

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017974.D
 Acq On : 18 Apr 2024 14:27
 Operator : SY/MD
 Sample : P2147-09
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-5

Quant Time: Apr 19 02:01:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

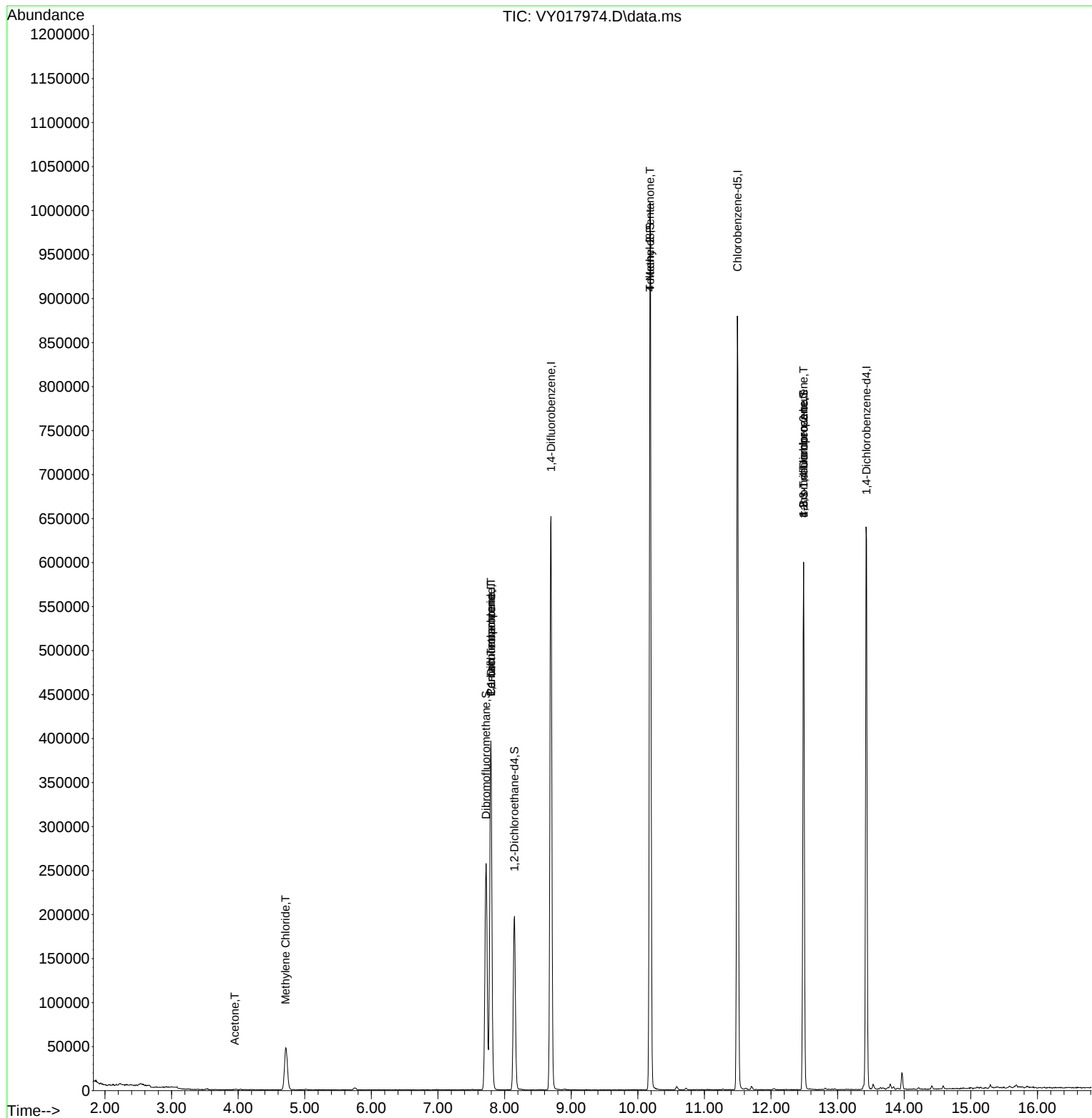
Internal Standards						
1) Pentafluorobenzene	7.795	168	338220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	601818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	525360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	183129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152018	51.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.88%
35) Dibromofluoromethane	7.722	113	189973	51.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.34%
50) Toluene-d8	10.185	98	687024	48.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.54%
62) 4-Bromofluorobenzene	12.489	95	176765	40.51	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.02%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	82	Below Cal	#	88
16) Acetone	3.948	43	1188	2.05	ug/l #	76
20) Methylene Chloride	4.710	84	40373	10.30	ug/l	99
36) 1,1-Dichloropropene	7.795	75	23242	4.30	ug/l #	47
38) Carbon Tetrachloride	7.795	117	30086	5.52	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2319	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	86307	50.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	86307	103.55	ug/l #	16

