

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018941.D
 Acq On : 08 Aug 2024 21:15
 Operator : SY/MD
 Sample : P3520-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-11-080624

Quant Time: Aug 09 05:11:50 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)

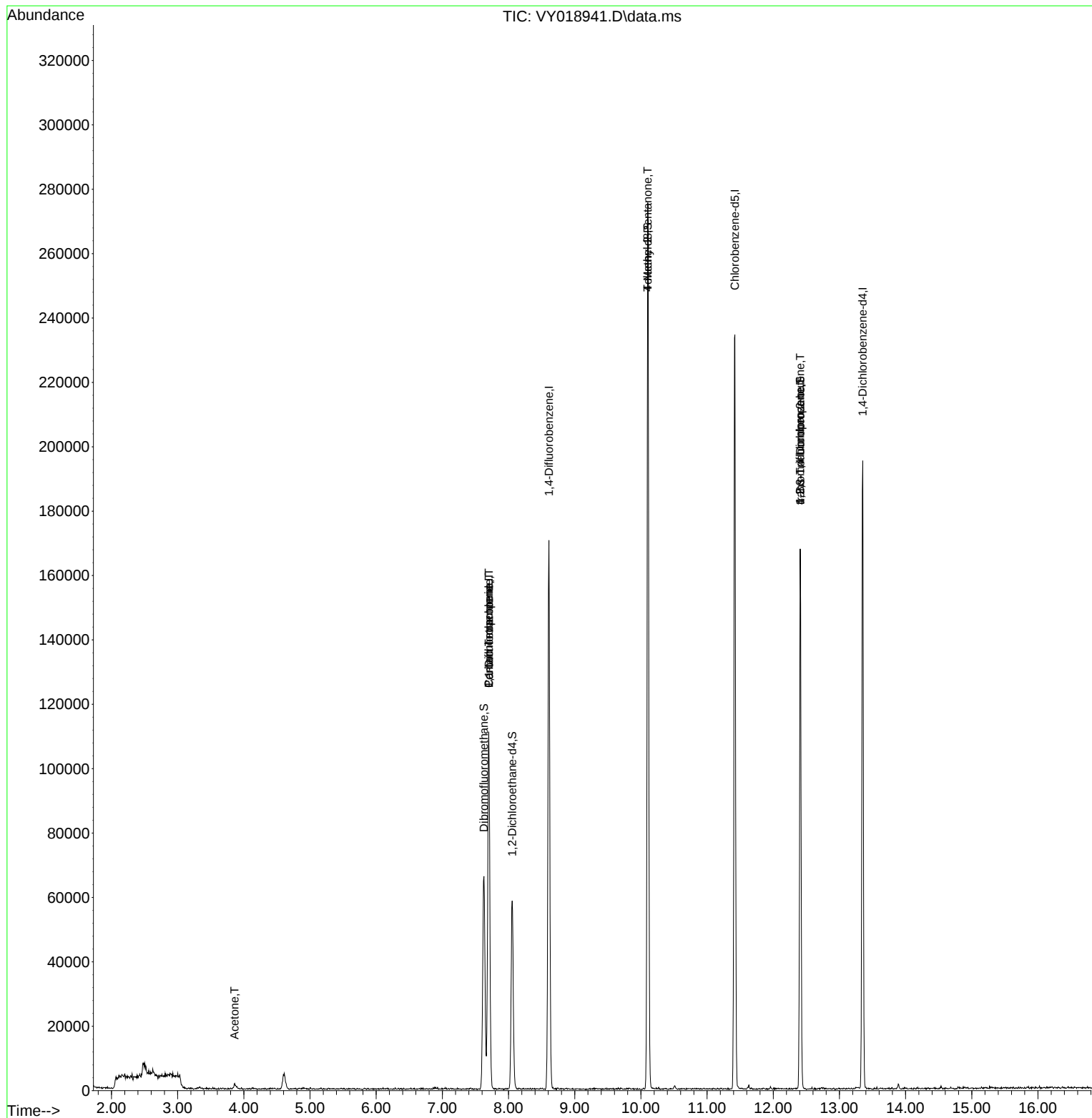
Internal Standards						
1) Pentafluorobenzene	7.701	168	89679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	117852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37808	48.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.628	113	44189	48.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.103	98	168958	48.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	42317	40.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	223	Below Cal	#	43
11) Tert butyl alcohol	4.824	59	22	Below Cal	#	88
13) Acrolein	3.763	56	18	Below Cal	#	15
16) Acetone	3.860	43	2760	25.428	ug/l #	70
20) Methylene Chloride	4.610	84	3187	Below Cal		97
31) Cyclohexane	7.695	56	2344	Below Cal	#	48
36) 1,1-Dichloropropene	7.701	75	6401	5.203	ug/l #	48
38) Carbon Tetrachloride	7.701	117	8199	5.813	ug/l #	19
41) Methacrylonitrile	7.238	41	86	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.103	43	1012	1.716	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	23995	70.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23995	145.056	ug/l #	16

