

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027405.D
 Acq On : 11 Mar 2022 16:29
 Operator : JC/MD
 Sample : N1895-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-5

Quant Time: Mar 11 23:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

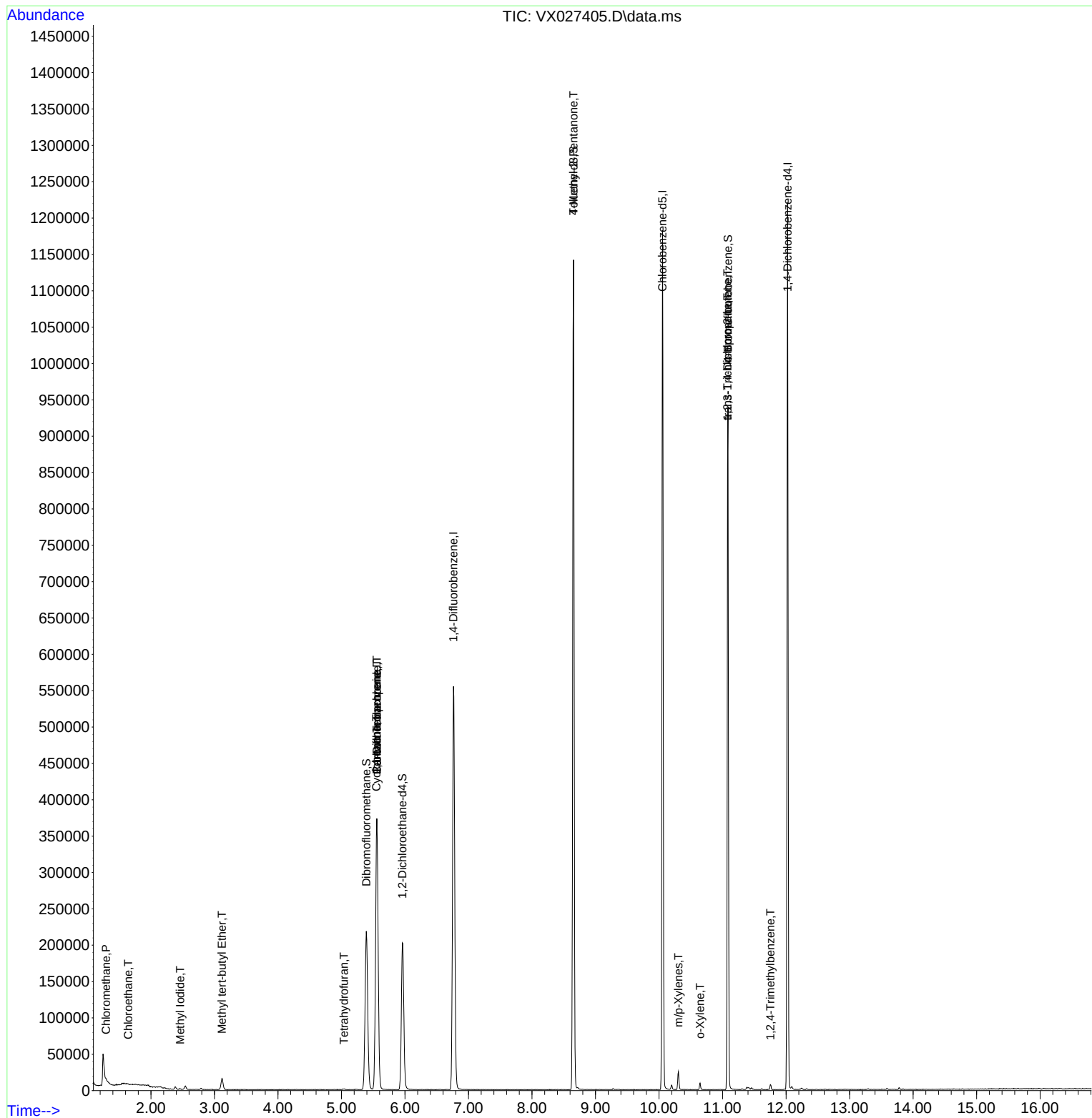
Internal Standards						
1) Pentafluorobenzene	5.556	168	381683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	617955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195163	43.847	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.700%
35) Dibromofluoromethane	5.391	113	196411	49.258	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.520%
50) Toluene-d8	8.653	98	721997	47.962	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.085	95	260460	45.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	836	0.203	ug/l	91
5) Bromomethane	1.611	94	333	Below Cal		88
6) Chloroethane	1.642	64	729	0.719	ug/l #	43
10) Methyl Iodide	2.459	142	1371	0.252	ug/l #	92
16) Acetone	2.380	43	3527	Below Cal		91
19) Methyl tert-butyl Ether	3.117	73	17232	1.405	ug/l	99
29) Tetrahydrofuran	5.038	42	792	0.390	ug/l	94
31) Cyclohexane	5.550	56	5886	0.945	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23838	4.306	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36169	6.318	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2037	0.346	ug/l #	1
68) m/p-Xylenes	10.305	106	6550	0.811	ug/l	96
69) o-Xylene	10.646	106	2156	0.270	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	117112	20.261	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117112	65.527	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3733	0.228	ug/l	100

