

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016898.D
 Acq On : 02 Jan 2024 16:44
 Operator : SY/MD
 Sample : 05933-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:20:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

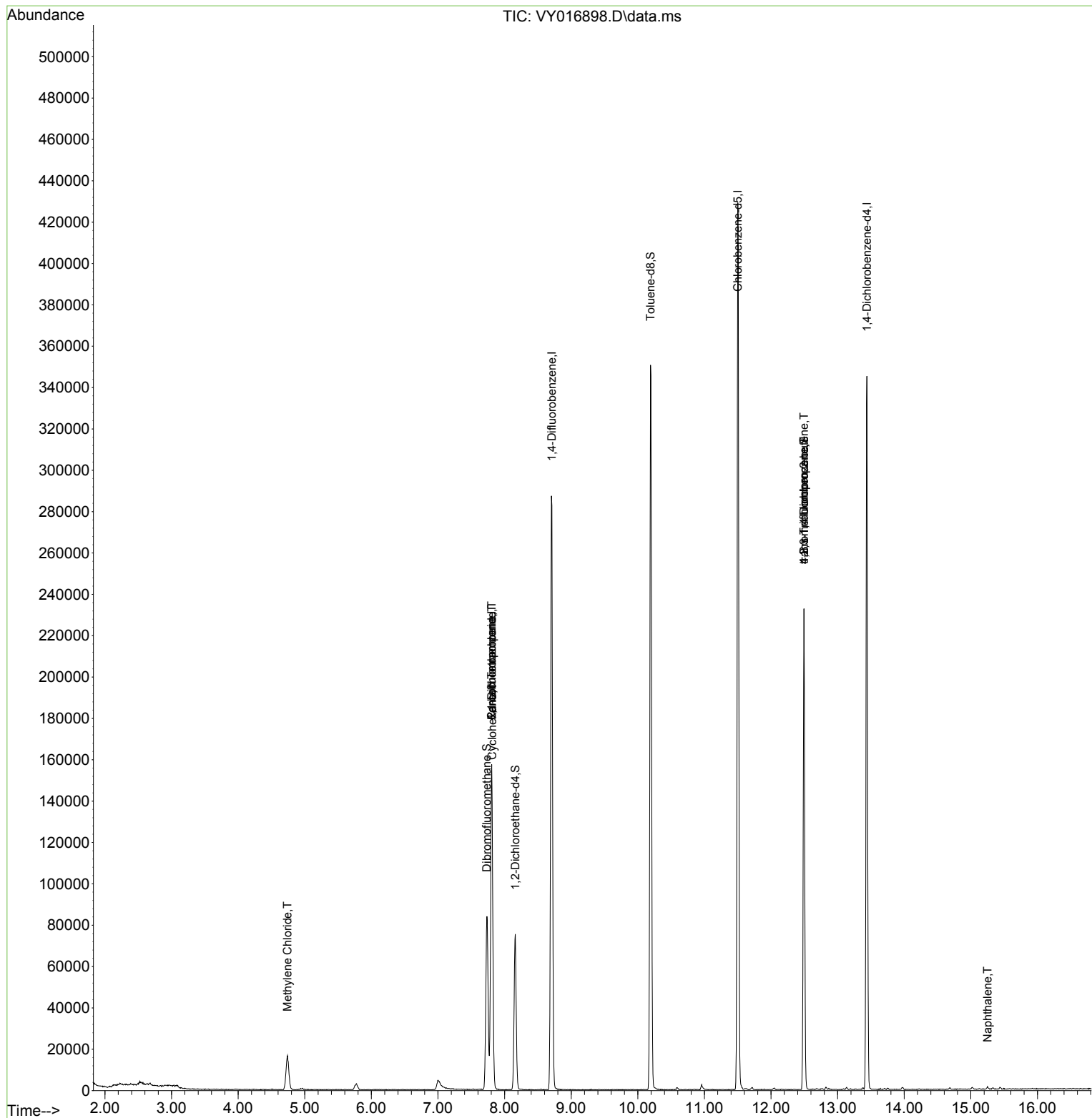
Internal Standards						
1) Pentafluorobenzene	7.807	168	119721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	250781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	235850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	87893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56743	47.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.900%
35) Dibromofluoromethane	7.734	113	61930	38.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.500%
50) Toluene-d8	10.191	98	232017	42.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.320%
62) 4-Bromofluorobenzene	12.495	95	70813	38.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.280%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	52	Below Cal	#	40
11) Tert butyl alcohol	4.966	59	273	Below Cal	#	75
13) Acrolein	3.759	56	47	Below Cal	#	15
16) Acetone	3.954	43	534	Below Cal		89
20) Methylene Chloride	4.741	84	12498	1.347	ug/l	95
25) 2-Butanone	6.996	43	136	Below Cal	#	48
31) Cyclohexane	7.813	56	2850	1.403	ug/l #	28
36) 1,1-Dichloropropene	7.807	75	10401	4.466	ug/l #	49
38) Carbon Tetrachloride	7.807	117	12073	5.102	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	37242	39.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37242	88.664	ug/l #	12
95) Naphthalene	15.251	128	1131	1.040	ug/l #	92

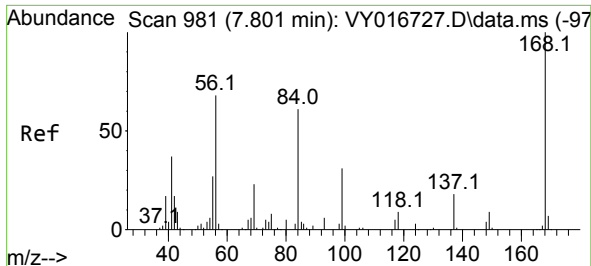
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
Data File : VY016898.D
Acq On : 02 Jan 2024 16:44
Operator : SY/MD
Sample : 05933-02RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

