

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016941.D
 Acq On : 09 Jan 2024 10:56
 Operator : SY/MD
 Sample : VY0109SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:23:38 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)

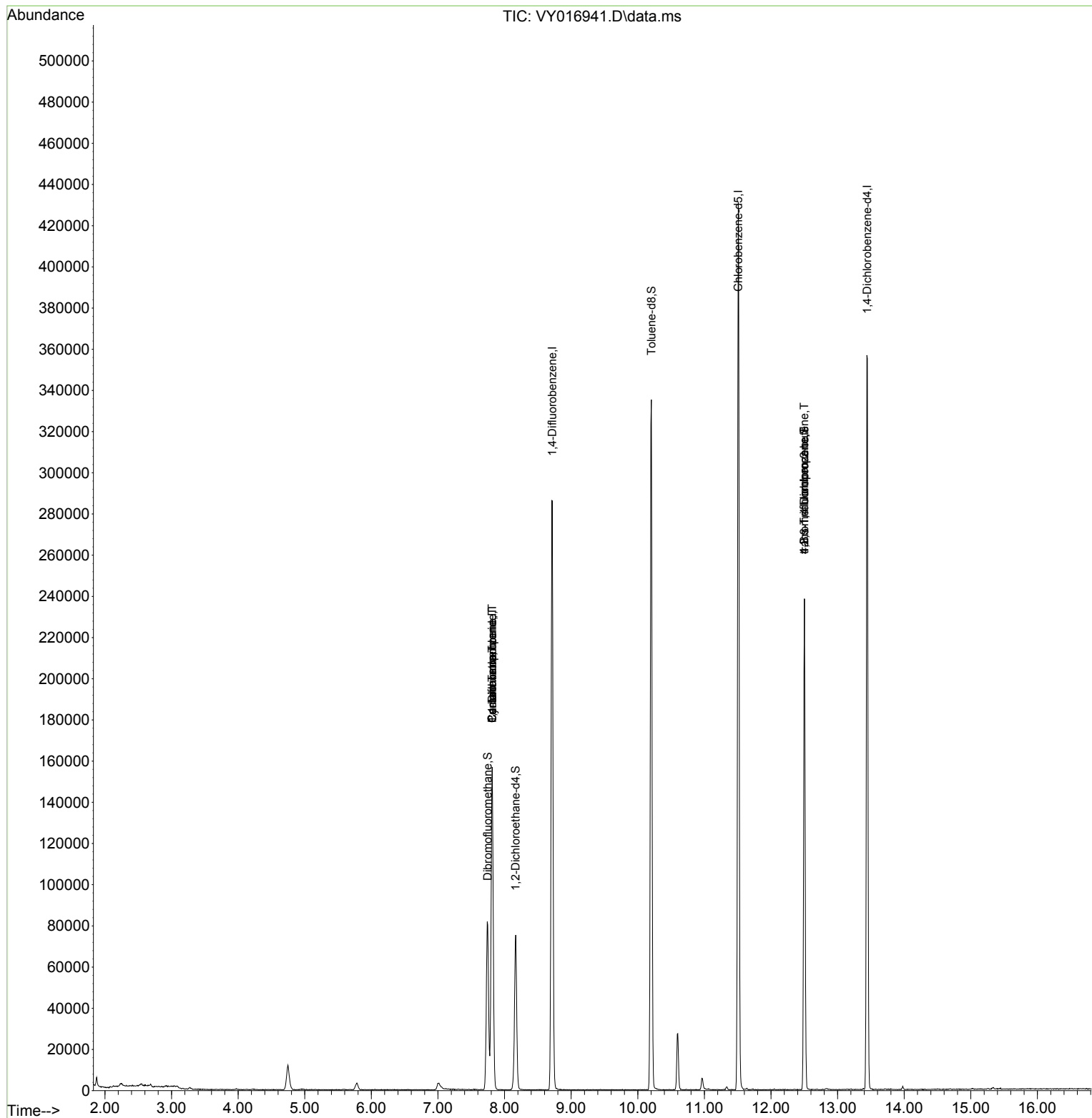
Internal Standards						
1) Pentafluorobenzene	7.813	168	117640	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	250889	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	238501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	90601	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56466	48.564	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.746	113	59014	36.912	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.820%
50) Toluene-d8	10.203	98	220513	40.054	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.100%
62) 4-Bromofluorobenzene	12.502	95	71920	38.720	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	50	Below Cal	#	40
11) Tert butyl alcohol	4.966	59	319	Below Cal	#	75
16) Acetone	3.973	43	470	Below Cal		97
20) Methylene Chloride	4.747	84	8485	Below Cal		98
25) 2-Butanone	7.009	43	178	Below Cal	#	48
31) Cyclohexane	7.813	56	2440	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	10153	4.358	ug/l #	49
38) Carbon Tetrachloride	7.813	117	12457	5.262	ug/l #	18
76) 1,2,3-Trichloropropane	12.502	75	37829	38.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	37829	87.369	ug/l #	12