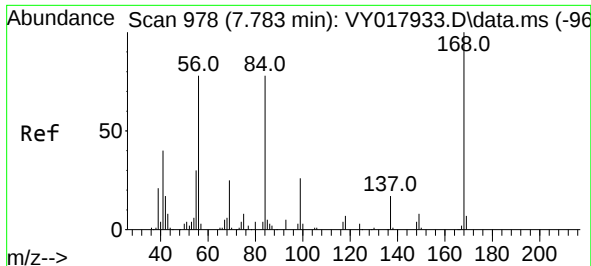
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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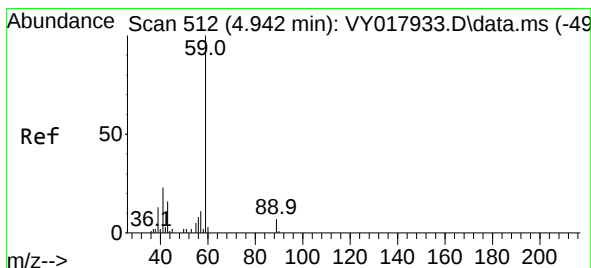
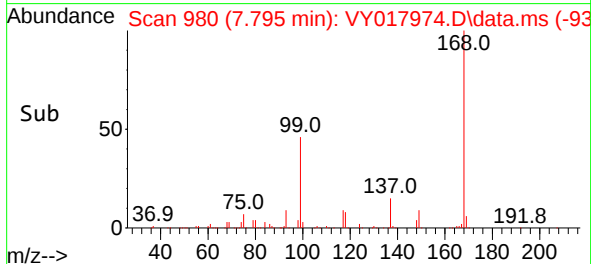
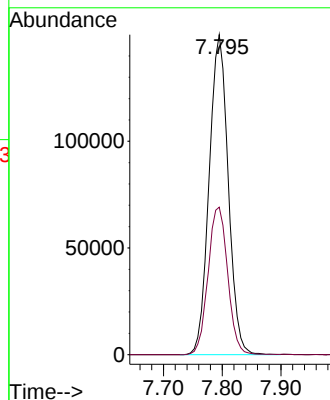
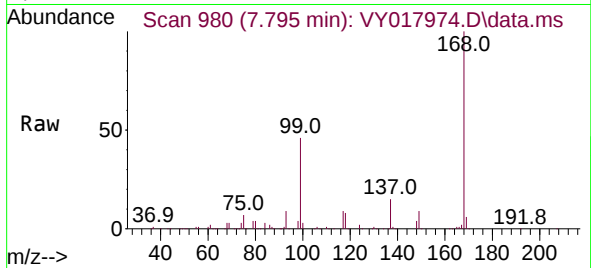




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

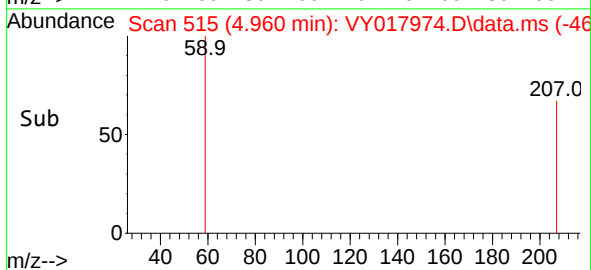
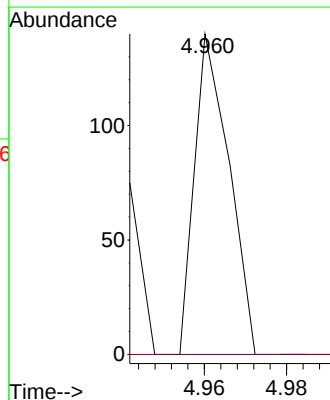
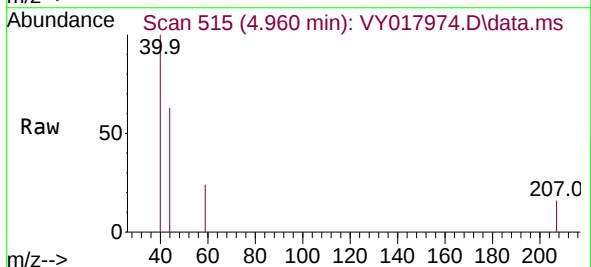
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

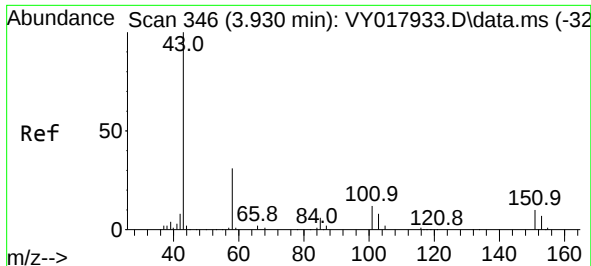
Tgt Ion:168 Resp: 338220
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