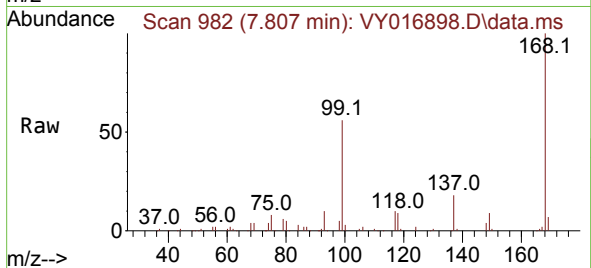
Quant Time: Jan 03 00:20:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



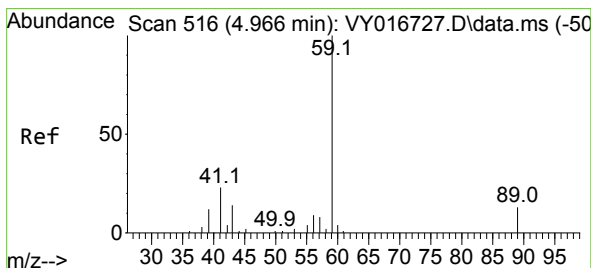
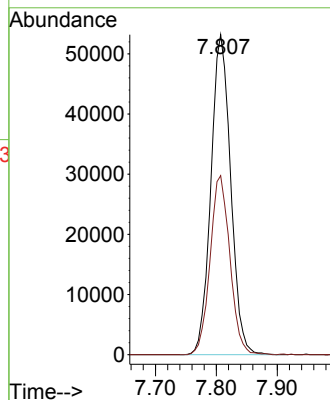
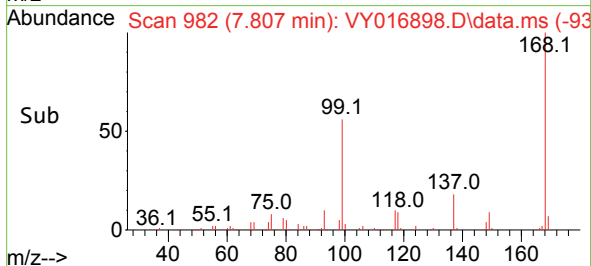


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :

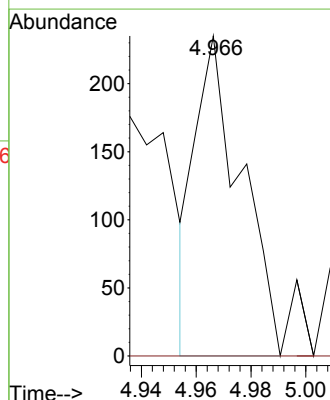
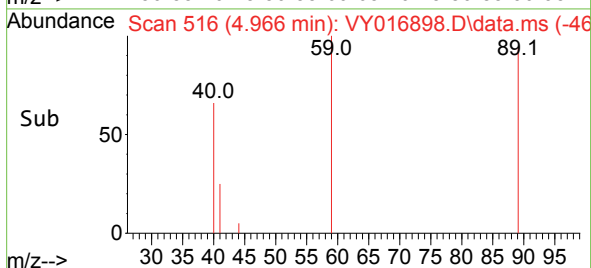
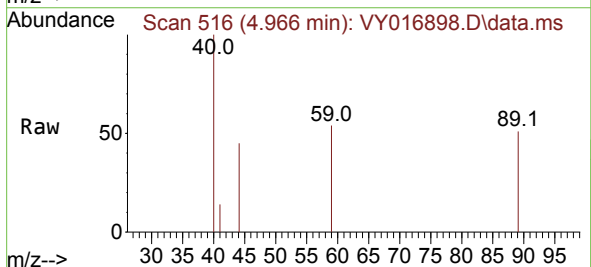


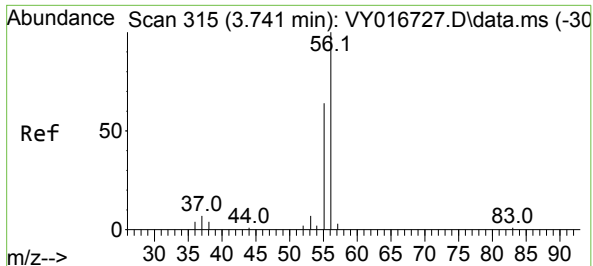
Tgt Ion:168 Resp: 119721
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

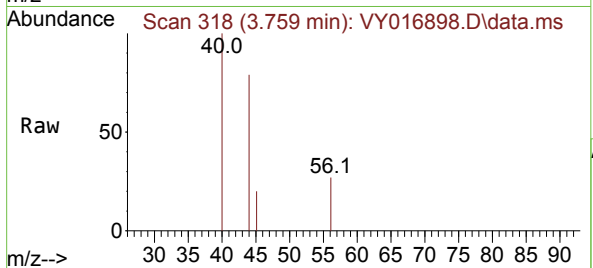
Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



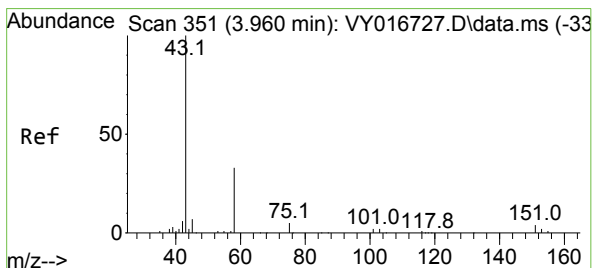
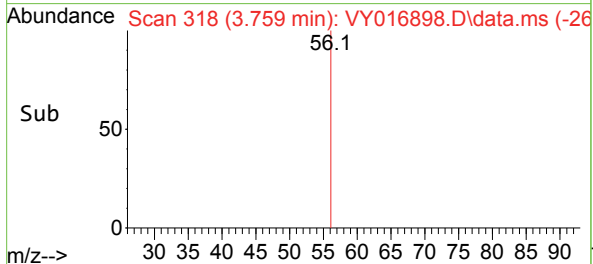
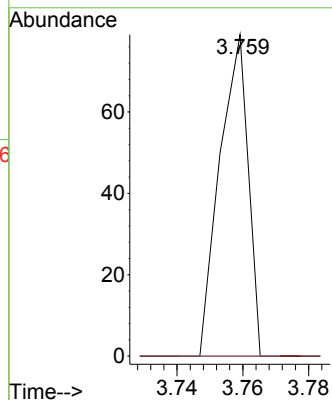