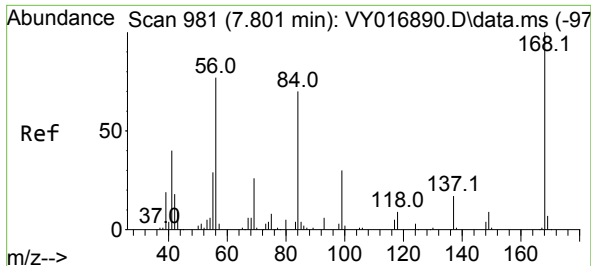
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Jan 10 02:23:38 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

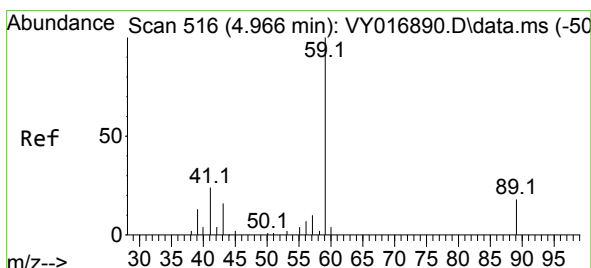
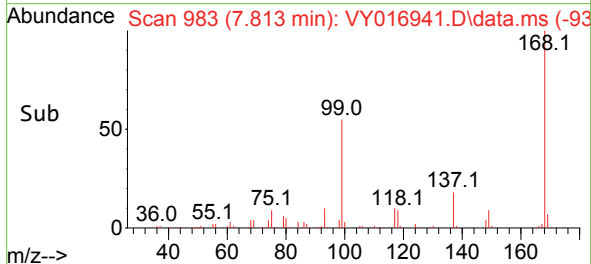
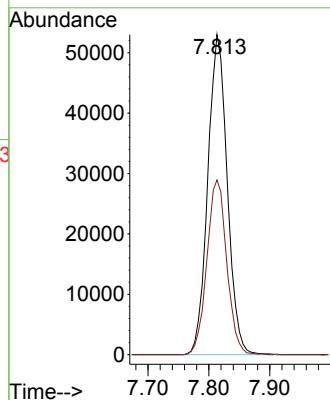
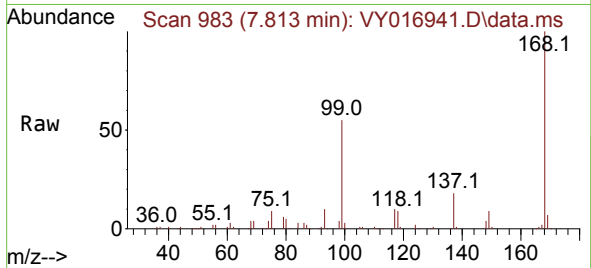




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

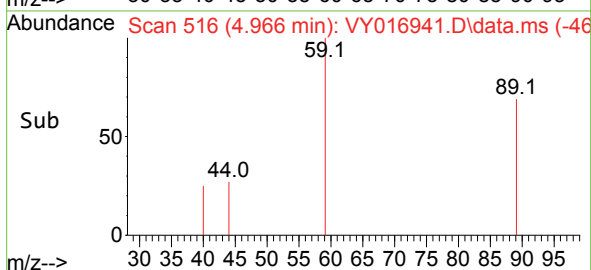
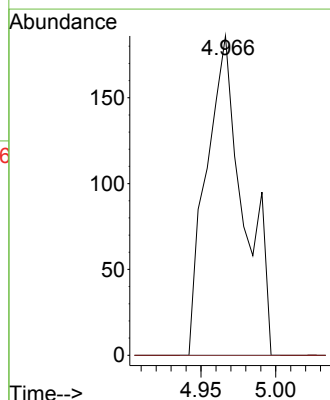
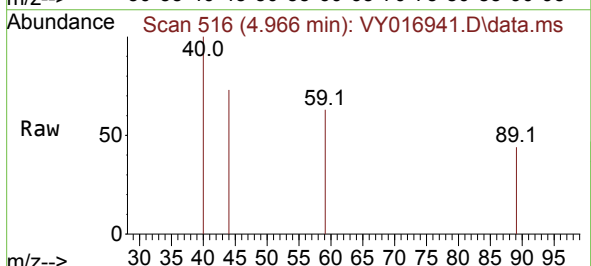
Instrument :
MSVOA_Y
ClientSampleId :

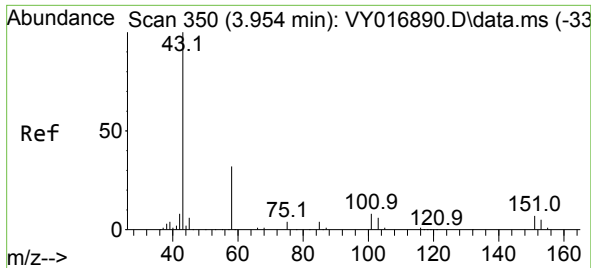
Tgt Ion:168 Resp: 117640
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

