

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019022.D
 Acq On : 13 Aug 2024 12:15
 Operator : SY/MD
 Sample : P3518-27
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-14-080724RE

Quant Time: Aug 14 01:35:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

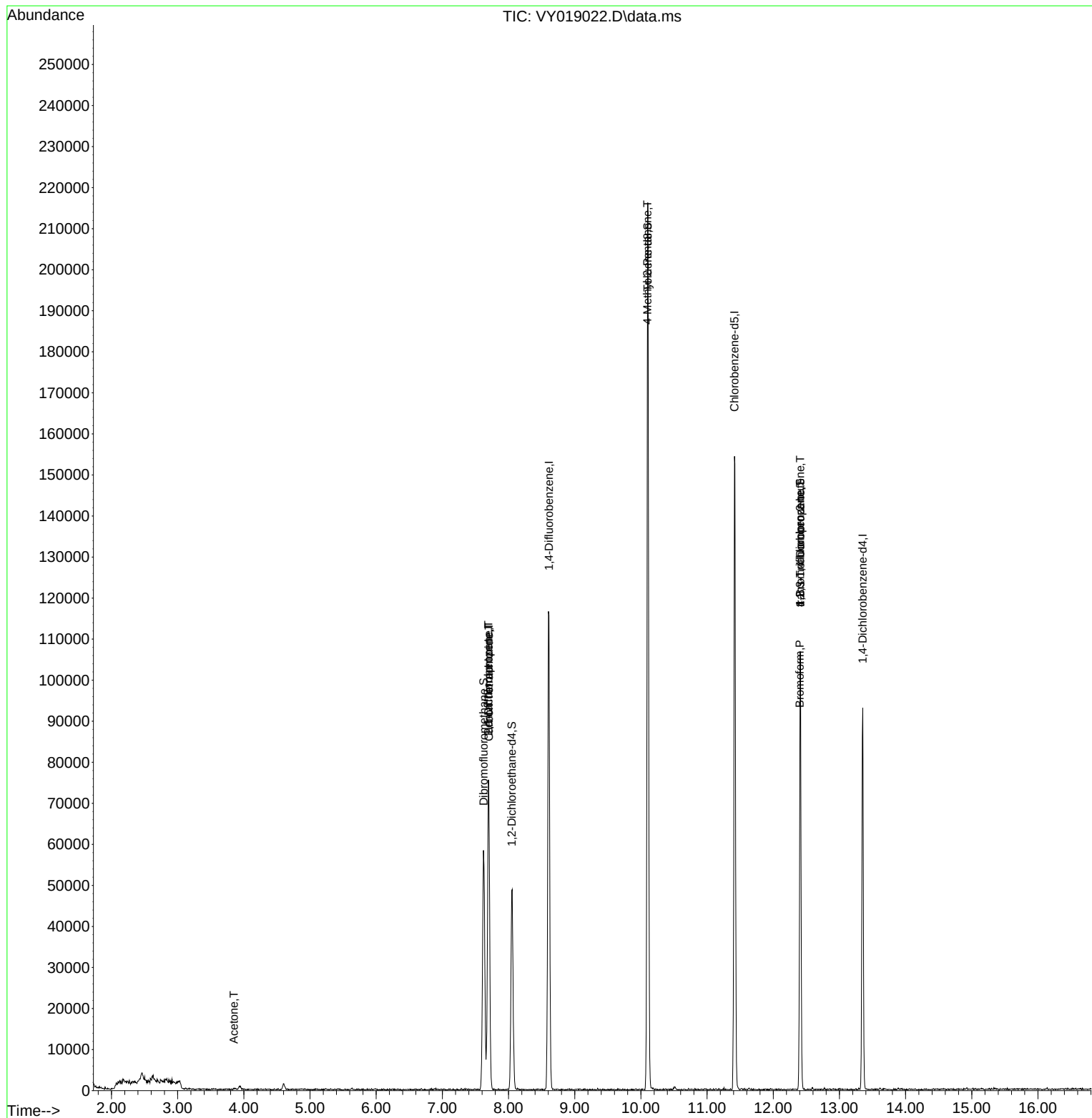
Internal Standards						
1) Pentafluorobenzene	7.695	168	62143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	102299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	77140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	21323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30241	55.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.860%	
35) Dibromofluoromethane	7.622	113	37121	56.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.620%	
50) Toluene-d8	10.103	98	130059	51.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.408	95	26049	34.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	97	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	66	Below Cal	#	88
16) Acetone	3.848	43	184	13.765	ug/l #	79
20) Methylene Chloride	4.604	84	699	Below Cal	#	76
31) Cyclohexane	7.701	56	1519	Below Cal	#	69
36) 1,1-Dichloropropene	7.695	75	4260	4.857	ug/l #	49
38) Carbon Tetrachloride	7.701	117	5500	5.469	ug/l #	15
41) Methacrylonitrile	7.232	41	32	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.097	43	660	1.570	ug/l #	1
71) Bromoform	12.402	173	324	1.052	ug/l #	27
76) 1,2,3-Trichloropropane	12.408	75	14911	93.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14911	193.421	ug/l #	16

