

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016947.D
 Acq On : 09 Jan 2024 14:37
 Operator : SY/MD
 Sample : P1068-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:26:59 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)

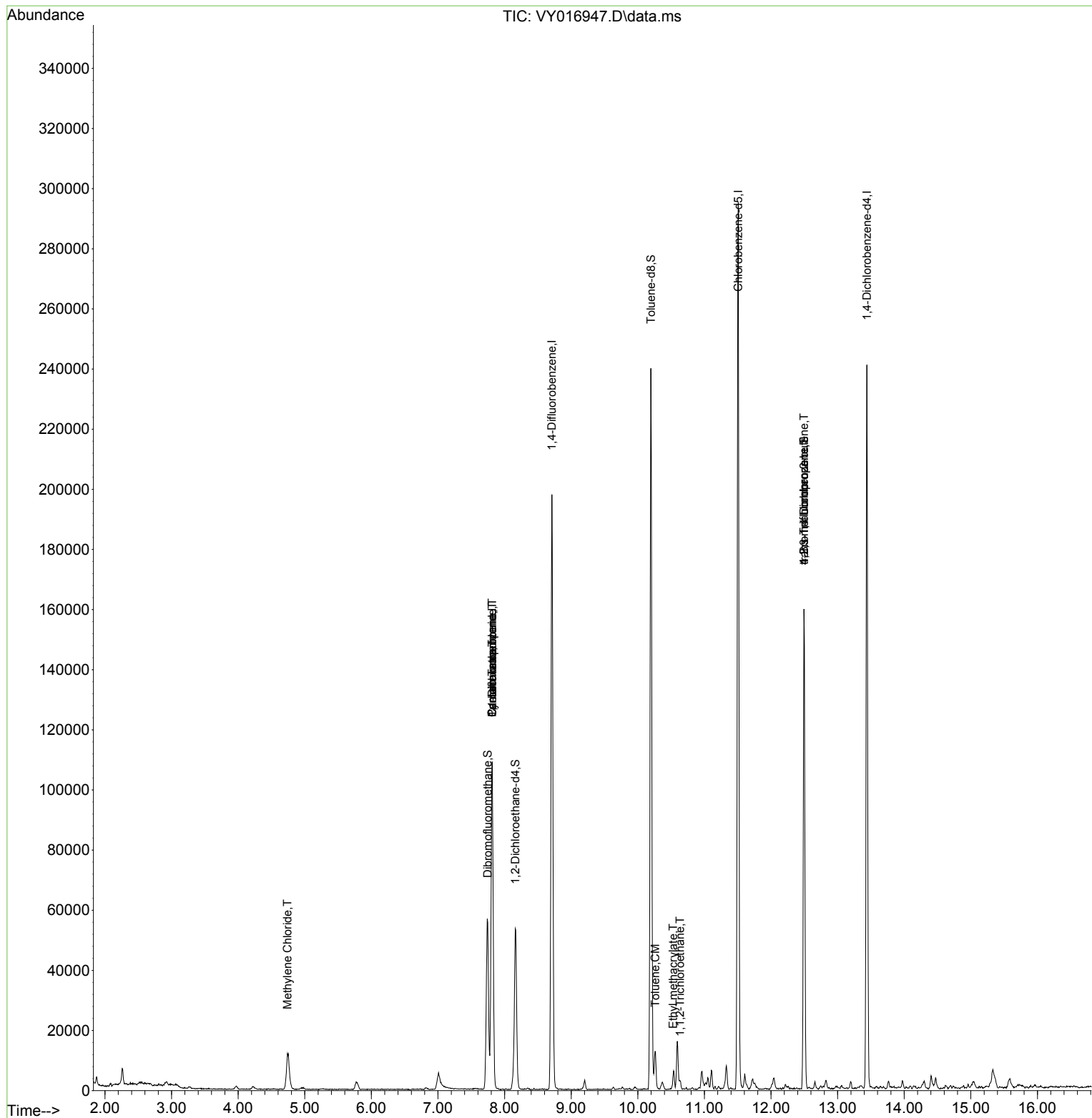
Internal Standards						
1) Pentafluorobenzene	7.813	168	80917	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	169360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	163577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	60160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39875	49.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.746	113	41783	38.716	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.440%
50) Toluene-d8	10.197	98	149785	40.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.600%
62) 4-Bromofluorobenzene	12.495	95	47666	38.016	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	412	Below Cal	#	75
16) Acetone	3.973	43	1885	Below Cal	#	87
20) Methylene Chloride	4.741	84	8837	1.762	ug/l	97
25) 2-Butanone	7.003	43	232	Below Cal	#	48
31) Cyclohexane	7.813	56	2536	1.848	ug/l	# 47
36) 1,1-Dichloropropene	7.813	75	7313	4.650	ug/l	# 48
38) Carbon Tetrachloride	7.813	117	8110	5.075	ug/l	# 16
52) Toluene	10.264	92	5457	1.916	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	930	1.027	ug/l	# 15
56) Ethyl methacrylate	10.532	69	803	1.047	ug/l	# 36
76) 1,2,3-Trichloropropane	12.495	75	25142	38.511	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	25142	87.450	ug/l	# 12

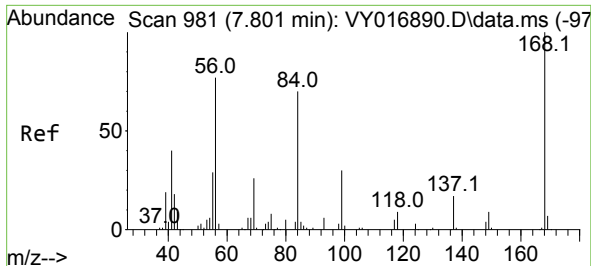
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
Data File : VY016947.D
Acq On : 09 Jan 2024 14:37
Operator : SY/MD
Sample : P1068-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 10 02:26:59 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

