

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017123.D
 Acq On : 26 Jan 2024 15:59
 Operator : SY/MD
 Sample : P1247-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012424RE

Quant Time: Jan 29 04:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

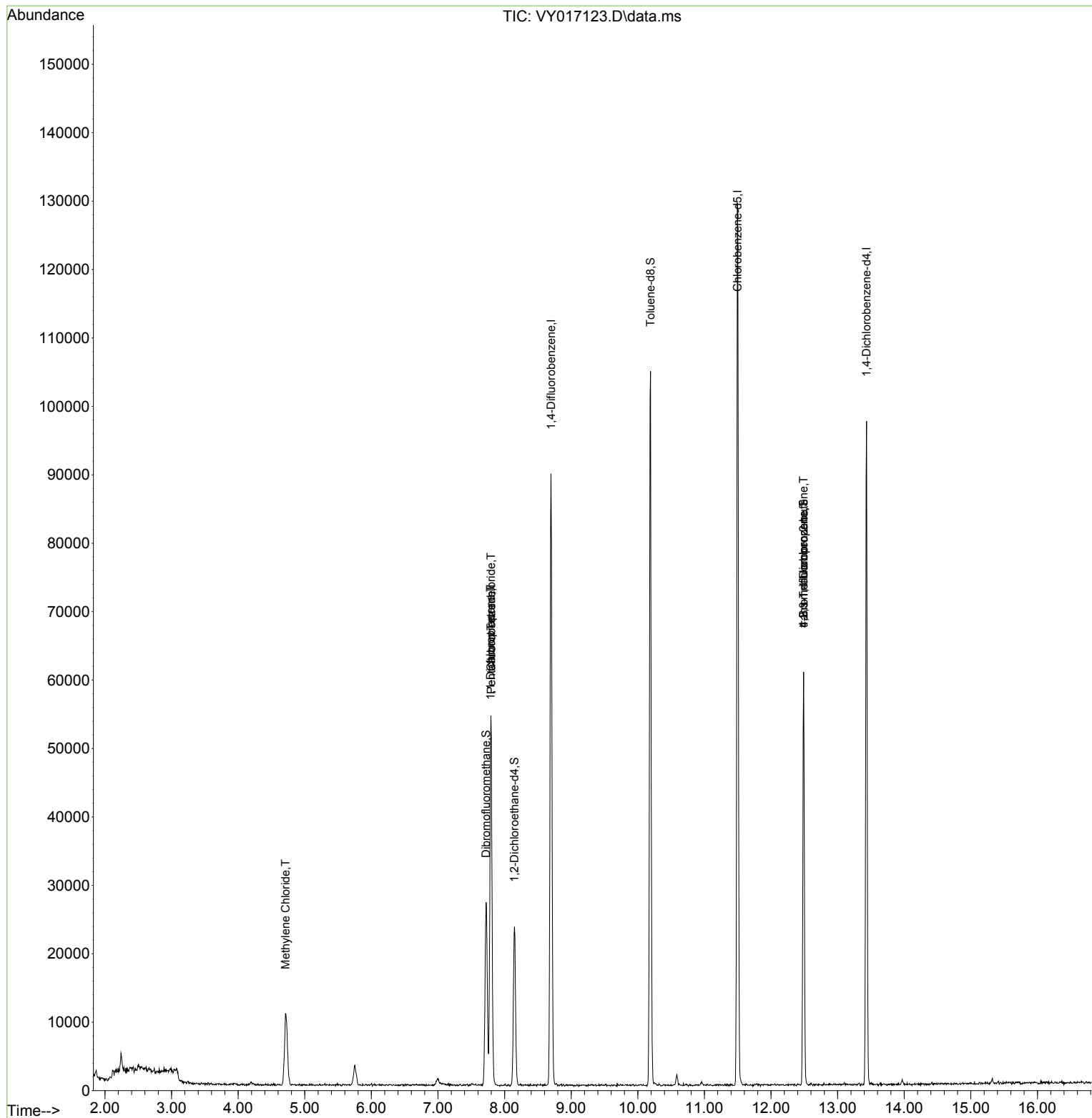
Internal Standards						
1) Pentafluorobenzene	7.801	168	40726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	70874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17757	44.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.500%
35) Dibromofluoromethane	7.722	113	19860	43.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.020%
50) Toluene-d8	10.191	98	68076	39.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.060%
62) 4-Bromofluorobenzene	12.489	95	18868	35.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.240%
Target Compounds						
3) Chloromethane	2.107	50	66	Below Cal	#	41
4) Vinyl Chloride	2.253	62	95	Below Cal	#	43
5) Bromomethane	2.656	94	104	Below Cal		84
16) Acetone	3.948	43	378	Below Cal	#	41
20) Methylene Chloride	4.710	84	7628	12.766	ug/l	96
25) 2-Butanone	7.009	43	24	Below Cal	#	48
31) Cyclohexane	7.801	56	1042	Below Cal	#	38
36) 1,1-Dichloropropene	7.789	75	3475	4.574	ug/l #	50
38) Carbon Tetrachloride	7.795	117	4087	5.489	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	10177	34.433	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	10177	89.143	ug/l #	12