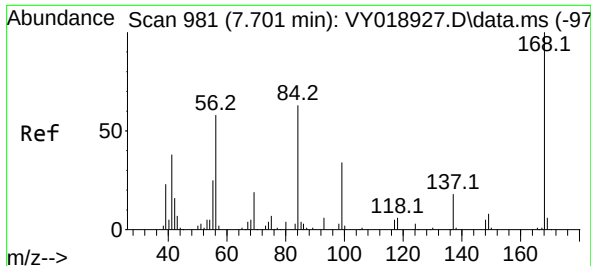
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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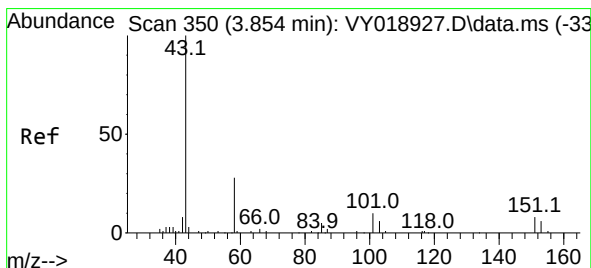
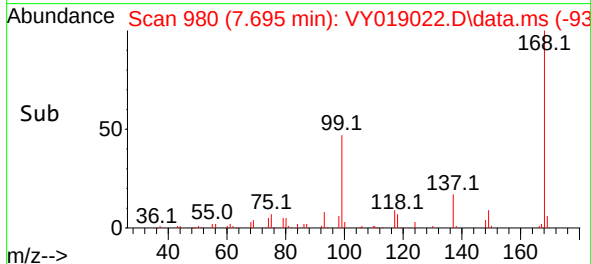
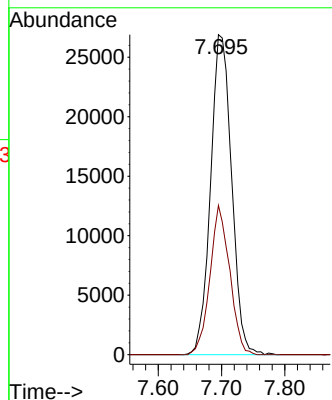
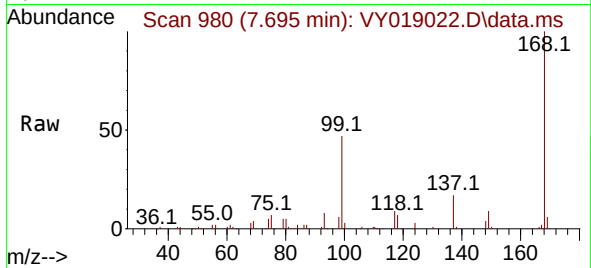




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

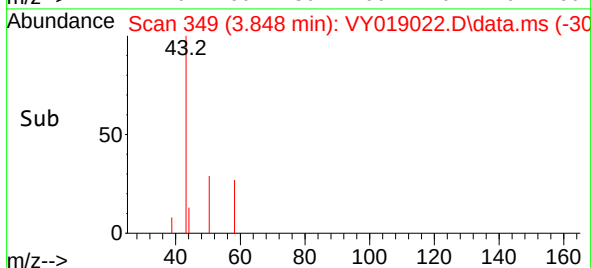
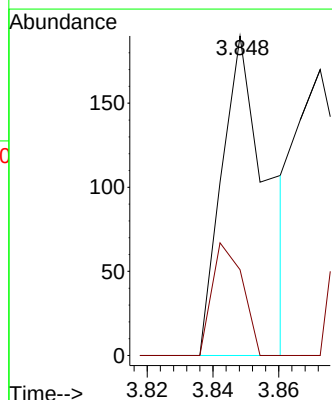
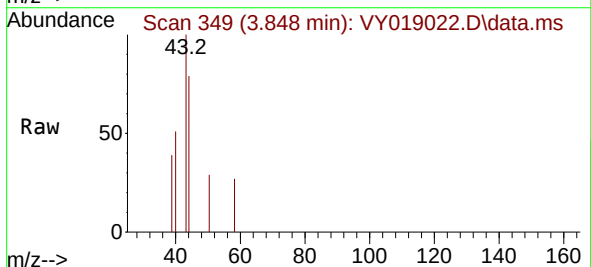
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724RE

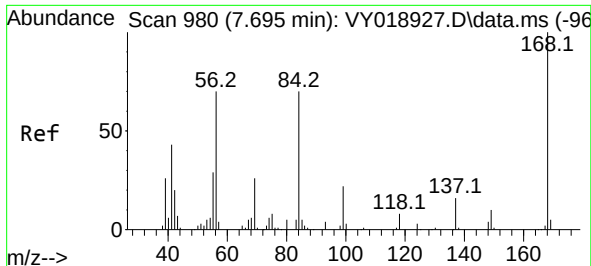
Tgt Ion:168 Resp: 62143
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#16
Acetone
Concen: 13.765 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 26.8 31.7 47.5#