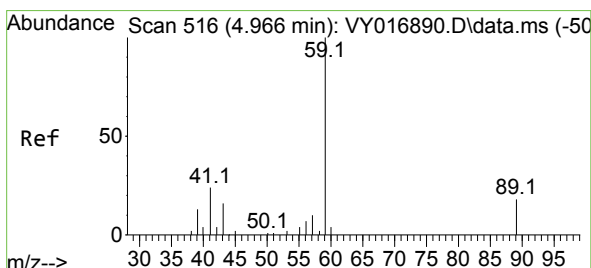
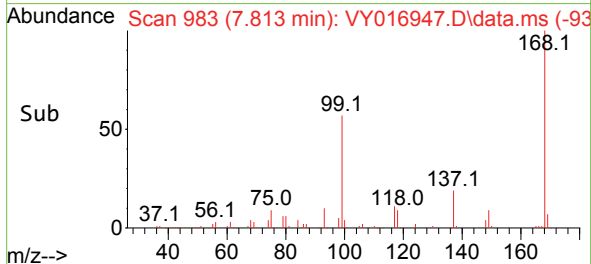
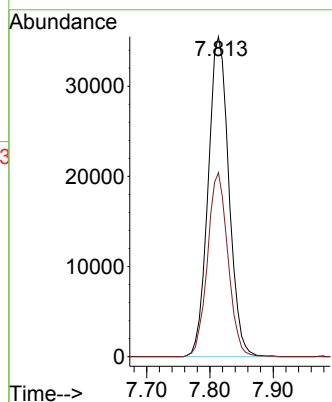
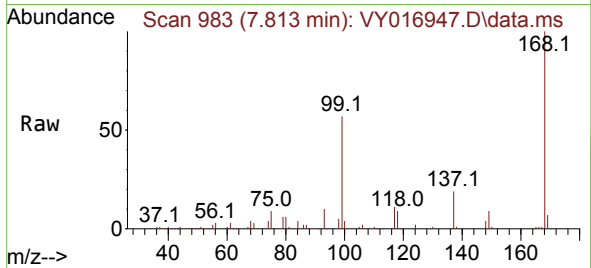




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

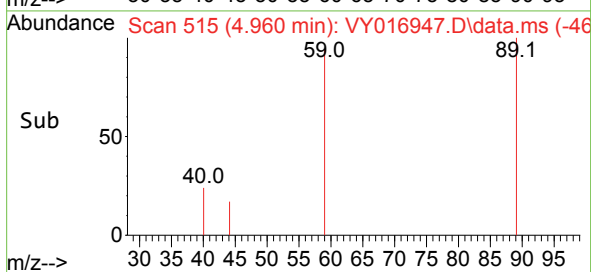
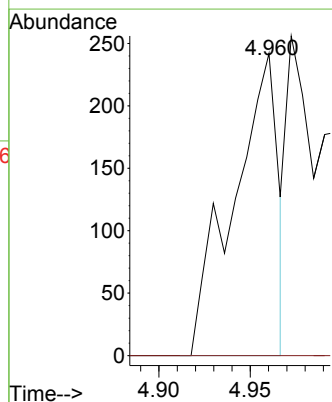
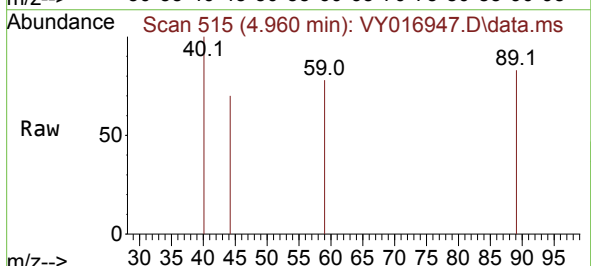
Instrument :
MSVOA_Y
ClientSampleId :

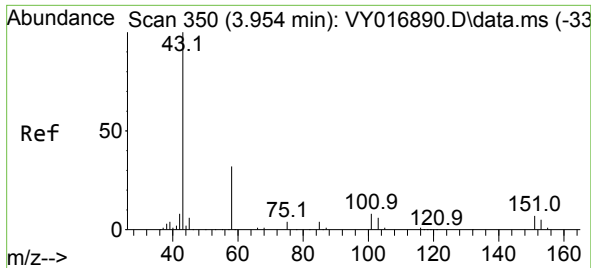
Tgt Ion:168 Resp: 80917
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.973 min Scan# 3

Delta R.T. 0.013 min

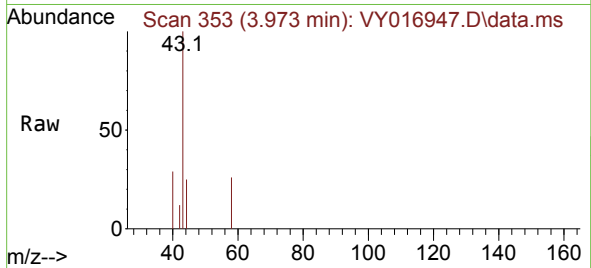
Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

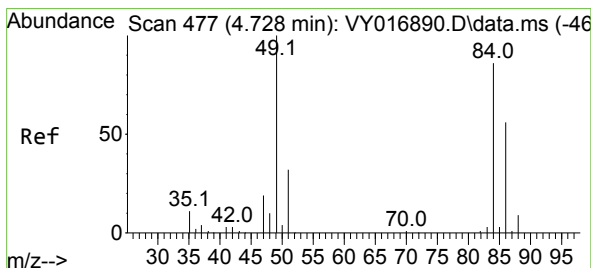
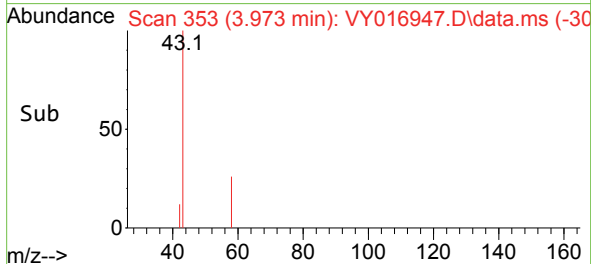
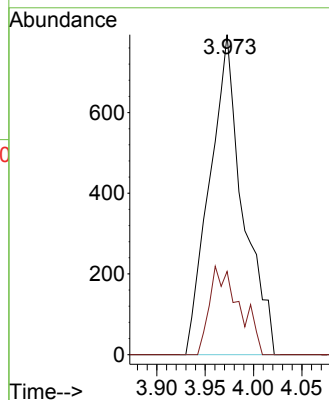


