

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027113.D
 Acq On : 18 Feb 2022 16:29
 Operator : JC/MD
 Sample : N1539-01 20X
 Misc : 4.00g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PE-1

Quant Time: Feb 21 00:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

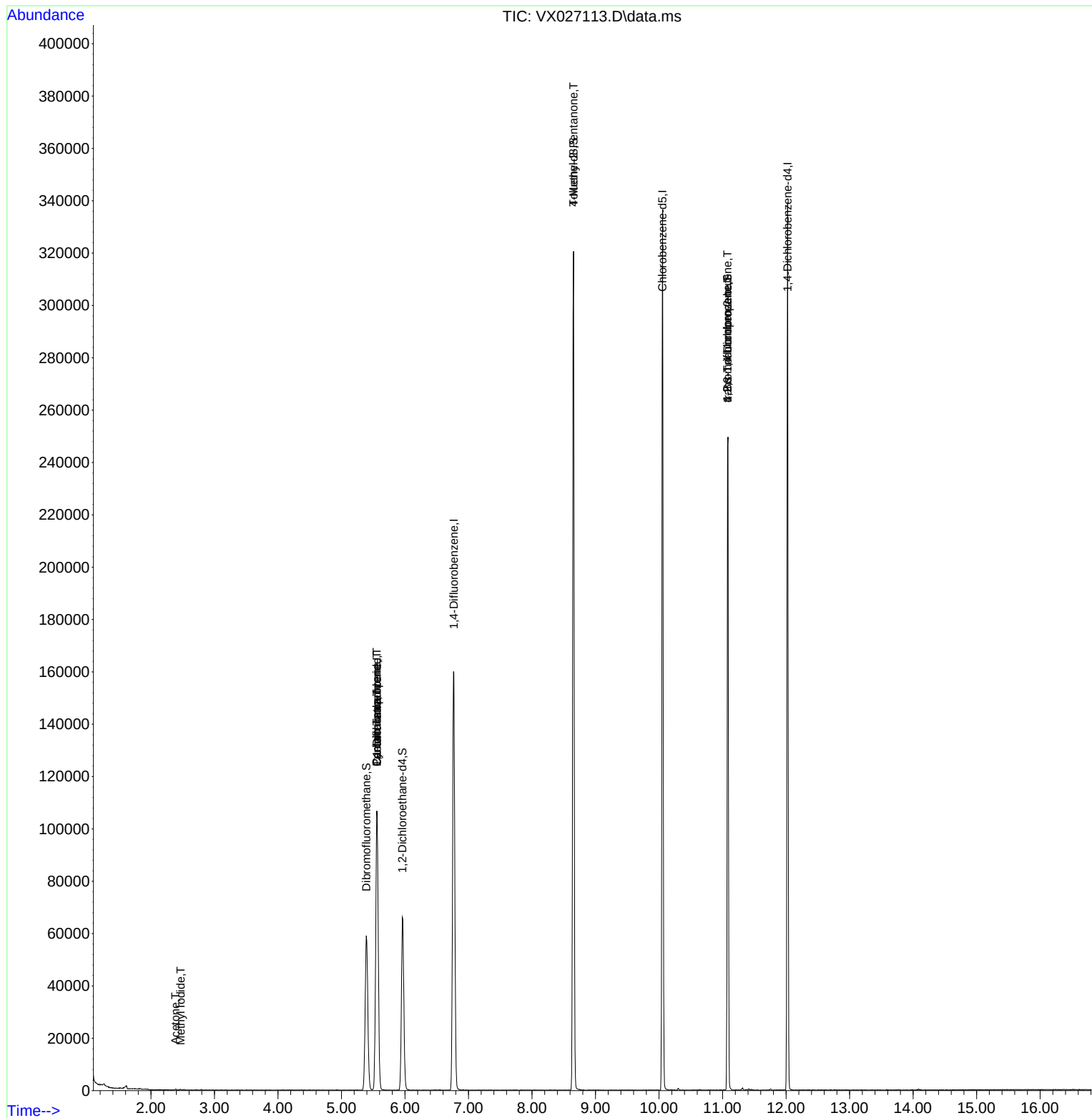
Internal Standards						
1) Pentafluorobenzene	5.556	168	102652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62480	50.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.400%	
35) Dibromofluoromethane	5.391	113	52512	51.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.420%	
50) Toluene-d8	8.653	98	193895	52.016	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	11.079	95	71570	54.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.080%	
Target Compounds						Qvalue
10) Methyl Iodide	2.465	142	286	2.442	ug/l #	70
16) Acetone	2.386	43	354	0.654	ug/l #	46
31) Cyclohexane	5.556	56	1866	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7544	4.709	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10163	6.050	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	864	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34626	23.459	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	34626	71.765	ug/l #	3