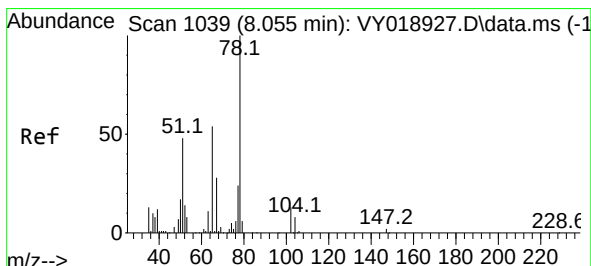
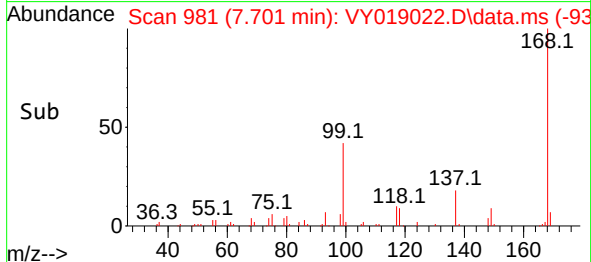
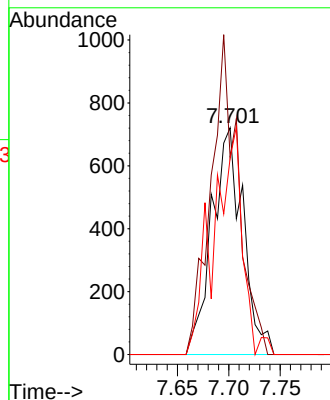
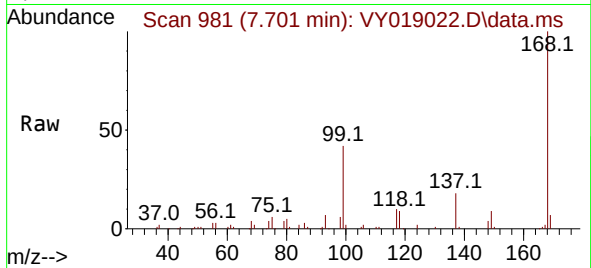




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

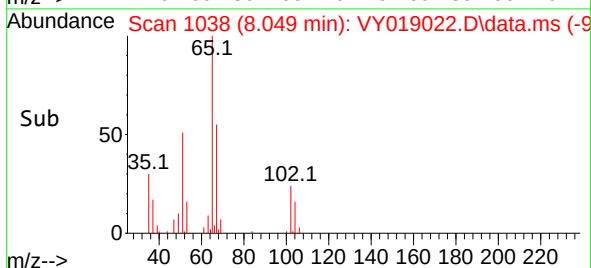
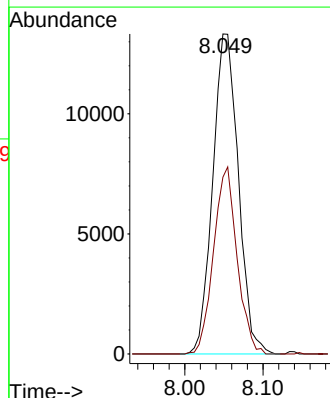
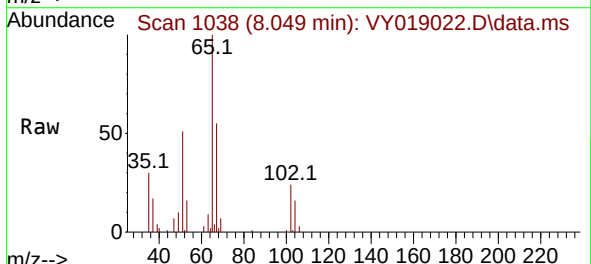
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724RE

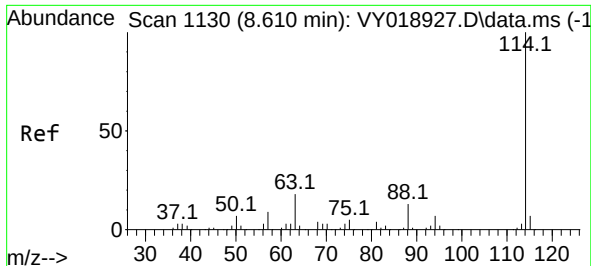
Tgt Ion: 56 Resp: 1519
Ion Ratio Lower Upper
56 100
69 87.0 28.7 43.1#
84 86.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.426 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 65 Resp: 30241
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019022.D