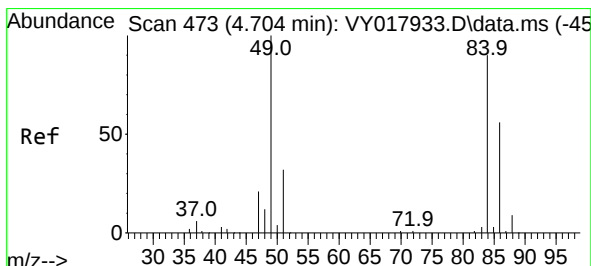
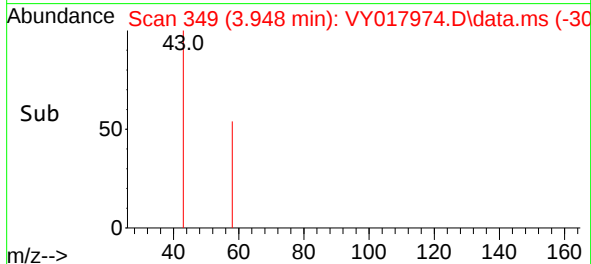
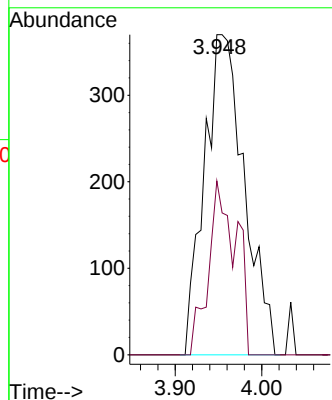
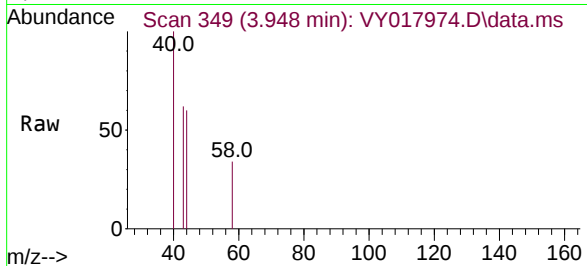




#16
Acetone
Concen: 2.05 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

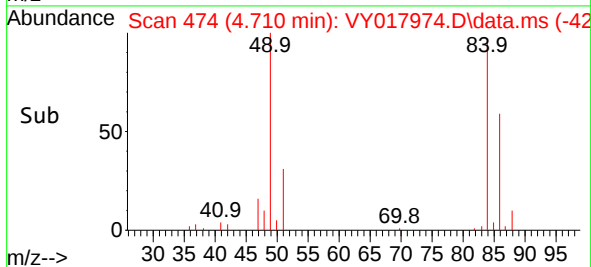
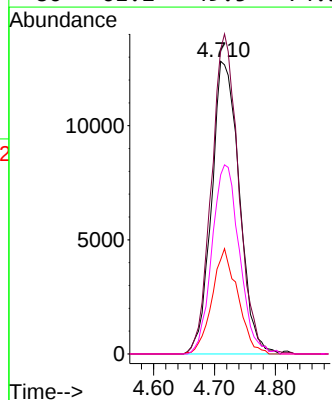
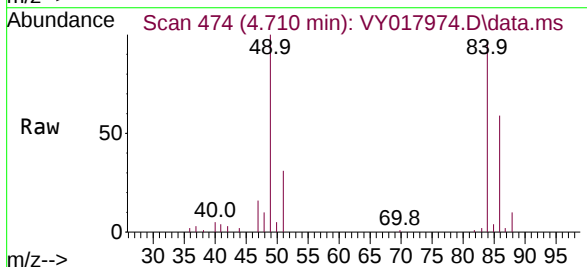
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

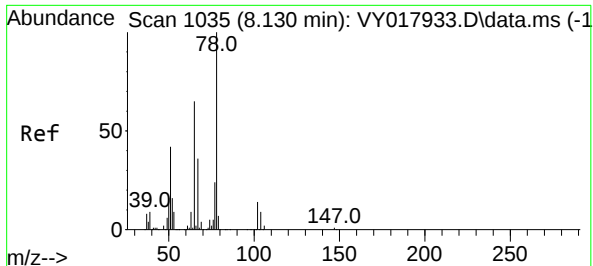
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 54.3 31.7 47.5#



#20
Methylene Chloride
Concen: 10.30 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 84 Resp: 40373
Ion Ratio Lower Upper
84 100
49 104.1 84.4 126.6
51 32.2 26.0 39.0
86 61.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 51.94 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017974.D