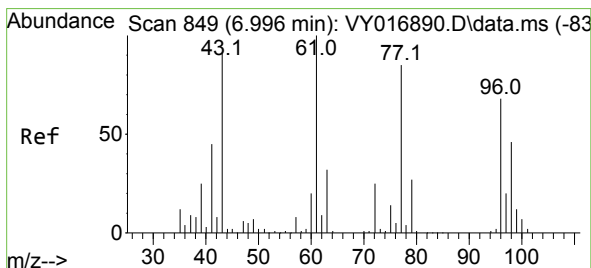
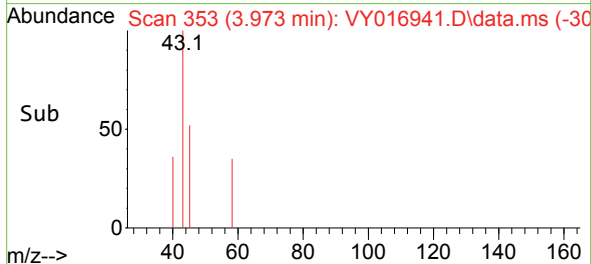
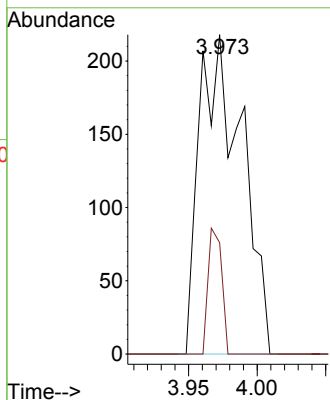
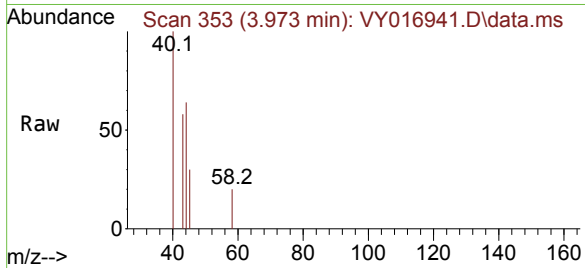




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

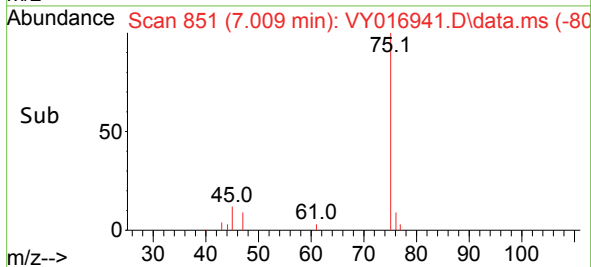
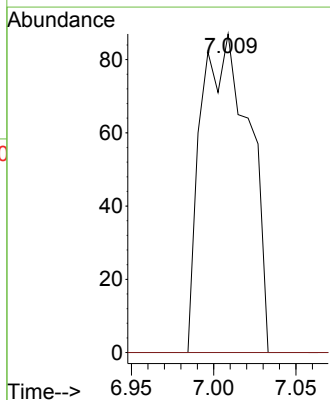
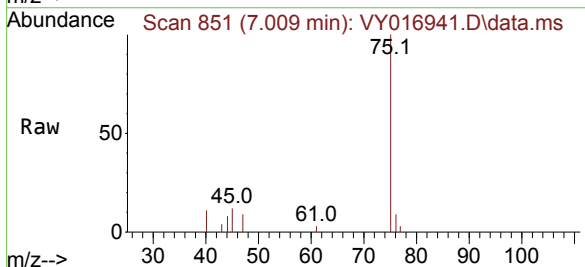
Instrument :
MSVOA_Y
ClientSampleId :

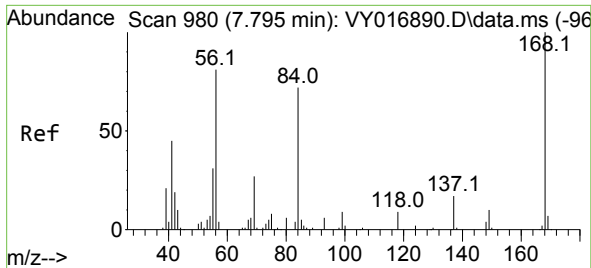
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 34.9 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

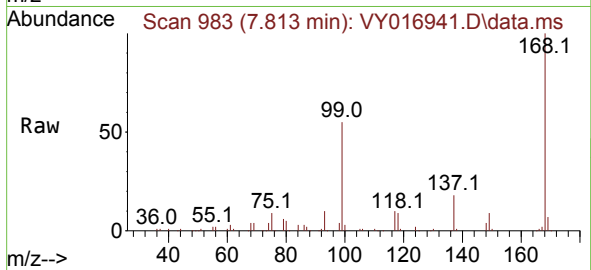
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