Acq: 13 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724RE

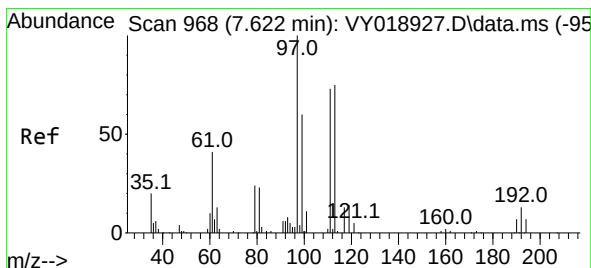
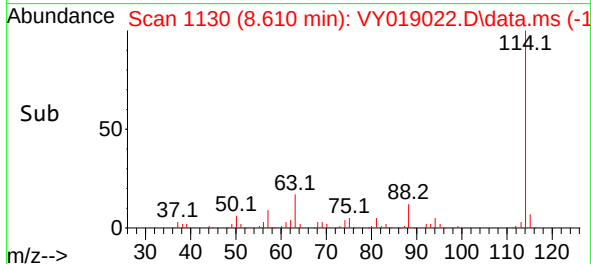
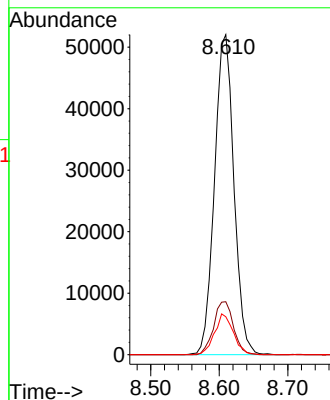
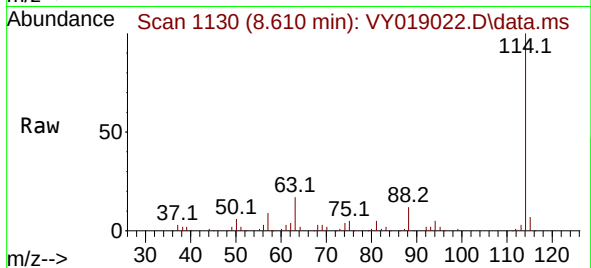
Tgt Ion:114 Resp: 102299

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 11.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.815 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019022.D

Acq: 13 Aug 2024 12:15

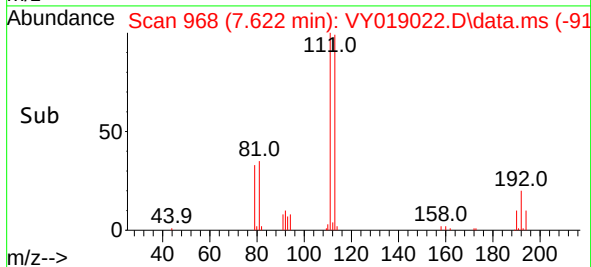
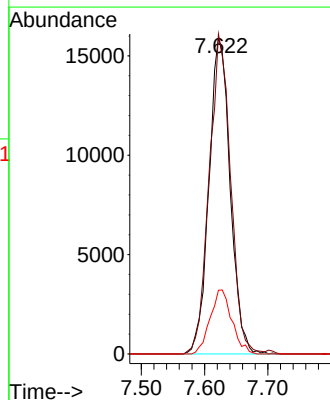
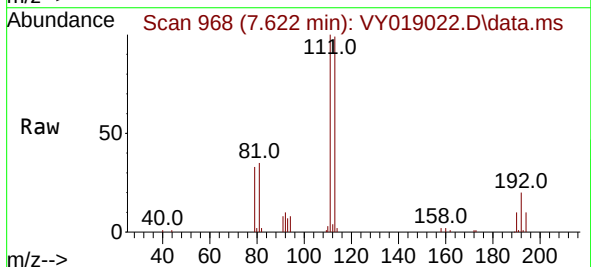
Tgt Ion:113 Resp: 37121

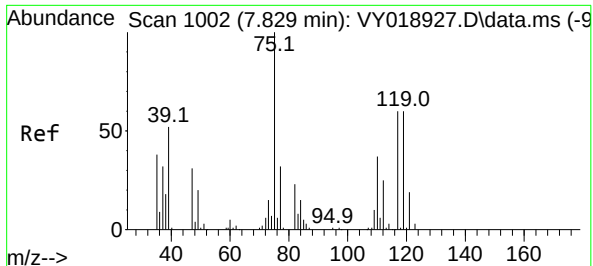
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY019022.D