#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :

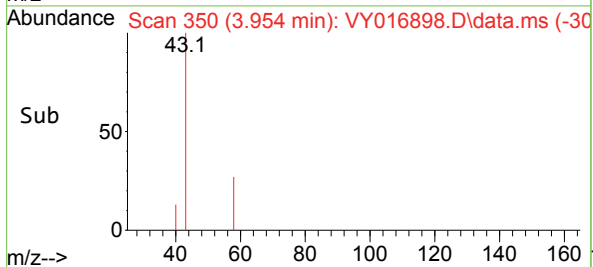
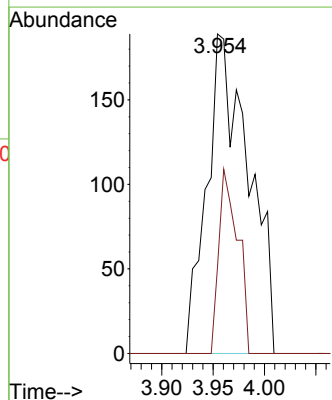
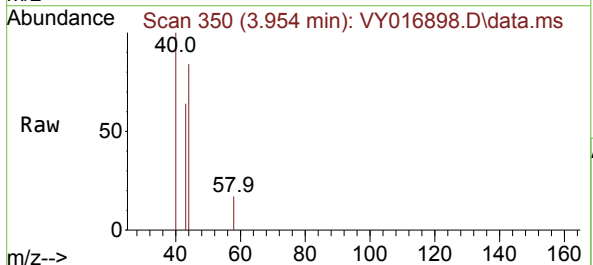


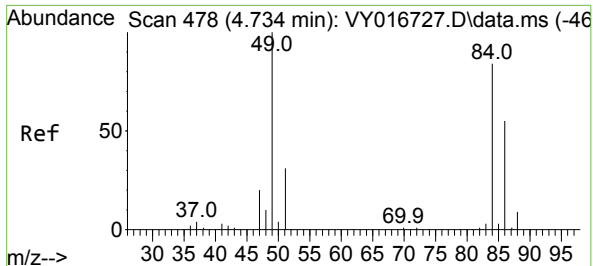
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

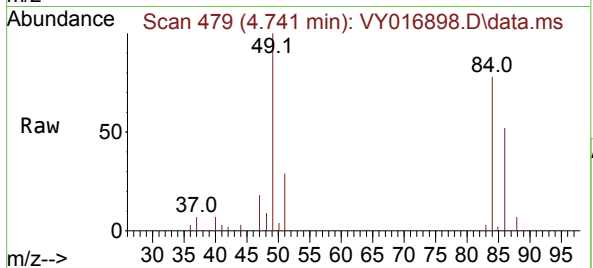
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 27.0 26.6 39.8



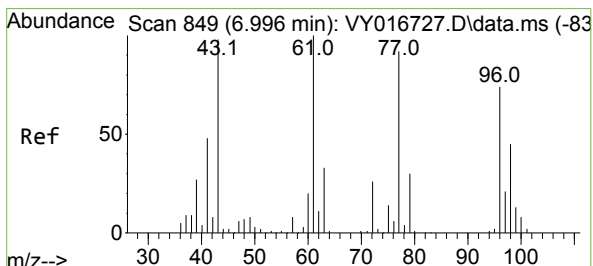
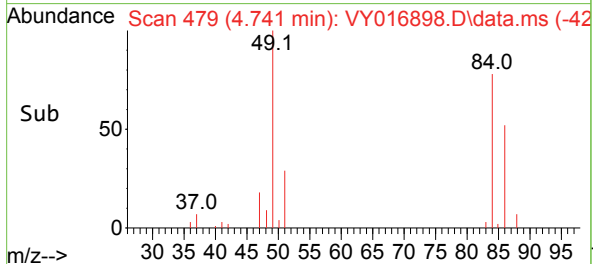
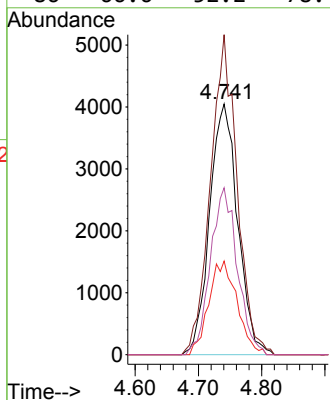


#20
Methylene Chloride
Concen: 1.347 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :

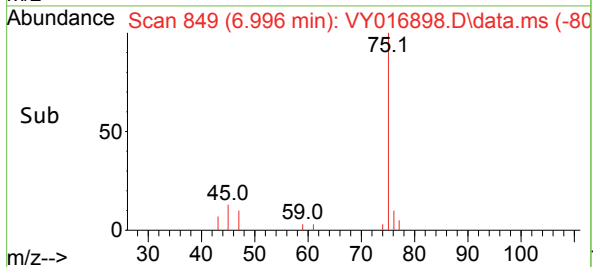
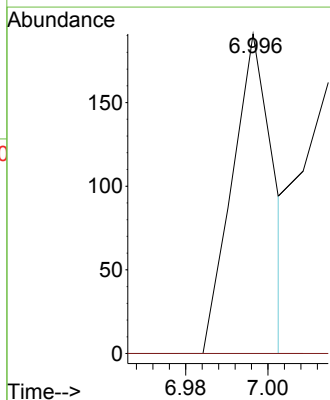
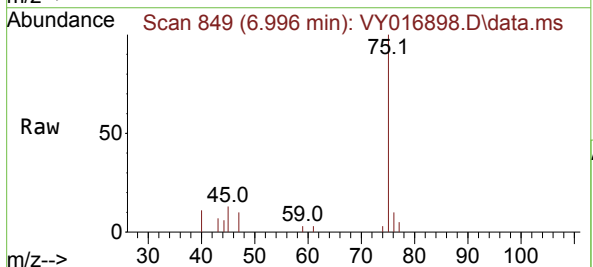