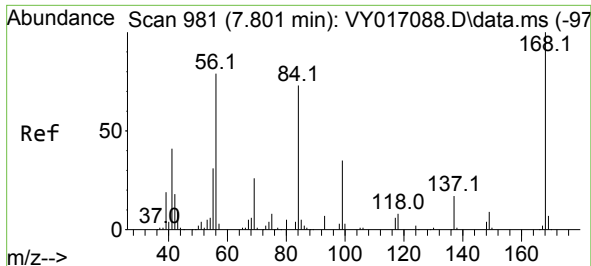
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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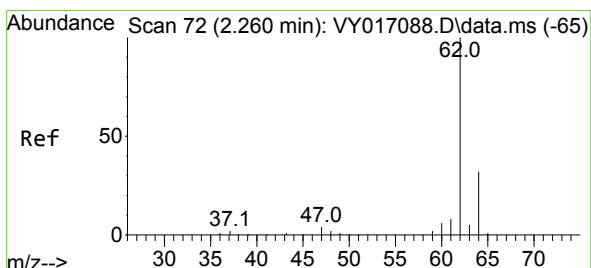
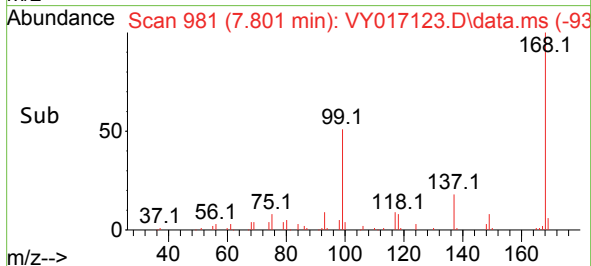
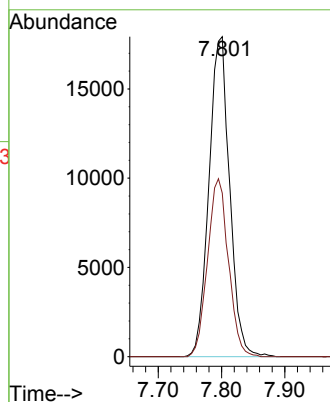
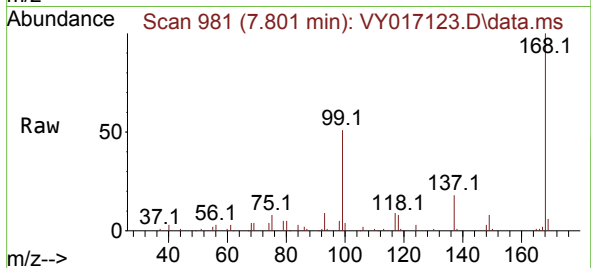




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

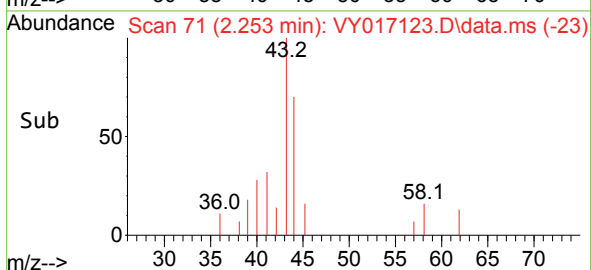
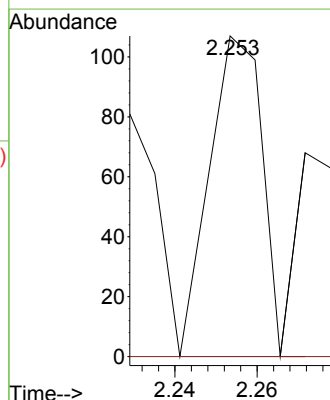
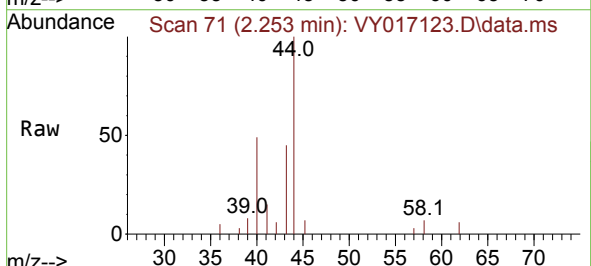
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

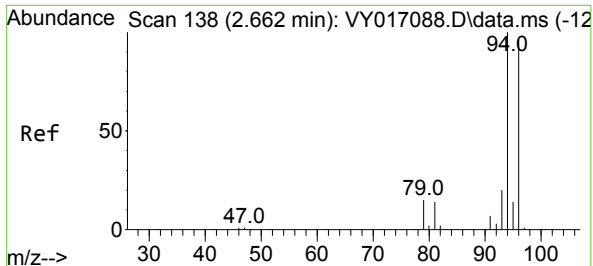
Tgt Ion:168 Resp: 40726
Ion Ratio Lower Upper
168 100
99 51.1 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion: 62 Resp: 95
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