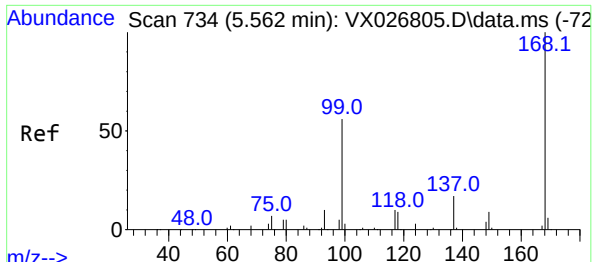
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PE-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

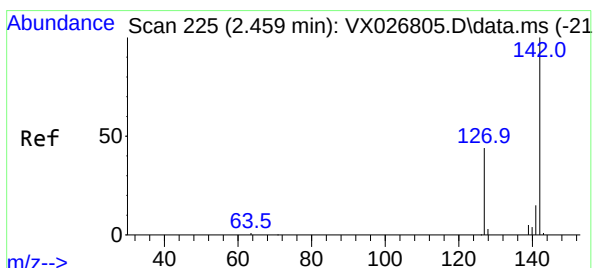
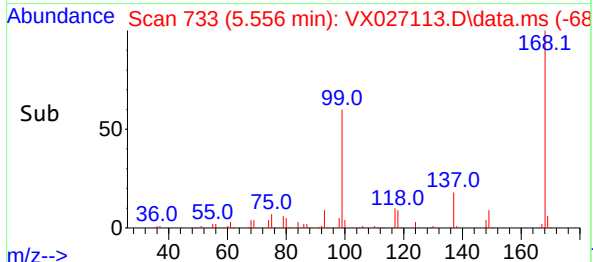
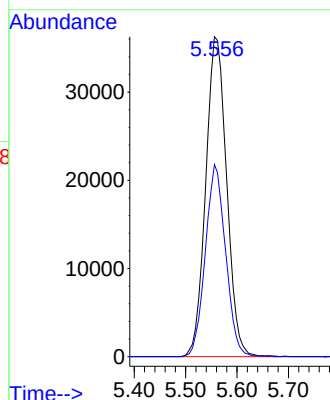
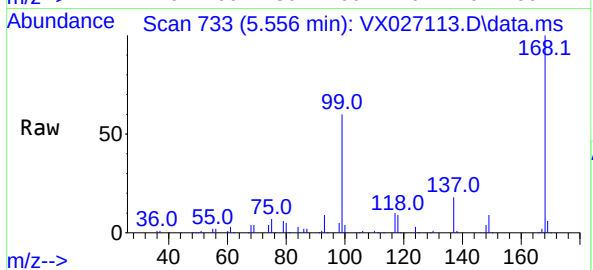




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

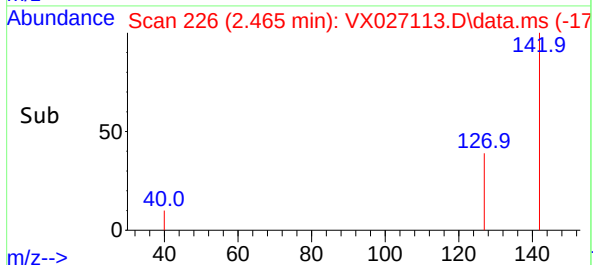
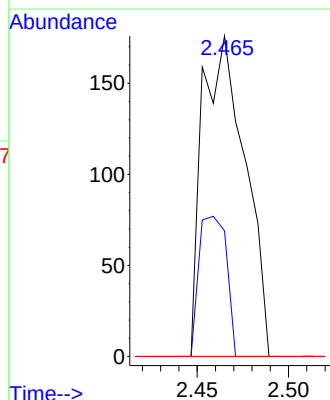
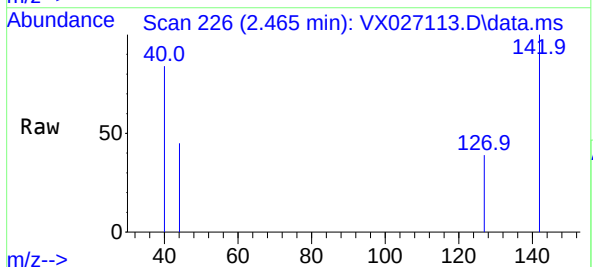
Instrument :
MSVOA_X
ClientSampleId :
PE-1

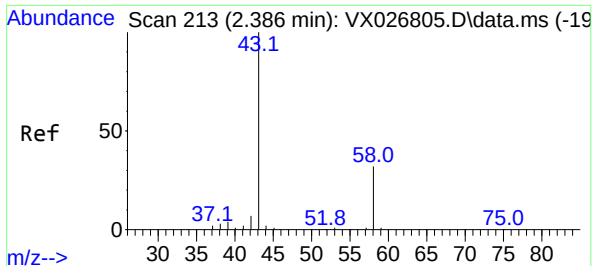
Tgt Ion:168 Resp: 102652
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#10
Methyl Iodide
Concen: 2.442 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 28.3 38.1 57.1#
141 0.0 11.2 16.8#