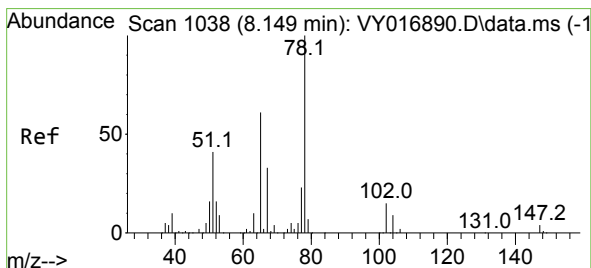
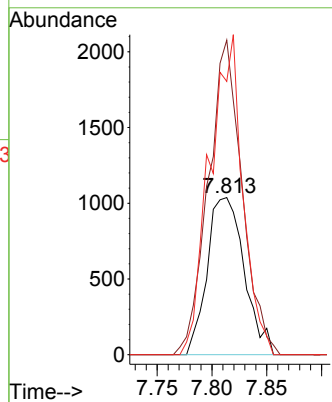
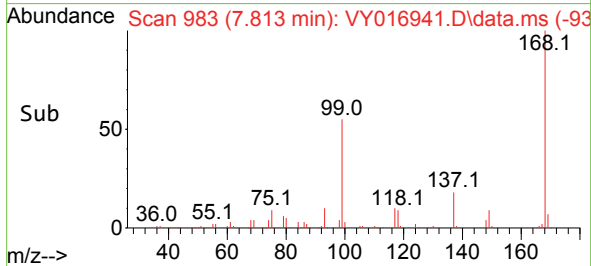


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

Instrument :
MSVOA_Y
ClientSampleId :

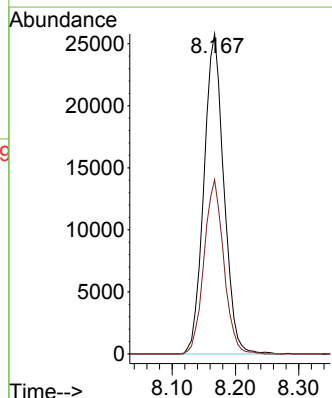
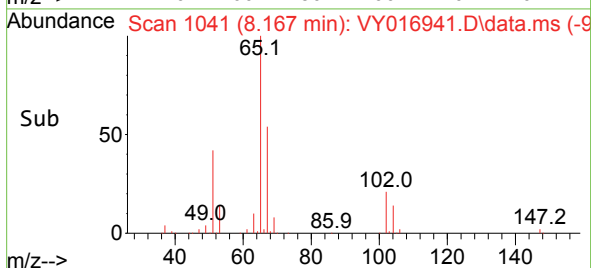
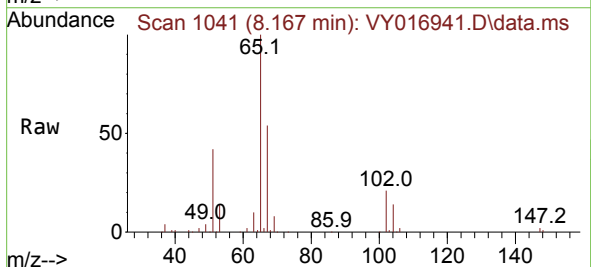


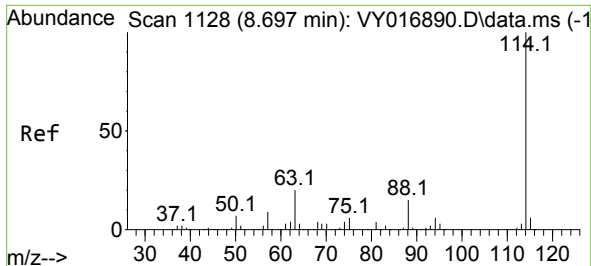
Tgt Ion: 56 Resp: 2440
Ion Ratio Lower Upper
56 100
69 200.1 27.0 40.6#
84 173.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.564 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

Tgt Ion: 65 Resp: 56466
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016941.D

Acq: 09 Jan 2024 10:56

Instrument :

MSVOA_Y

ClientSampleId :