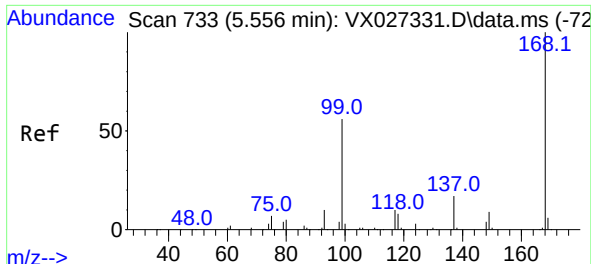
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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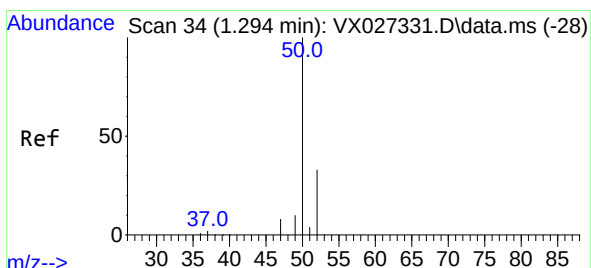
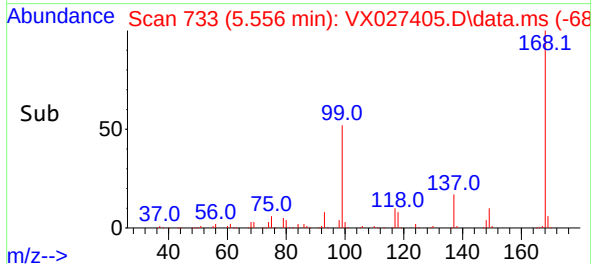
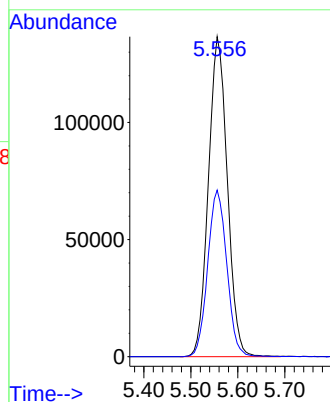
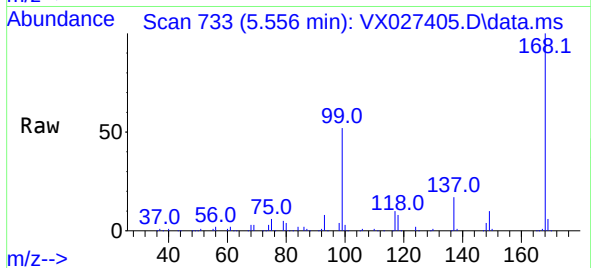