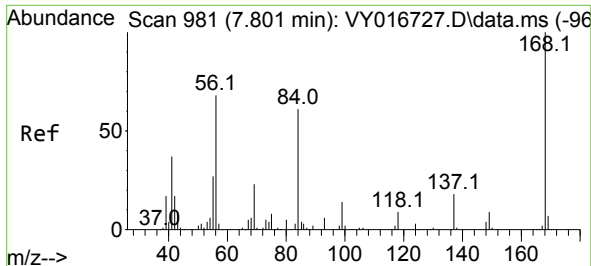
Tgt Ion: 84	Resp: 12498
Ion Ratio	Lower Upper
84 100	
49 127.7	95.2 142.8
51 37.4	29.9 44.9
86 66.6	52.2 78.4



#25
2-Butanone
Concen: Below Cal
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

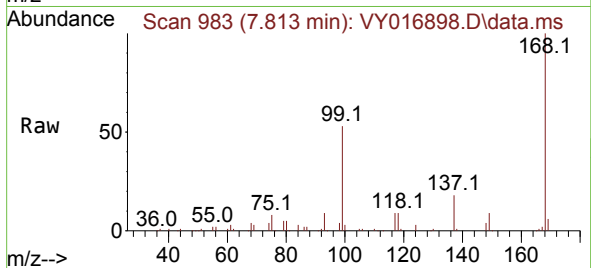
Tgt Ion: 43	Resp: 136
Ion Ratio	Lower Upper
43 100	
72 0.0	21.4 32.2#



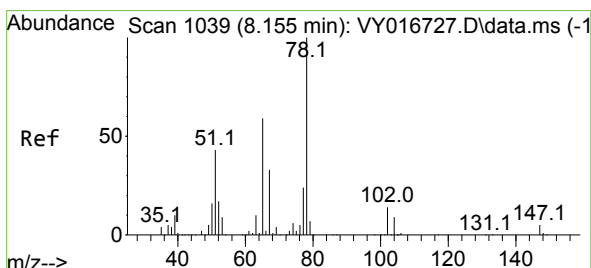
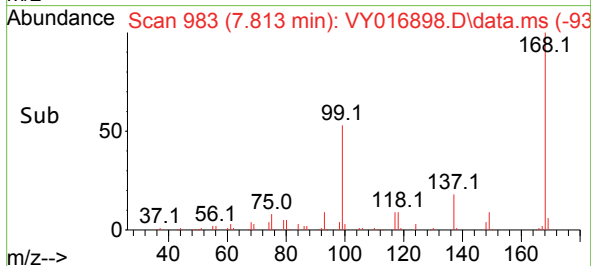
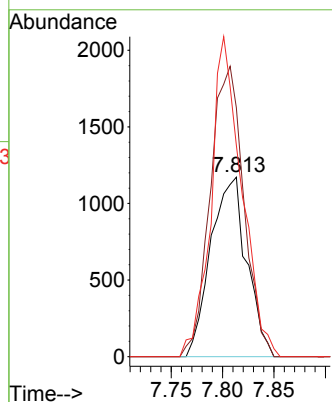


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :

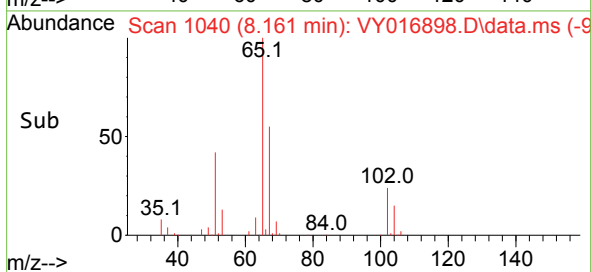
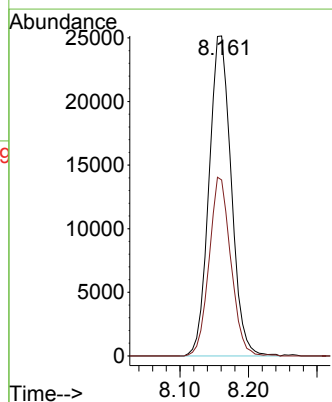
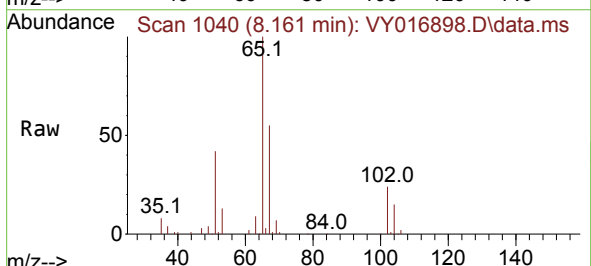


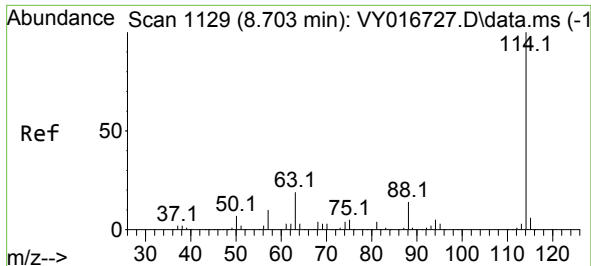
Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 138.7 27.0 40.6#
84 117.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.954 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Tgt Ion: 65 Resp: 56743
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016898.D