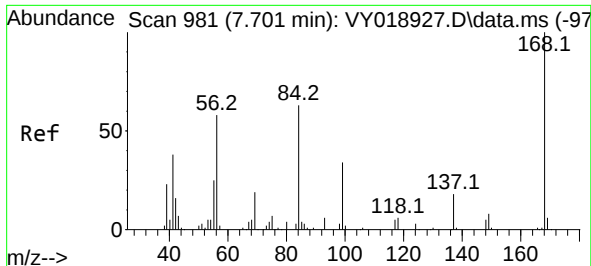
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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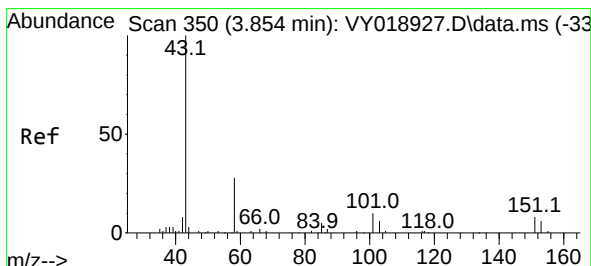
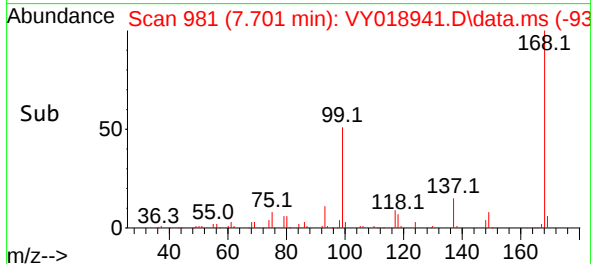
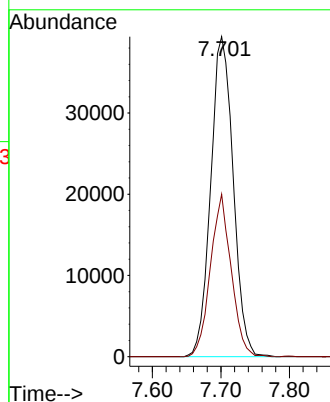
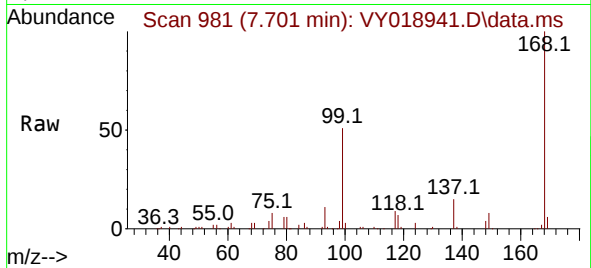




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

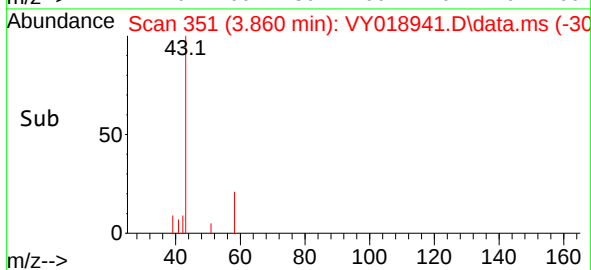
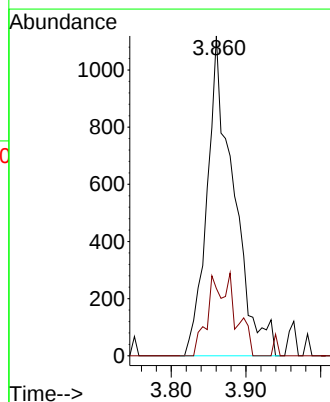
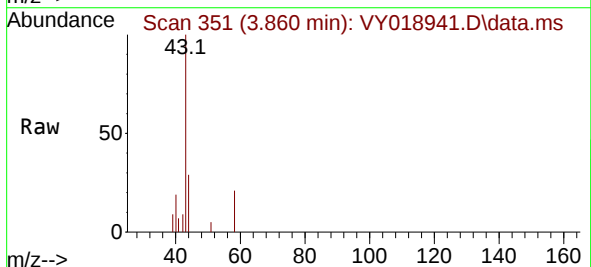
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