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

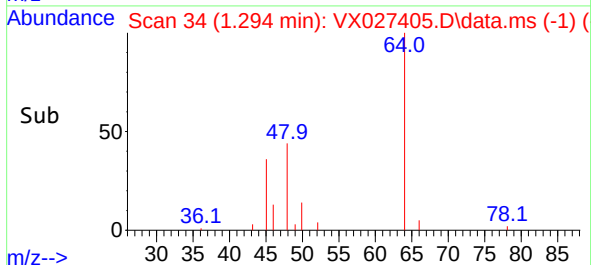
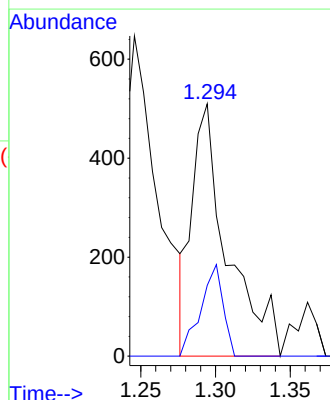
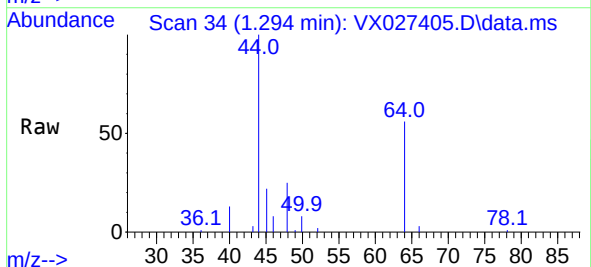
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion:168 Resp: 381683
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5

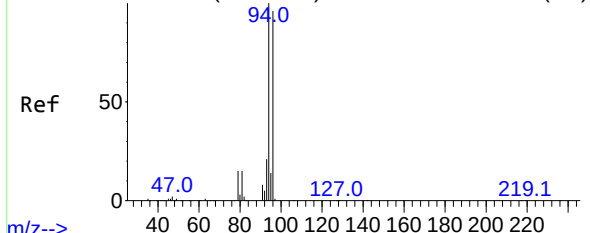


#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 50 Resp: 836
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX027405.D

Acq: 11 Mar 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

PZ-5

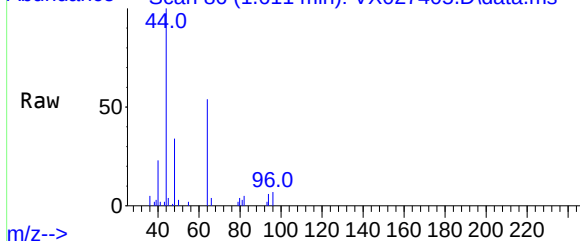
Tgt Ion: 94 Resp: 333

Ion Ratio Lower Upper

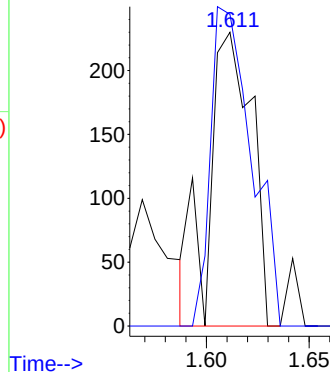
94 100

96 106.1 75.3 112.9

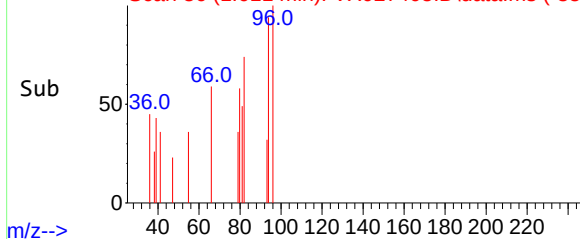
Abundance Scan 86 (1.611 min): VX027405.D\data.ms



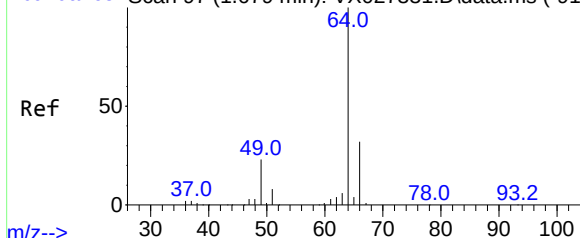
Abundance



Abundance Scan 86 (1.611 min): VX027405.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6

