

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017813.D
 Acq On : 02 Apr 2024 09:27
 Operator : SY/MD
 Sample : VY0402SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Quant Time: Apr 03 02:01:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

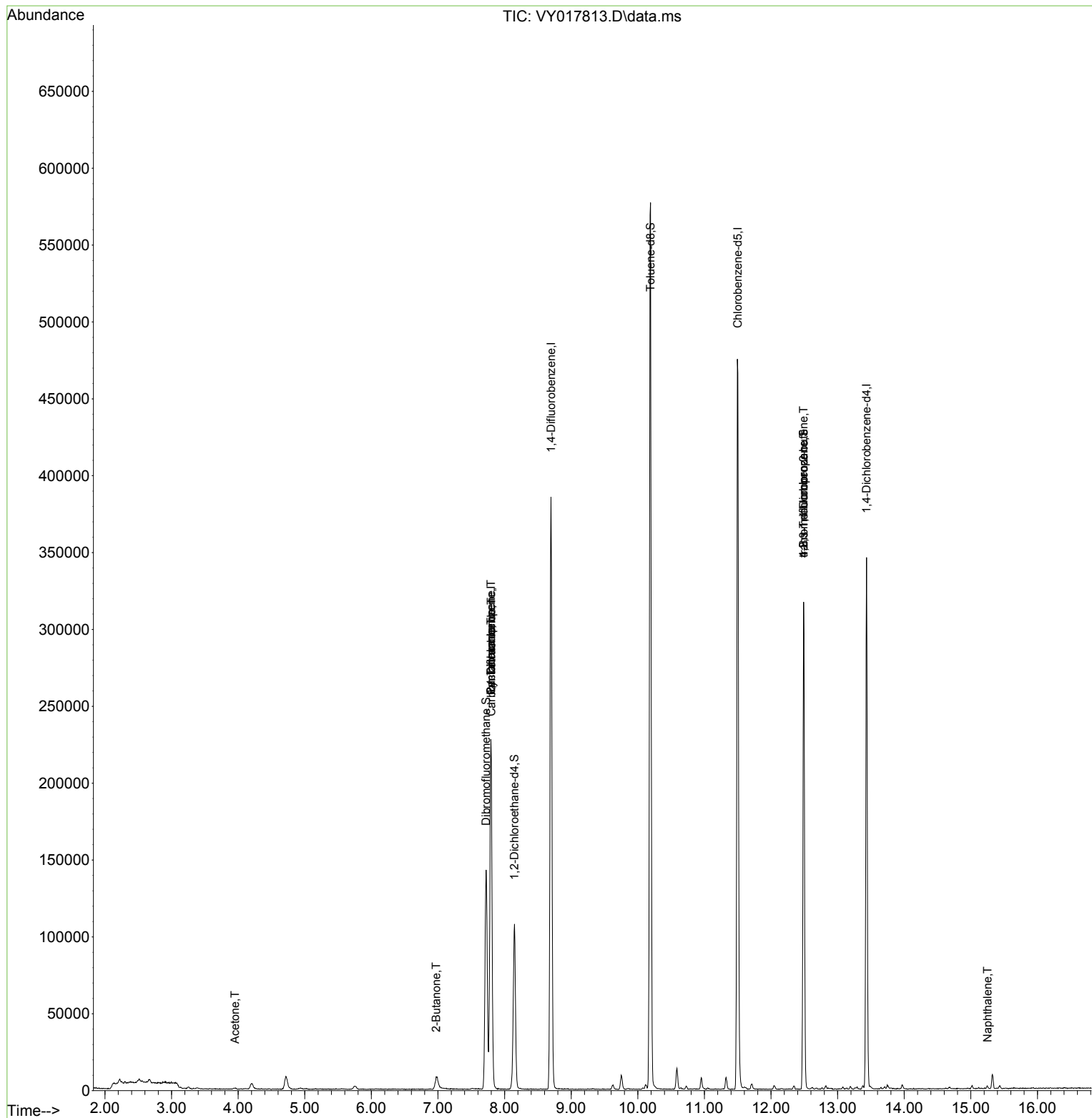
Internal Standards						
1) Pentafluorobenzene	7.795	168	185402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	270473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82157	51.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.420%	
35) Dibromofluoromethane	7.722	113	103383	52.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.760%	
50) Toluene-d8	10.191	98	393805	53.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.489	95	88990	39.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	254	Below Cal	#	88
16) Acetone	3.954	43	1222	3.685	ug/l	91
25) 2-Butanone	6.972	43	474	1.003	ug/l #	41
31) Cyclohexane	7.795	56	4120	1.458	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	14840	5.153	ug/l #	47
38) Carbon Tetrachloride	7.801	117	17309	5.789	ug/l #	17
48) Methyl methacrylate	9.331	41	73	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.081	43	602	Below Cal		90
56) Ethyl methacrylate	10.654	69	42	Below Cal	#	1
59) 2-Hexanone	10.843	43	309	Below Cal	#	42
69) o-Xylene	12.038	106	406	Below Cal		94
70) Styrene	12.056	104	974	Below Cal	#	88
74) N-amyl acetate	12.160	43	363	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.489	75	47227	58.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	47227	112.693	ug/l #	16
95) Naphthalene	15.251	128	1544	1.578	ug/l #	97

