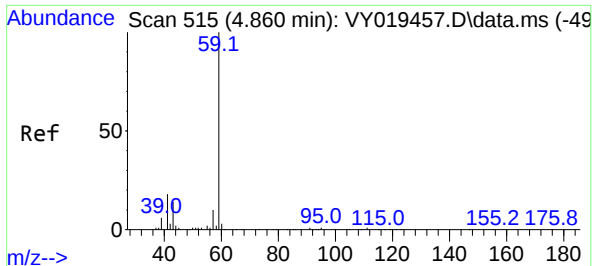
Tgt Ion:168 Resp: 167108
Ion Ratio Lower Upper
168 100
99 57.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion: 85 Resp: 40
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

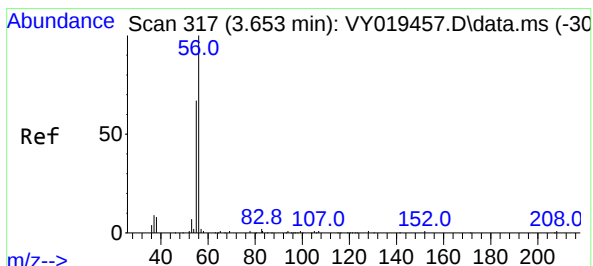
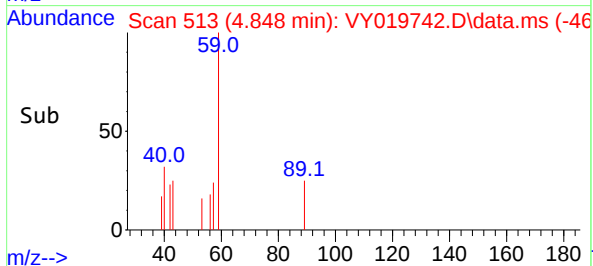
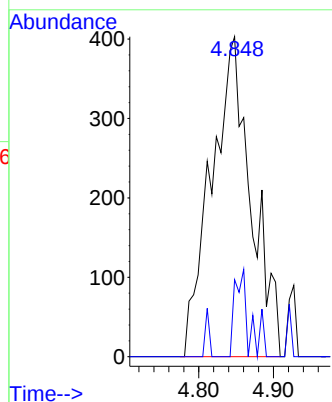
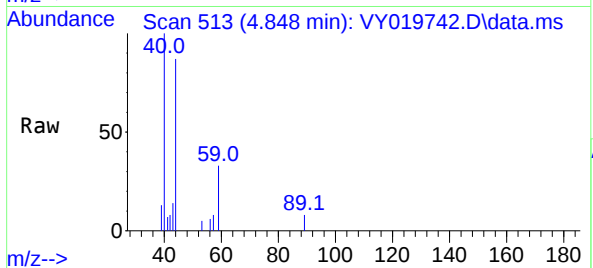




#11
Tert butyl alcohol
Concen: 11.931 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

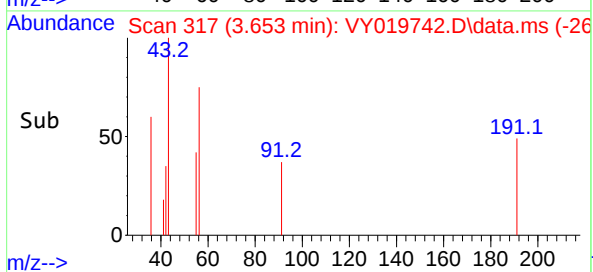
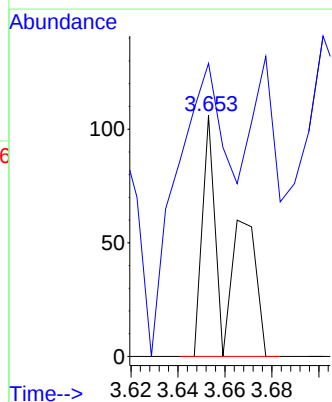
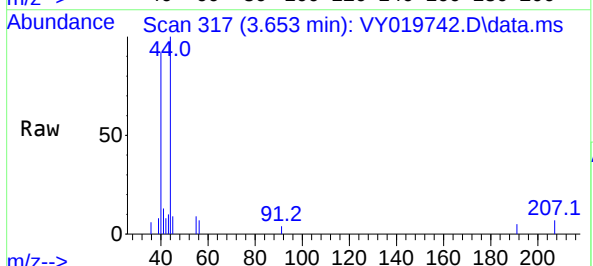
Instrument :
MSVOA_Y
ClientSampleId :

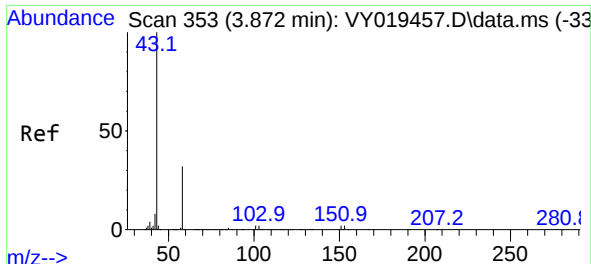
Tgt Ion: 59 Resp: 1491
Ion Ratio Lower Upper
59 100
57 8.3 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 248.8 55.7 83.5#