Chloroethane

Concen: 0.719 ug/l

RT: 1.642 min Scan# 91

Delta R.T. -0.037 min

Lab File: VX027405.D

Acq: 11 Mar 2022 16:29

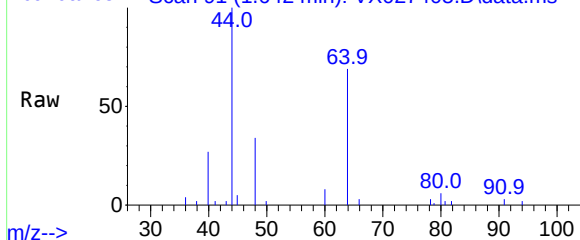
Tgt Ion: 64 Resp: 729

Ion Ratio Lower Upper

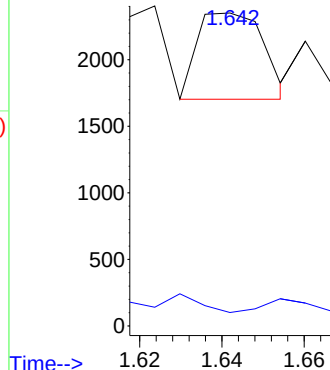
64 100

66 0.0 25.3 37.9#

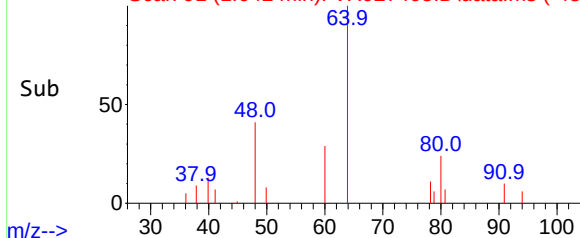
Abundance Scan 91 (1.642 min): VX027405.D\data.ms

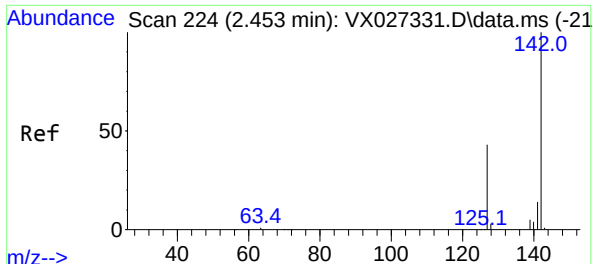


Abundance



Abundance Scan 91 (1.642 min): VX027405.D\data.ms (-48)

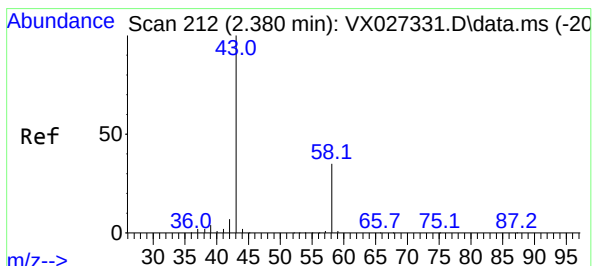
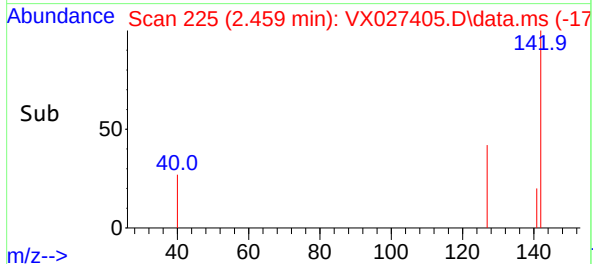
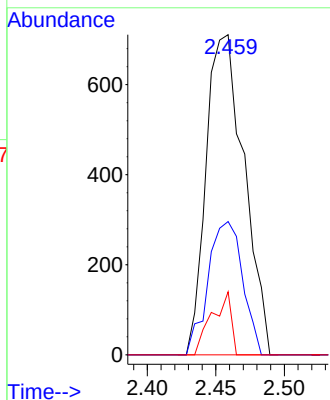
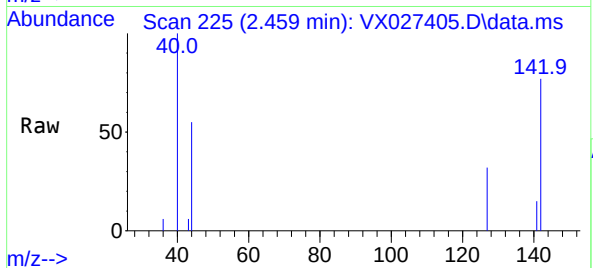