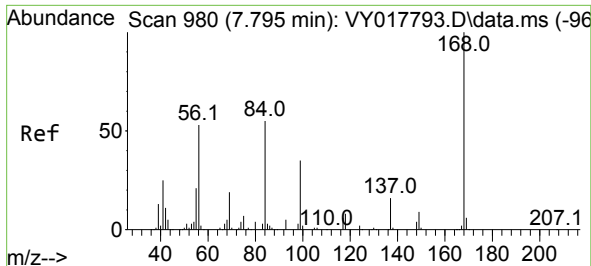
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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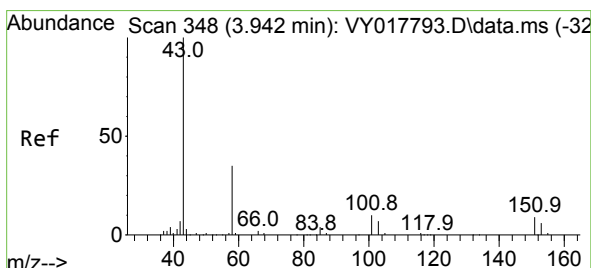
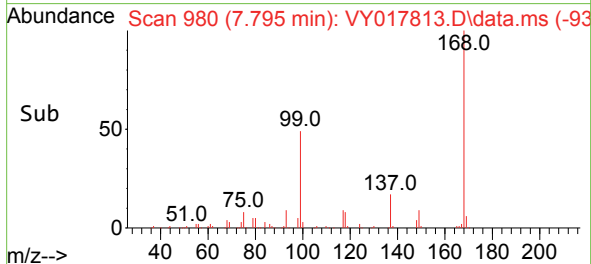
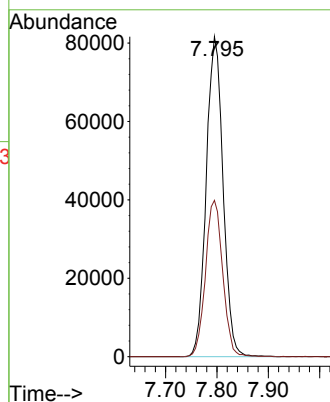
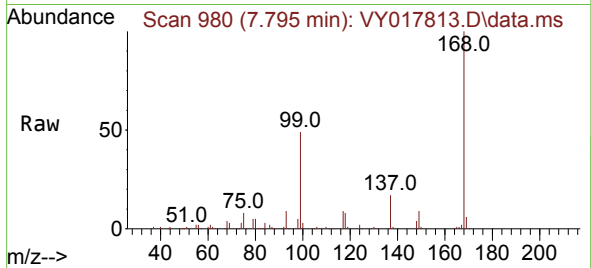




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

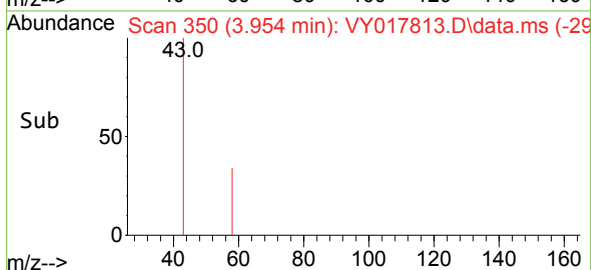
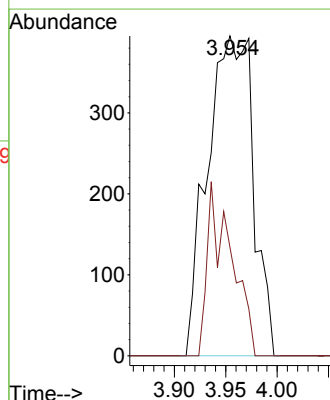
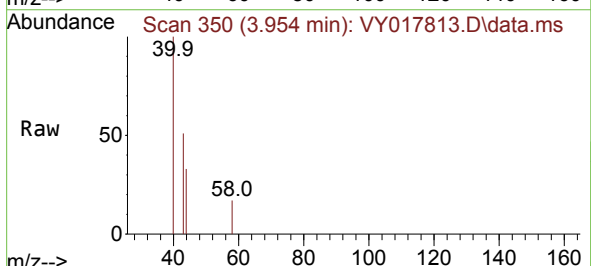
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