Acq: 13 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-14-080724RE

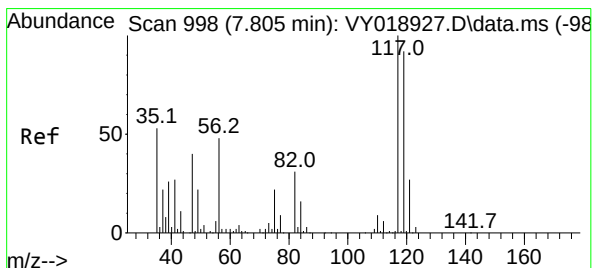
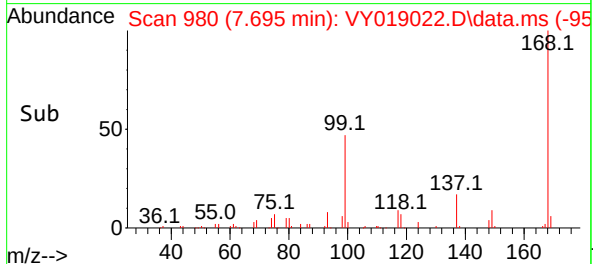
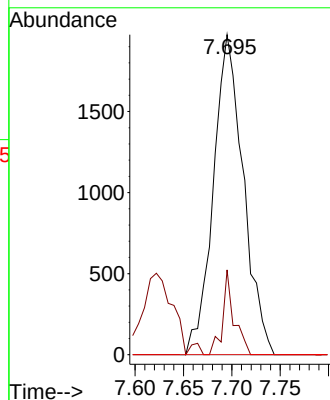
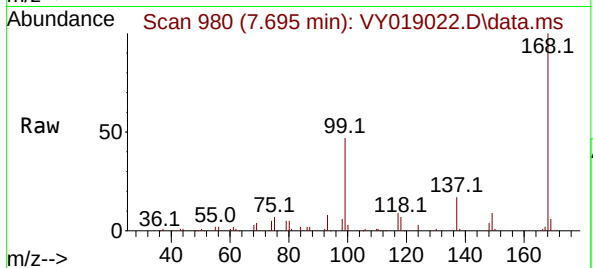
Tgt Ion: 75 Resp: 4260

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019022.D

Acq: 13 Aug 2024 12:15

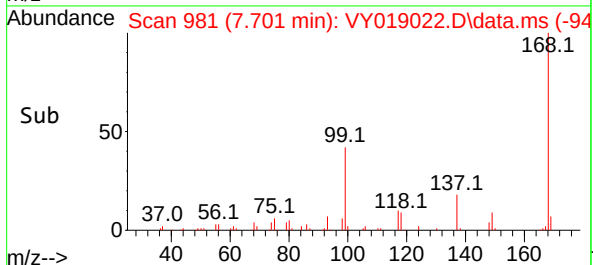
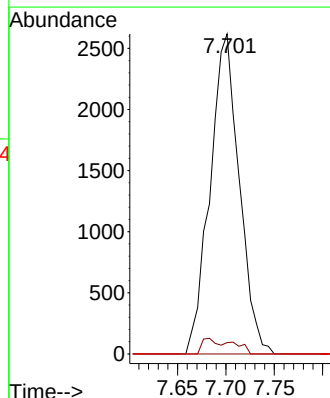
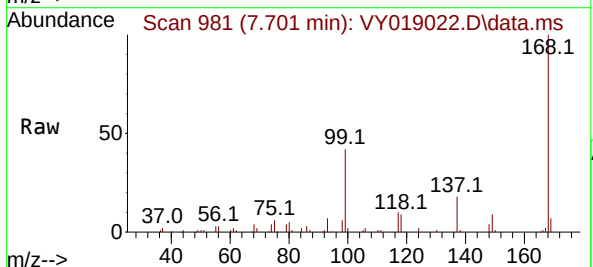
Tgt Ion: 117 Resp: 5500

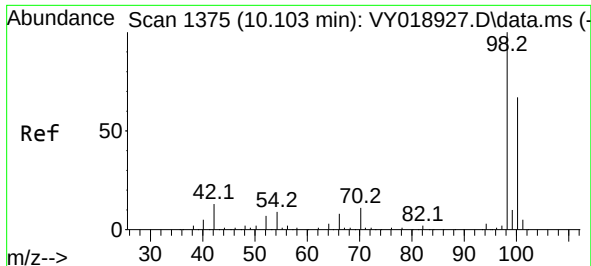
Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 24.0 36.0#

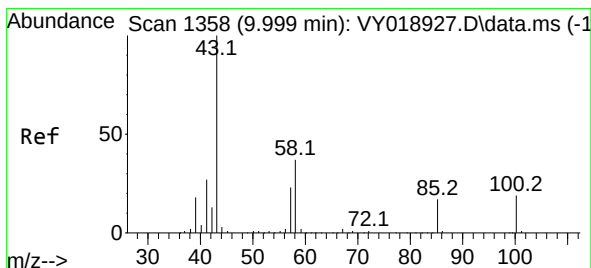
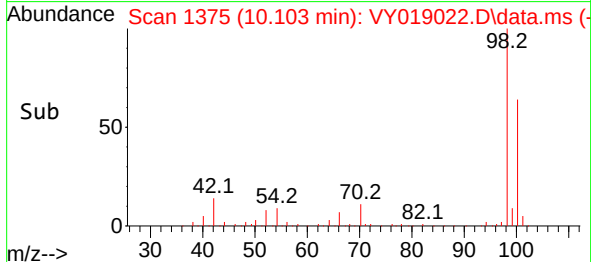
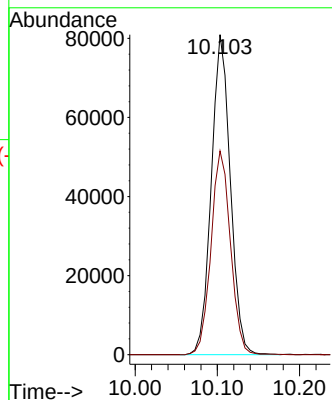
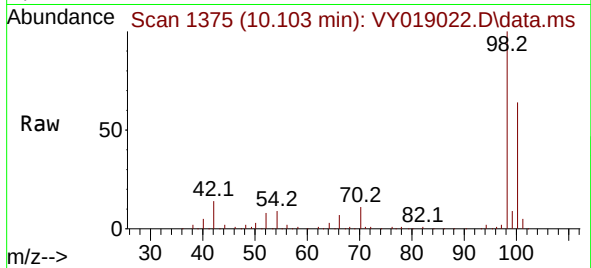