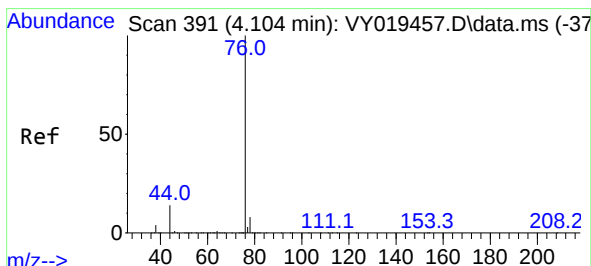
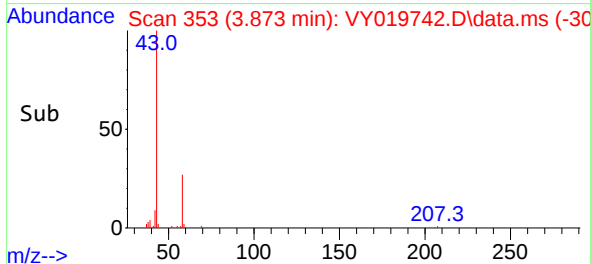
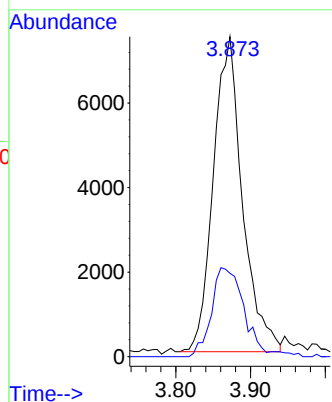
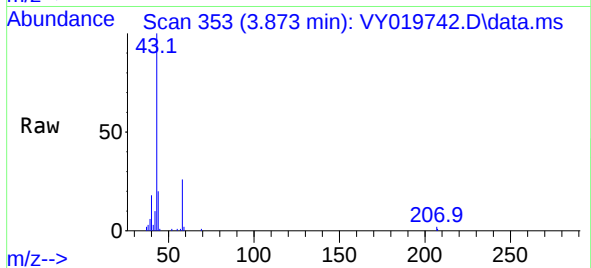




#16
Acetone
Concen: 54.679 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

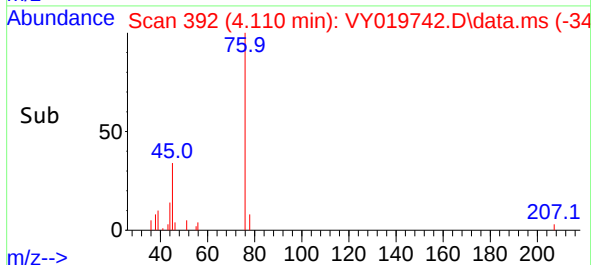
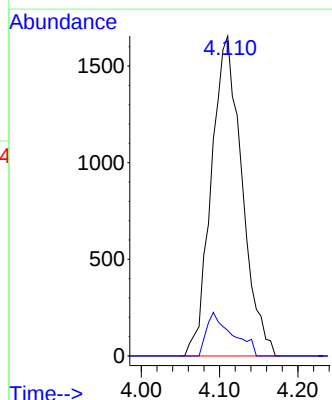
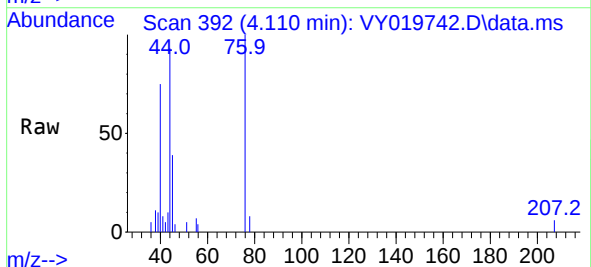
Instrument :
MSVOA_Y
ClientSampleId :

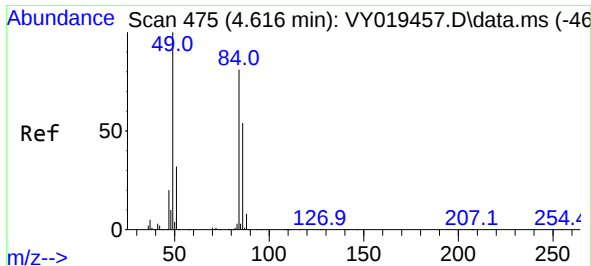
Tgt Ion: 43 Resp: 20157
Ion Ratio Lower Upper
43 100
58 26.5 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.124 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

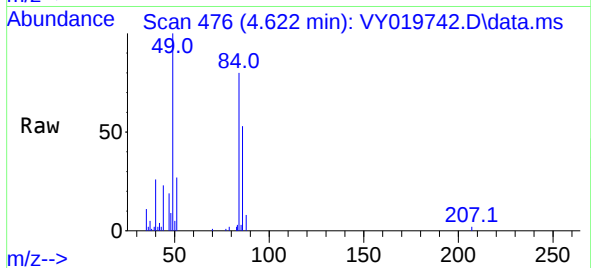
Tgt Ion: 76 Resp: 4503
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2