Acq: 18 Apr 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

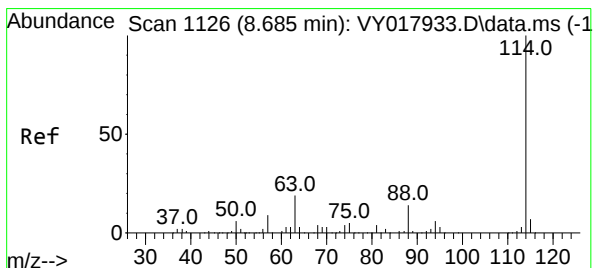
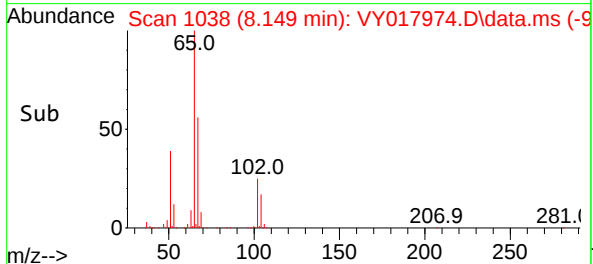
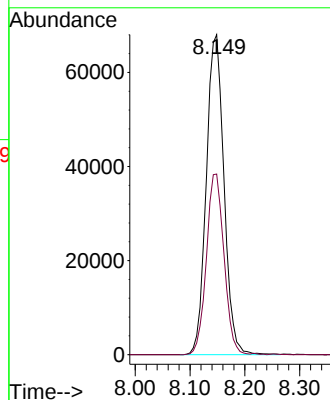
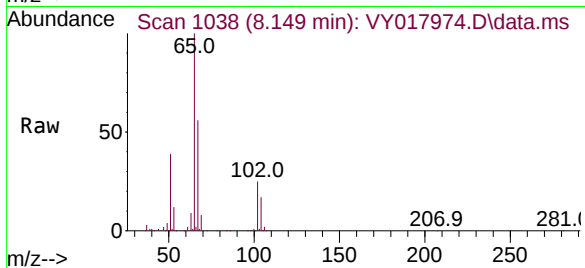
GRAB-5

Tgt Ion: 65 Resp: 152018

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017974.D

Acq: 18 Apr 2024 14:27

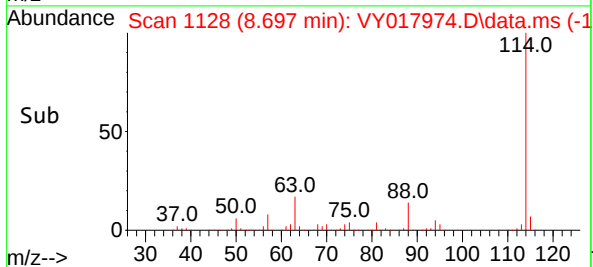
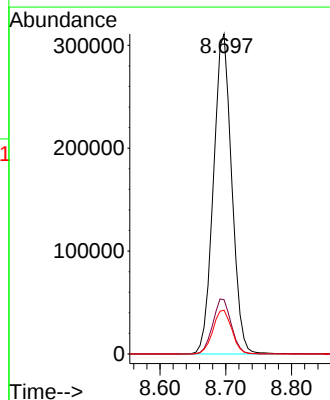
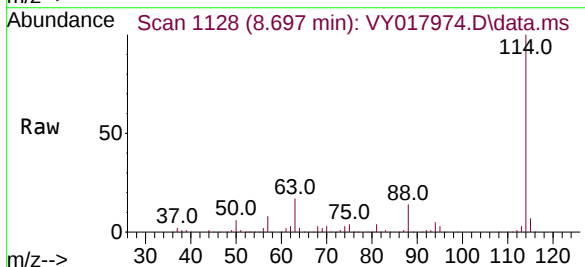
Tgt Ion: 114 Resp: 601818

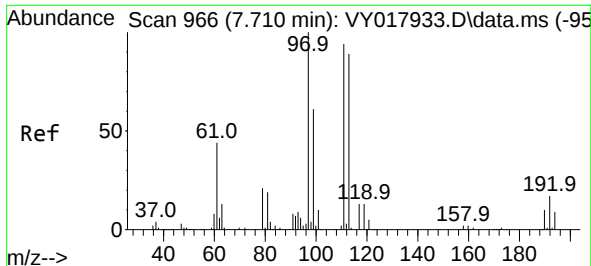
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.7 0.0 27.2