#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

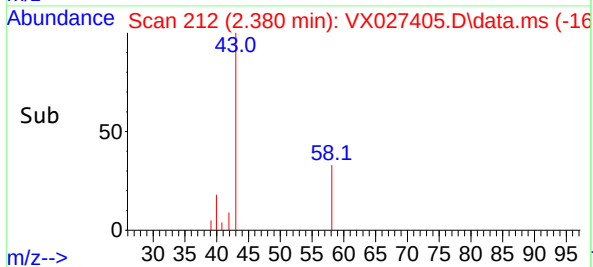
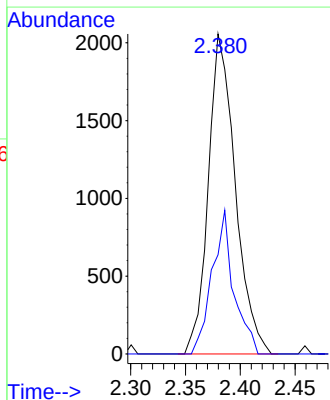
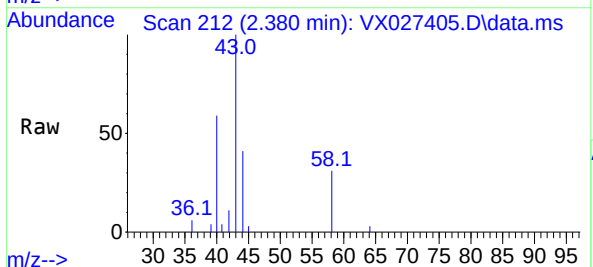
Instrument :
MSVOA_X
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PZ-5

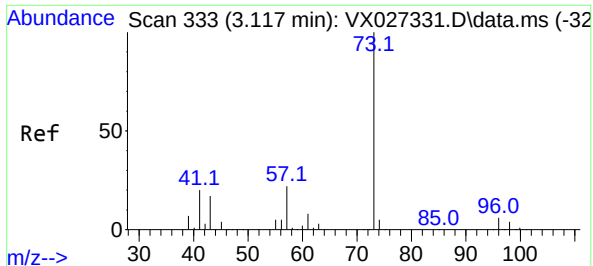
Tgt Ion:142 Resp: 1371
Ion Ratio Lower Upper
142 100
127 37.9 33.9 50.9
141 10.1 11.4 17.2#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2

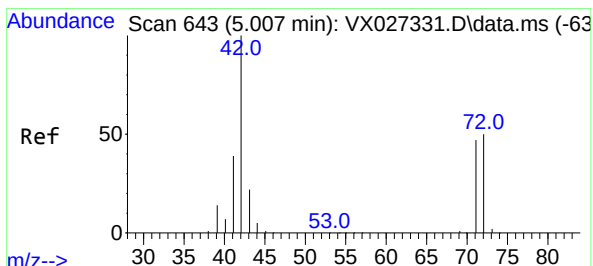
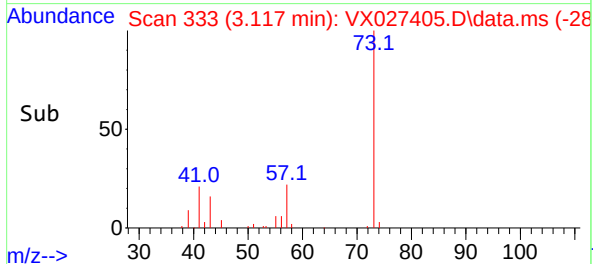
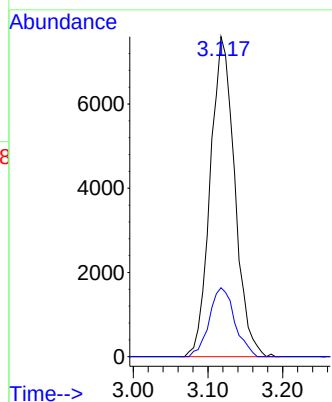
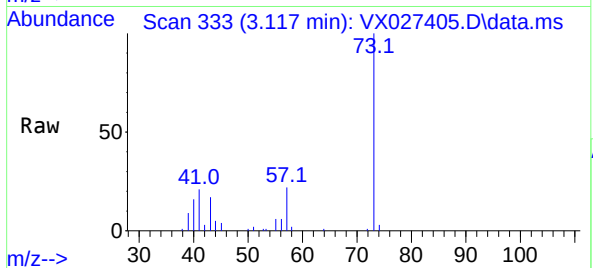




#19
Methyl tert-butyl Ether
Concen: 1.405 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