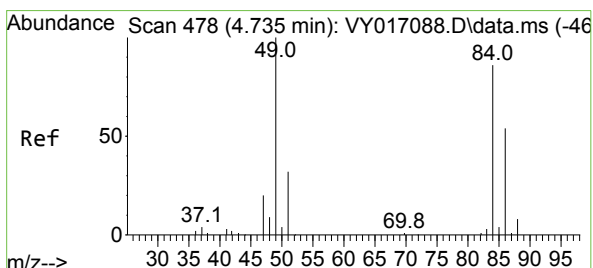
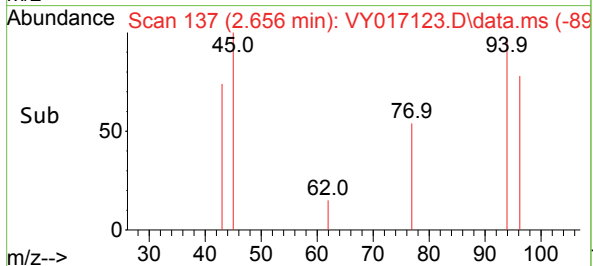
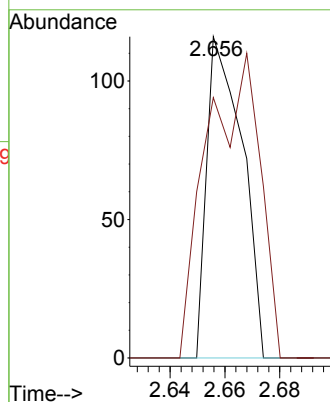
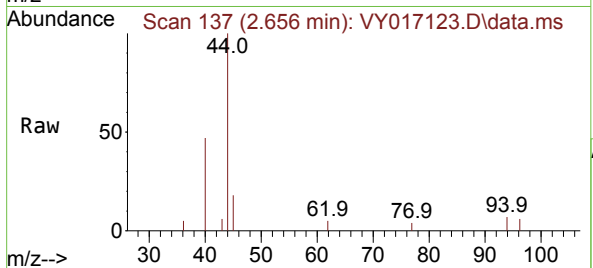
CL-02-012424RE

Tgt Ion: 94 Resp: 104

Ion Ratio Lower Upper

94 100

96 81.0 77.3 115.9



#20

Methylene Chloride

Concen: 12.766 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.024 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

Tgt Ion: 84 Resp: 7628

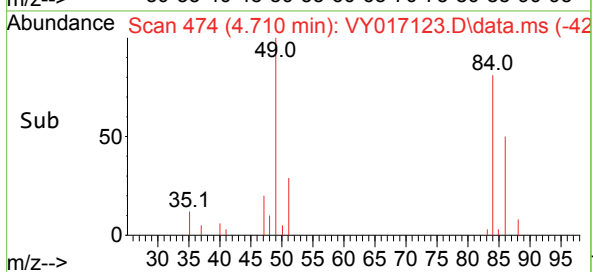
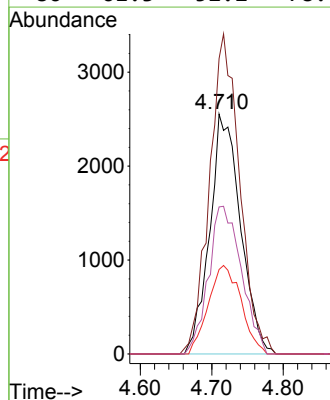
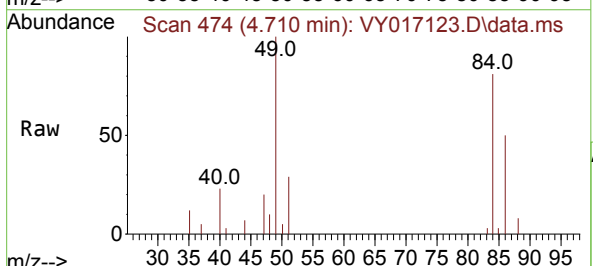
Ion Ratio Lower Upper