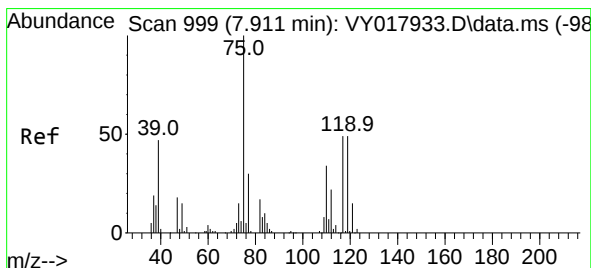
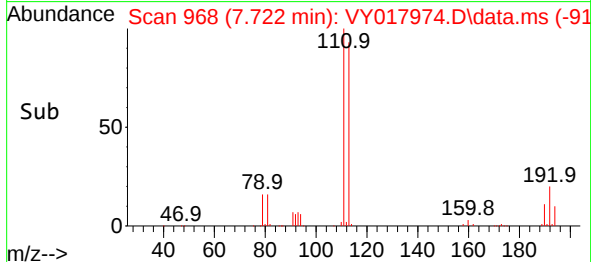
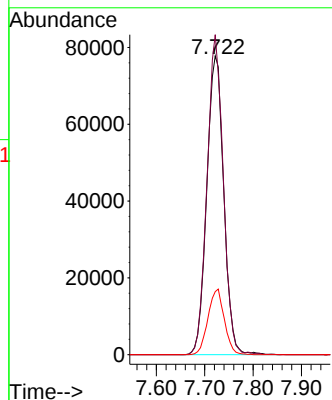
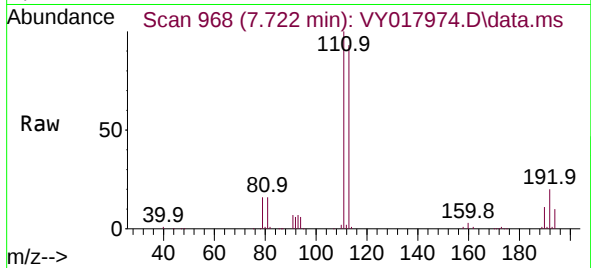




#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

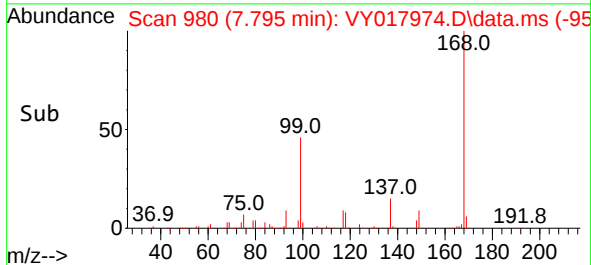
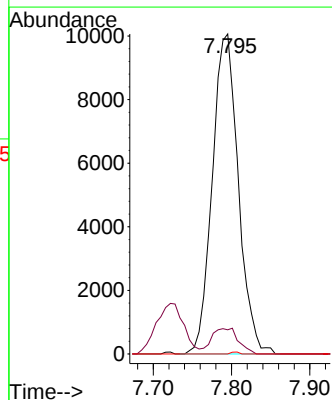
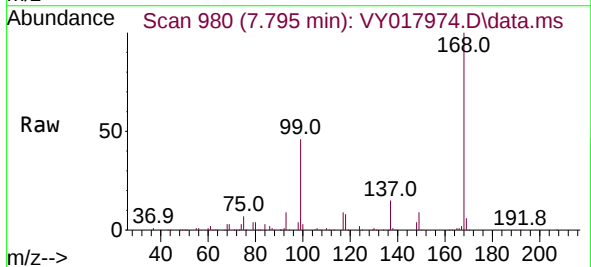
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

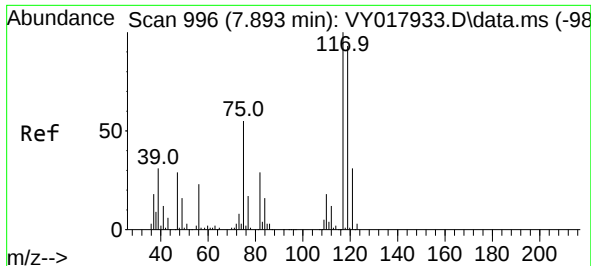
Tgt Ion:113 Resp: 189973
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 75 Resp: 23242
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.2 25.3 37.9#