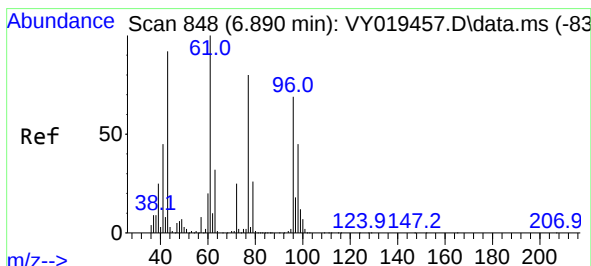
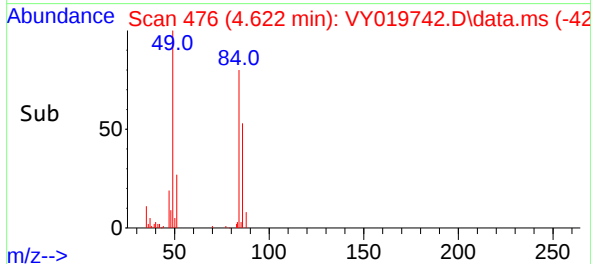
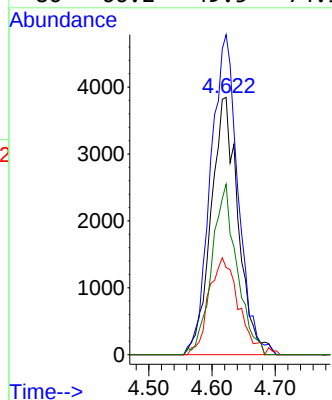
#20
Methylene Chloride
Concen: 6.833 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 11487

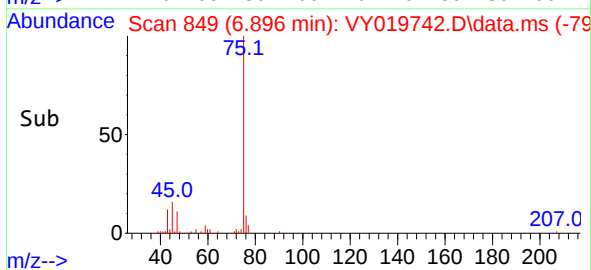
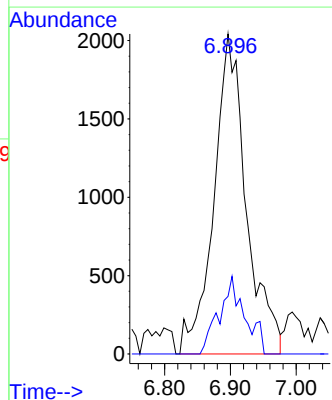
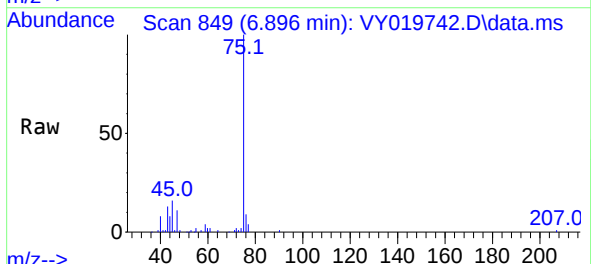
Ion	Ratio	Lower	Upper
84	100		
49	124.4	84.4	126.6
51	33.9	26.0	39.0
86	66.2	49.5	74.3

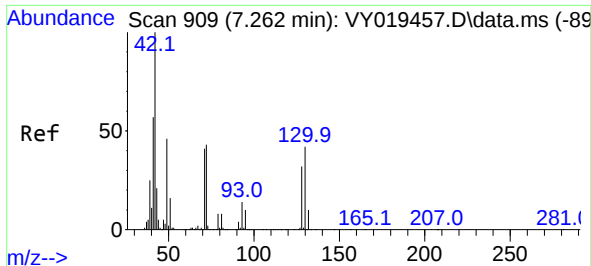


#25
2-Butanone
Concen: 13.368 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion: 43 Resp: 7009

Ion	Ratio	Lower	Upper
43	100		
72	18.0	27.3	40.9#

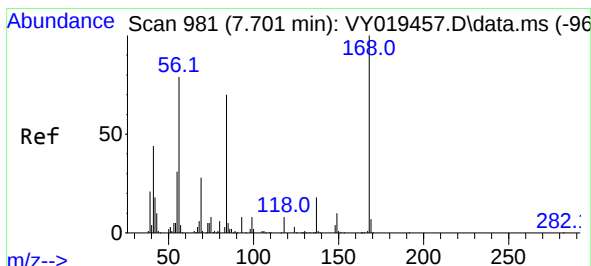
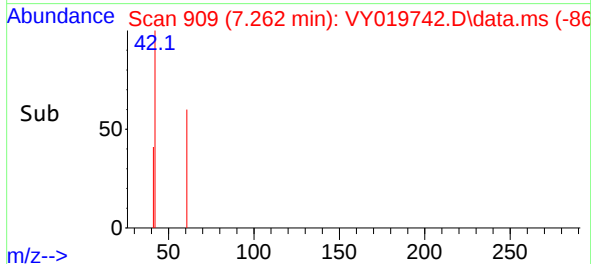
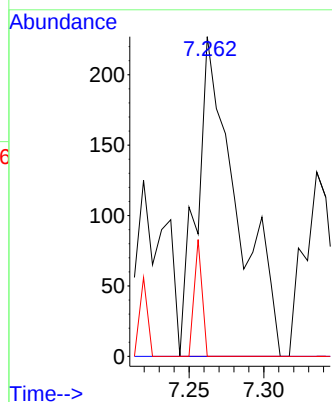
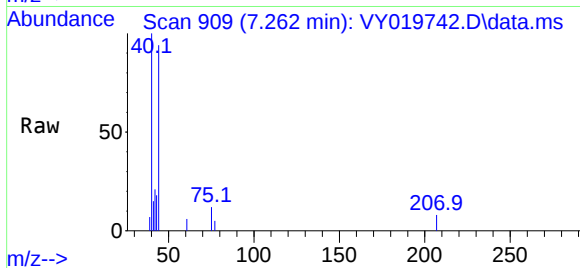