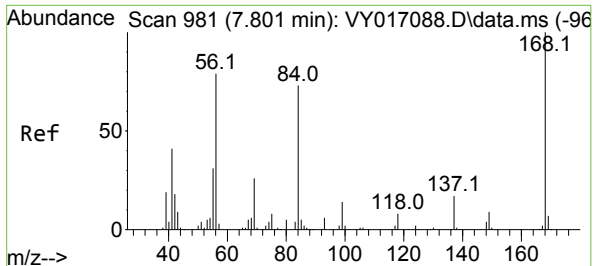
84 100

49 123.2 95.2 142.8

51 35.3 29.9 44.9

86 61.3 52.2 78.4

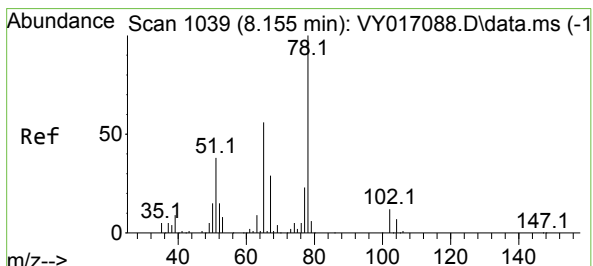
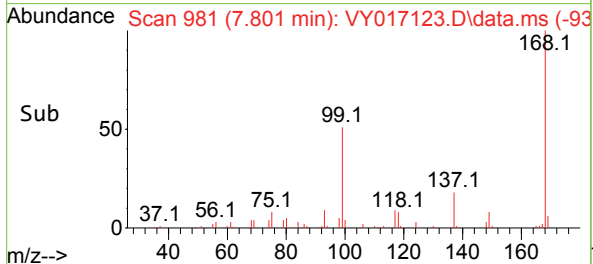
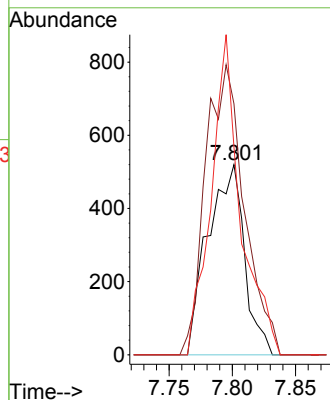
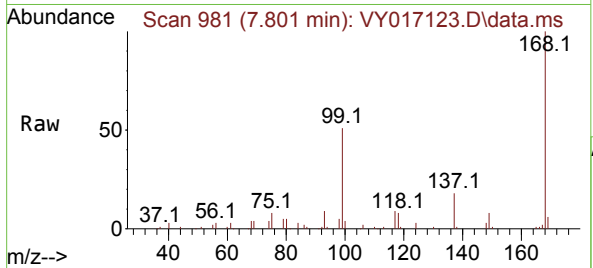




#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

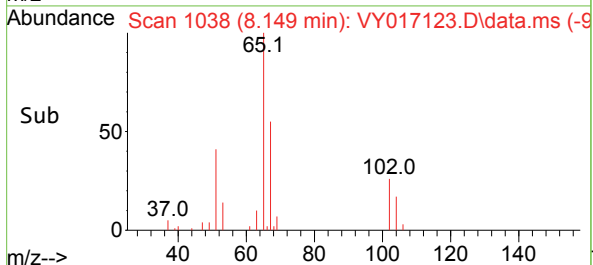
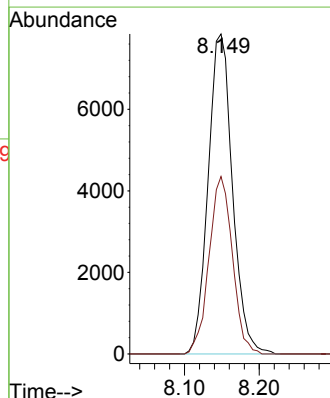
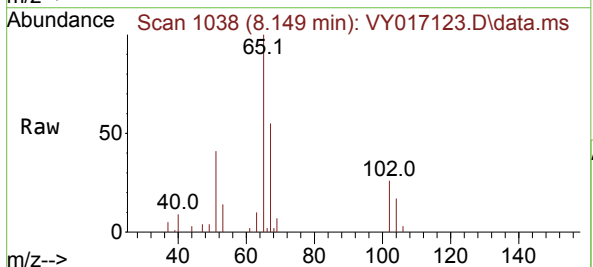
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

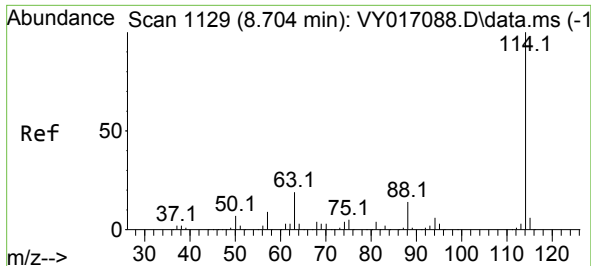
Tgt Ion: 56 Resp: 1042
Ion Ratio Lower Upper
56 100
69 131.9 27.0 40.6#
84 109.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 44.751 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion: 65 Resp: 17757
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-012424RE