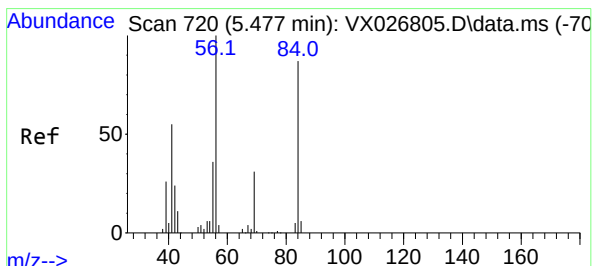
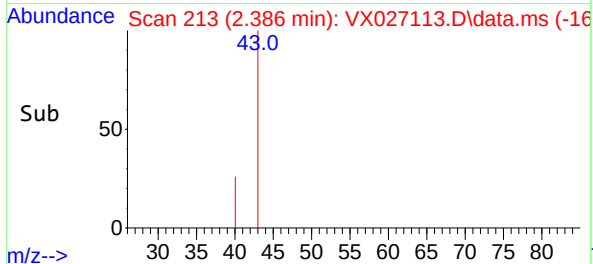
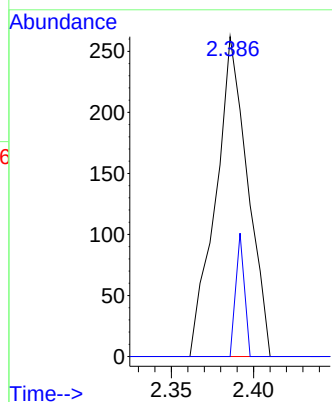
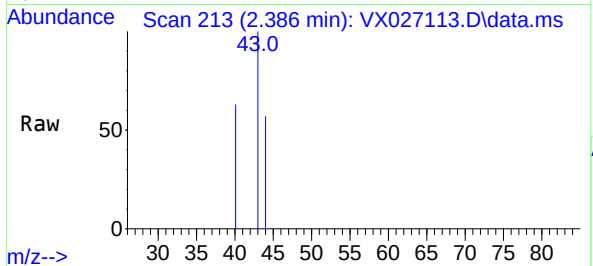




#16
Acetone
Concen: 0.654 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

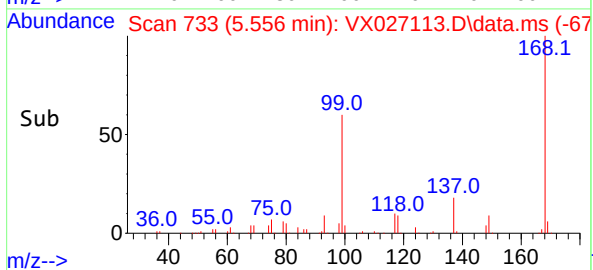
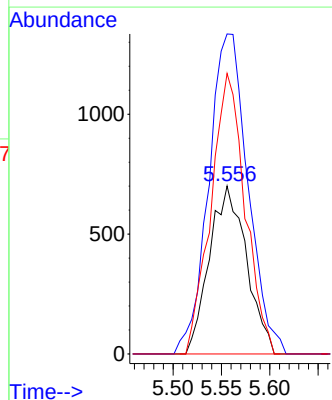
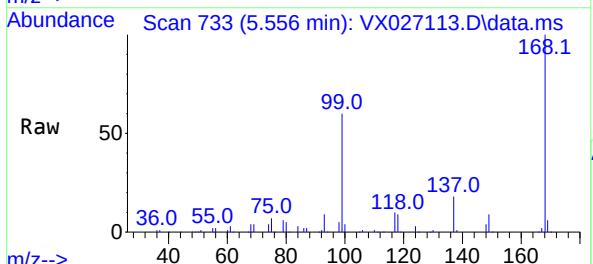
Instrument :
MSVOA_X
ClientSampleId :
PE-1

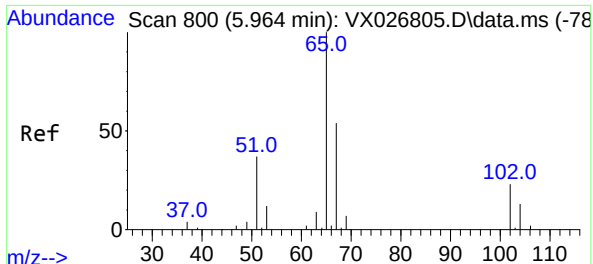
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Tgt Ion: 56 Resp: 1866
Ion Ratio Lower Upper
56 100
69 182.6 25.8 38.6#
84 166.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.705 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027113.D