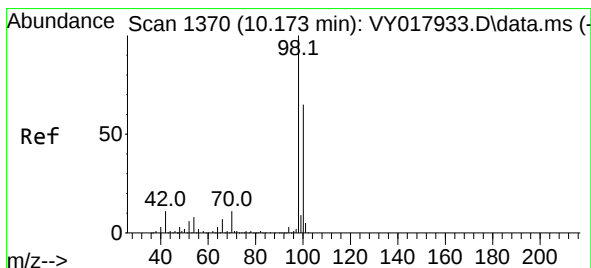
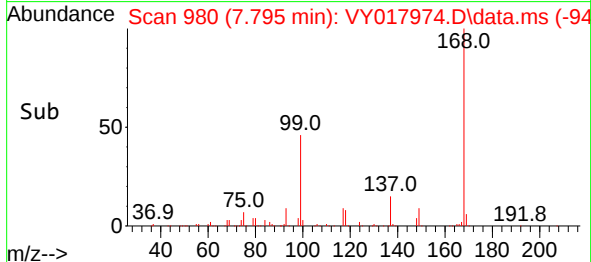
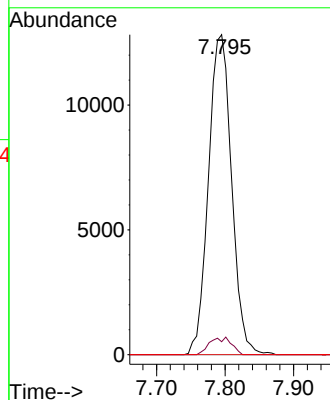
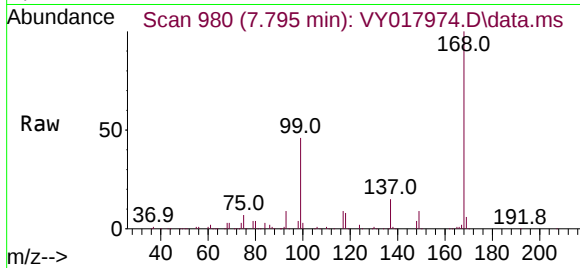




#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

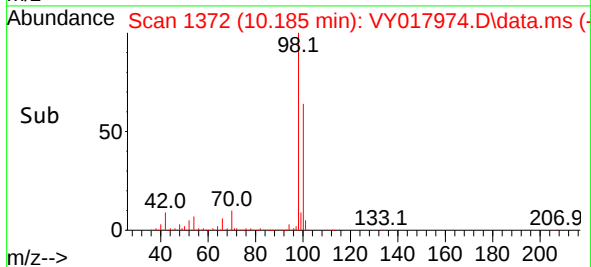
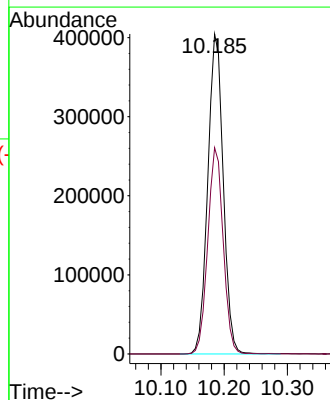
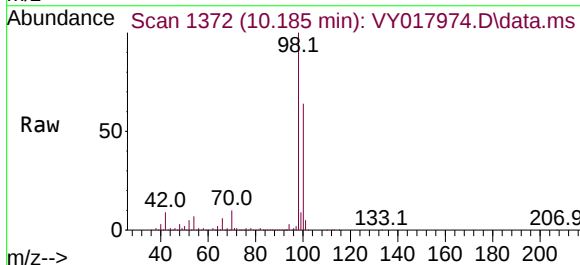
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ClientSampleId :
GRAB-5

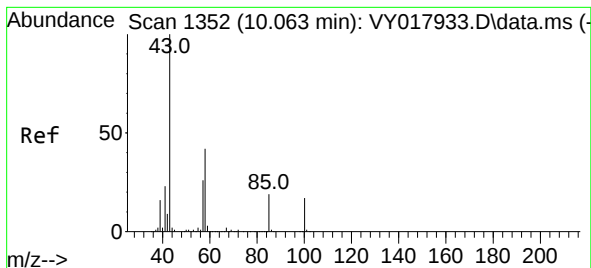
Tgt Ion:117 Resp: 30086
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 98 Resp: 687024
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

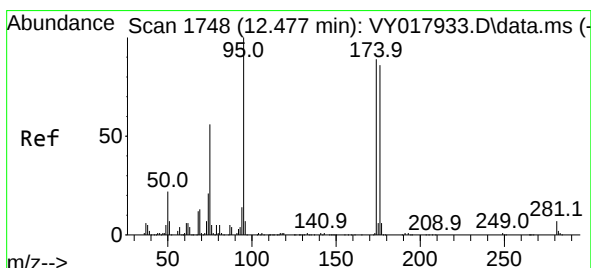
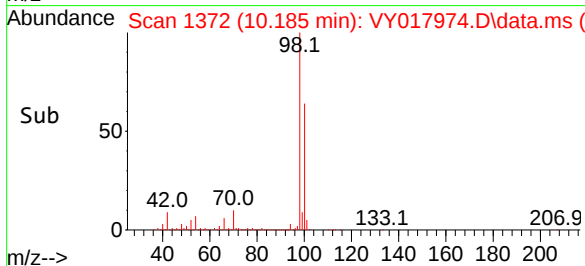
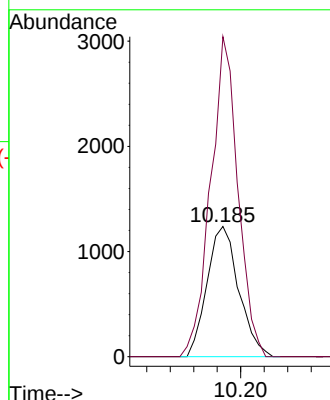
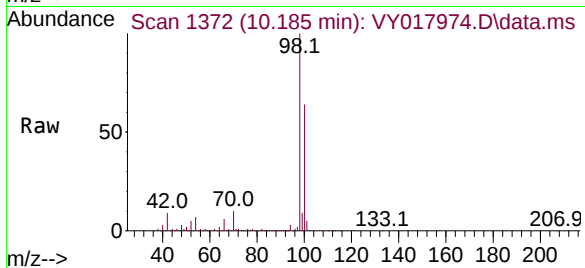