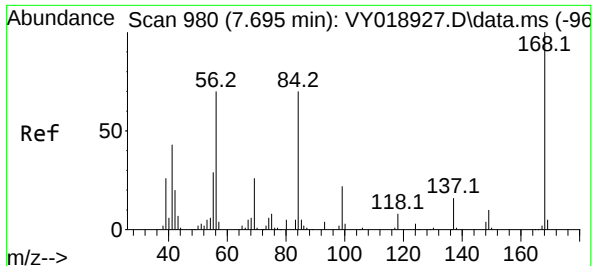
Tgt Ion:168 Resp: 89679
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#16
Acetone
Concen: 25.428 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 43 Resp: 2760
Ion Ratio Lower Upper
43 100
58 21.1 31.7 47.5#

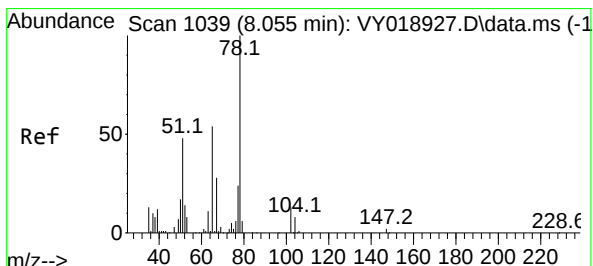
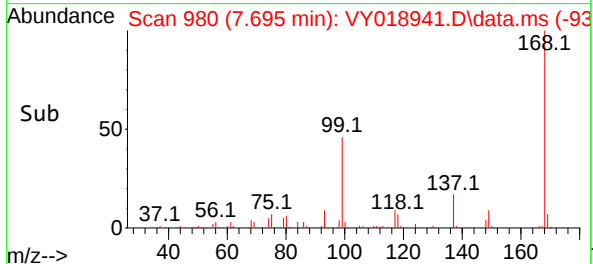
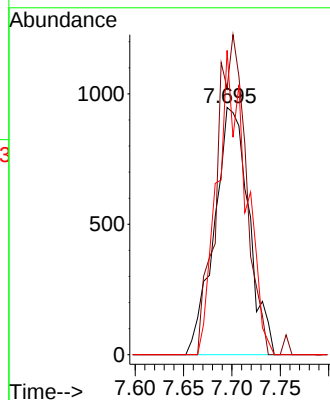
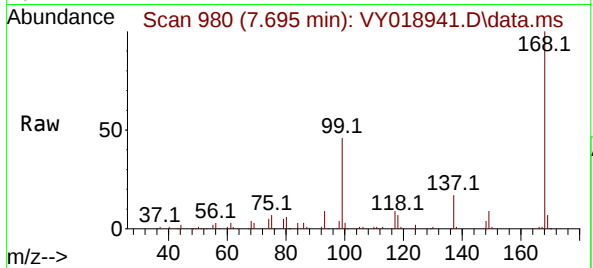




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

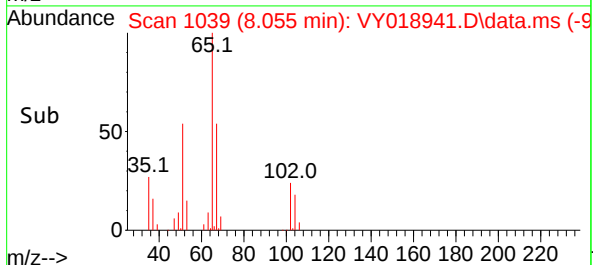
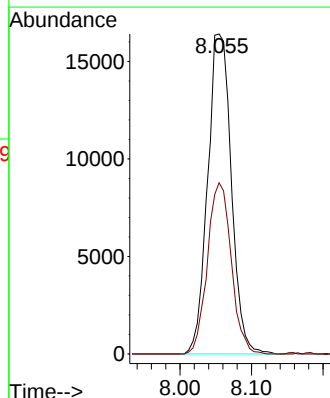
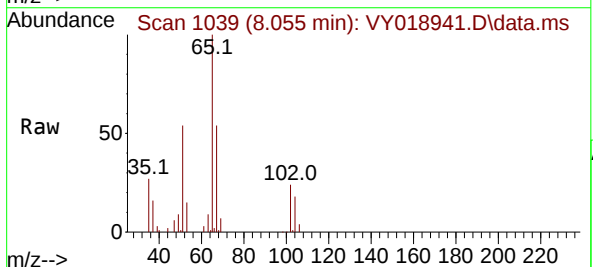
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