Acq: 18 Feb 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

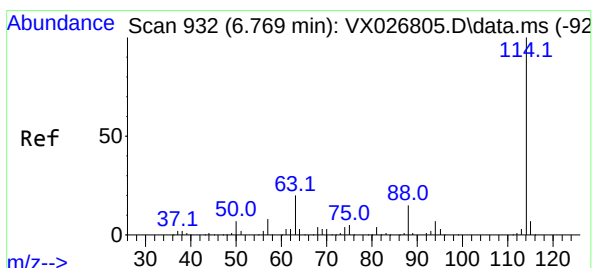
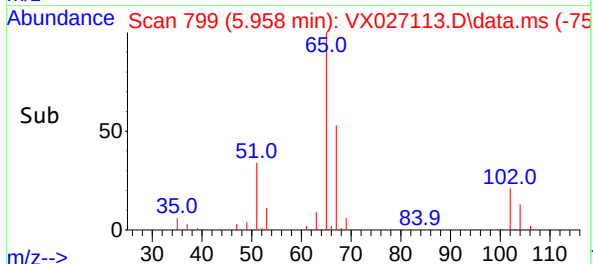
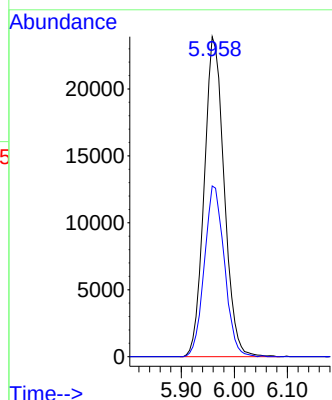
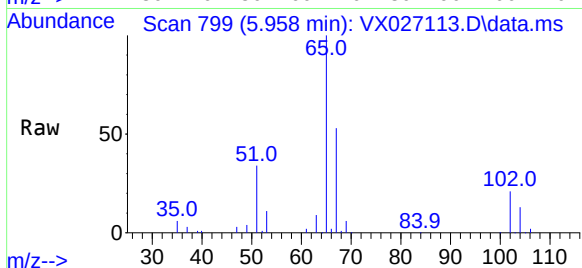
PE-1

Tgt Ion: 65 Resp: 62480

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027113.D

Acq: 18 Feb 2022 16:29

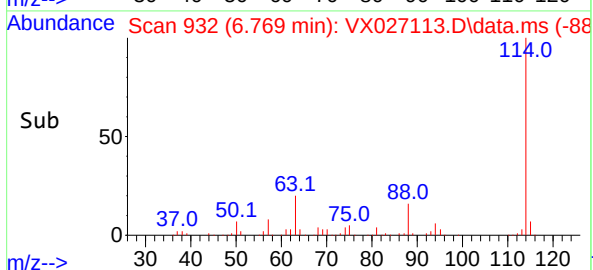
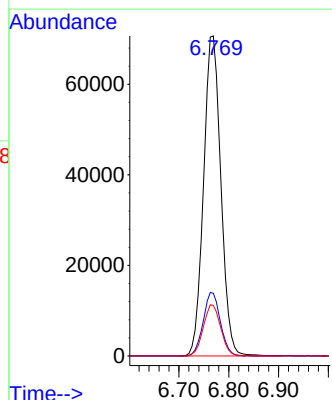
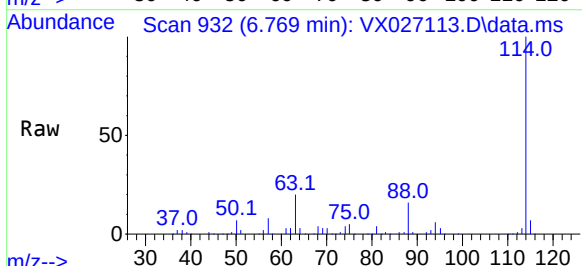
Tgt Ion: 114 Resp: 170447

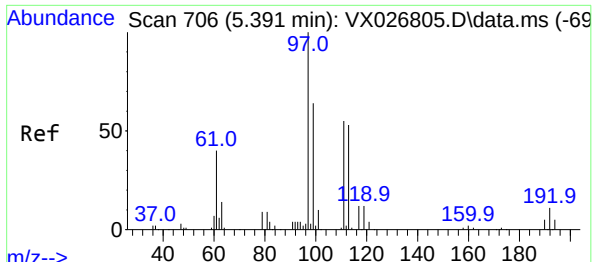
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 15.8 0.0 33.0