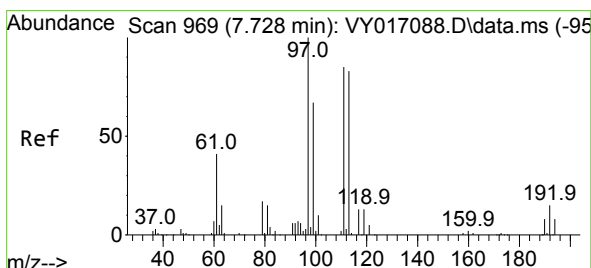
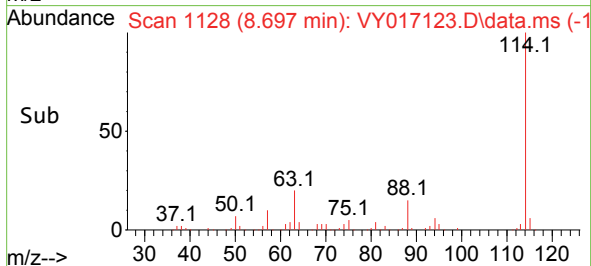
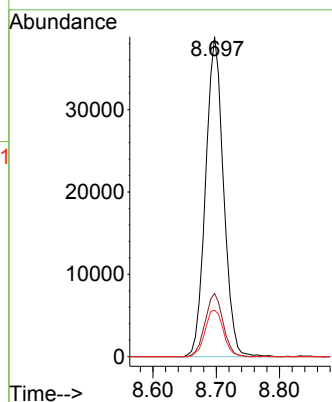
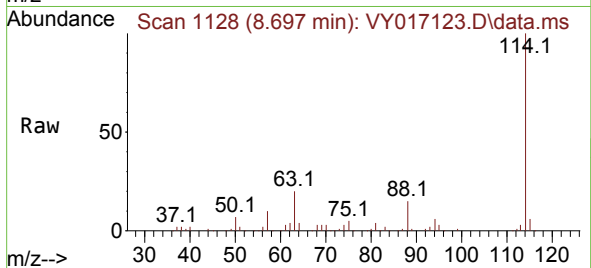
Tgt Ion:114 Resp: 76510

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.008 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

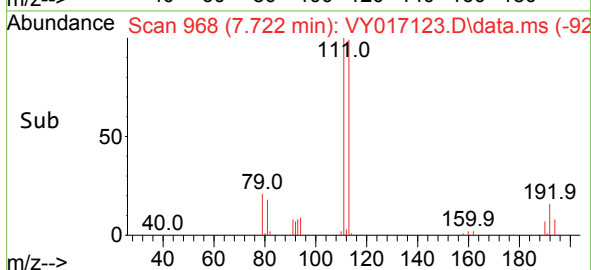
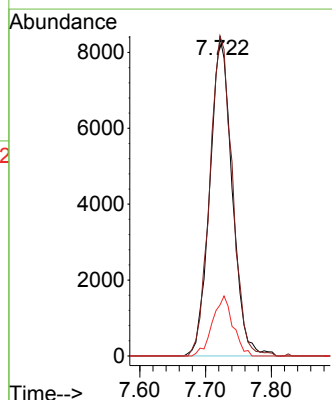
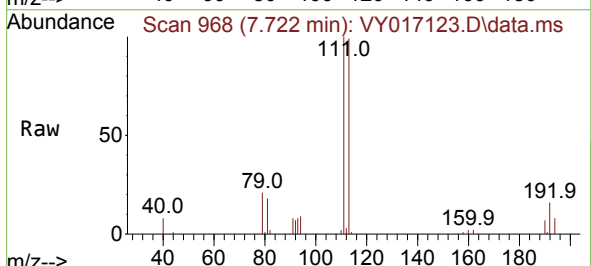
Tgt Ion:113 Resp: 19860

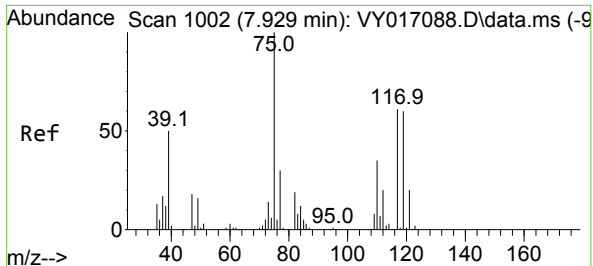
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 17.2 14.5 21.7