Tgt Ion: 43 Resp: 1885

Ion Ratio Lower Upper

43 100

58 26.0 26.6 39.8#



#20

Methylene Chloride

Concen: 1.762 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Tgt Ion: 84 Resp: 8837

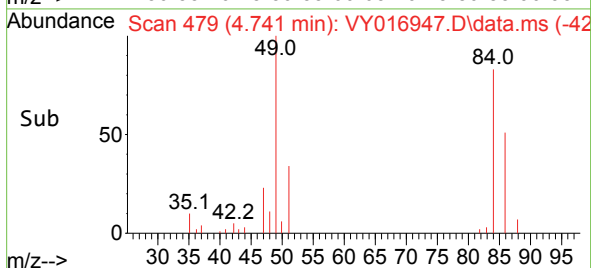
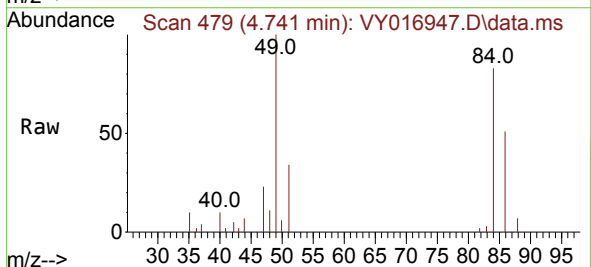
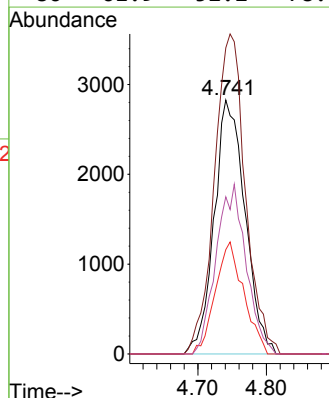
Ion Ratio Lower Upper

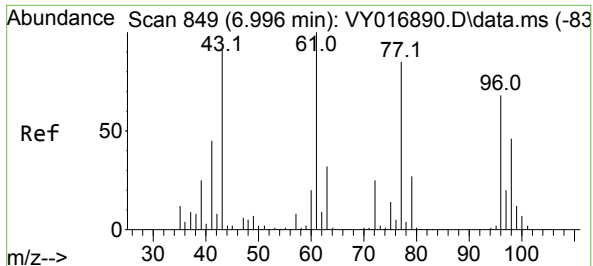
84 100

49 120.6 95.2 142.8

51 41.1 29.9 44.9

86 61.9 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.003 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

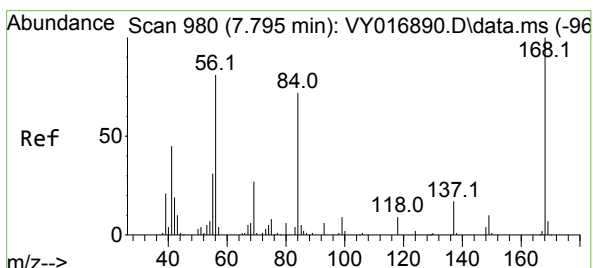
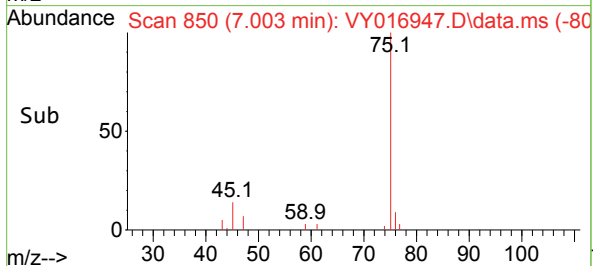
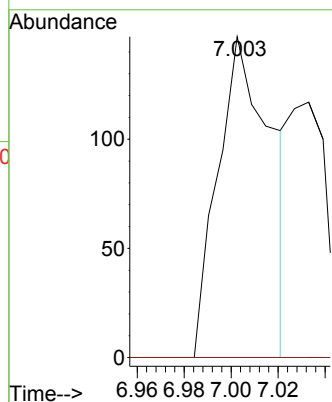
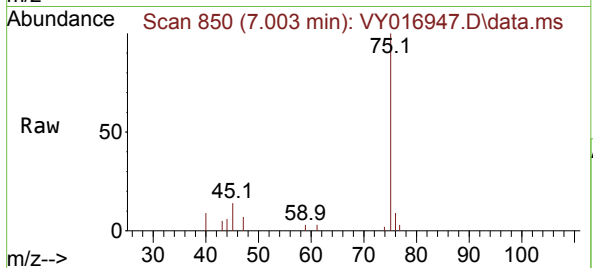
ClientSampleId :

Tgt Ion: 43 Resp: 232

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.848 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

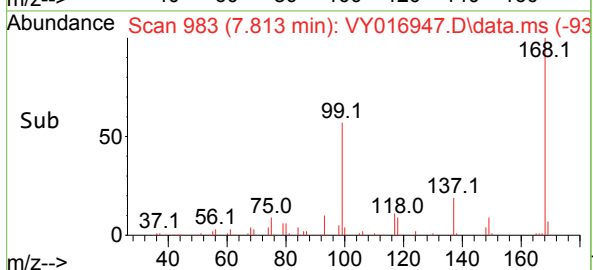
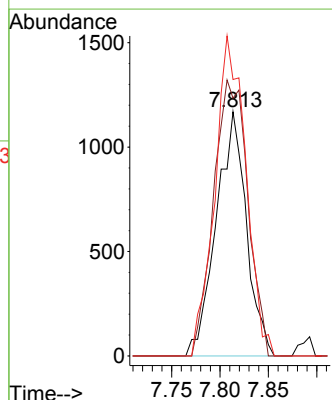
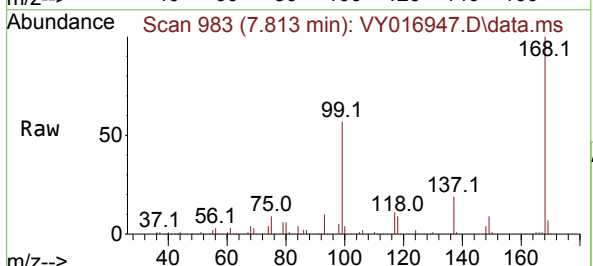
Tgt Ion: 56 Resp: 2536