Acq: 02 Jan 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

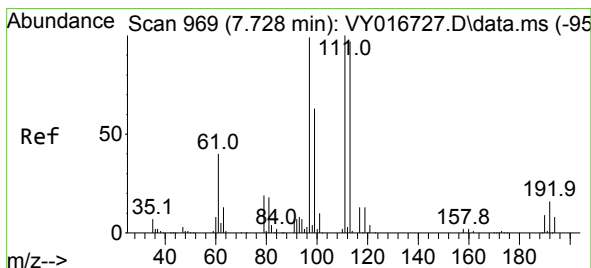
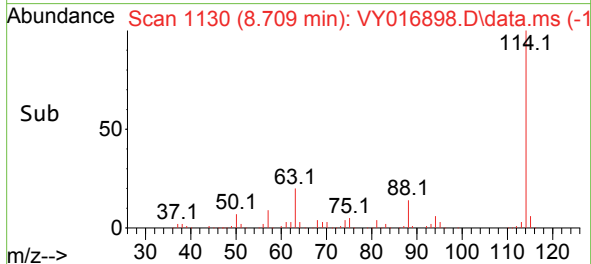
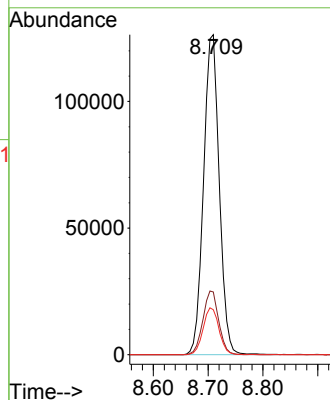
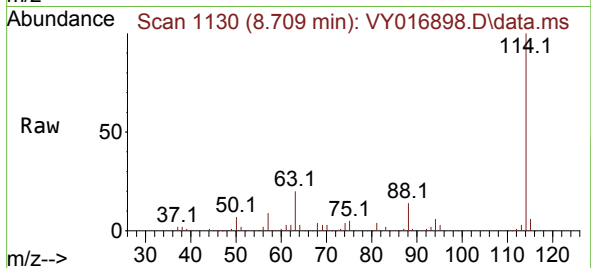
Tgt Ion:114 Resp: 250781

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.753 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016898.D

Acq: 02 Jan 2024 16:44

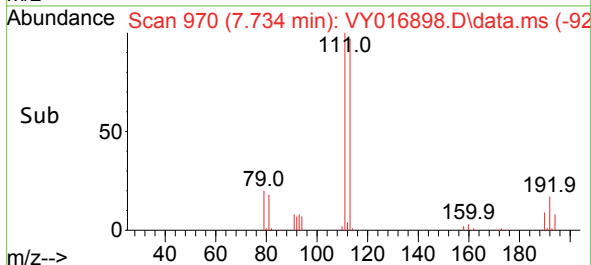
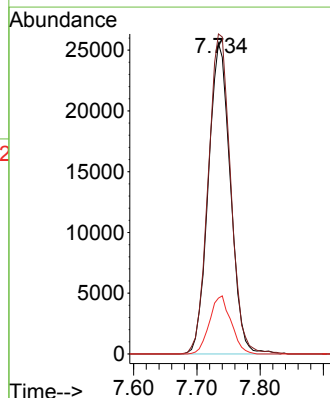
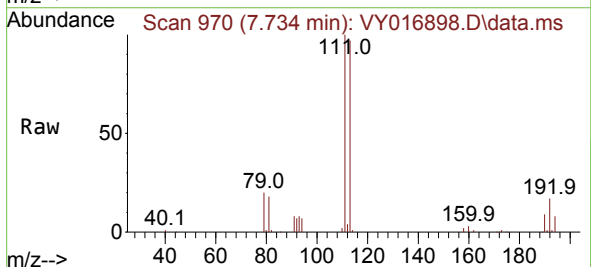
Tgt Ion:113 Resp: 61930

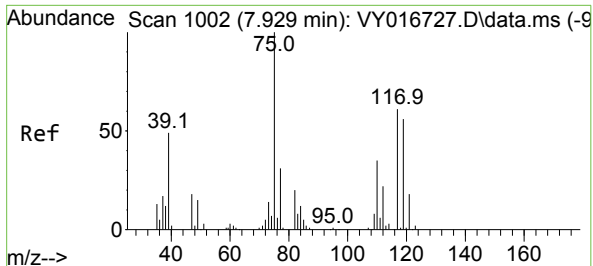
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

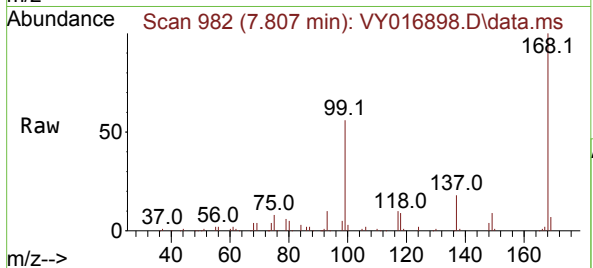
192 18.2 14.5 21.7



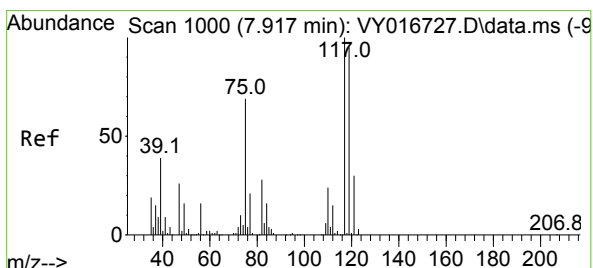
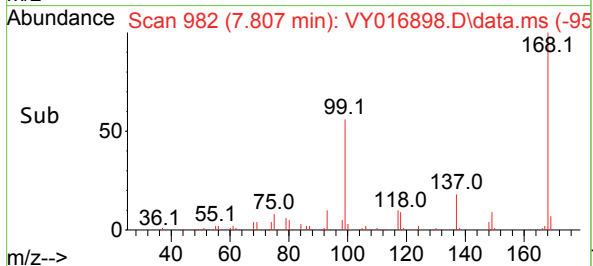
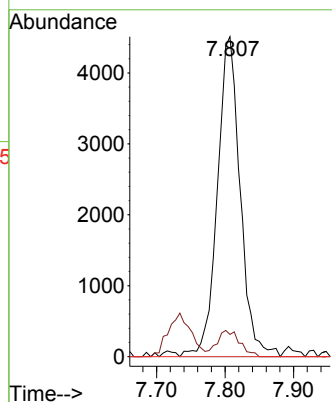