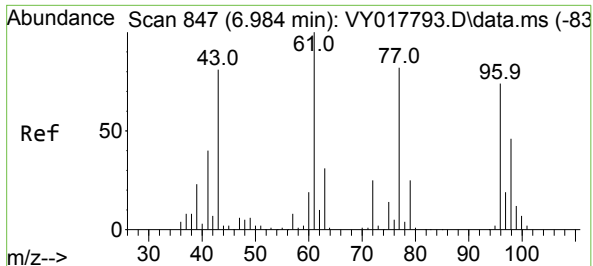
Tgt Ion:168 Resp: 185402
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#16
Acetone
Concen: 3.685 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 33.9 31.7 47.5





#25

2-Butanone

Concen: 1.003 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY017813.D

Acq: 02 Apr 2024 09:27

Instrument :

MSVOA_Y

ClientSampleId :

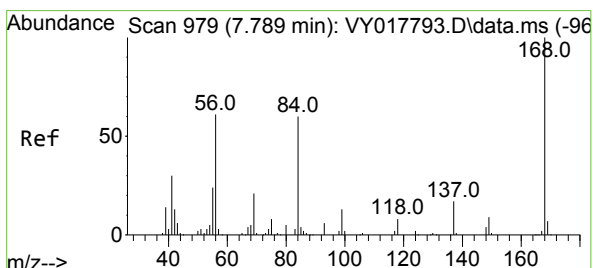
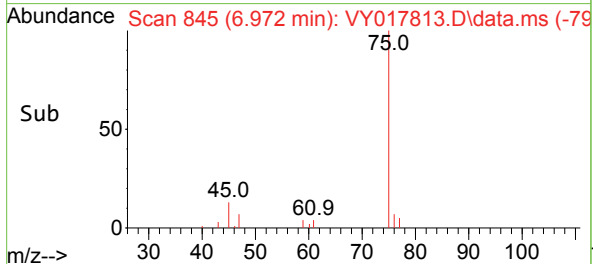
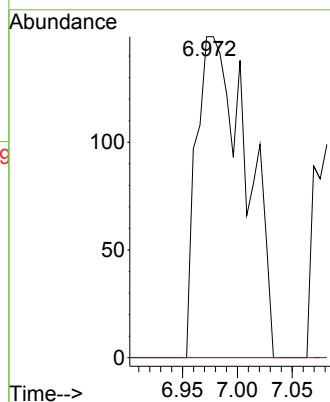
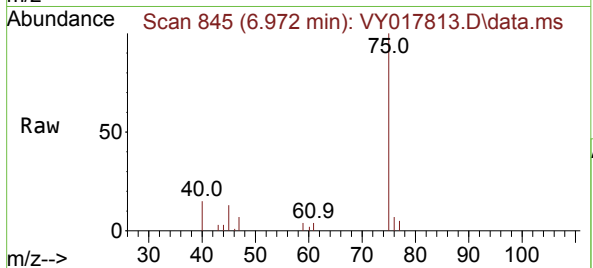
VY0402SBL01

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.458 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017813.D

Acq: 02 Apr 2024 09:27

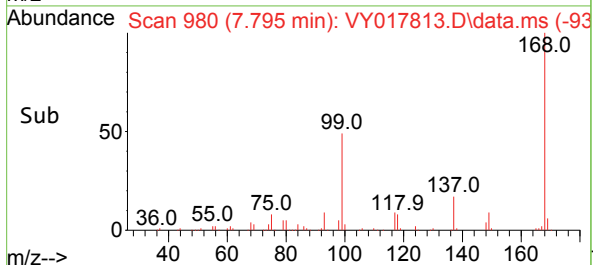
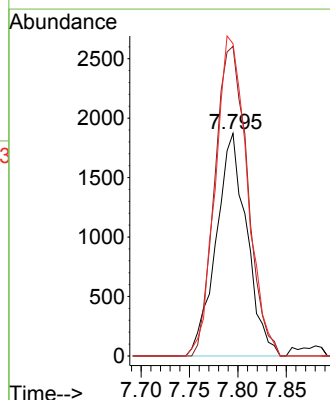
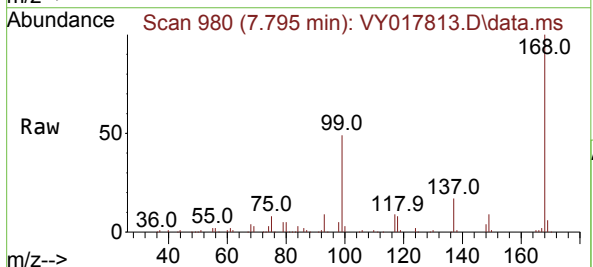
Tgt Ion: 56 Resp: 4120