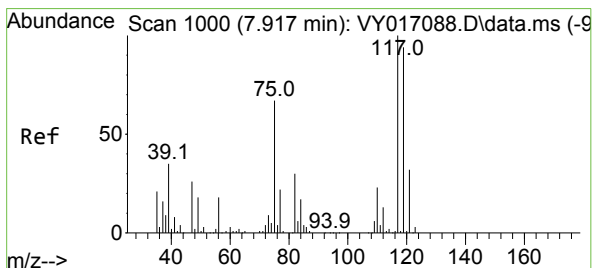
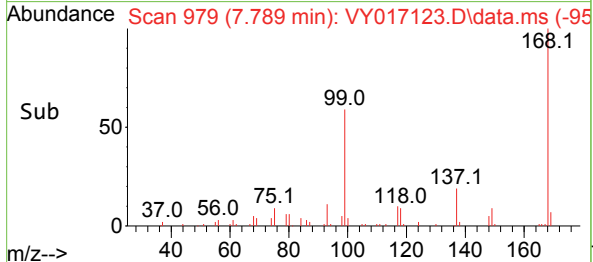
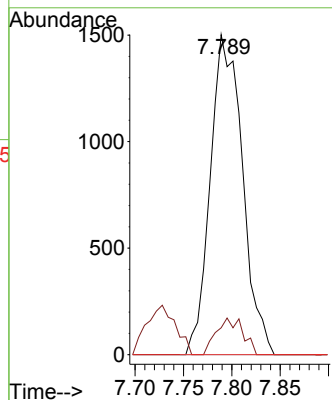
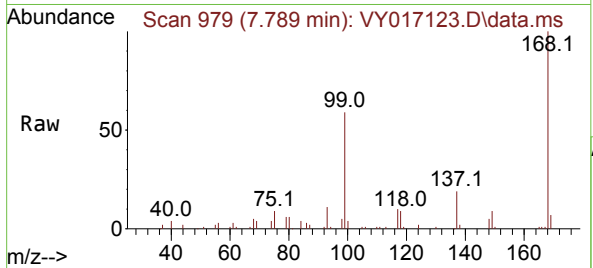




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY017123.D
 Acq: 26 Jan 2024 15:59

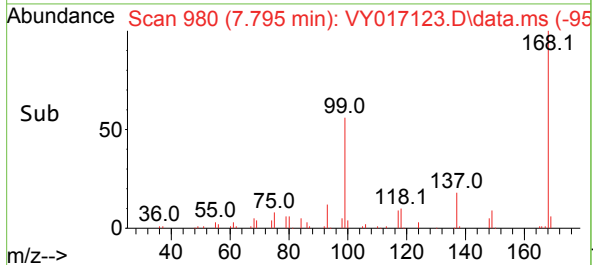
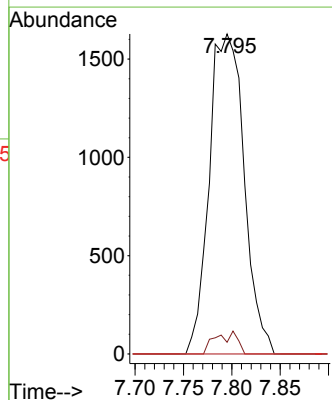
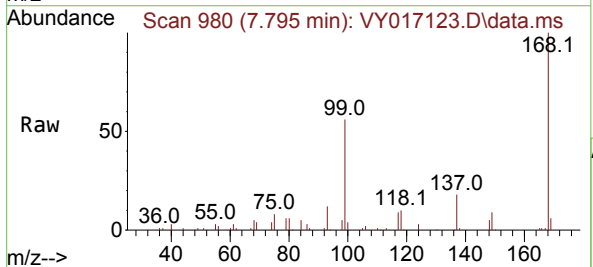
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012424RE

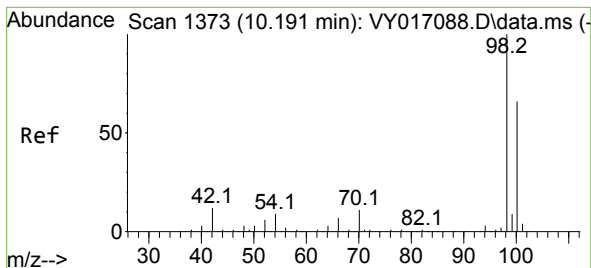
Tgt Ion: 75 Resp: 3475
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.489 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY017123.D
 Acq: 26 Jan 2024 15:59

Tgt Ion: 117 Resp: 4087
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.032 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

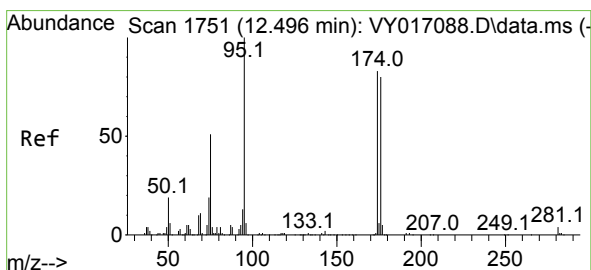
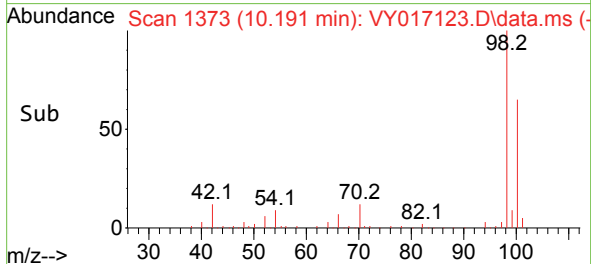
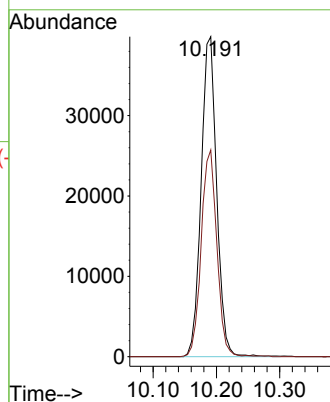
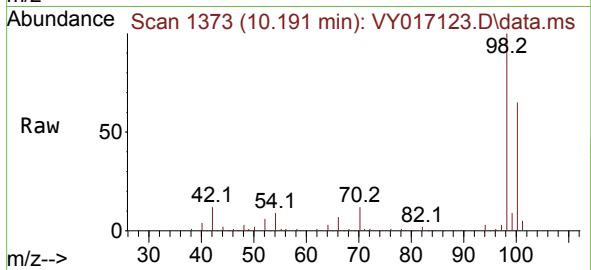
CL-02-012424RE