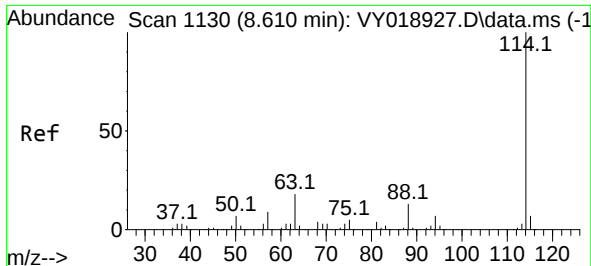
Tgt Ion: 56 Resp: 2344
Ion Ratio Lower Upper
56 100
69 107.8 28.7 43.1#
84 123.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.018 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 65 Resp: 37808
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

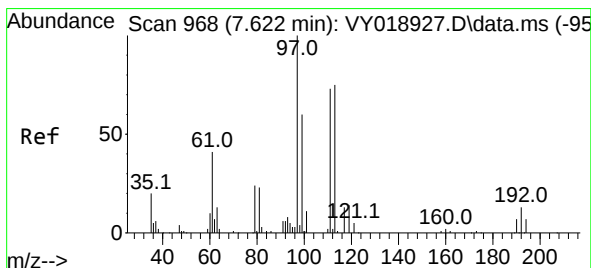
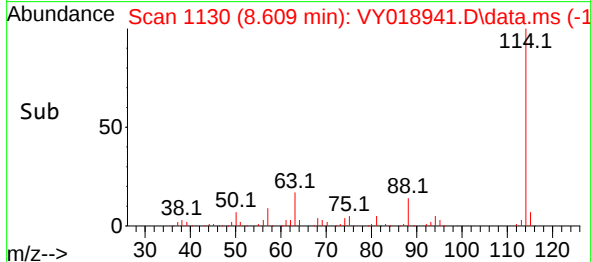
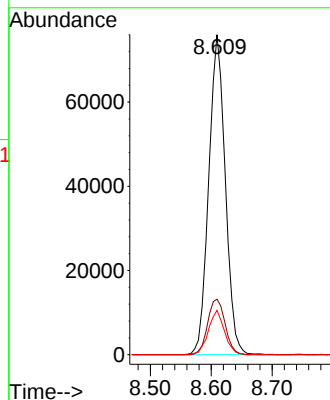
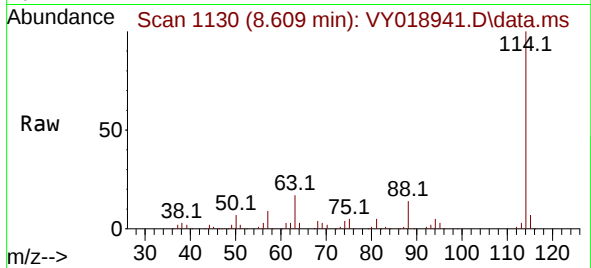




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

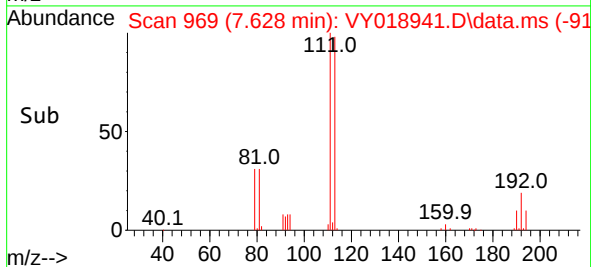
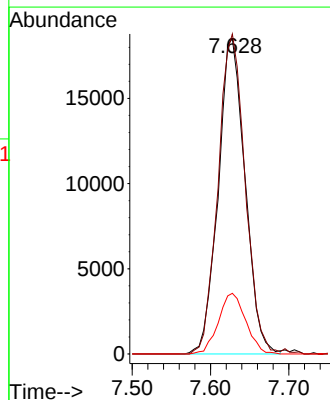
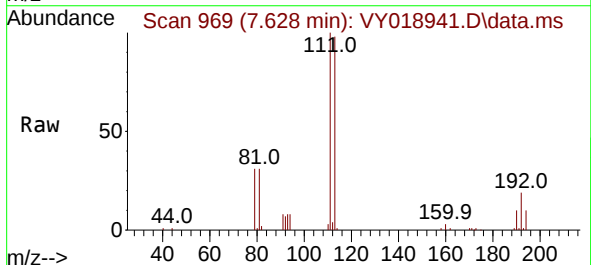
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

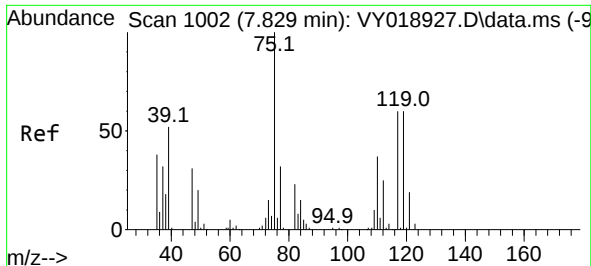
Tgt Ion:114 Resp: 143484
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion:113 Resp: 44189
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.5 15.9 23.9