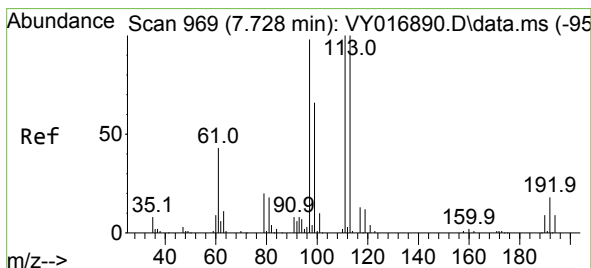
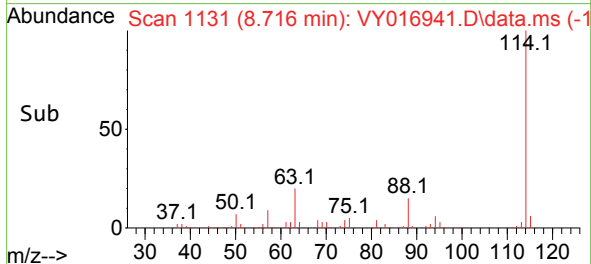
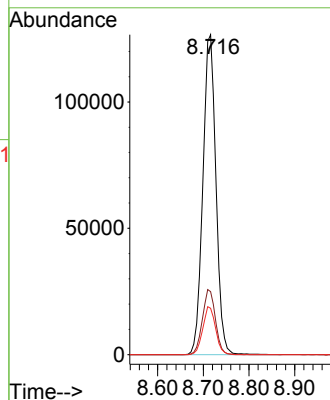
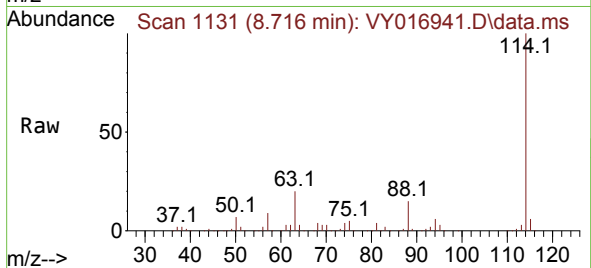
Tgt Ion:114 Resp: 250889

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.912 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016941.D

Acq: 09 Jan 2024 10:56

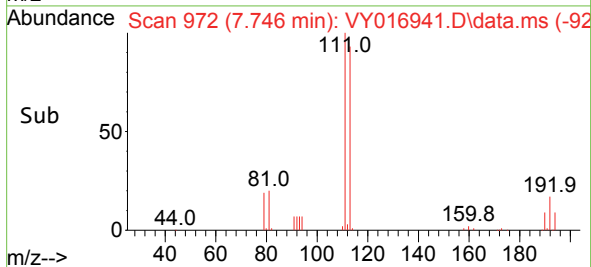
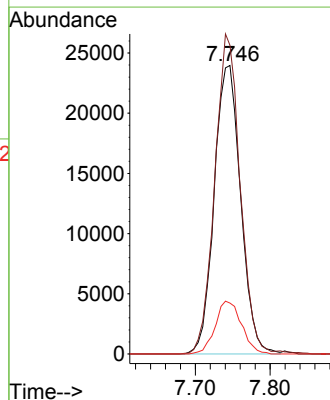
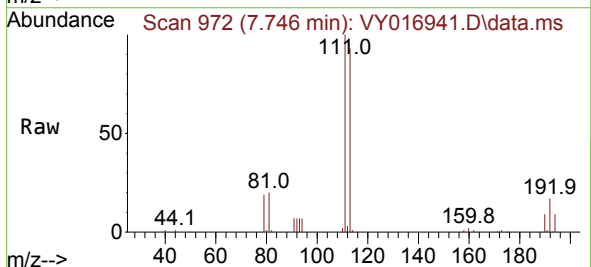
Tgt Ion:113 Resp: 59014

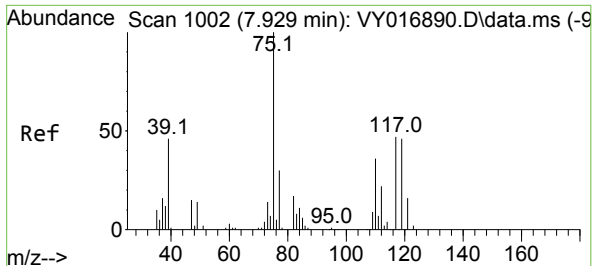
Ion Ratio Lower Upper

113 100

111 106.6 83.8 125.6

192 18.2 14.5 21.7

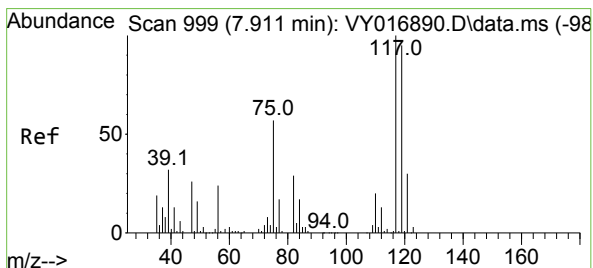
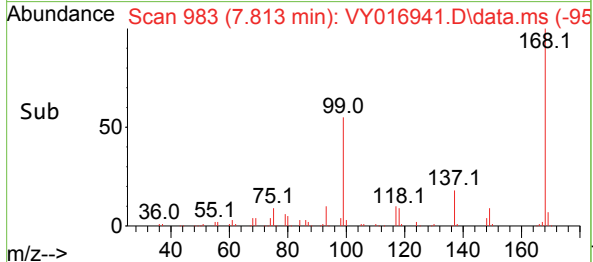
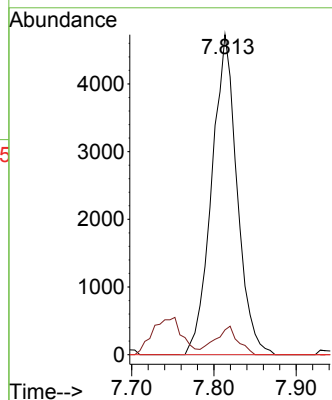
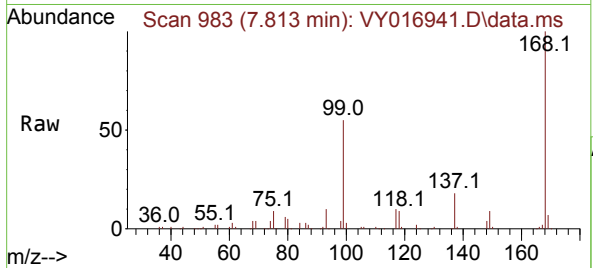