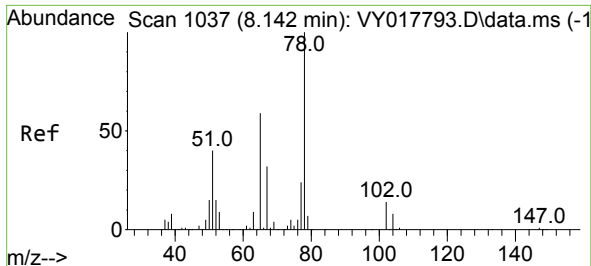
Ion Ratio Lower Upper

56 100

69 139.2 28.7 43.1#

84 140.4 77.7 116.5#

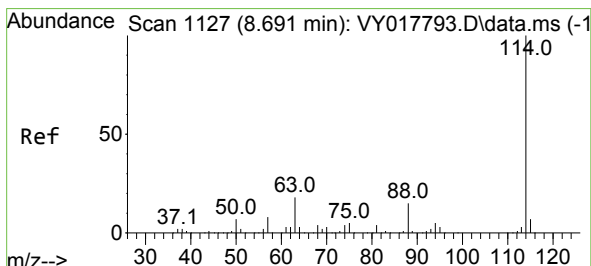
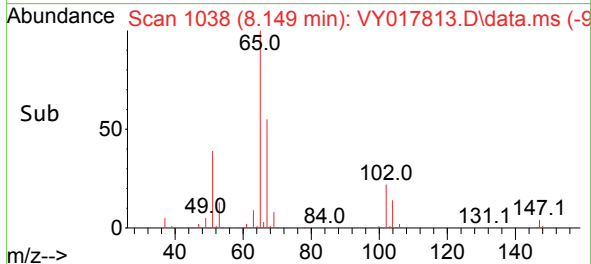
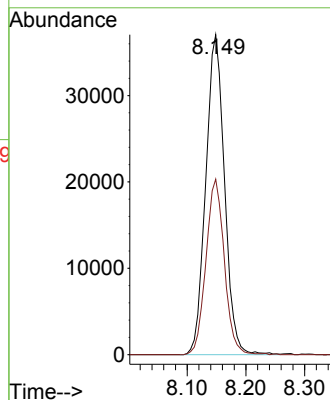
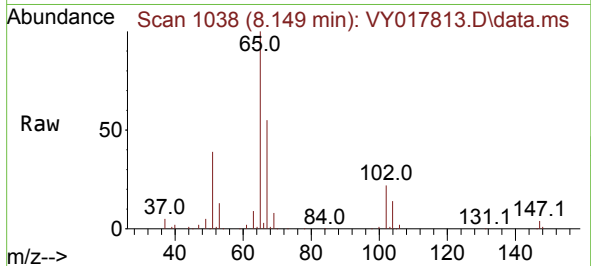




#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

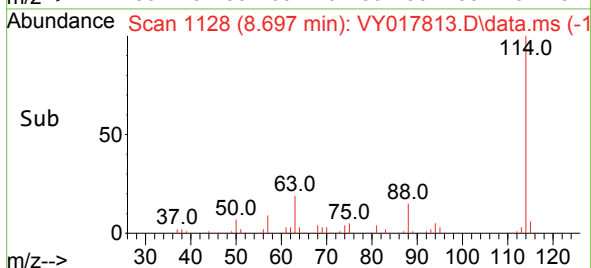
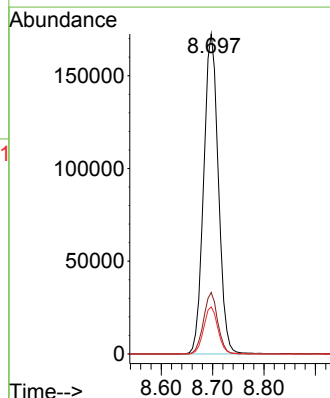
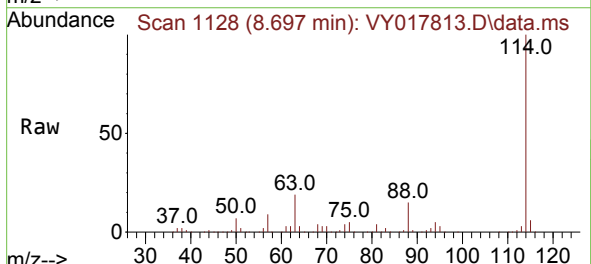
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

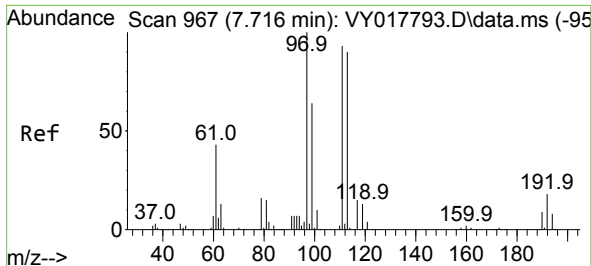
Tgt Ion: 65 Resp: 82157
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 114 Resp: 341590
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.0
88 14.7 0.0 27.2