#50
Toluene-d8
Concen: 51.824 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

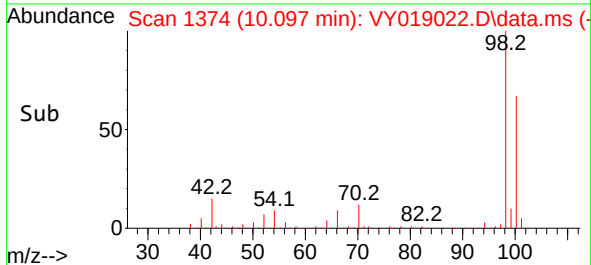
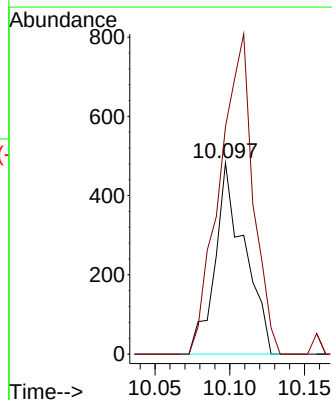
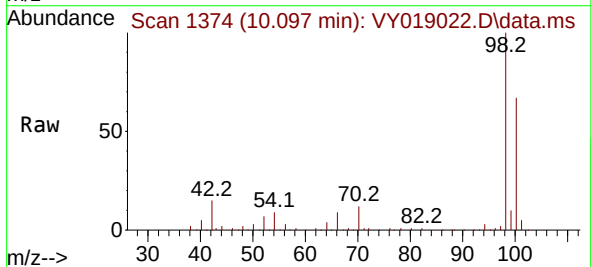
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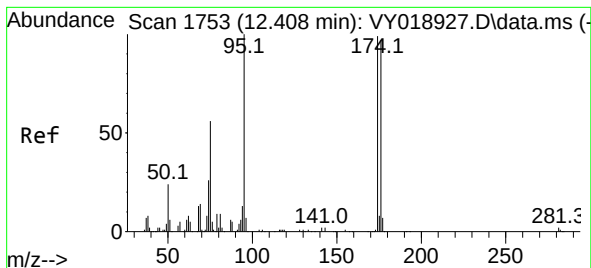
Tgt Ion: 98 Resp: 130059
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.570 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.098 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 190.3 35.7 53.5#

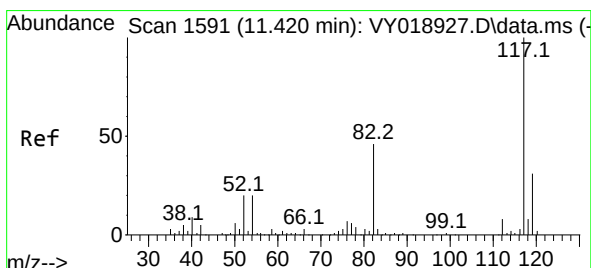
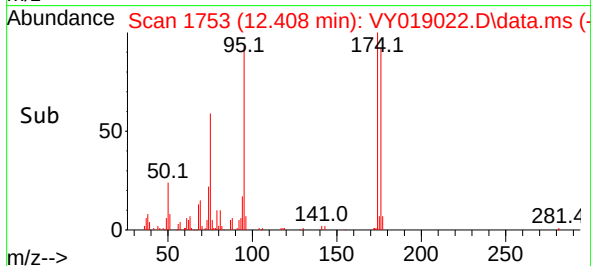
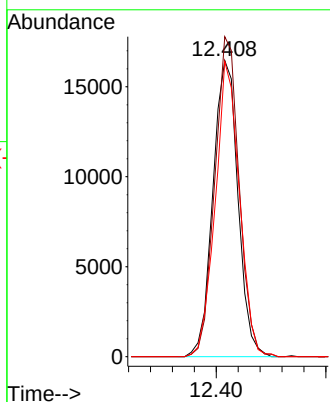
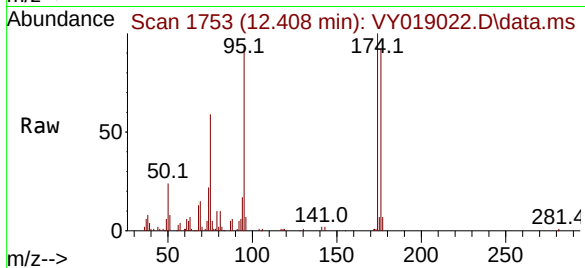