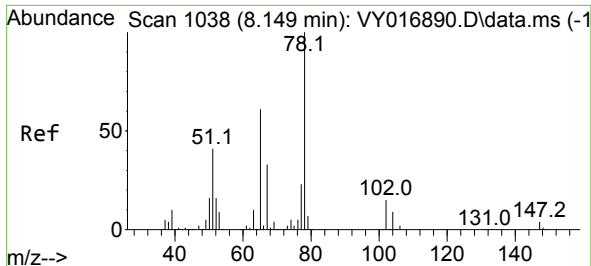
Ion Ratio Lower Upper

56 100

69 105.6 27.0 40.6#

84 113.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.859 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

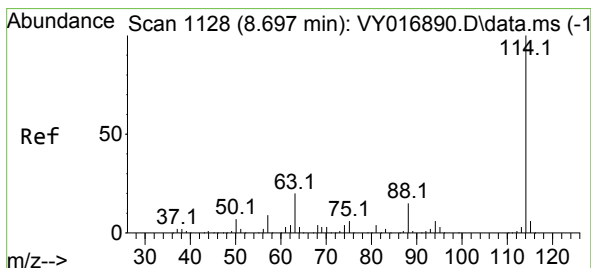
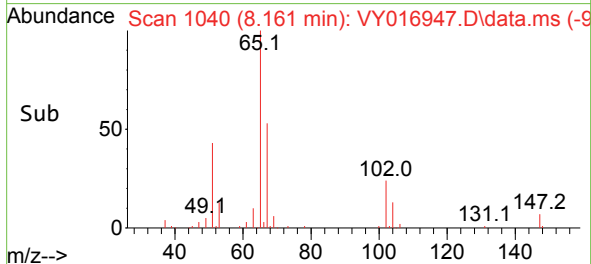
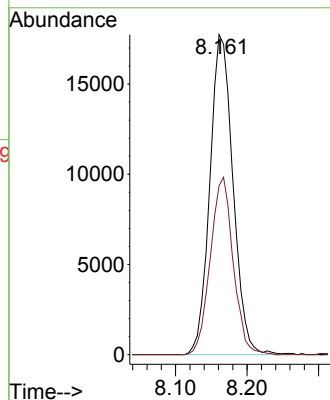
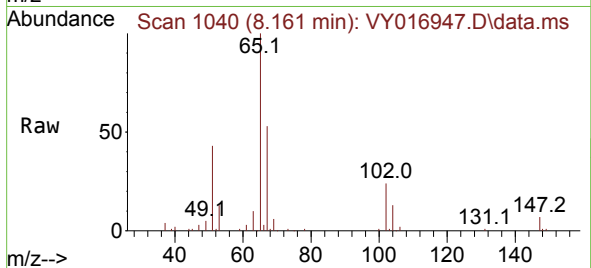
ClientSampleId :

Tgt Ion: 65 Resp: 39875

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

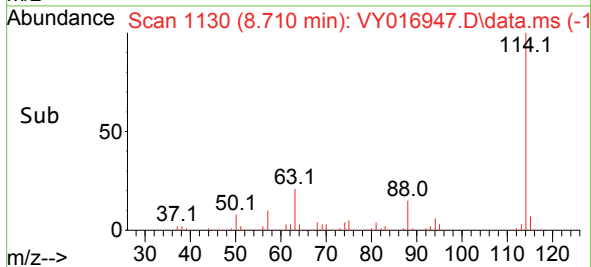
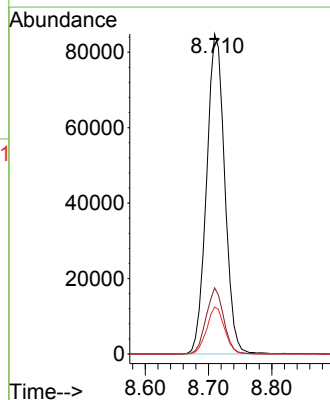
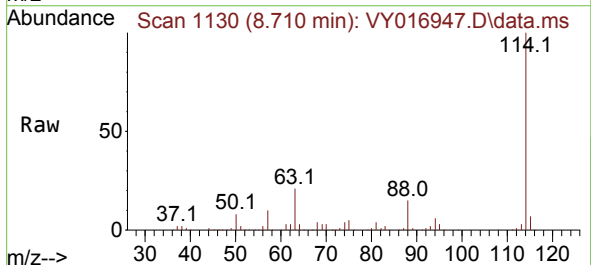
Tgt Ion: 114 Resp: 169360

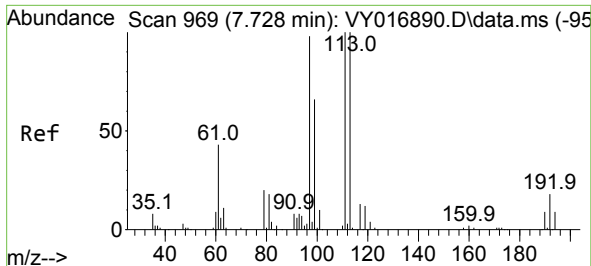
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.7 0.0 29.0