#36
 1,1-Dichloropropene
 Concen: 4.358 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.116 min
 Lab File: VY016941.D
 Acq: 09 Jan 2024 10:56

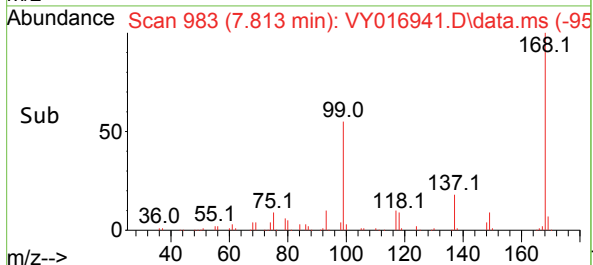
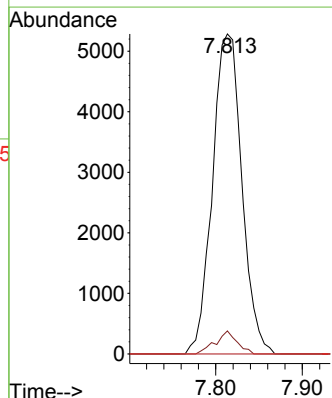
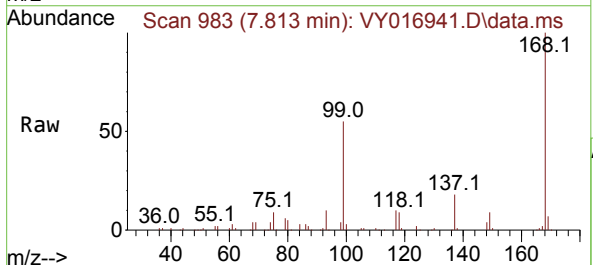
Instrument :
 MSVOA_Y
 ClientSampleId :

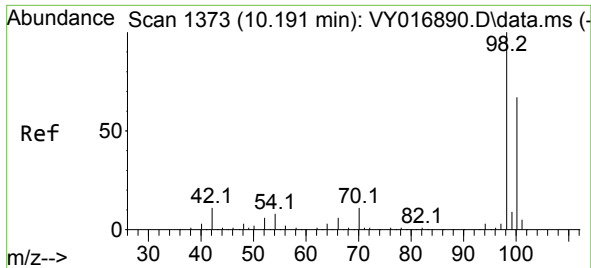
Tgt Ion: 75 Resp: 10153
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.262 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.104 min
 Lab File: VY016941.D
 Acq: 09 Jan 2024 10:56

Tgt Ion: 117 Resp: 12457
 Ion Ratio Lower Upper
 117 100
 119 7.2 76.0 114.0#
 121 0.0 24.2 36.2#

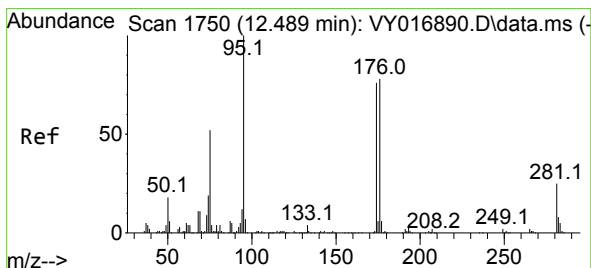
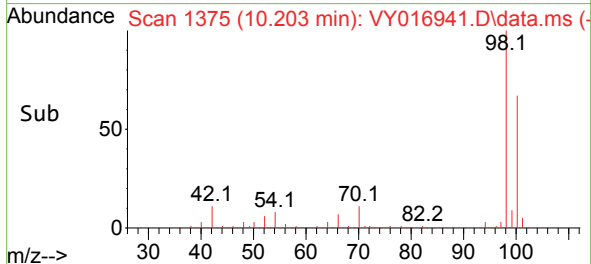
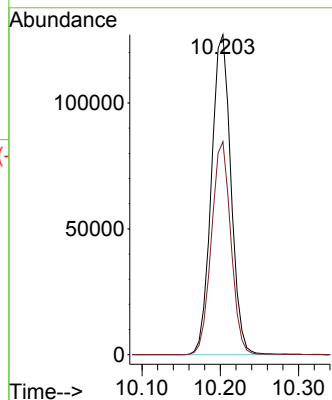
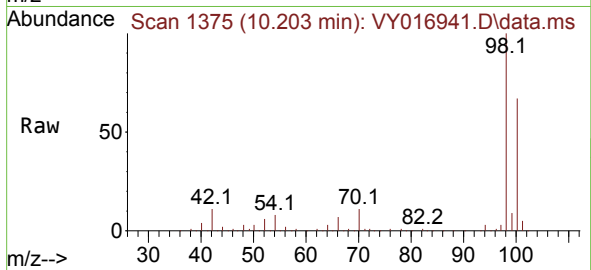