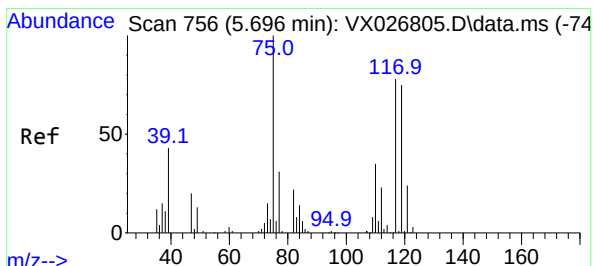
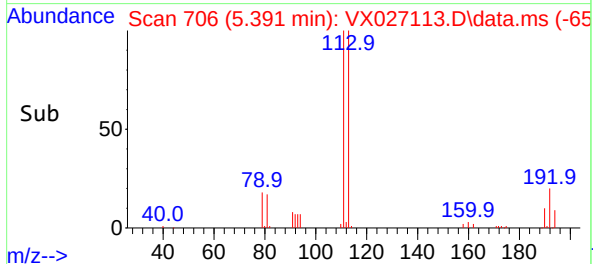
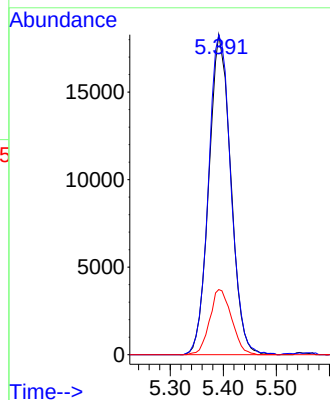
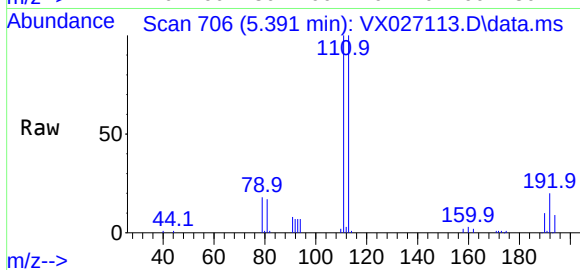


#35
 Dibromofluoromethane
 Concen: 51.711 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027113.D
 Acq: 18 Feb 2022 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PE-1

Tgt Ion: 113 Resp: 52512

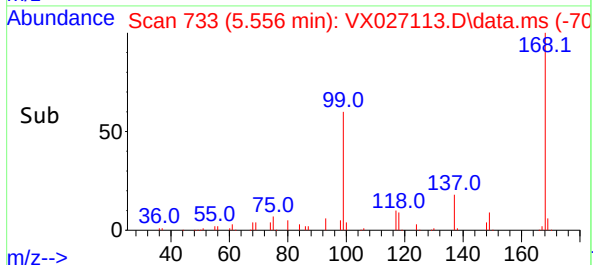
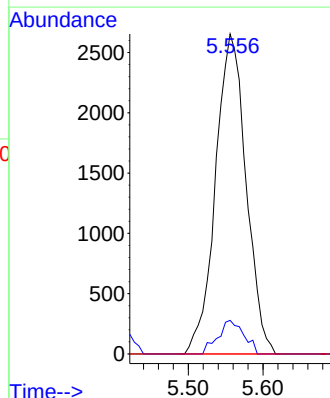
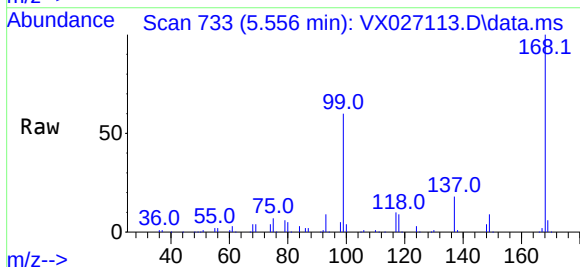
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	20.3	15.0	22.4

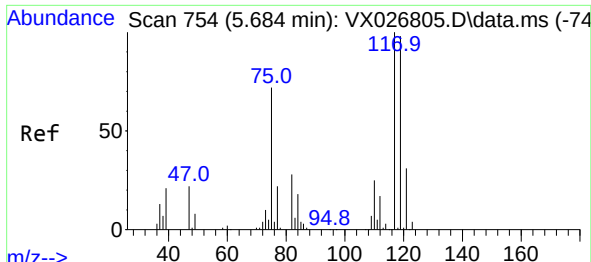


#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX027113.D
 Acq: 18 Feb 2022 16:29