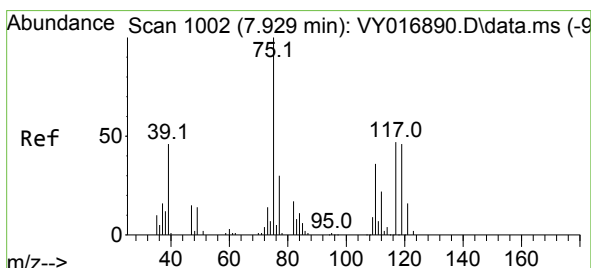
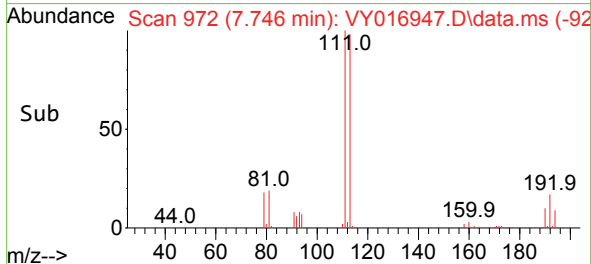
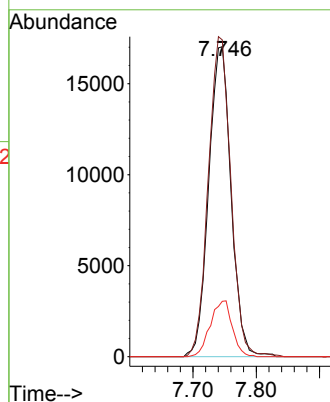
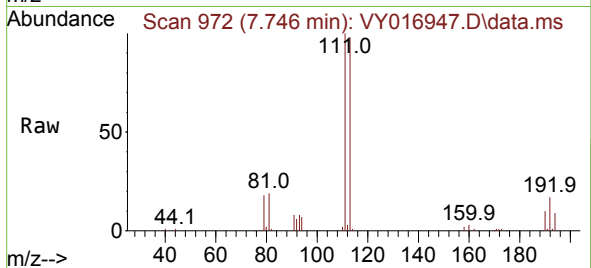




#35
Dibromofluoromethane
Concen: 38.716 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

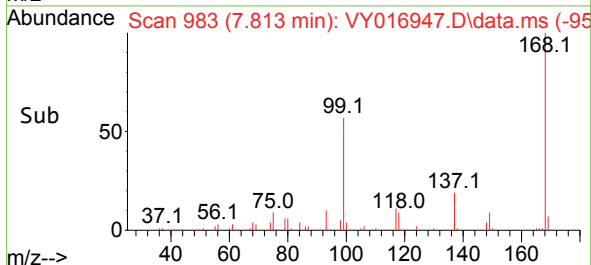
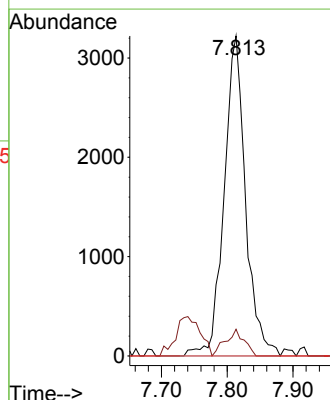
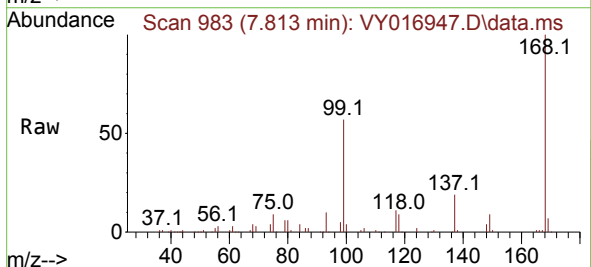
Instrument :
MSVOA_Y
ClientSampleId :

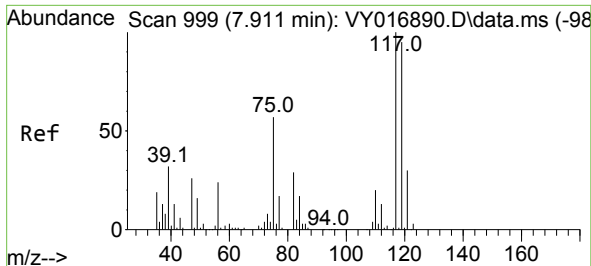
Tgt Ion:113 Resp: 41783
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.650 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

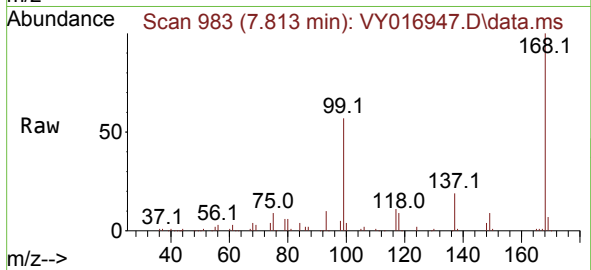
Tgt Ion: 75 Resp: 7313
Ion Ratio Lower Upper
75 100
110 7.2 17.4 52.3#
77 0.0 24.7 37.1#



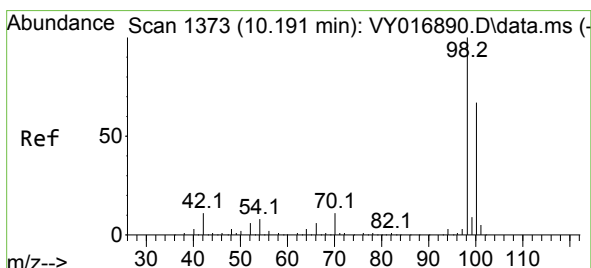
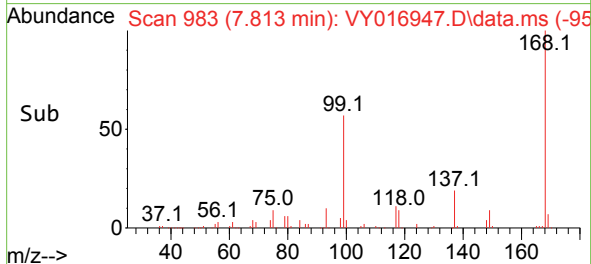
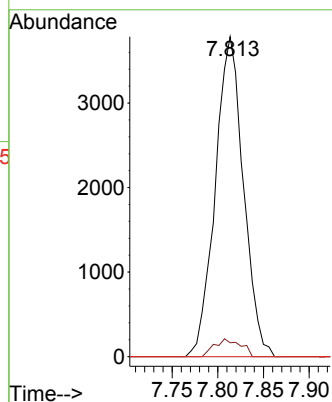


#38
Carbon Tetrachloride
Concen: 5.075 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :