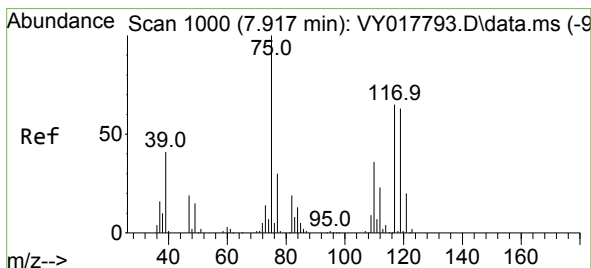
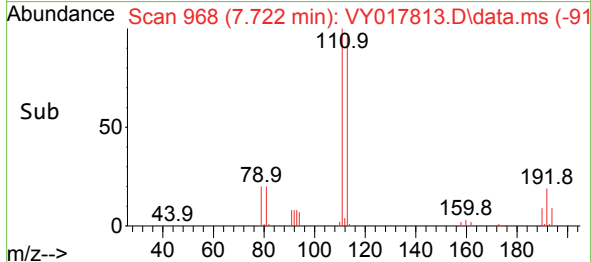
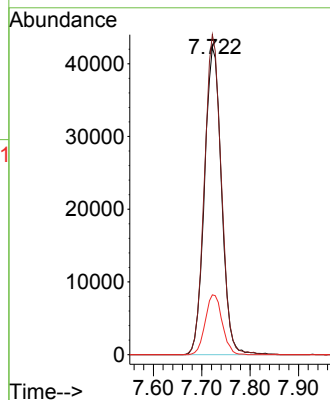
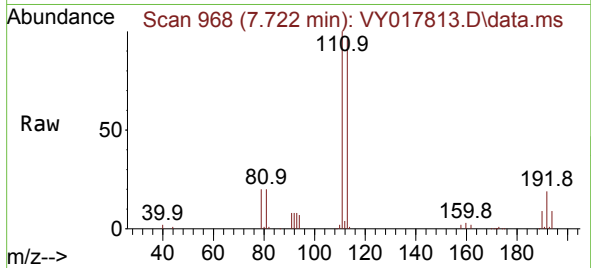




#35
Dibromofluoromethane
Concen: 52.376 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

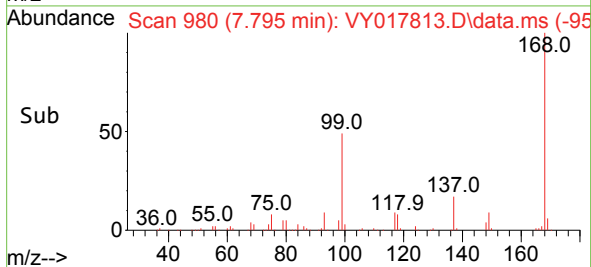
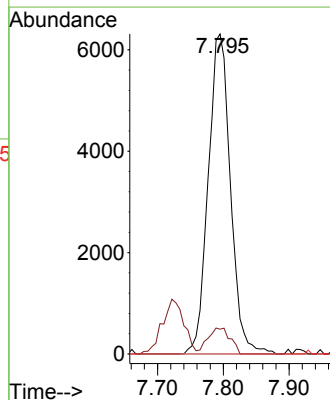
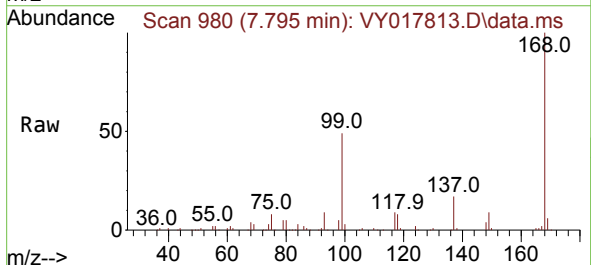
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

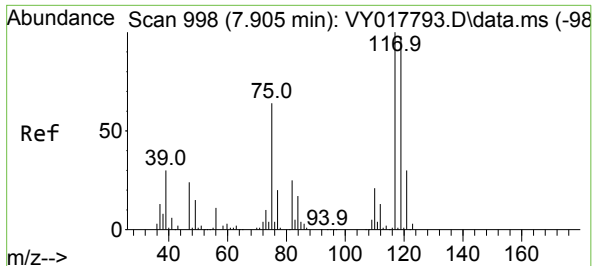
Tgt Ion:113 Resp: 103383
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

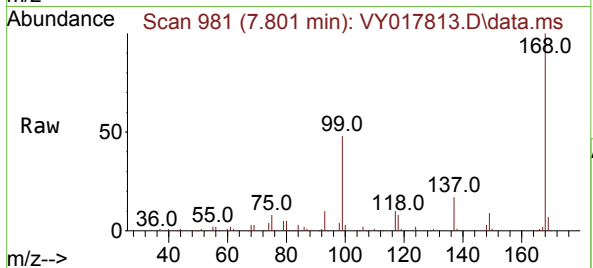
Tgt Ion: 75 Resp: 14840
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