#29
Tetrahydrofuran
Concen: 1.324 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

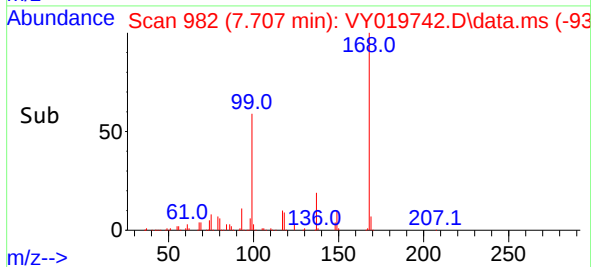
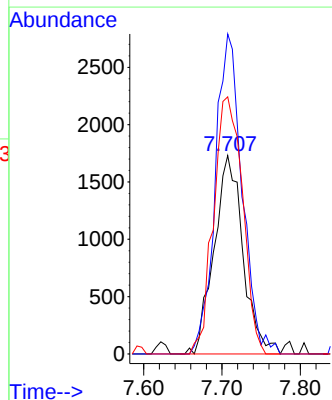
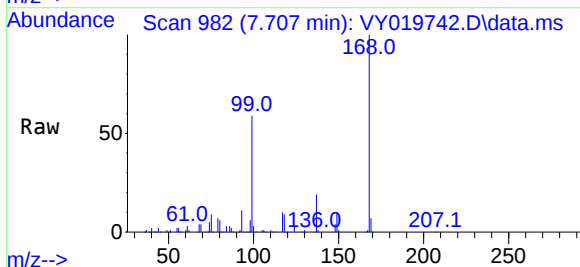
Instrument :
MSVOA_Y
ClientSampleId :

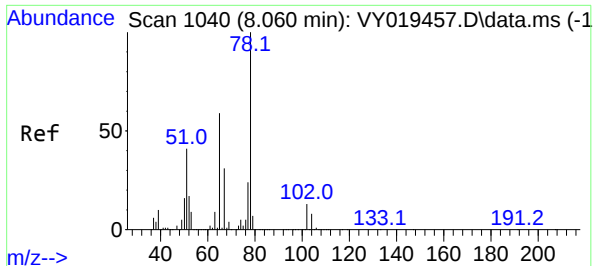
Tgt Ion:	42	Resp:	422
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	7.1	40.8	61.2#



#31
Cyclohexane
Concen: 1.601 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion:	56	Resp:	4435
Ion	Ratio	Lower	Upper
56	100		
69	161.2	28.7	43.1#
84	129.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 48.051 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019742.D

Acq: 01 Oct 2024 15:37

Instrument :

MSVOA_Y

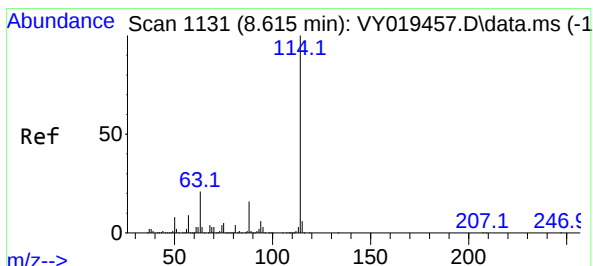
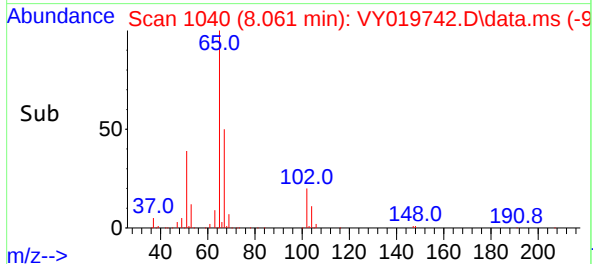
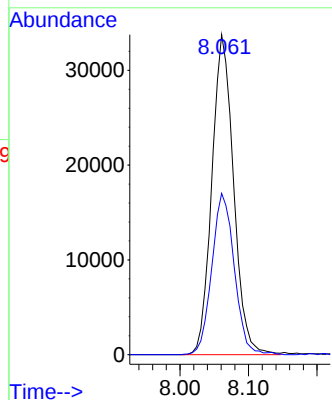
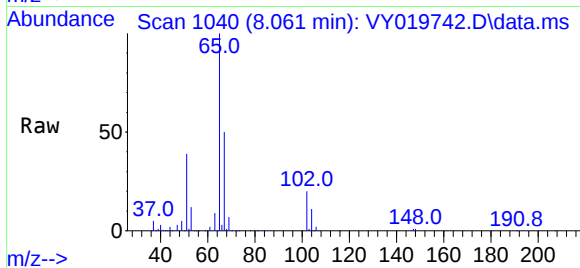
ClientSampleId :