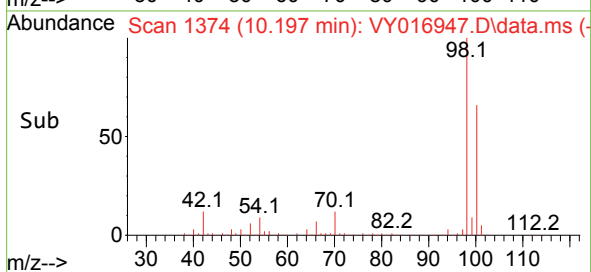
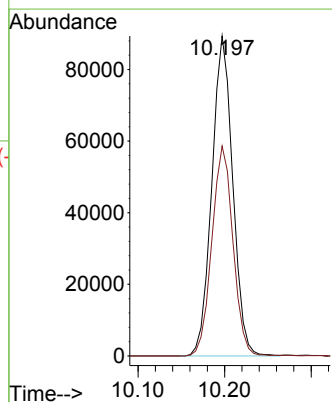
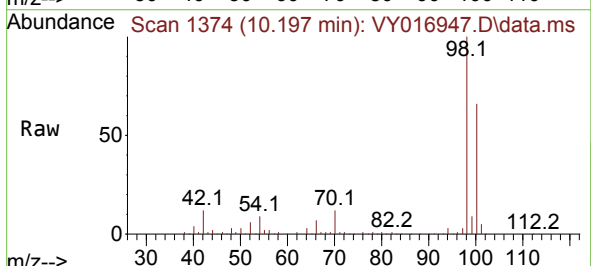


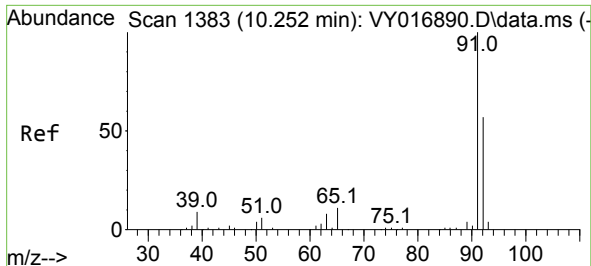
Tgt Ion:117 Resp: 8110
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.305 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion: 98 Resp: 149785
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

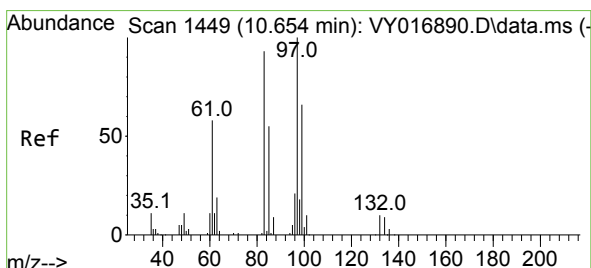
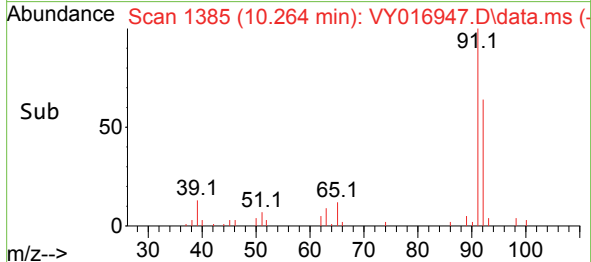
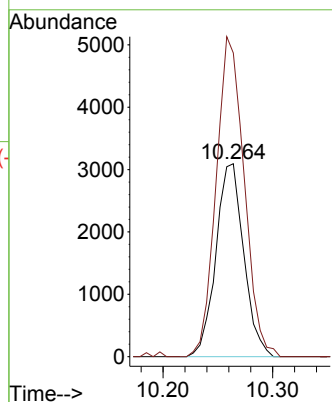
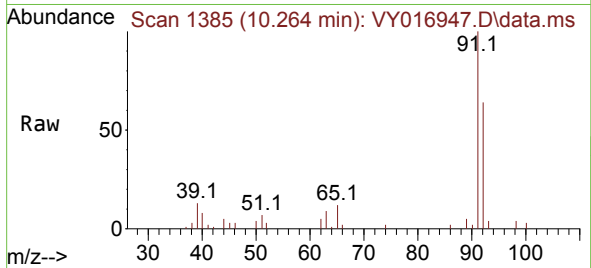




#52
Toluene
Concen: 1.916 ug/l
RT: 10.264 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

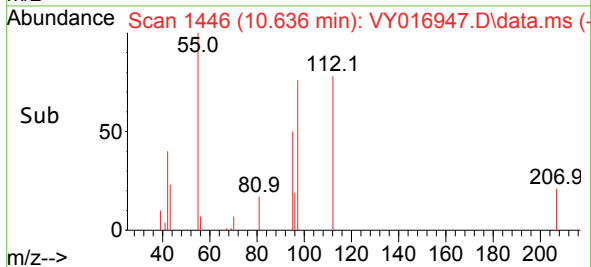
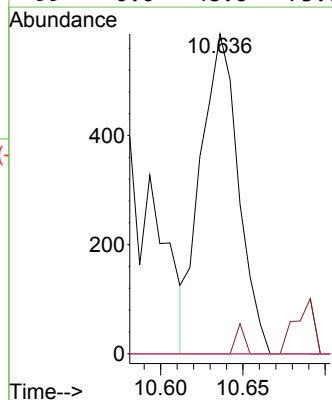
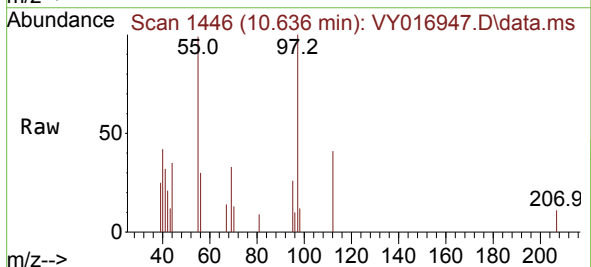
Instrument :
MSVOA_Y
ClientSampleId :