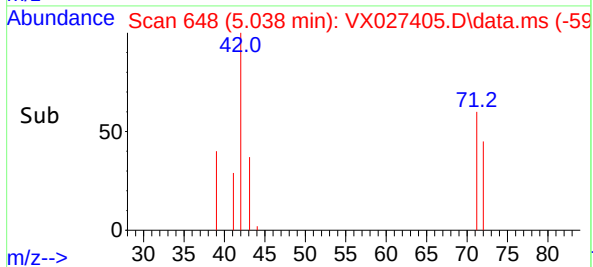
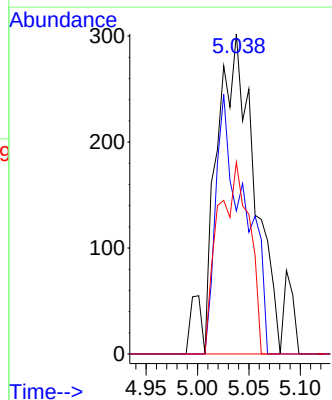
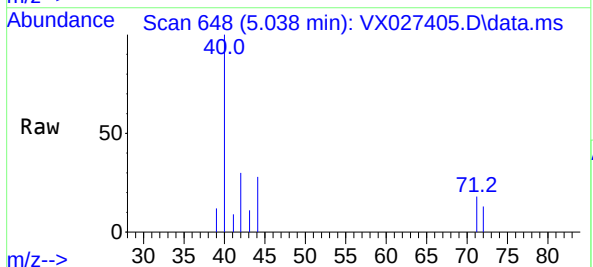
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

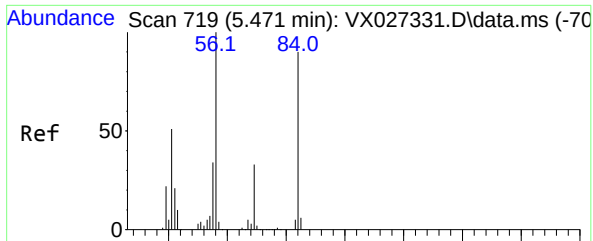
Tgt Ion: 73 Resp: 17232
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#29
Tetrahydrofuran
Concen: 0.390 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

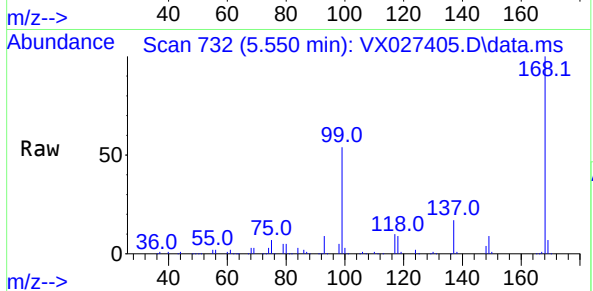
Tgt Ion: 42 Resp: 792
Ion Ratio Lower Upper
42 100
72 60.4 44.1 66.1
71 48.0 40.5 60.7



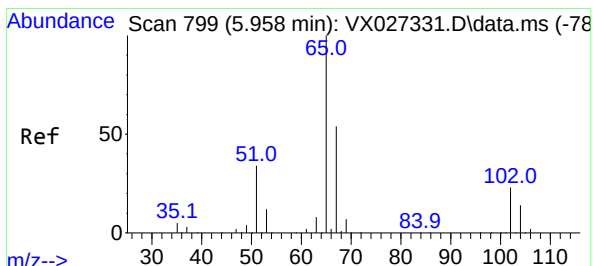
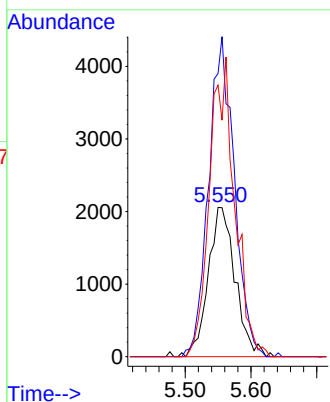
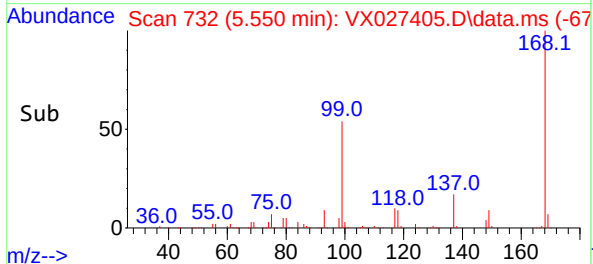