Tgt Ion: 98 Resp: 68076

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.117 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

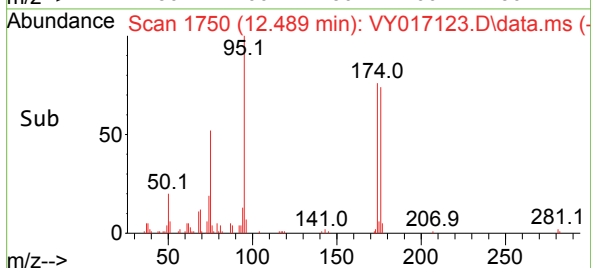
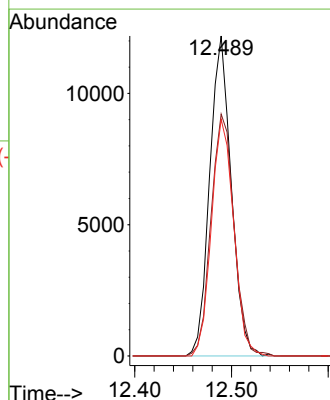
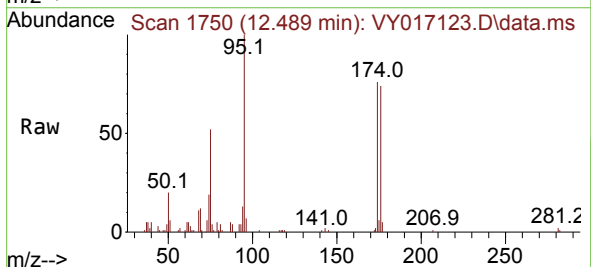
Tgt Ion: 95 Resp: 18868

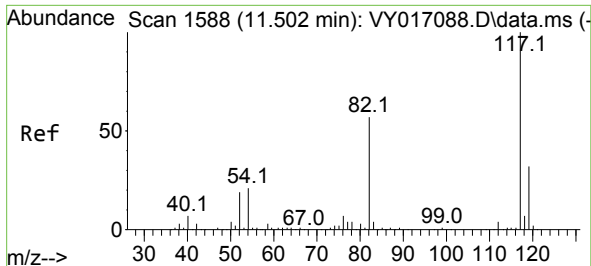
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.0

176 76.3 0.0 151.8

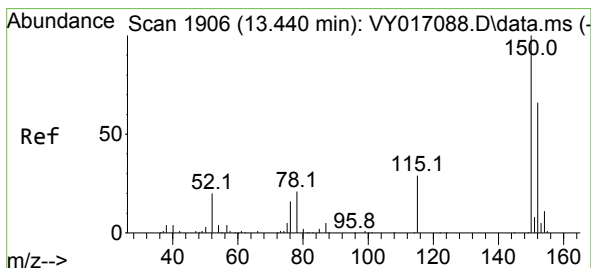
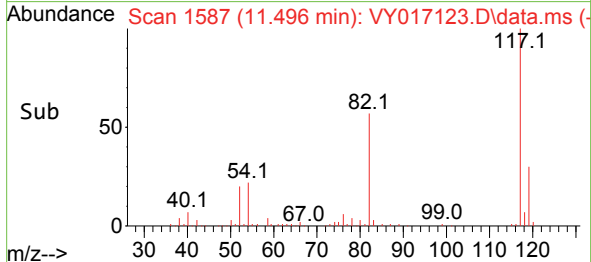
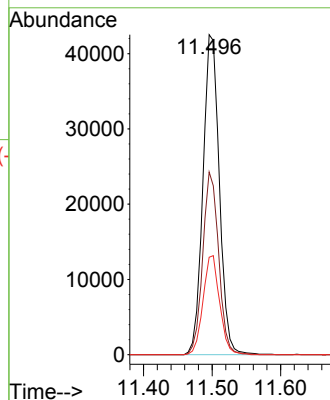
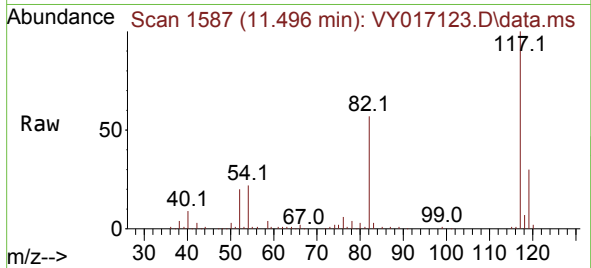