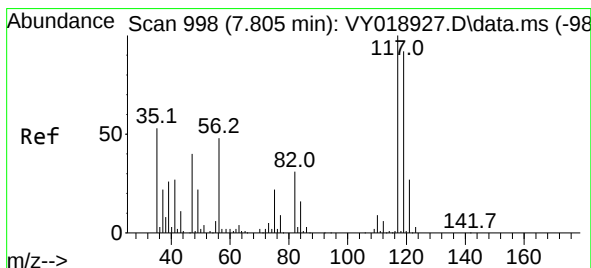
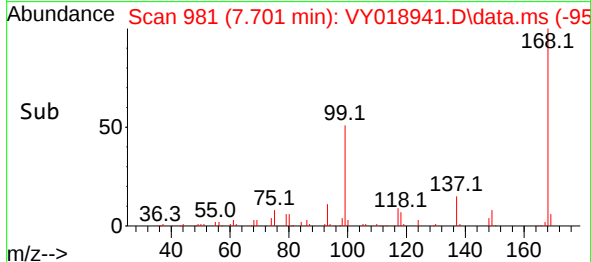
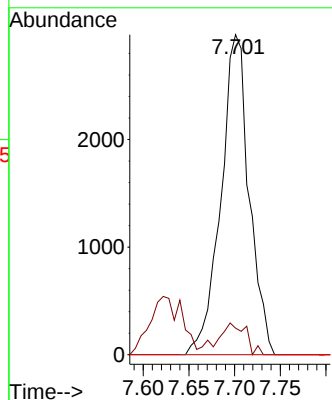
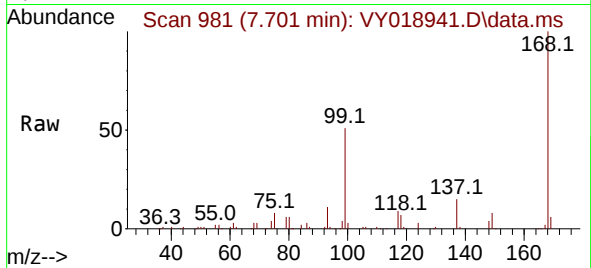




#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

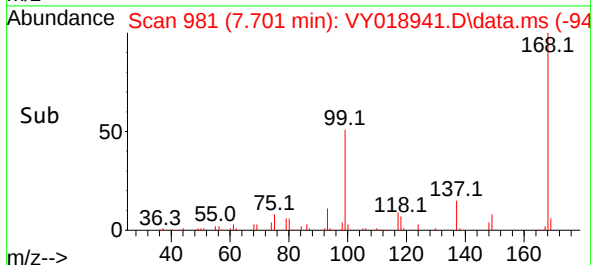
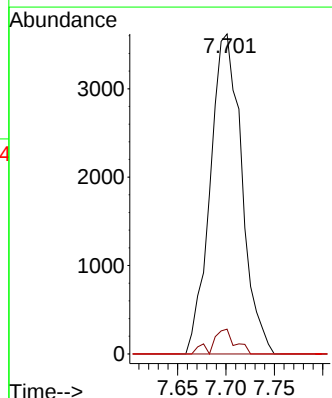
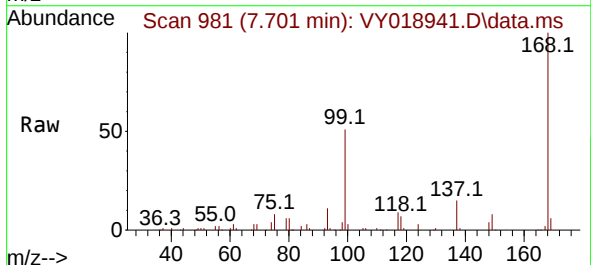
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-11-080624

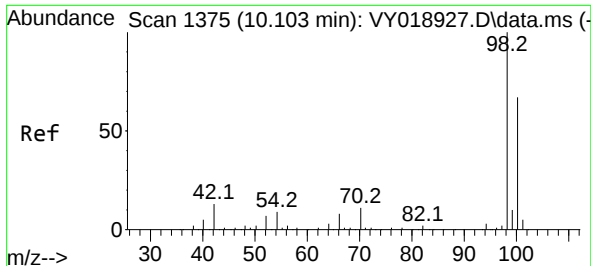
Tgt Ion: 75 Resp: 6401
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 117 Resp: 8199
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#