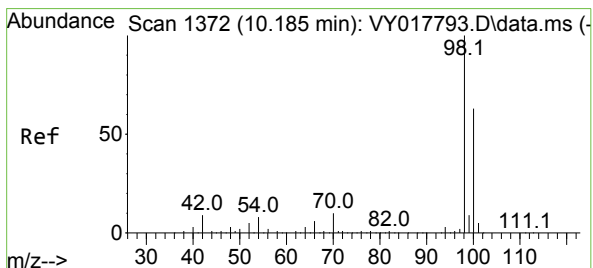
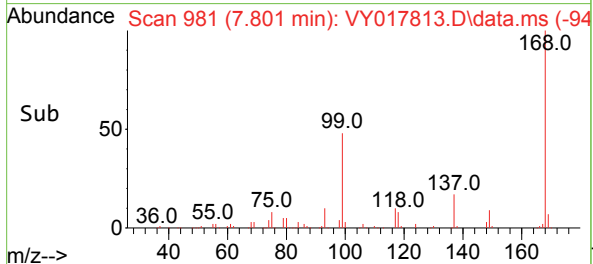
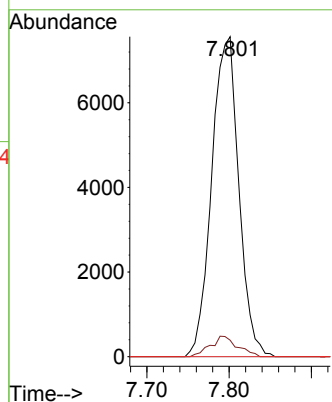


#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

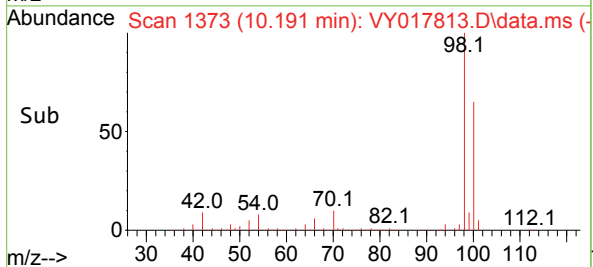
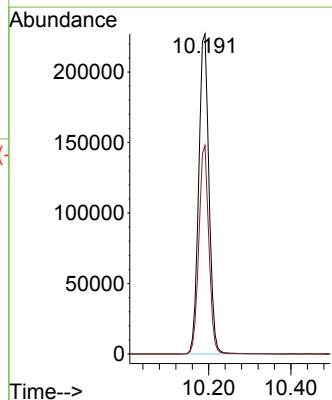
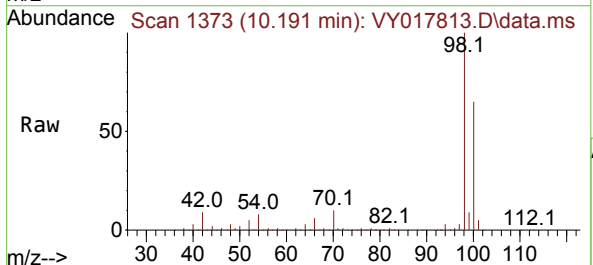


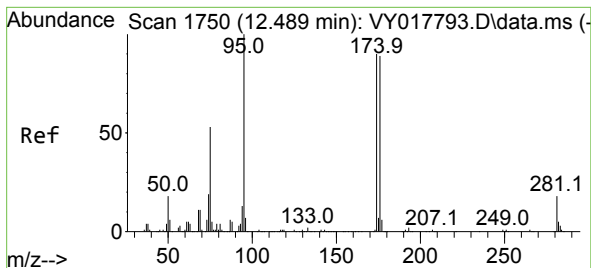
Tgt Ion:117 Resp: 17309
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.410 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 98 Resp: 393805
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

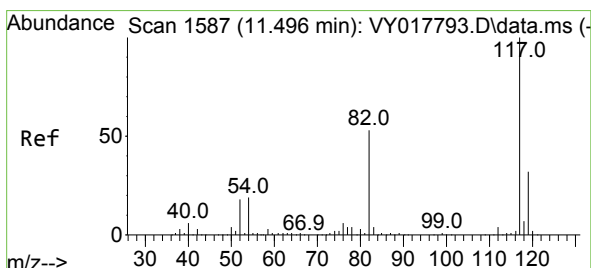
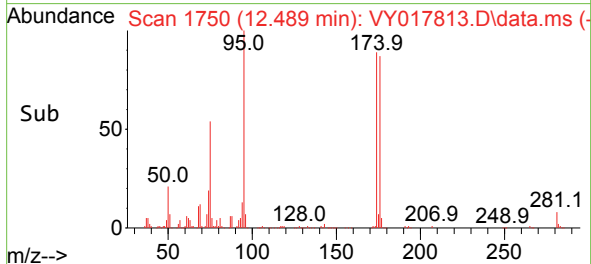
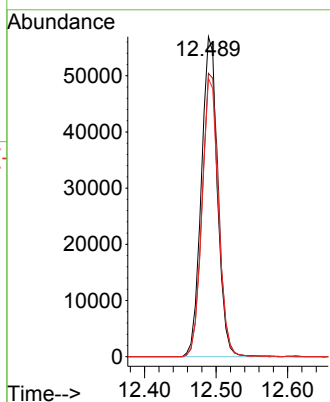
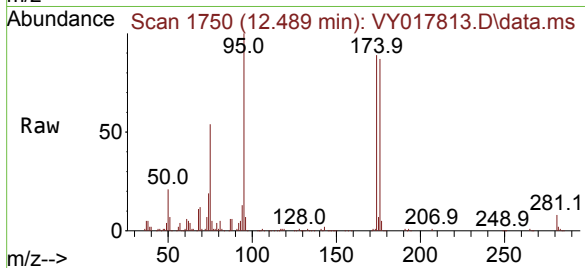