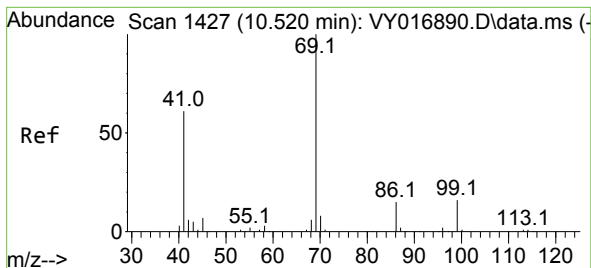
Tgt Ion: 92 Resp: 5457
Ion Ratio Lower Upper
92 100
91 167.1 137.6 206.4



#55
1,1,2-Trichloroethane
Concen: 1.027 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.018 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion: 97 Resp: 930
Ion Ratio Lower Upper
97 100
83 0.0 69.4 104.2#
85 0.0 43.9 65.9#
99 0.0 48.6 73.0#





#56

Ethyl methacrylate

Concen: 1.047 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

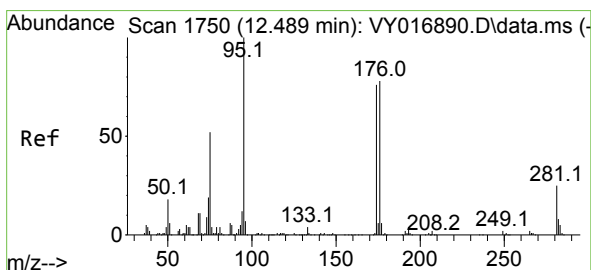
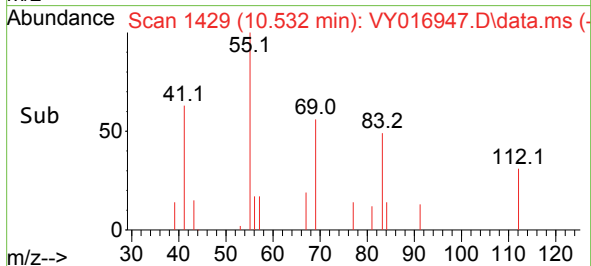
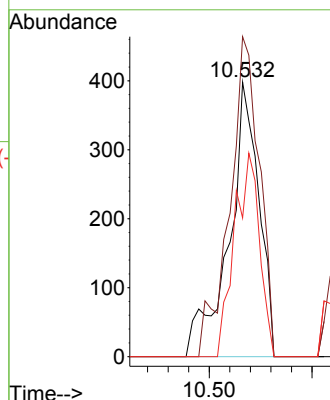
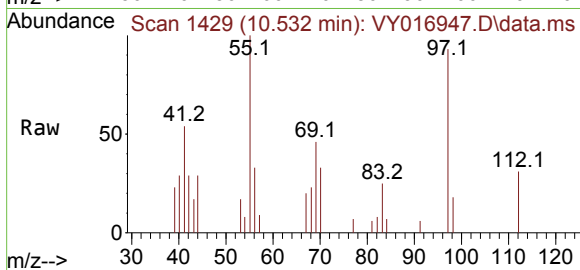
Tgt Ion: 69 Resp: 803

Ion Ratio Lower Upper

69 100

41 115.6 49.2 73.8#

39 62.3 26.8 40.2#



#62

4-Bromofluorobenzene

Concen: 38.016 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016947.D

Acq: 09 Jan 2024 14:37

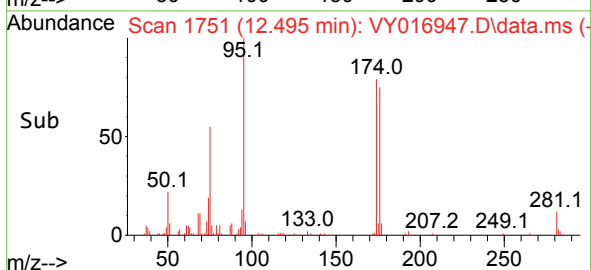
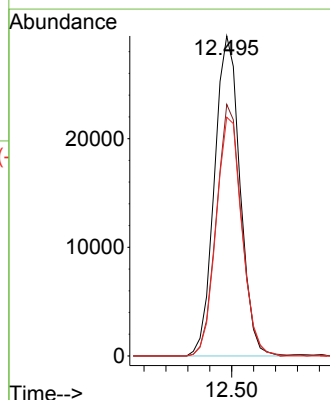
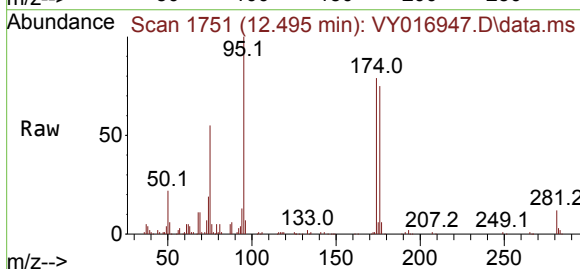
Tgt Ion: 95 Resp: 47666

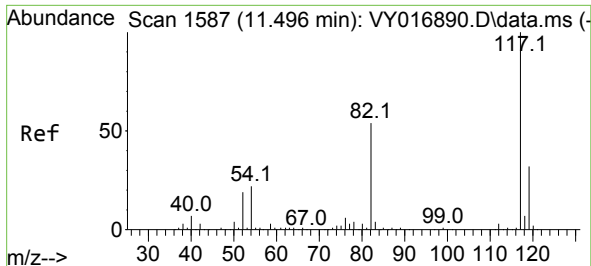
Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.0