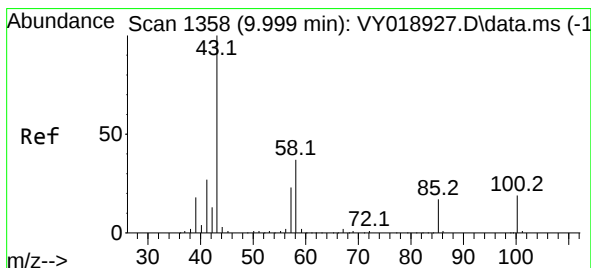
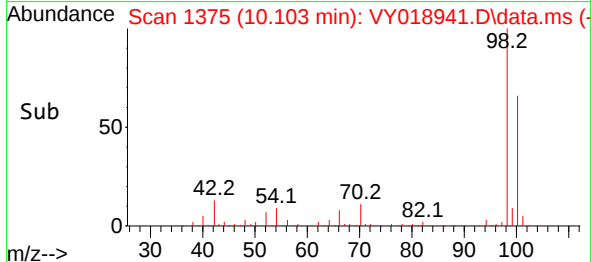
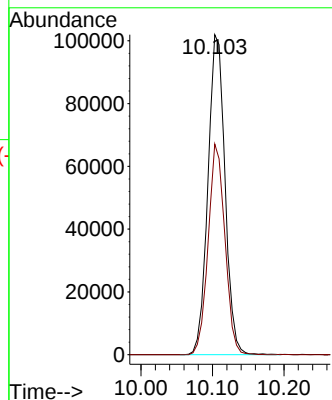
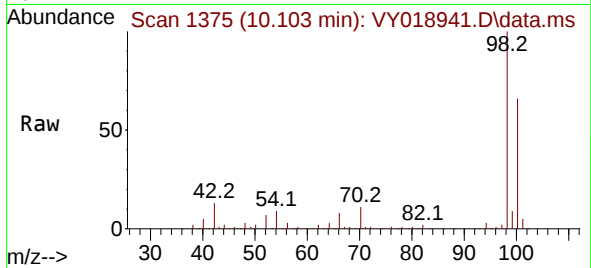




#50
Toluene-d8
Concen: 48.000 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

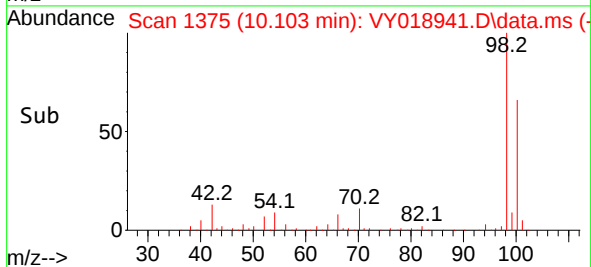
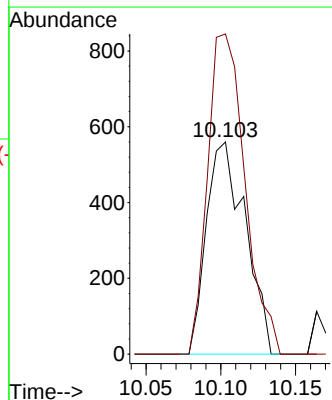
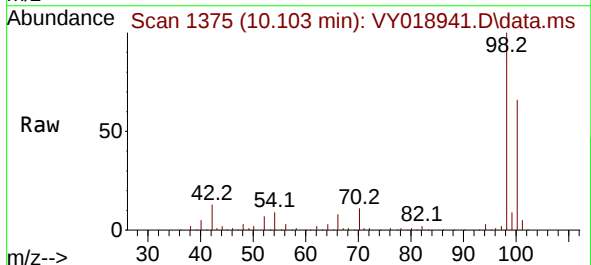
Instrument :
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ClientSampleId :
OU4-CF-11-080624

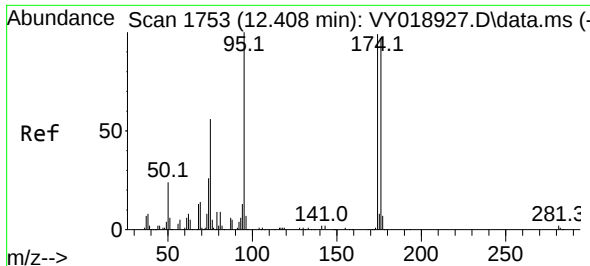
Tgt Ion: 98 Resp: 168958
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.716 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 145.4 35.7 53.5