Tgt Ion: 65 Resp: 74353

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019742.D

Acq: 01 Oct 2024 15:37

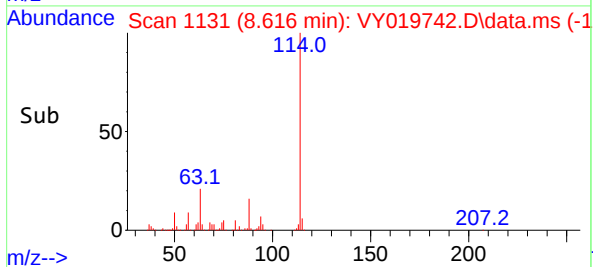
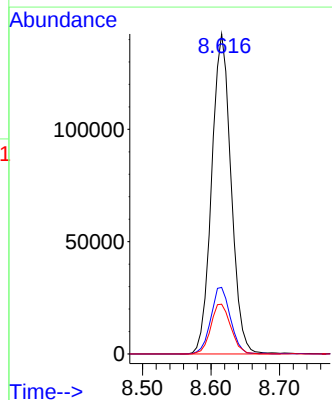
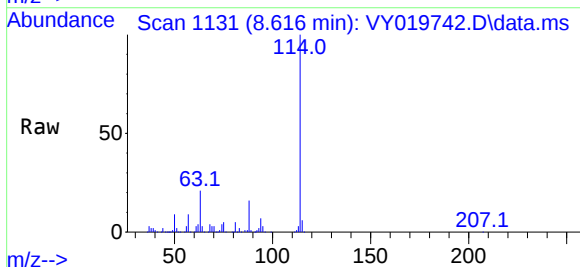
Tgt Ion:114 Resp: 279811

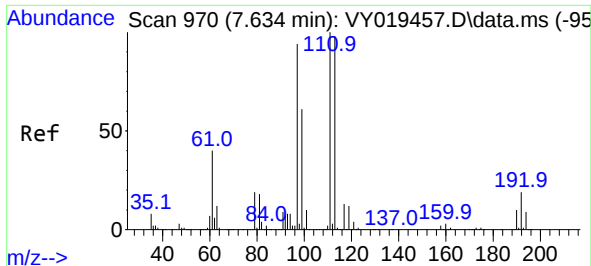
Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

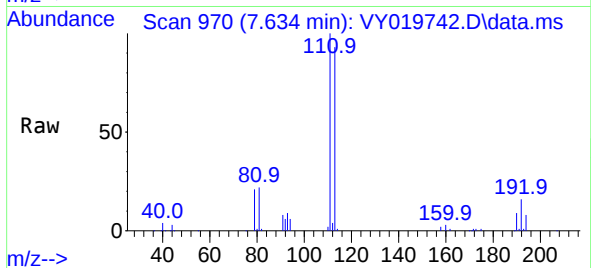
88 15.5 0.0 27.2



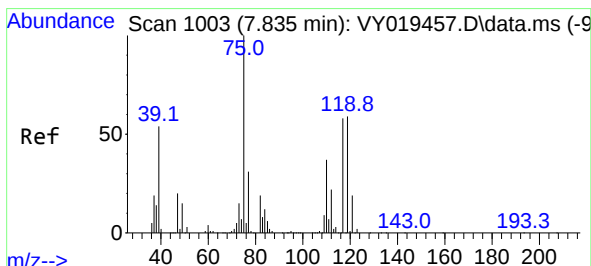
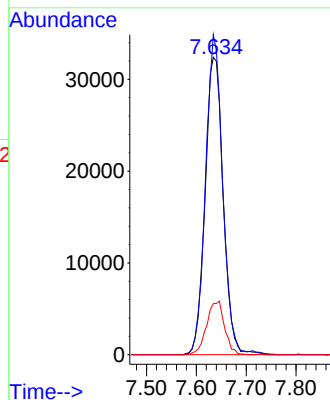
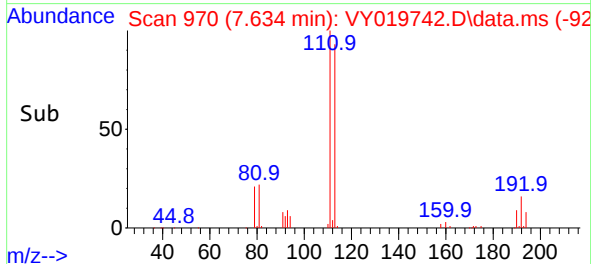


#35
Dibromofluoromethane
Concen: 51.437 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

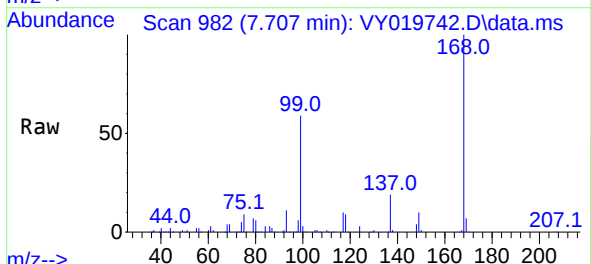
Instrument :
MSVOA_Y
ClientSampleId :