Tgt Ion: 75 Resp: 7544

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.2	51.6#
77	0.0	24.6	36.8#

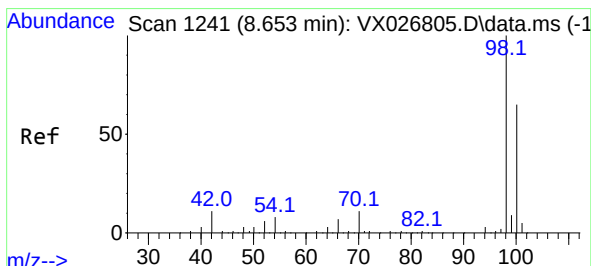
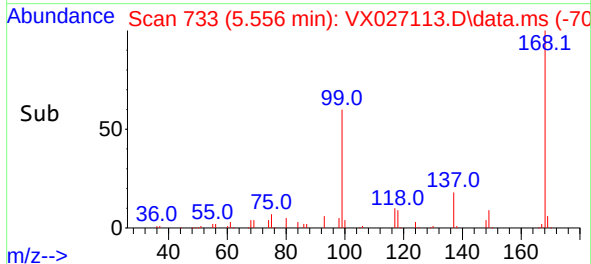
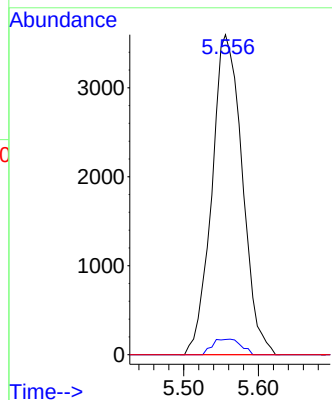
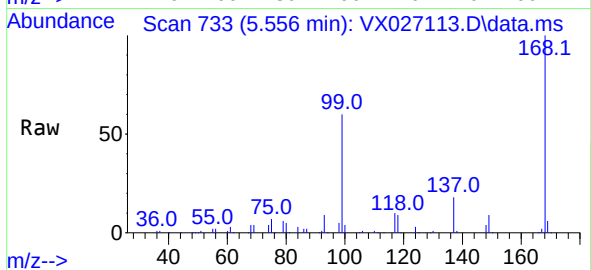




#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

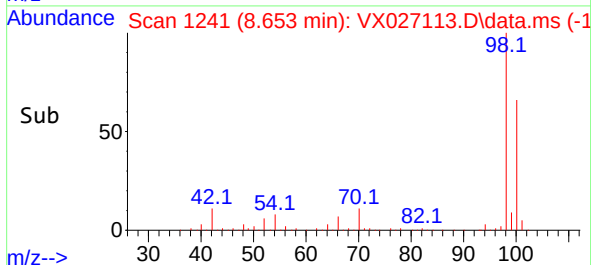
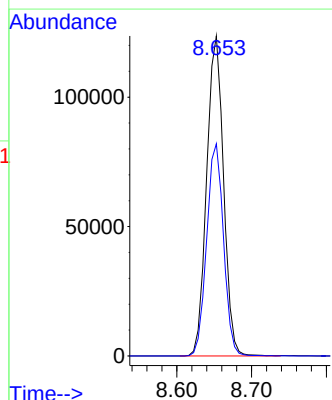
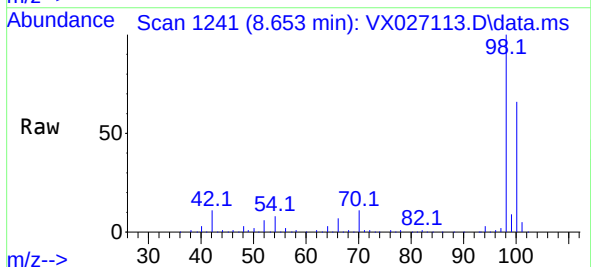
Instrument :
MSVOA_X
ClientSampleId :
PE-1

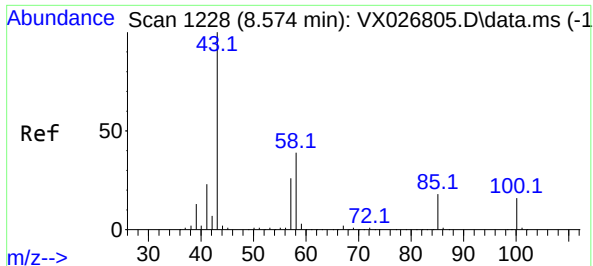
Tgt Ion:117 Resp: 10163
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.016 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Tgt Ion: 98 Resp: 193895
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027113.D