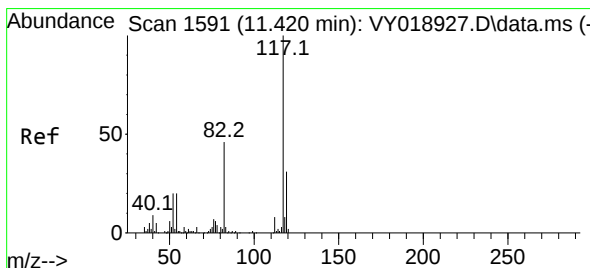
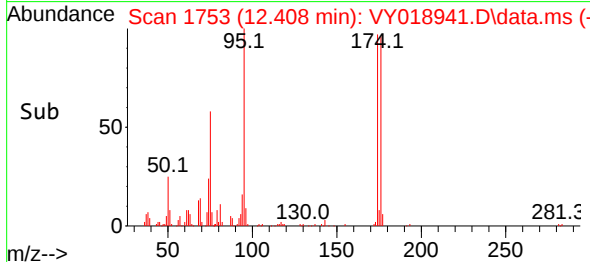
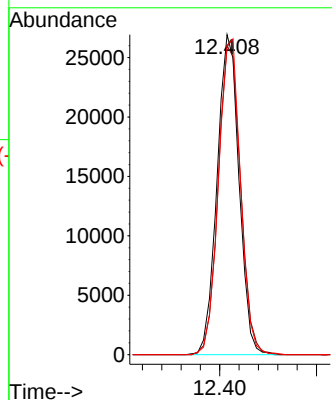
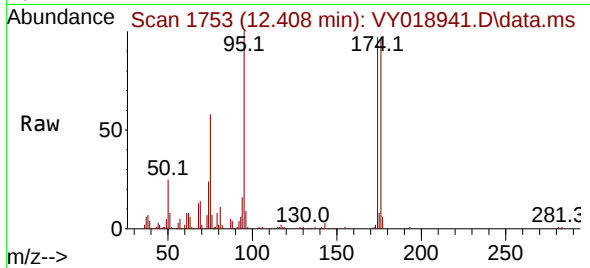




#62
4-Bromofluorobenzene
Concen: 40.522 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

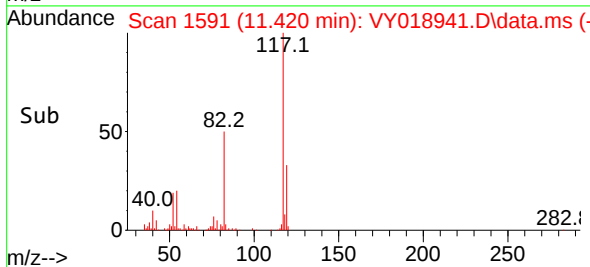
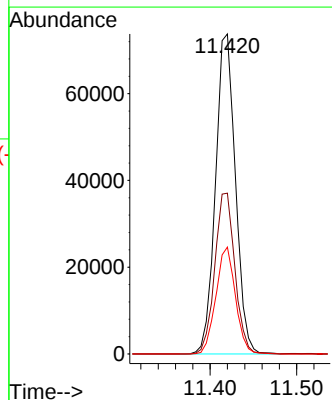
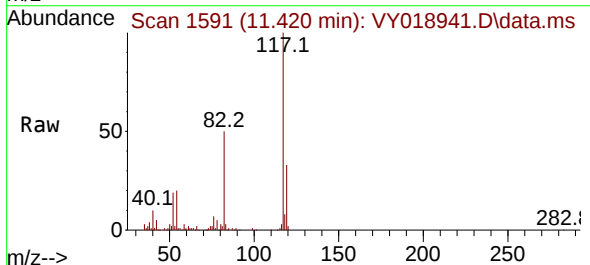
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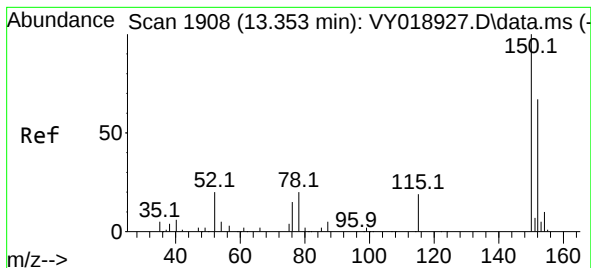
Tgt Ion: 95 Resp: 42317
Ion Ratio Lower Upper
95 100
174 98.6 0.0 175.6
176 98.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018941.D
Acq: 08 Aug 2024 21:15

Tgt Ion: 117 Resp: 117852
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 33.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018941.D