#62
4-Bromofluorobenzene
Concen: 34.986 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

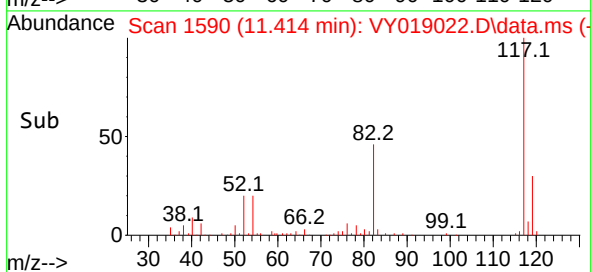
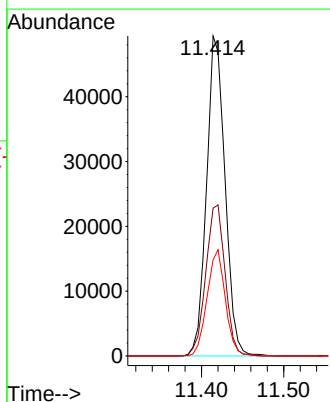
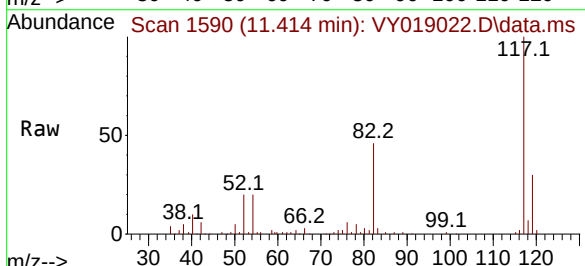
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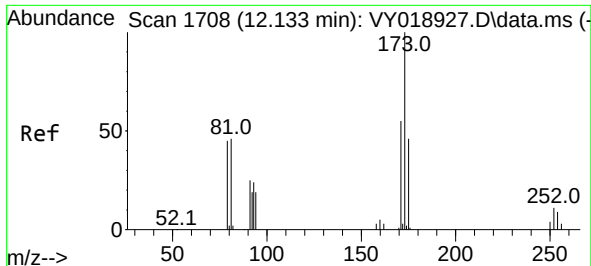
Tgt Ion:	95	Resp:	26049
Ion Ratio	Lower	Upper	
95	100		
174	105.3	0.0	175.6
176	96.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion:	117	Resp:	77140
Ion Ratio	Lower	Upper	
117	100		
82	46.2	42.4	63.6
119	30.1	25.9	38.9

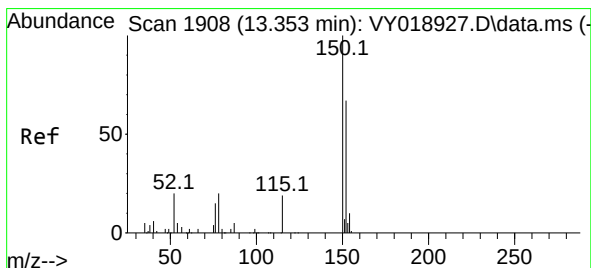
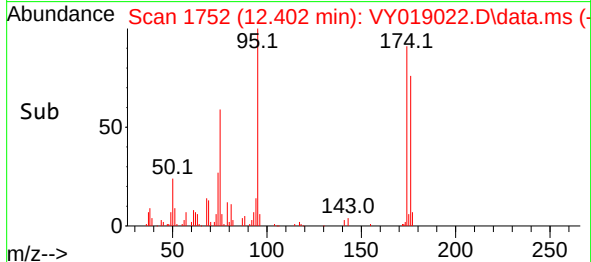
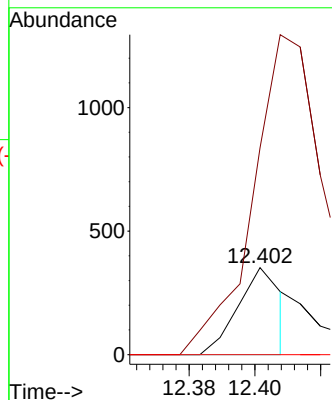
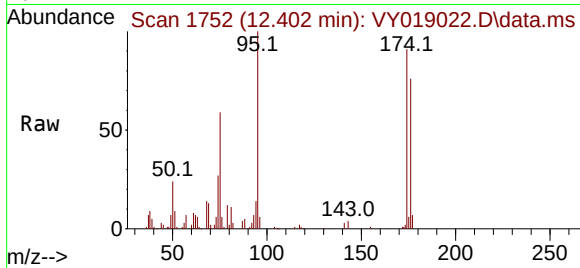