Acq: 18 Feb 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

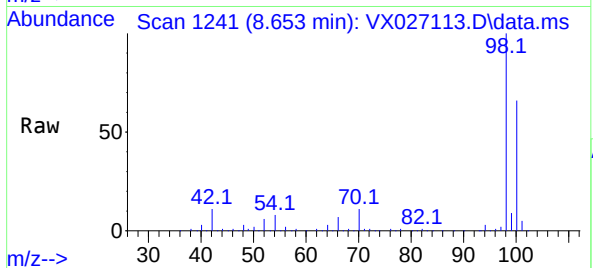
PE-1

Tgt Ion: 43 Resp: 864

Ion Ratio Lower Upper

43 100

58 190.7 30.5 45.7#



Abundance

1000

800

600

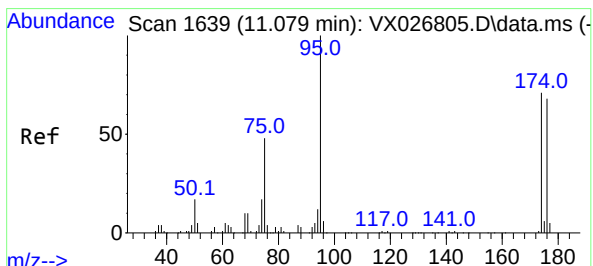
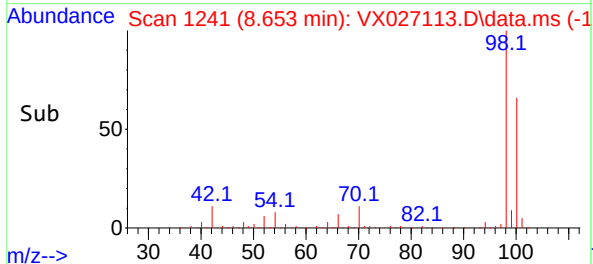
400

200

0

8.653

Time-->



#62

4-Bromofluorobenzene

Concen: 54.536 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027113.D

Acq: 18 Feb 2022 16:29

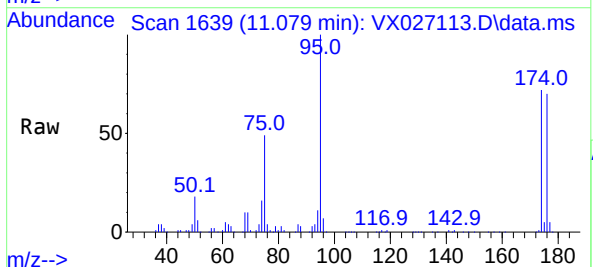
Tgt Ion: 95 Resp: 71570

Ion Ratio Lower Upper

95 100

174 77.7 0.0 148.6

176 75.0 0.0 141.4



Abundance

50000

40000

30000

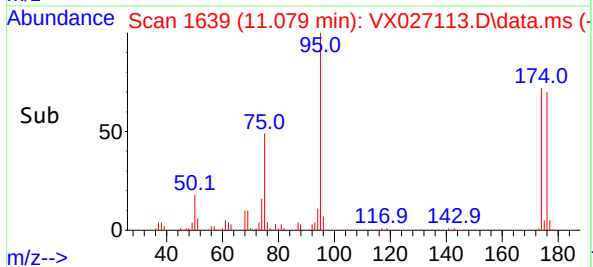
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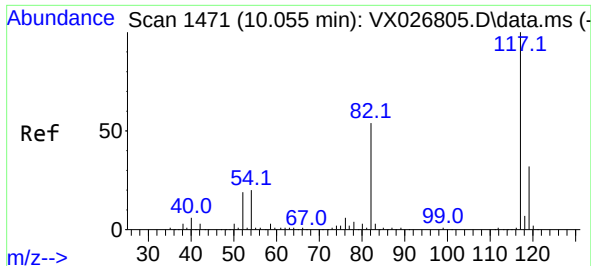
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0

11.079

Time-->

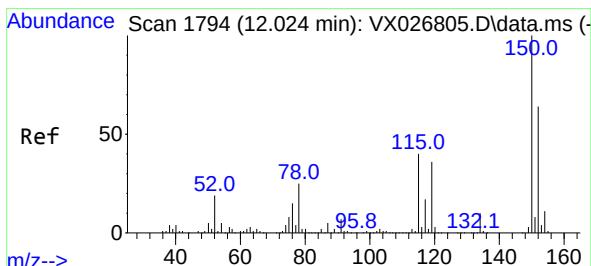
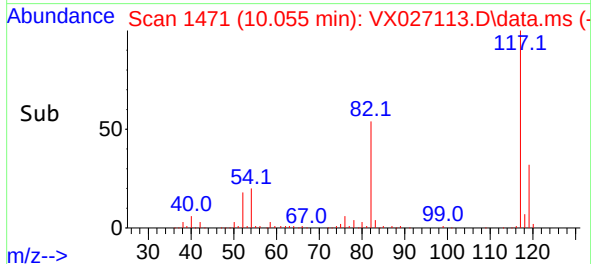
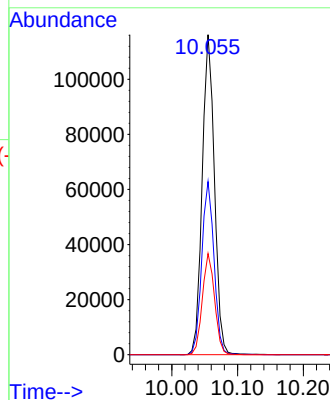
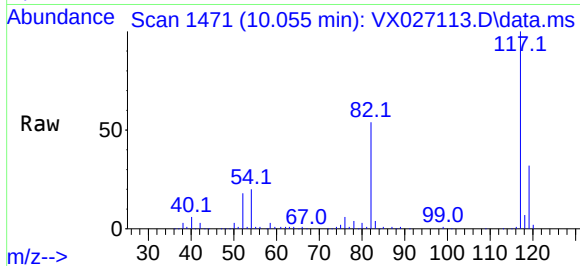