#62
4-Bromofluorobenzene
Concen: 39.669 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

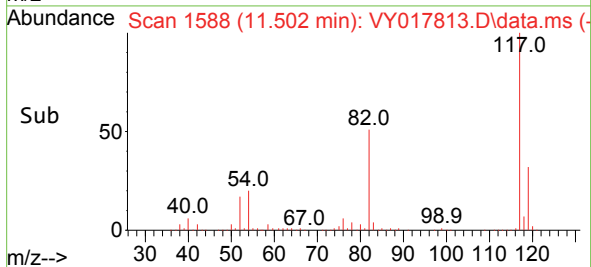
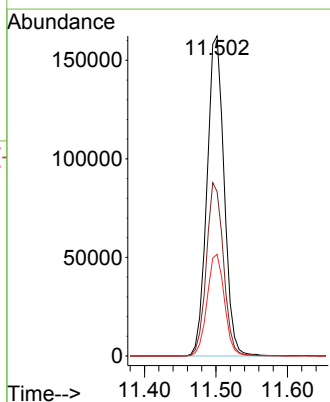
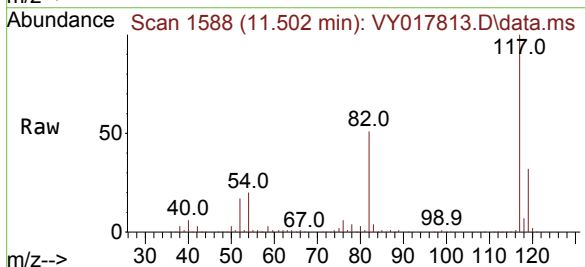
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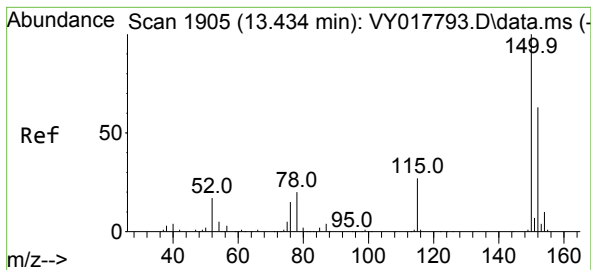
Tgt Ion: 95 Resp: 88990
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 117 Resp: 270473
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017813.D

Acq: 02 Apr 2024 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBL01

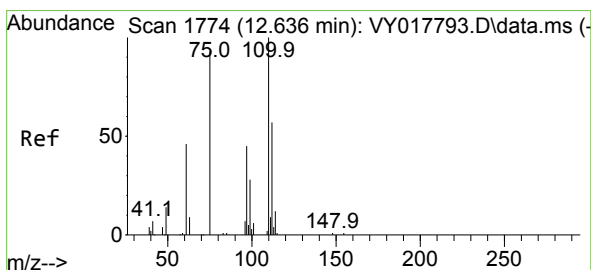
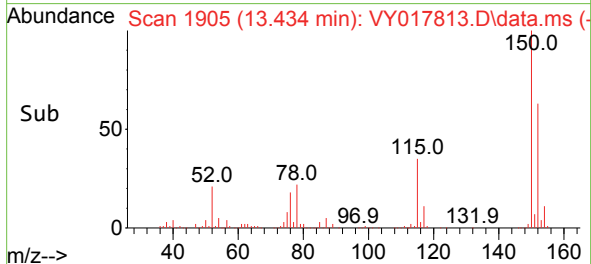
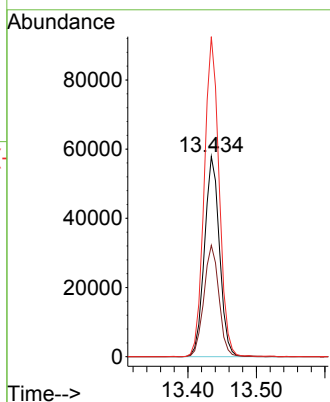
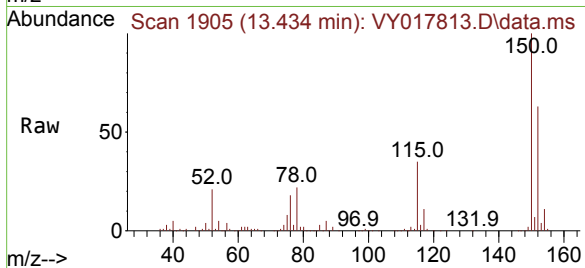
Tgt Ion:152 Resp: 88212