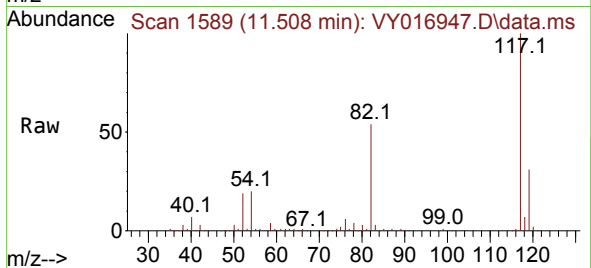
176 75.3 0.0 151.8



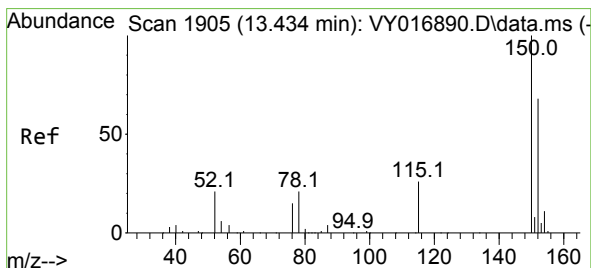
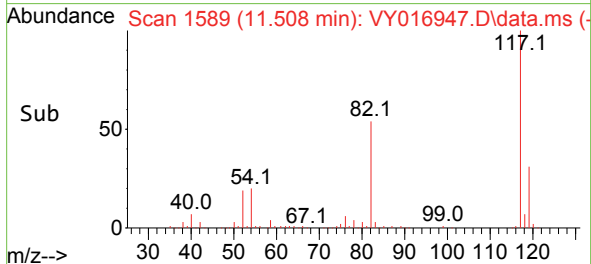
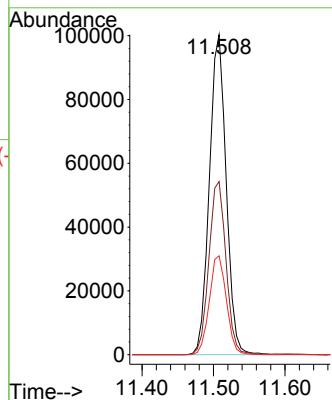


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :

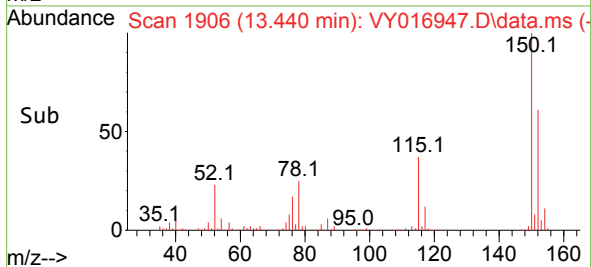
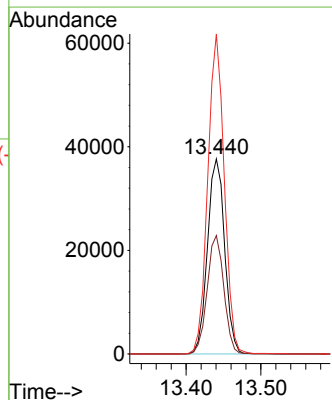
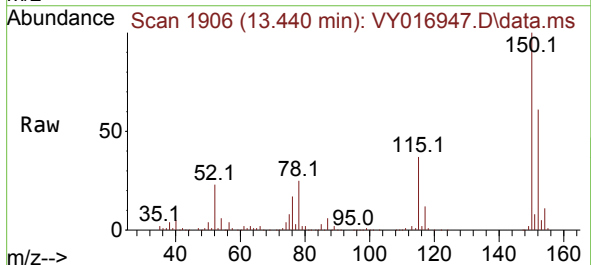


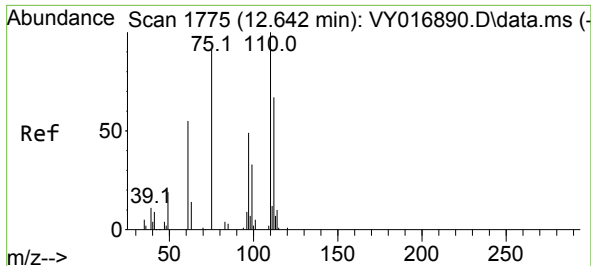
Tgt Ion:117 Resp: 163577
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 30.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion:152 Resp: 60160
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 157.0 0.0 344.6

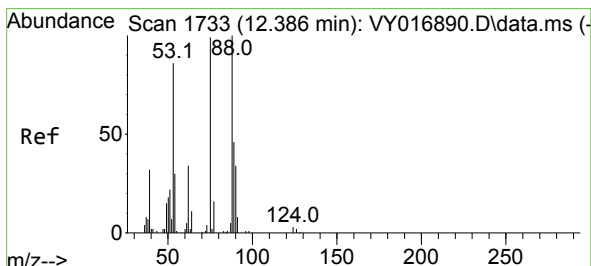
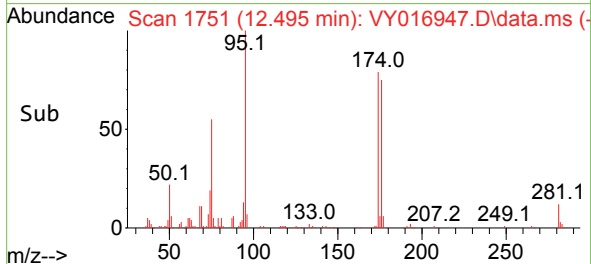
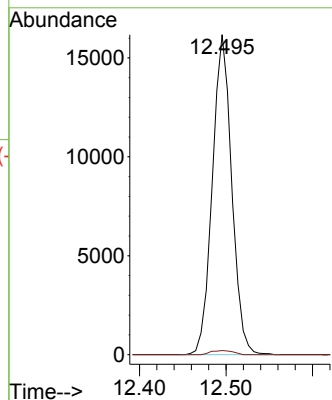
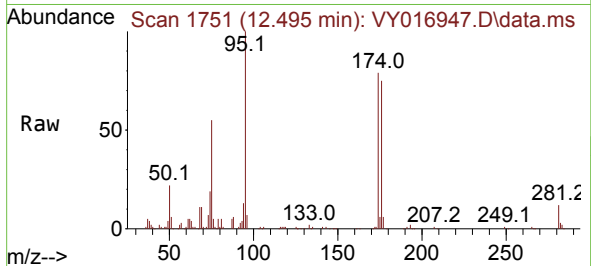




#76
1,2,3-Trichloropropane
Concen: 38.511 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 25142
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.450 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016947.D
Acq: 09 Jan 2024 14:37

Tgt Ion: 75 Resp: 25142
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