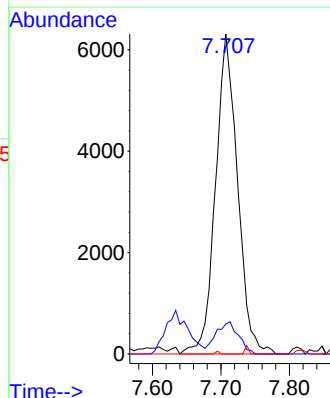
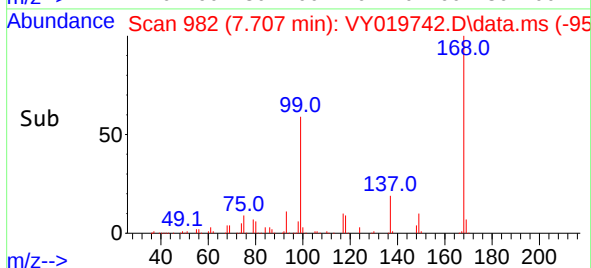
Tgt Ion:113 Resp: 81603
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.8 15.9 23.9

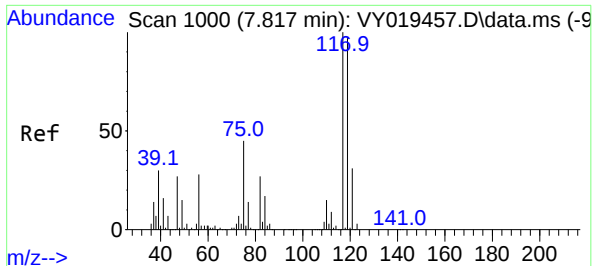


#36
1,1-Dichloropropene
Concen: 6.502 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37



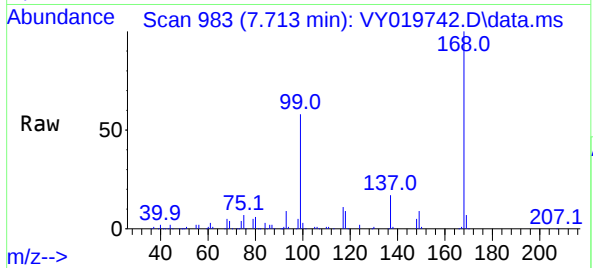
Tgt Ion: 75 Resp: 14037
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.1 25.3 37.9#



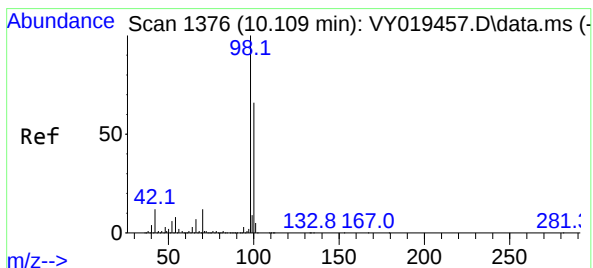
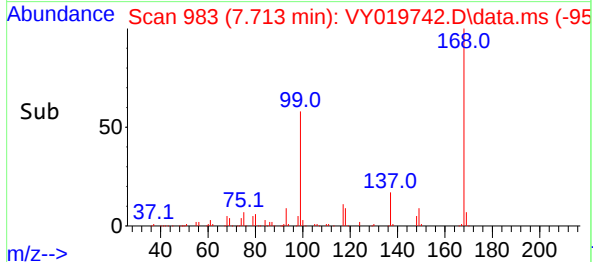
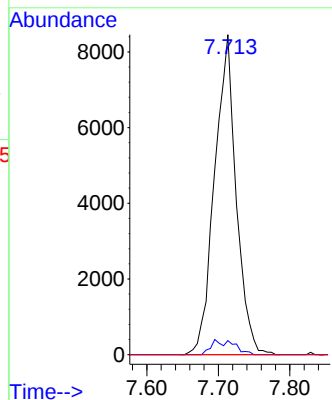


#38
Carbon Tetrachloride
Concen: 7.301 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

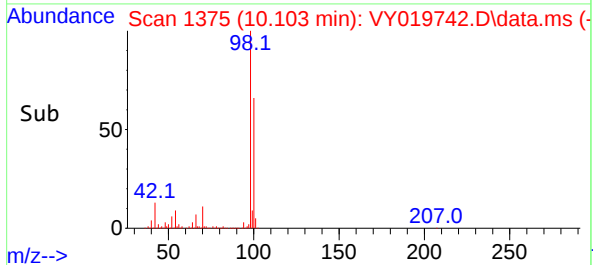
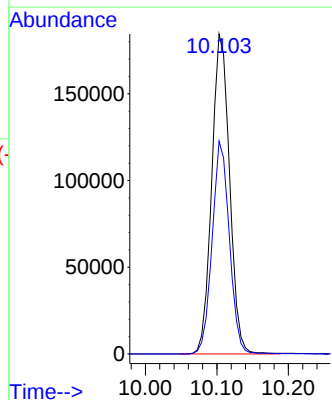
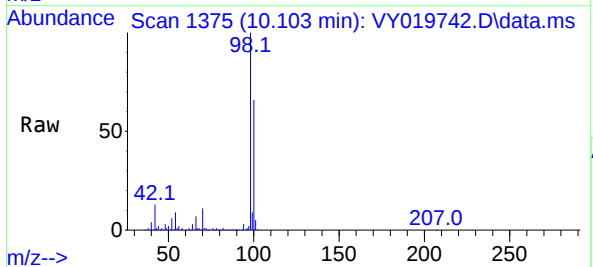