Acq: 08 Aug 2024 21:15

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-11-080624

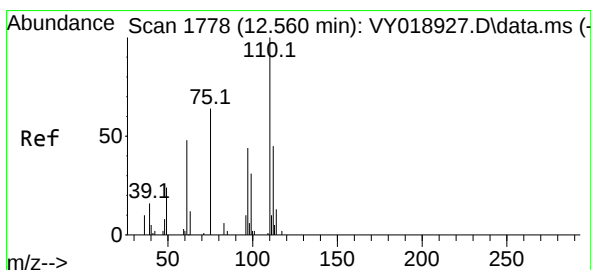
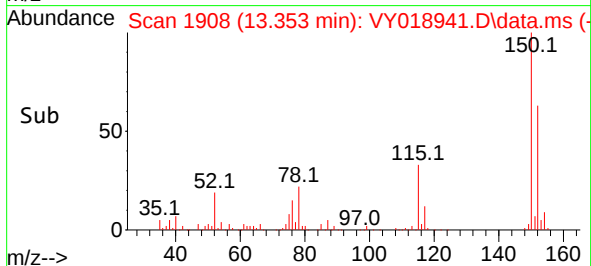
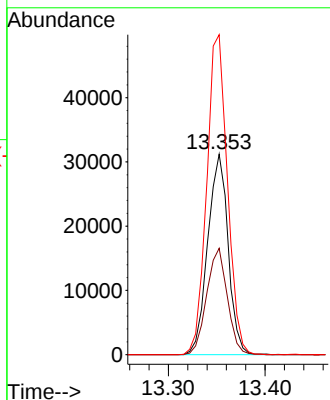
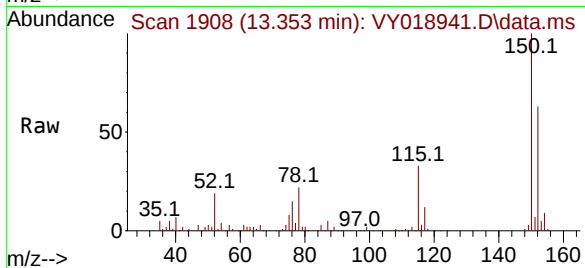
Tgt Ion:152 Resp: 45754

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 162.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.395 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY018941.D

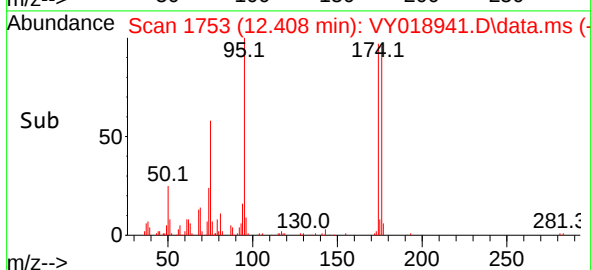
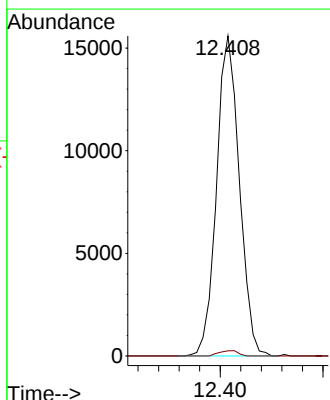
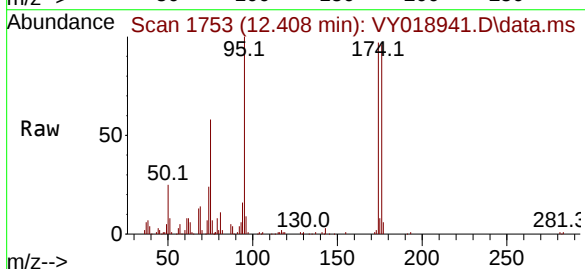
Acq: 08 Aug 2024 21:15

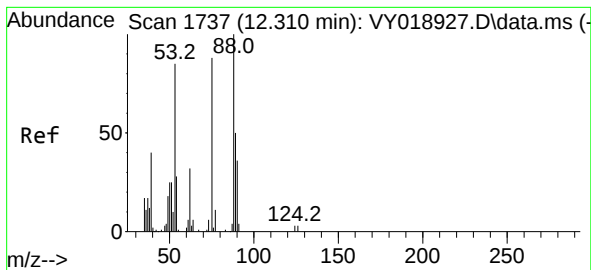
Tgt Ion: 75 Resp: 23995

Ion Ratio Lower Upper

75 100

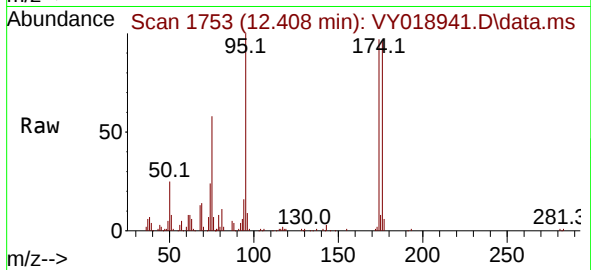
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.056 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018941.D
 Acq: 08 Aug 2024 21:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-11-080624



Tgt Ion: 75 Resp: 23995
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