#50
Toluene-d8
Concen: 40.054 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

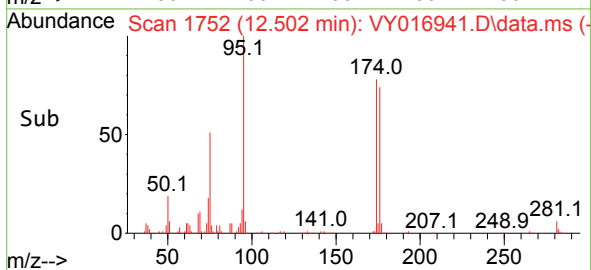
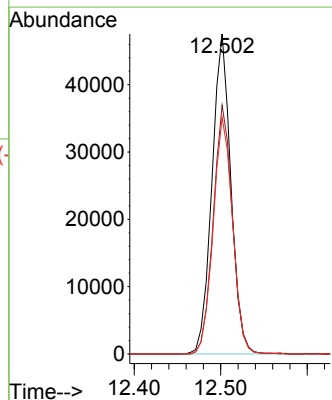
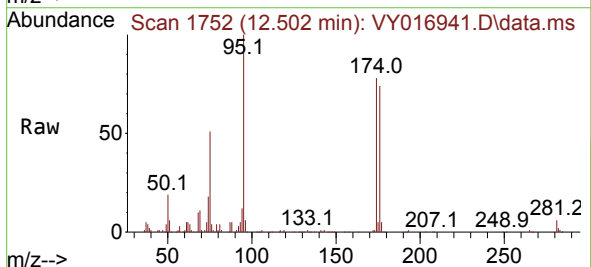
Instrument :
MSVOA_Y
ClientSampleId :

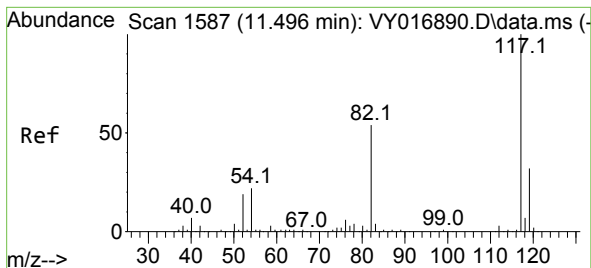
Tgt Ion: 98 Resp: 220513
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.720 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

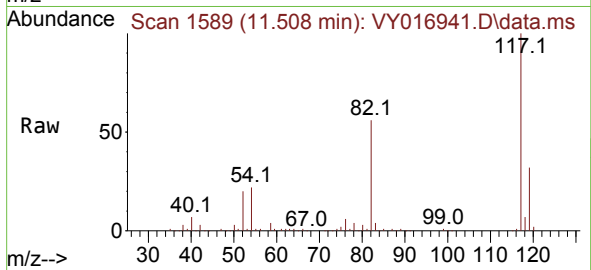
Tgt Ion: 95 Resp: 71920
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.2 0.0 151.8



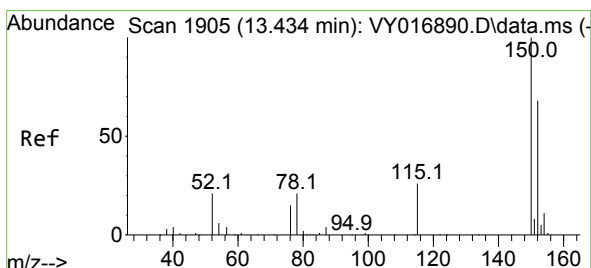
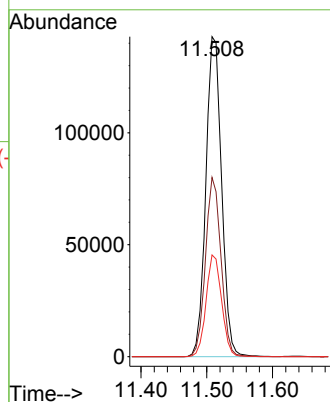
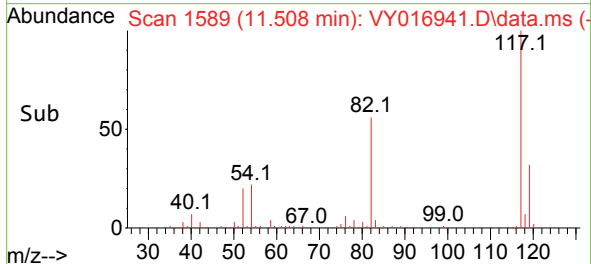