#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 7.807 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY016898.D
 Acq: 02 Jan 2024 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :

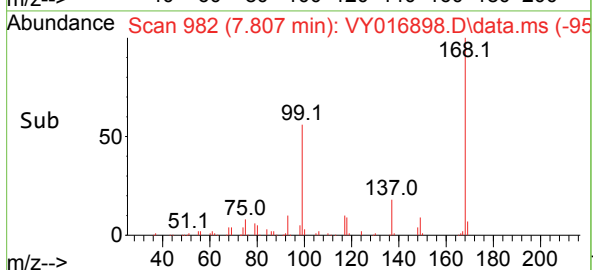
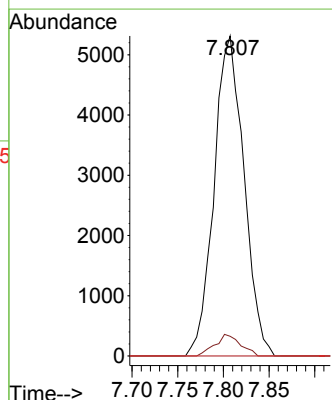
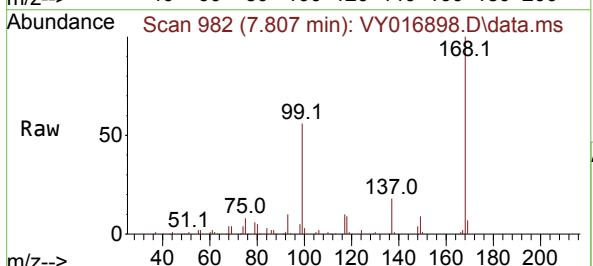


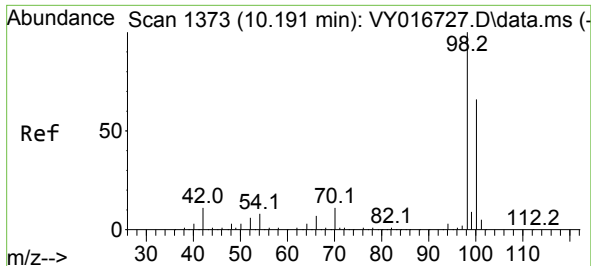
Tgt Ion: 75 Resp: 10401
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.102 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY016898.D
 Acq: 02 Jan 2024 16:44

Tgt Ion: 117 Resp: 12073
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.0 114.0#
 121 0.0 24.2 36.2#

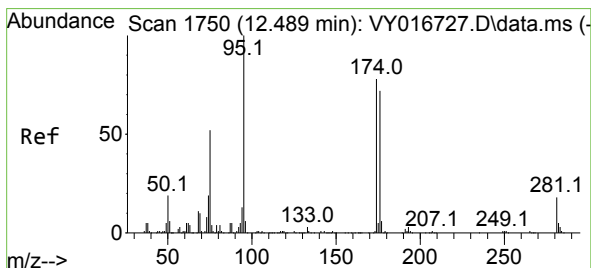
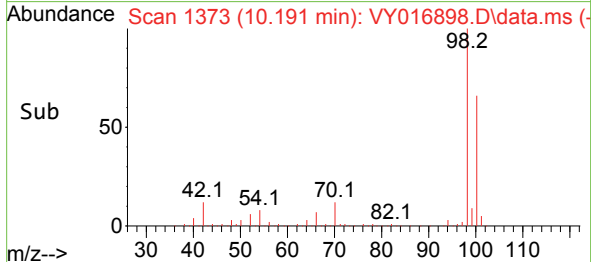
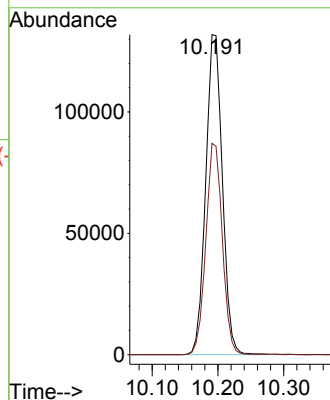
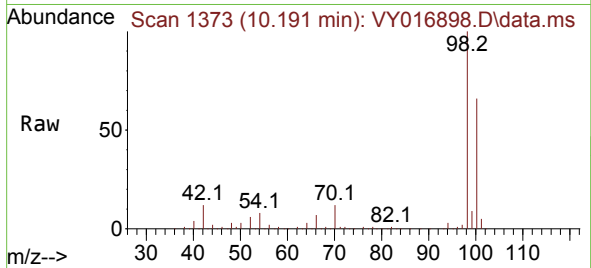




#50
Toluene-d8
Concen: 42.162 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