#31
Cyclohexane
Concen: 0.945 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

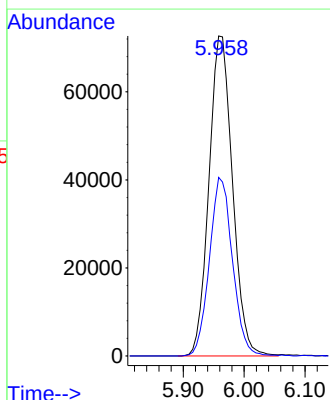
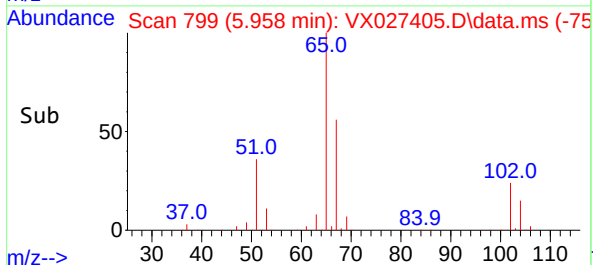
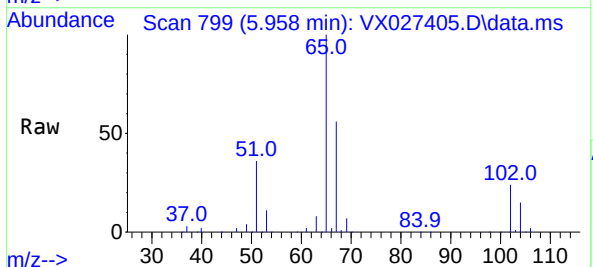


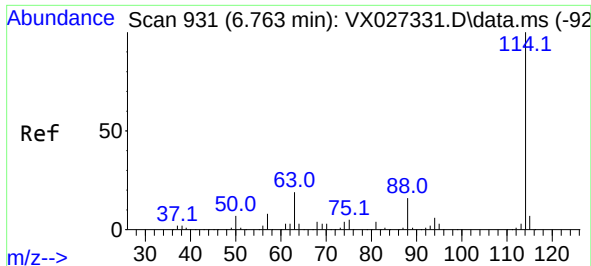
Tgt Ion: 56 Resp: 5886
Ion Ratio Lower Upper
56 100
69 189.6 26.7 40.1#
84 181.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 65 Resp: 195163
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.4

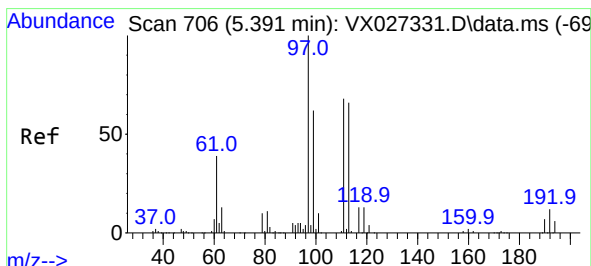
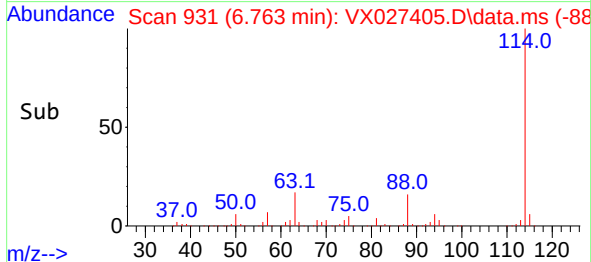
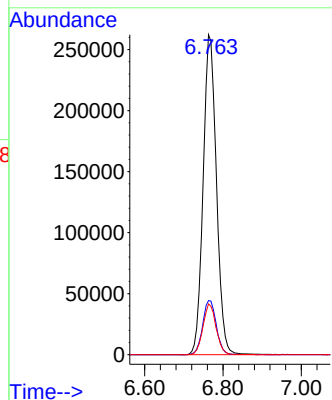
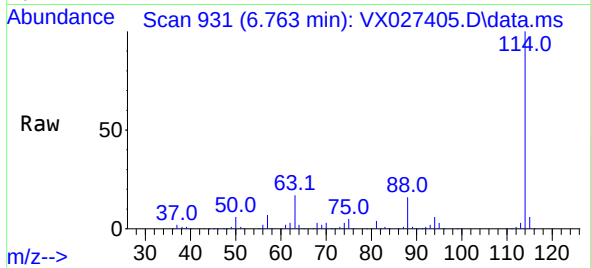