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 158.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.752 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017813.D

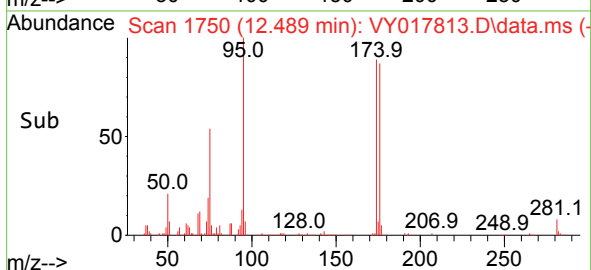
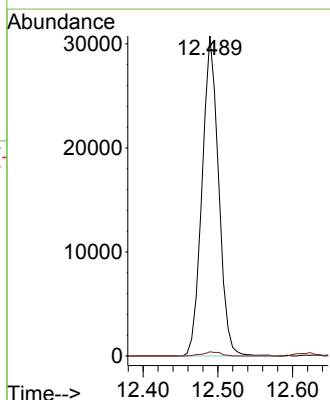
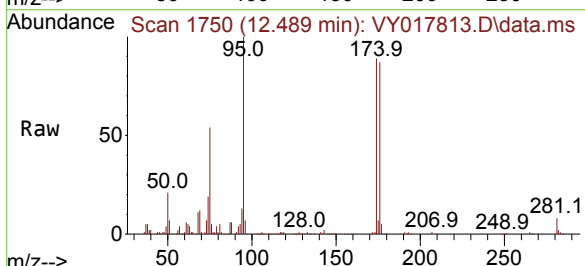
Acq: 02 Apr 2024 09:27

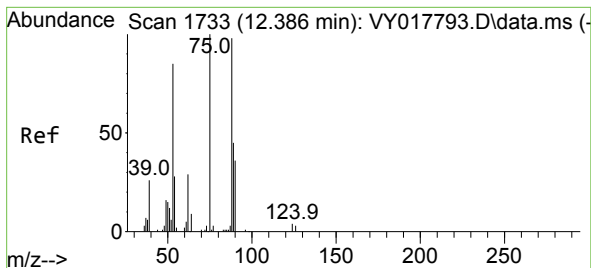
Tgt Ion: 75 Resp: 47227

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

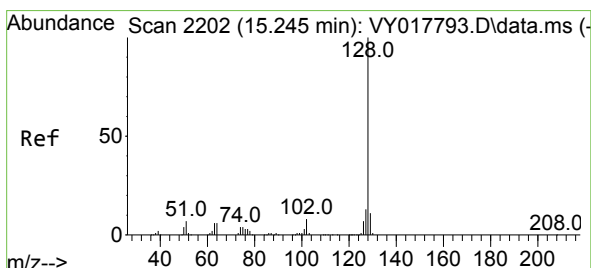
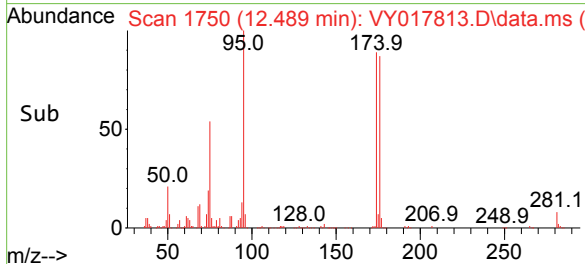
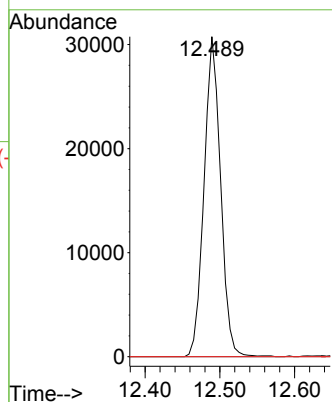
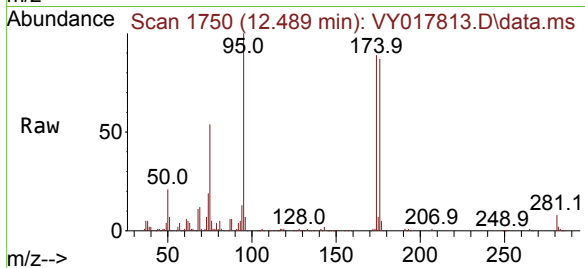




#81
trans-1,4-Dichloro-2-butene
Concen: 112.693 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

Tgt Ion: 75 Resp: 47227
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.578 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 128 Resp: 1544
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 8.5 8.6 13.0#