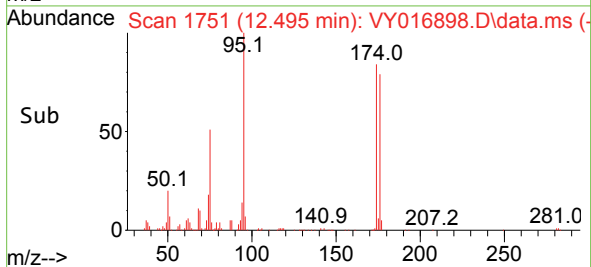
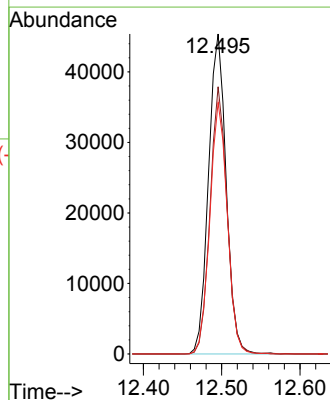
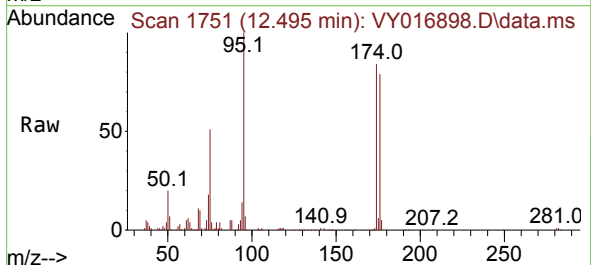
Instrument :
MSVOA_Y
ClientSampleId :

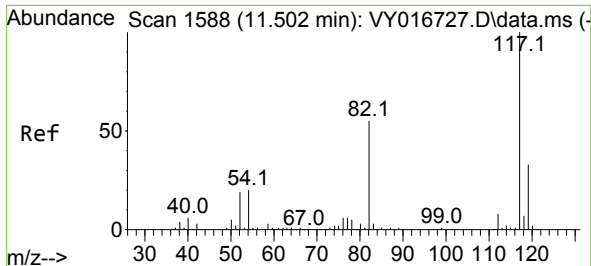
Tgt Ion: 98 Resp: 232017
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.140 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

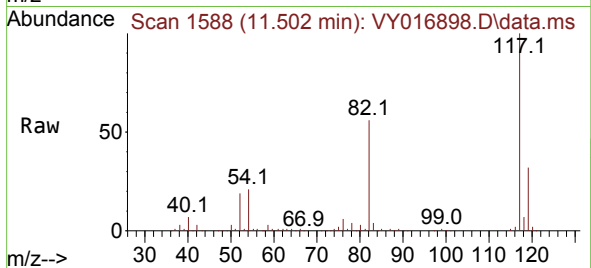
Tgt Ion: 95 Resp: 70813
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.6 0.0 151.8



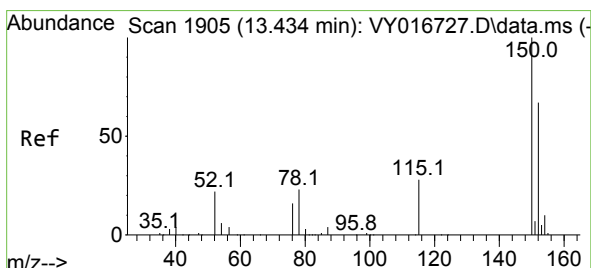
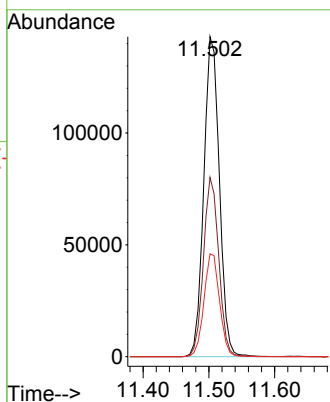
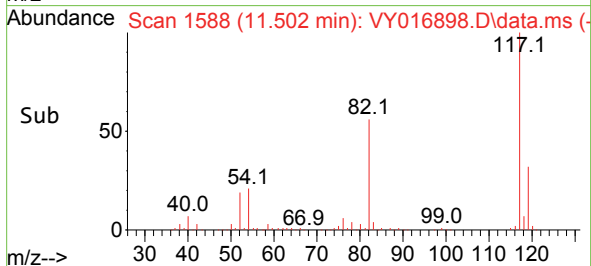


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

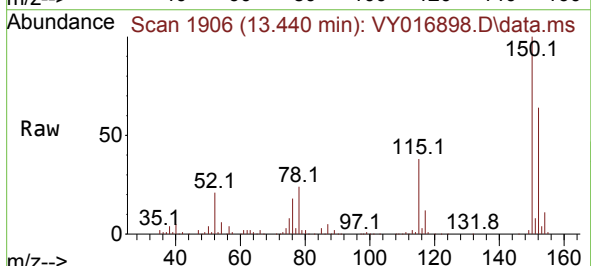
Instrument :
MSVOA_Y
ClientSampleId :



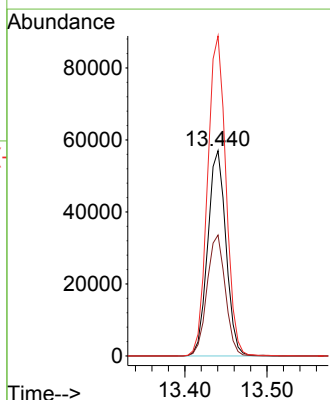
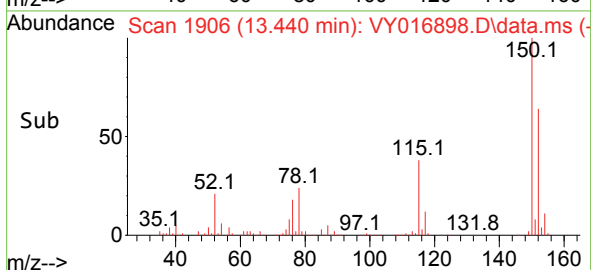
Tgt Ion:117 Resp: 235850
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 32.1 26.5 39.7