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

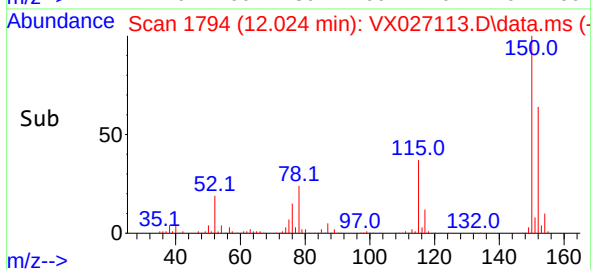
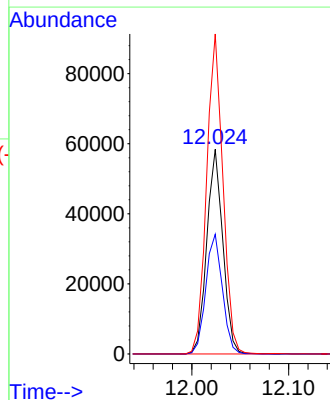
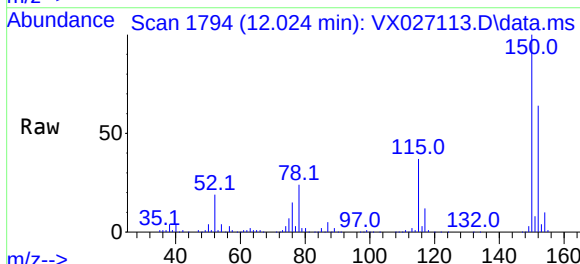
Instrument :
MSVOA_X
ClientSampleId :
PE-1

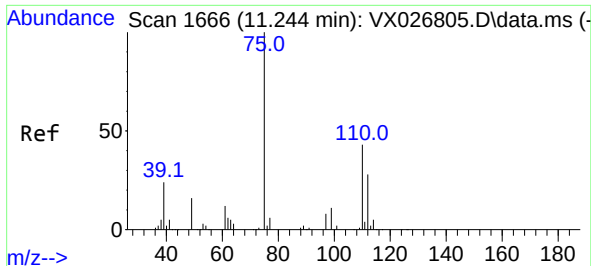
Tgt Ion:117 Resp: 150248
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Tgt Ion:152 Resp: 67427
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 157.9 0.0 348.2

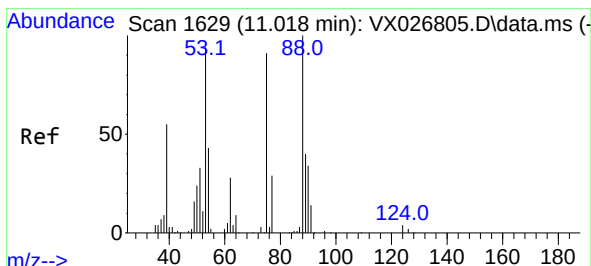
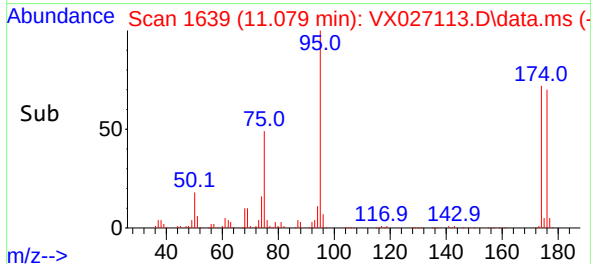
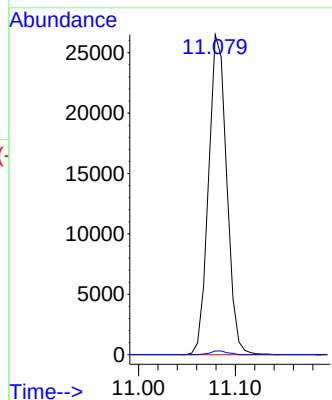
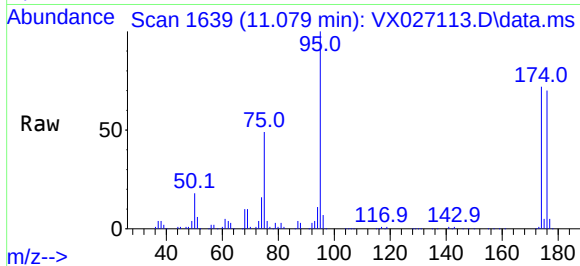




#76
1,2,3-Trichloropropane
Concen: 23.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PE-1

Tgt Ion: 75 Resp: 34626
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027113.D
Acq: 18 Feb 2022 16:29

Tgt Ion: 75 Resp: 34626
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