#71
Bromoform
Concen: 1.052 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.268 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

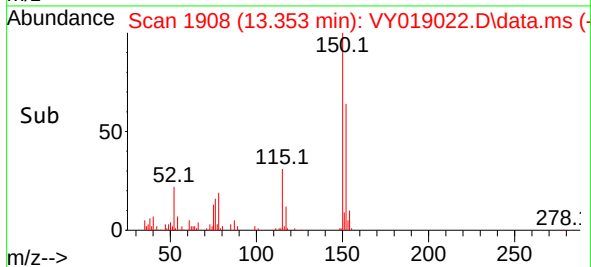
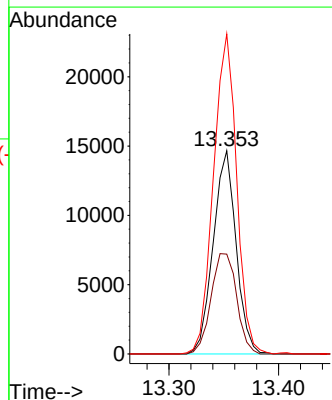
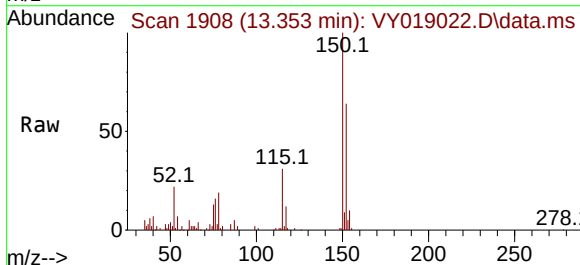
Instrument :
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OU4-TS-14-080724RE

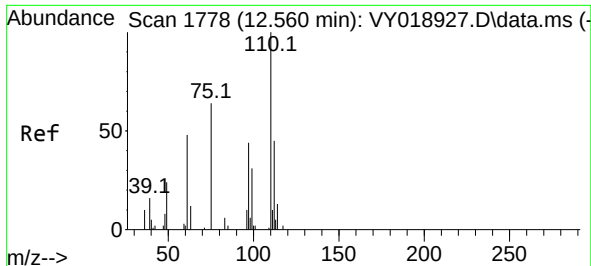
Tgt Ion:173 Resp: 324
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion:152 Resp: 21323
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.0 0.0 345.6

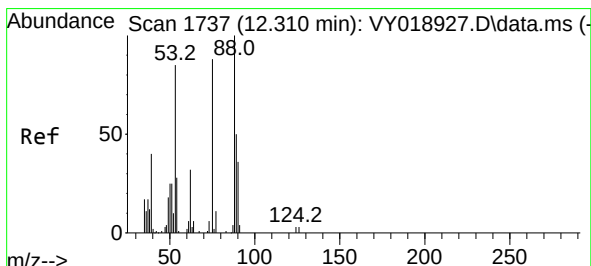
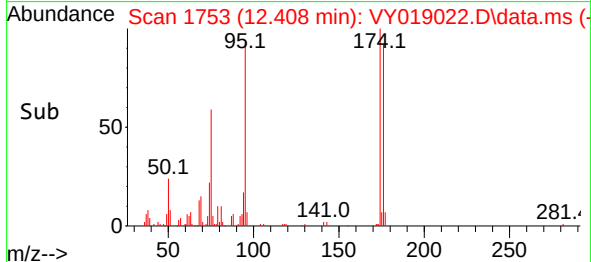
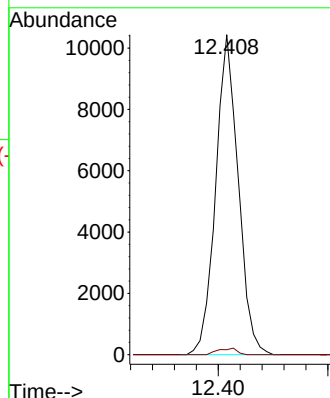
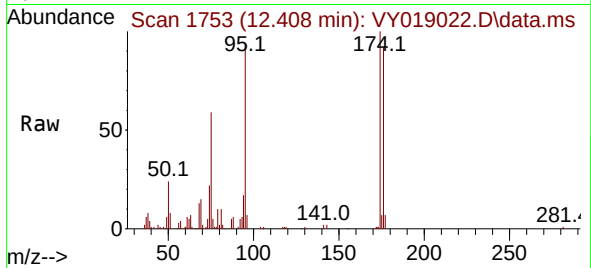




#76
1,2,3-Trichloropropane
Concen: 93.867 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-14-080724RE

Tgt Ion: 75 Resp: 14911
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 193.421 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY019022.D
Acq: 13 Aug 2024 12:15

Tgt Ion: 75 Resp: 14911
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