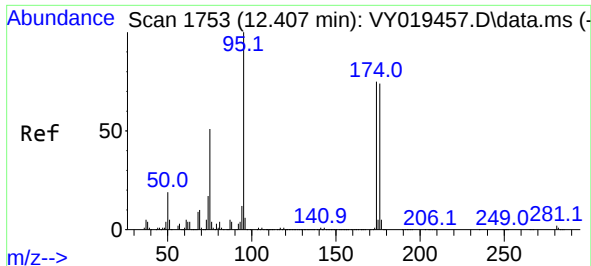
Tgt Ion:117 Resp: 17774
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.406 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion: 98 Resp: 319256
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

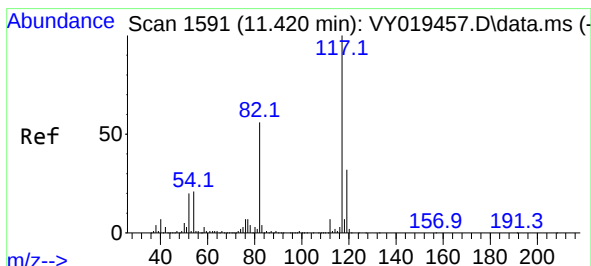
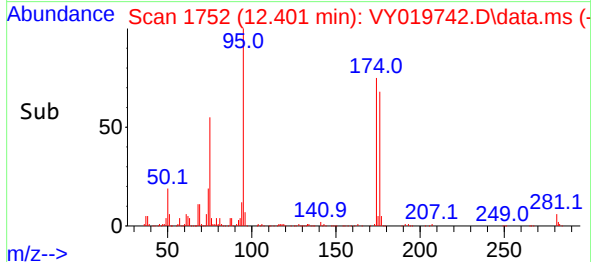
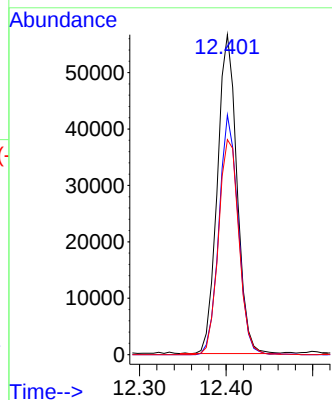
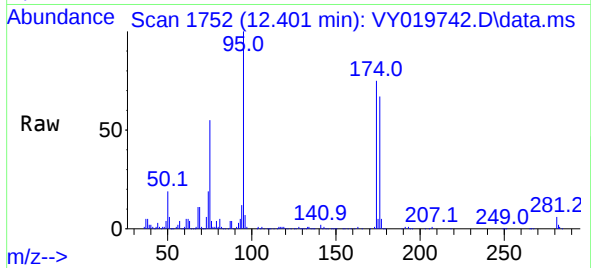




#62
4-Bromofluorobenzene
Concen: 39.390 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

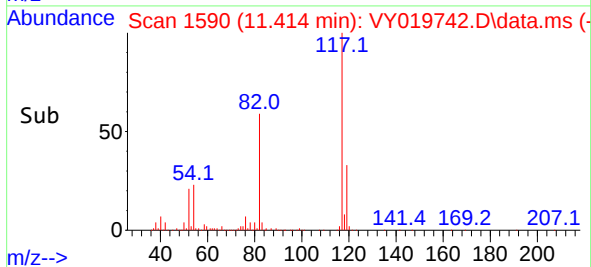
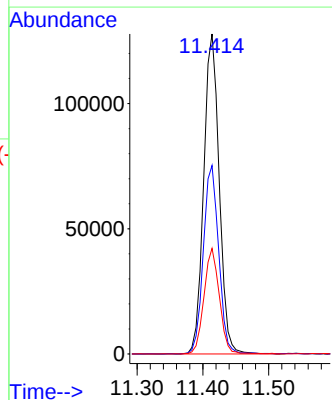
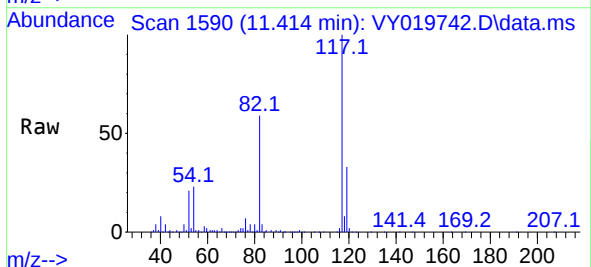
Instrument :
MSVOA_Y
ClientSampleId :

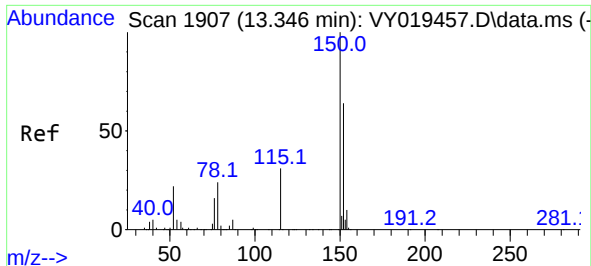
Tgt Ion:	95	Resp:	88875
Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	175.6
176	70.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Tgt Ion:	117	Resp:	209590
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	33.0	25.9	38.9