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

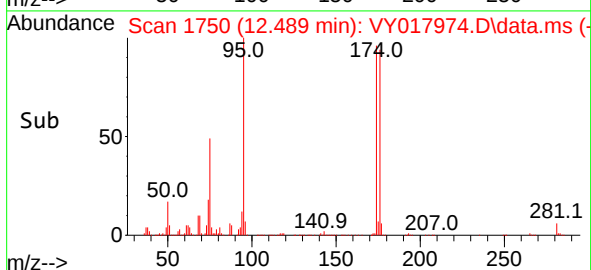
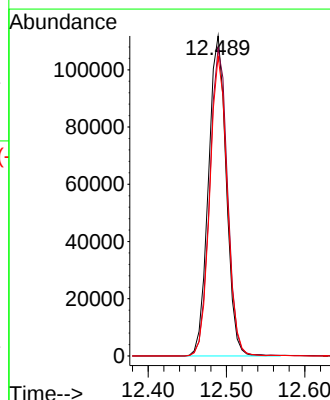
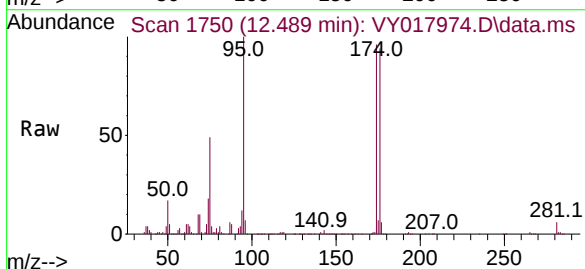
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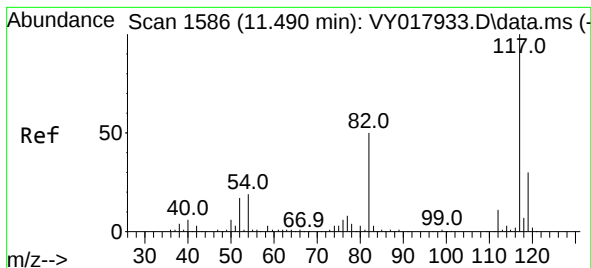
Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 212.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.51 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 95 Resp: 176765
Ion Ratio Lower Upper
95 100
174 96.0 0.0 175.6
176 91.9 0.0 171.4

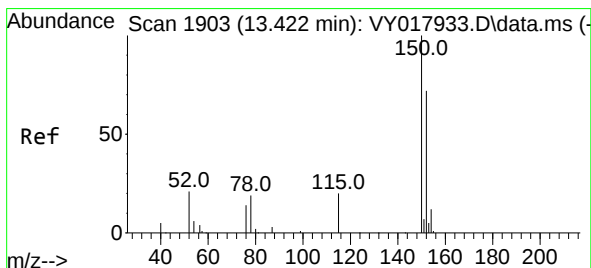
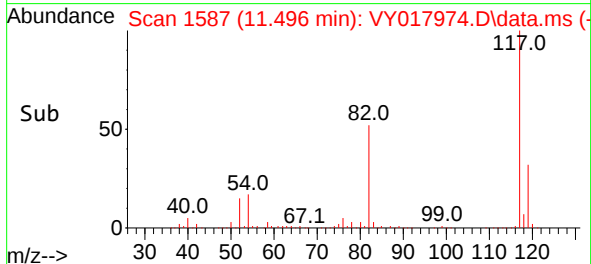
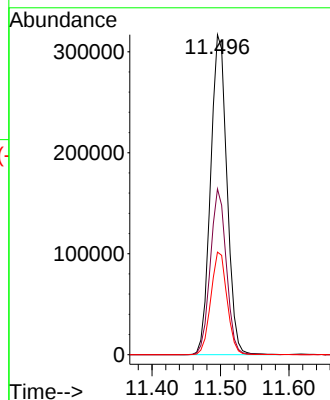
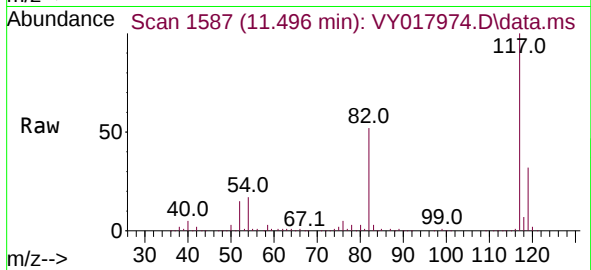