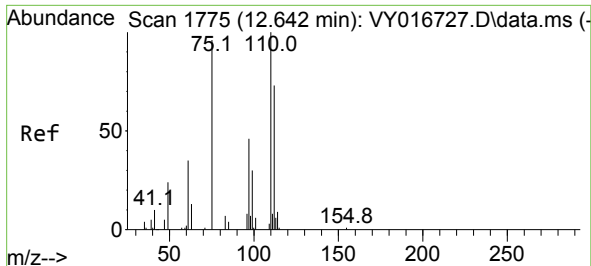


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44



Tgt Ion:152 Resp: 87893
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 156.8 0.0 344.6

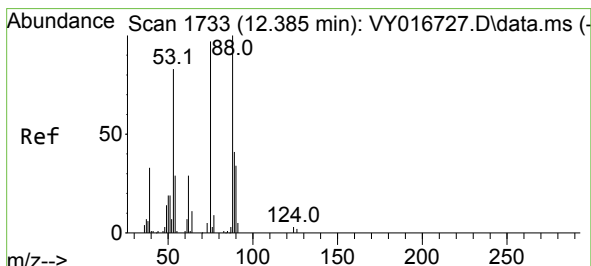
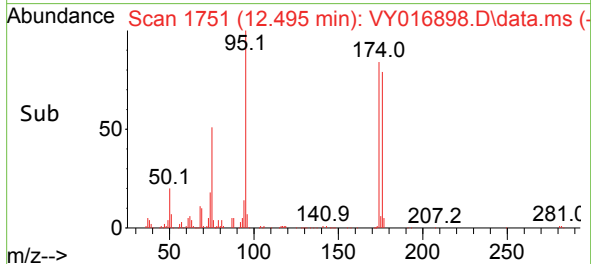
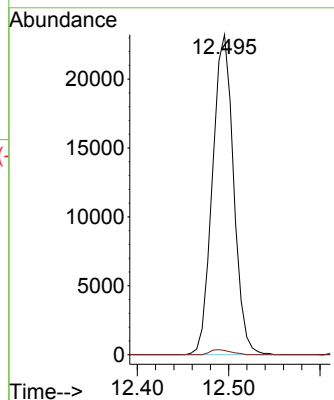
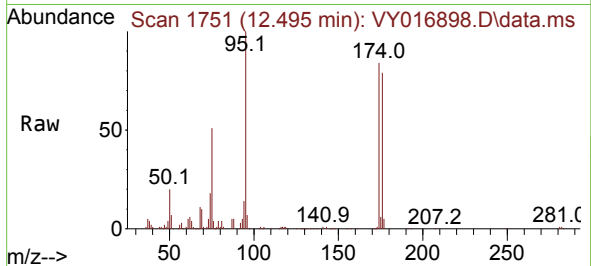




#76
 1,2,3-Trichloropropane
 Concen: 39.046 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016898.D
 Acq: 02 Jan 2024 16:44

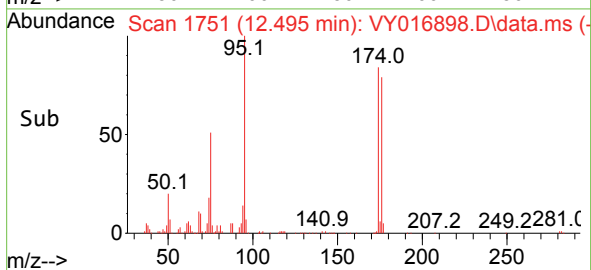
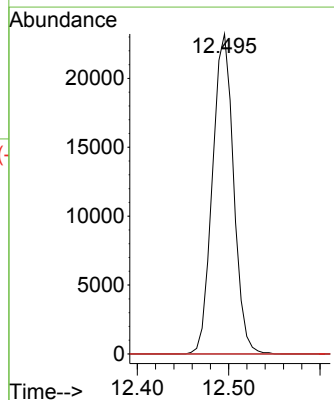
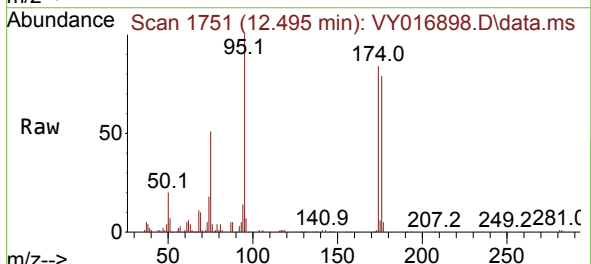
Instrument :
 MSVOA_Y
 ClientSampleId :

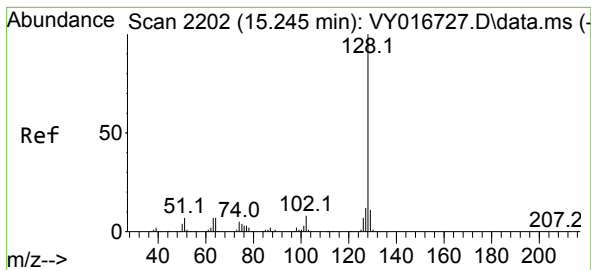
Tgt Ion: 75 Resp: 37242
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.664 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.110 min
 Lab File: VY016898.D
 Acq: 02 Jan 2024 16:44

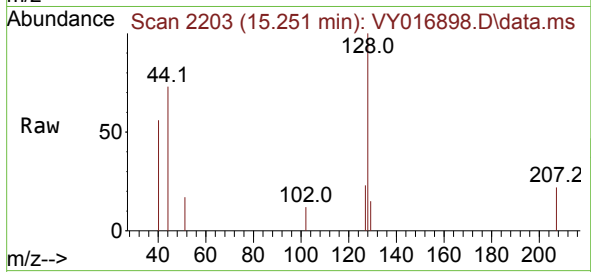
Tgt Ion: 75 Resp: 37242
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 1.040 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016898.D
Acq: 02 Jan 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1131
Ion Ratio Lower Upper
128 100
127 11.0 10.2 15.4
129 5.9 8.6 12.8#