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56

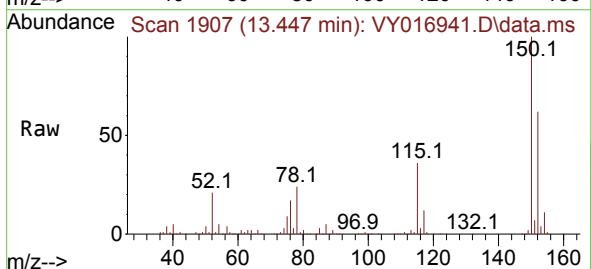
Instrument :
MSVOA_Y
ClientSampleId :



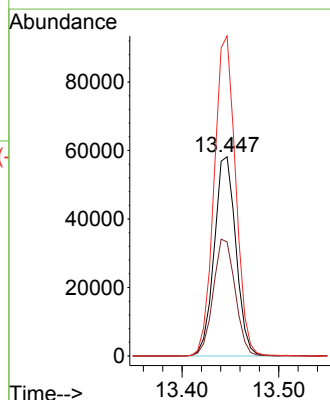
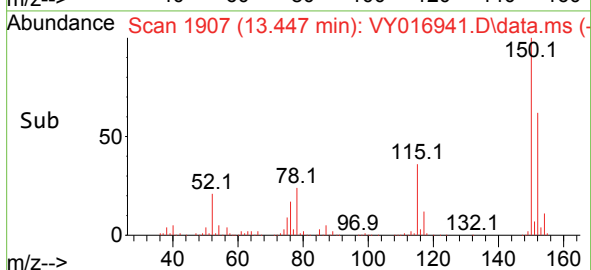
Tgt Ion:117 Resp: 238501
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 31.8 26.5 39.7

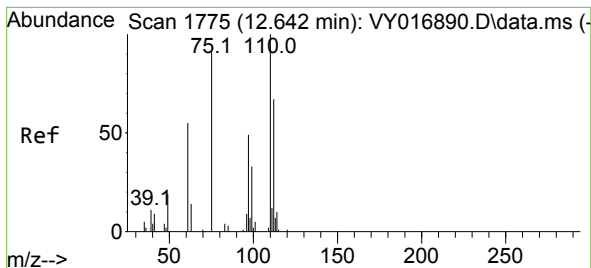


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY016941.D
Acq: 09 Jan 2024 10:56



Tgt Ion:152 Resp: 90601
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 159.4 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 38.476 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY016941.D

Acq: 09 Jan 2024 10:56

Instrument :

MSVOA_Y

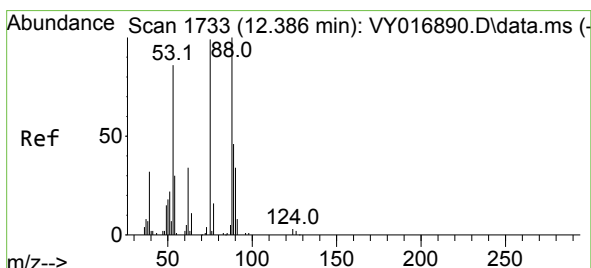
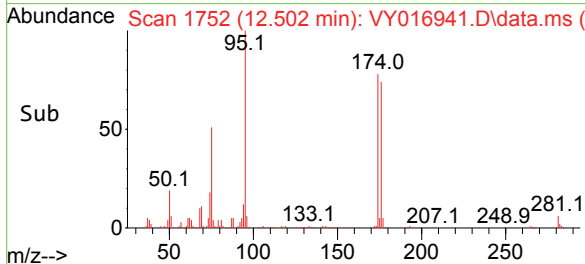
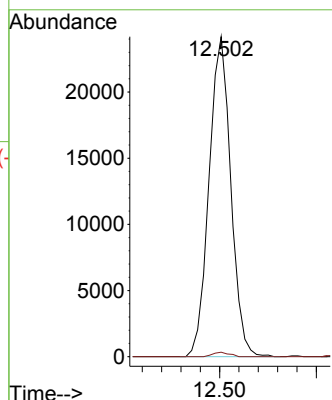
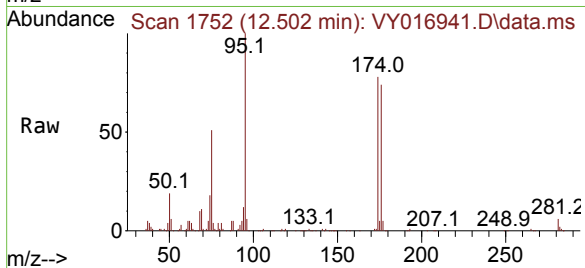
ClientSampleId :

Tgt Ion: 75 Resp: 37829

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.369 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.117 min

Lab File: VY016941.D

Acq: 09 Jan 2024 10:56

Tgt Ion: 75 Resp: 37829

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.1 36.5 54.7#