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

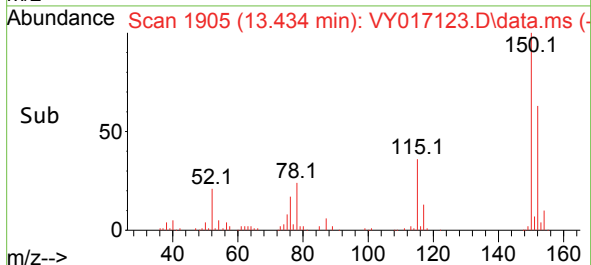
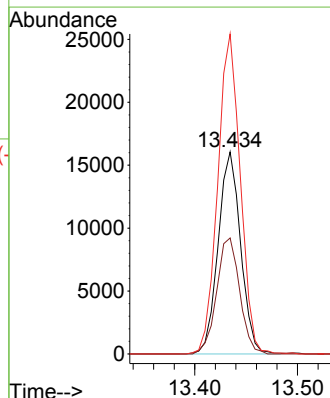
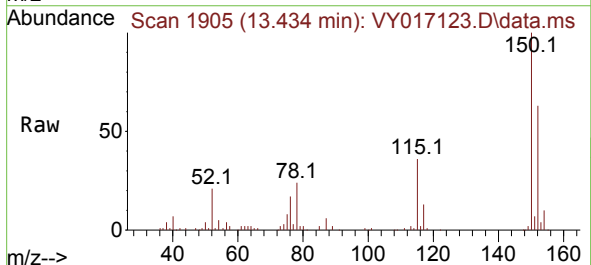
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

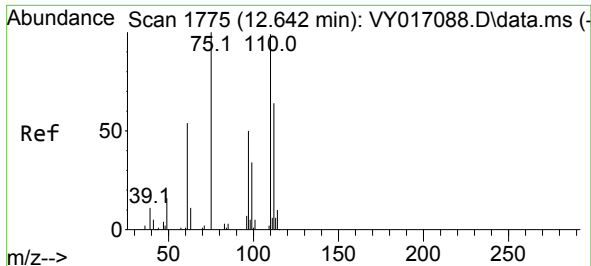
Tgt Ion:117 Resp: 70874
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion:152 Resp: 24350
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 158.9 0.0 344.6

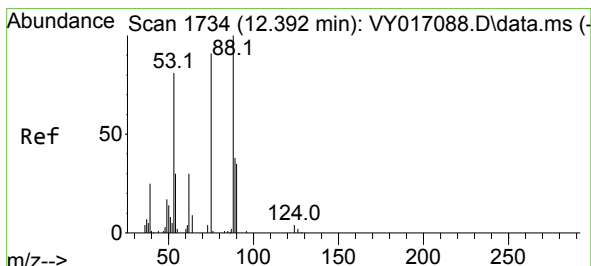
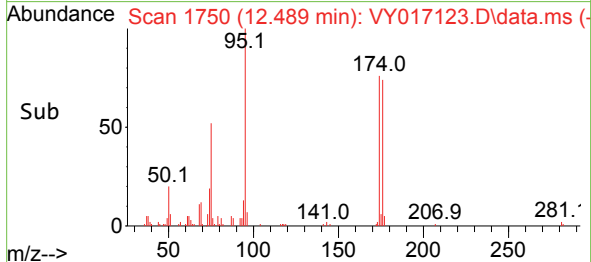
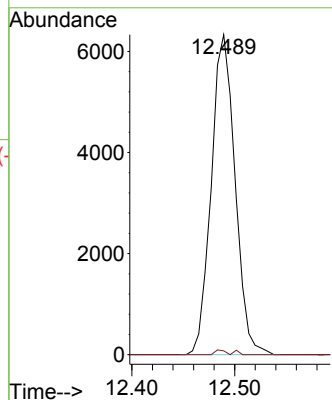
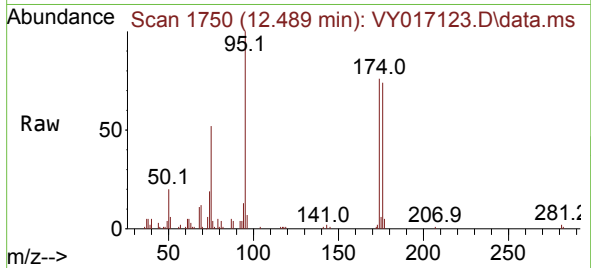




#76
1,2,3-Trichloropropane
Concen: 34.433 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.143 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