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

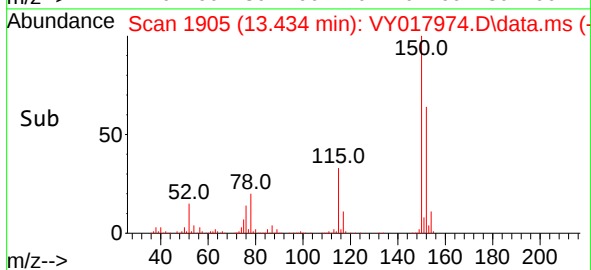
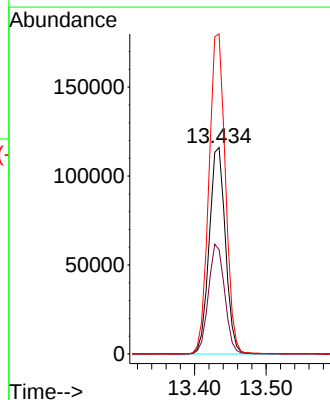
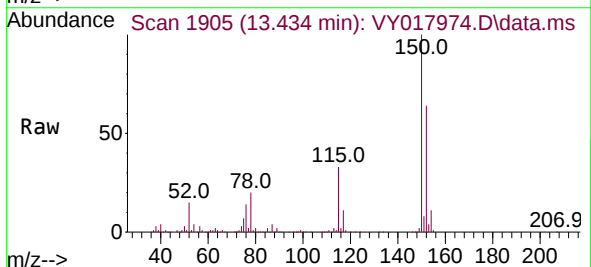
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

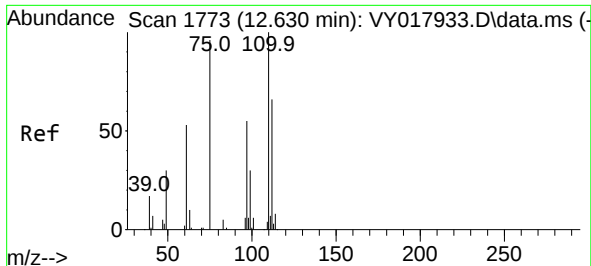
Tgt Ion:117 Resp: 525360
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion:152 Resp: 183129
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 157.8 0.0 345.6

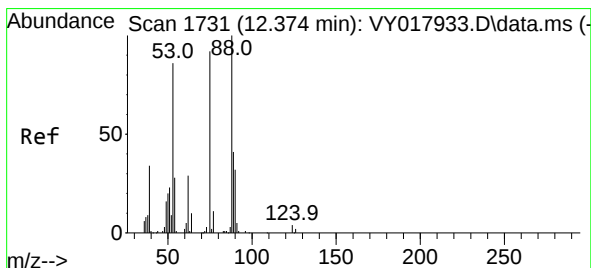
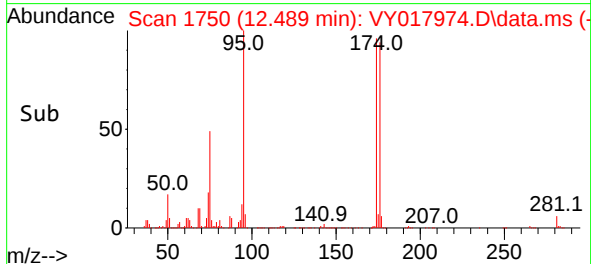
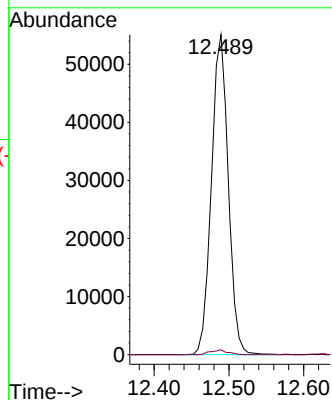
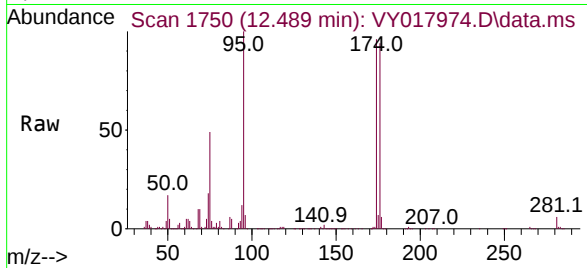




#76
1,2,3-Trichloropropane
Concen: 50.22 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-5

Tgt Ion: 75 Resp: 86307
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.55 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY017974.D
Acq: 18 Apr 2024 14:27

Tgt Ion: 75 Resp: 86307
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