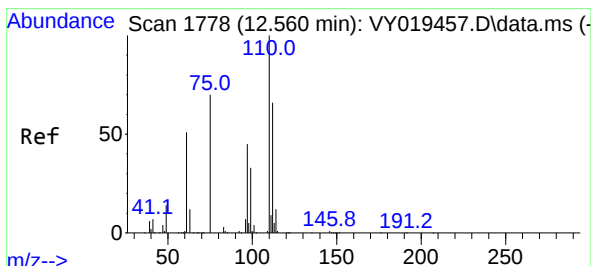
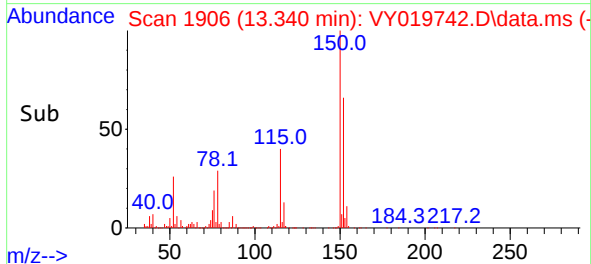
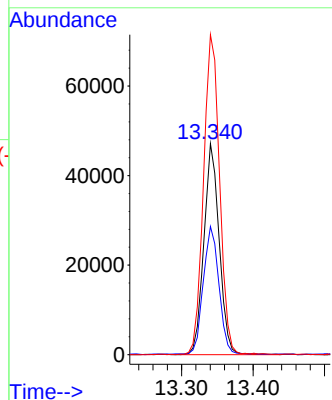
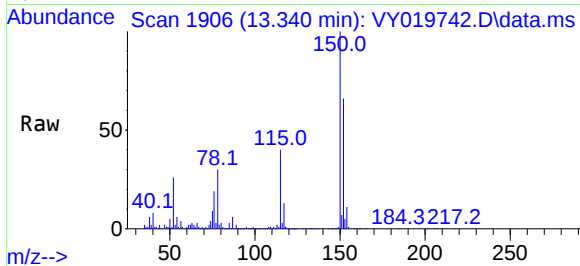




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY019742.D
 Acq: 01 Oct 2024 15:37

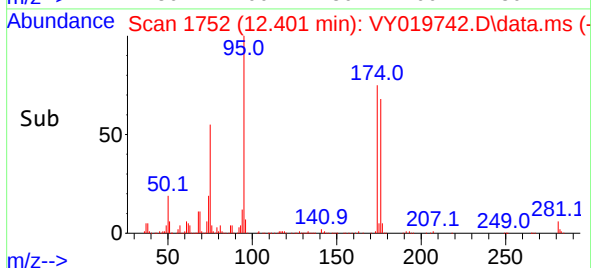
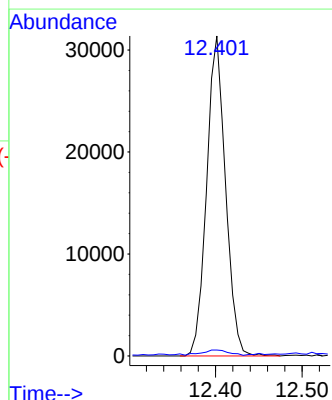
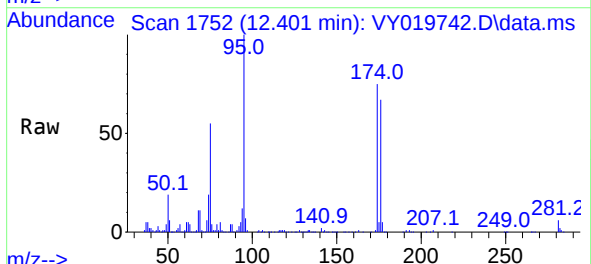
Instrument :
 MSVOA_Y
 ClientSampleId :

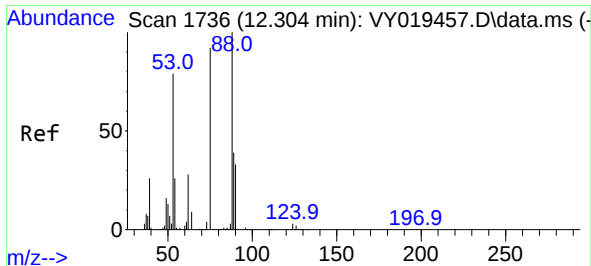
Tgt Ion:152 Resp: 70215
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.2 84.7
 150 158.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 72.175 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019742.D
 Acq: 01 Oct 2024 15:37

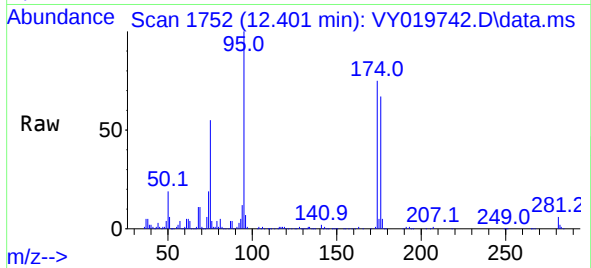
Tgt Ion: 75 Resp: 47500
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.556 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019742.D
Acq: 01 Oct 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 47500
Ion Ratio Lower Upper
75 100
53 0.5 66.8 100.2#
89 0.0 35.8 53.6#