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

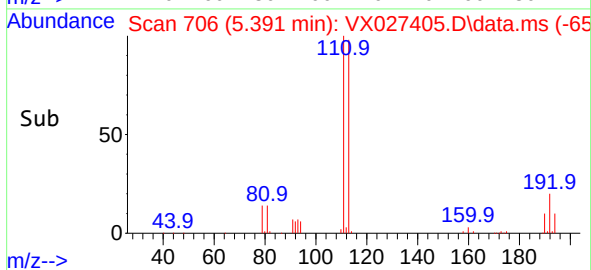
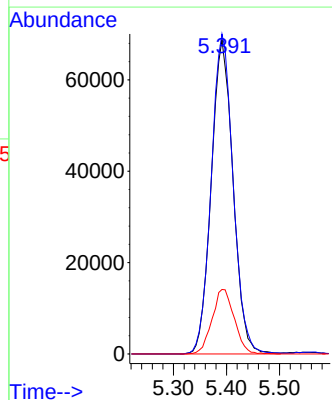
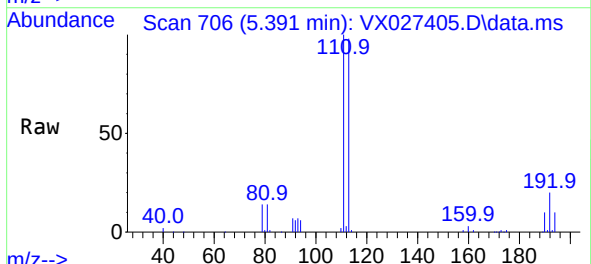
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PZ-5

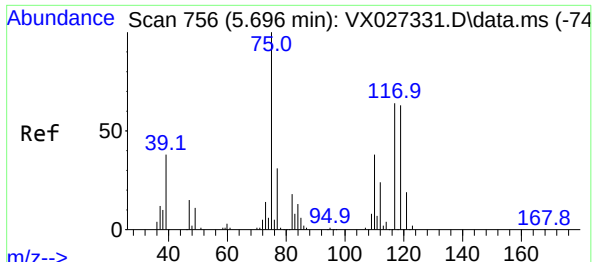
Tgt Ion:114 Resp: 617955
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion:113 Resp: 196411
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.9 16.9 25.3

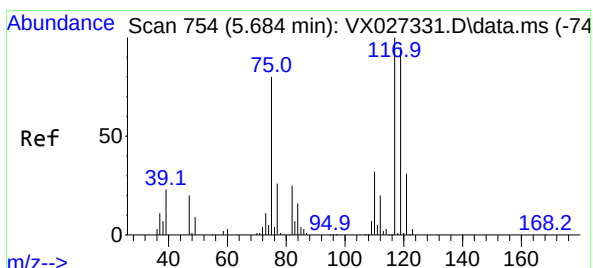
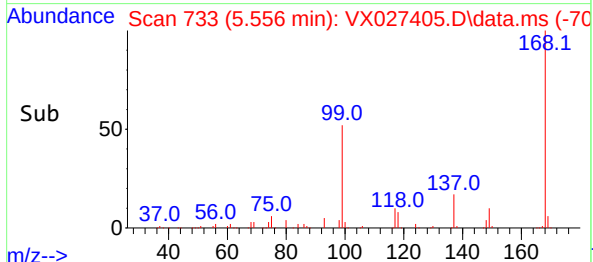
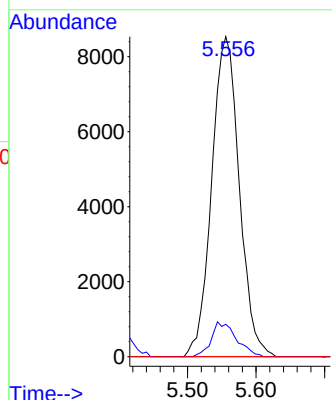
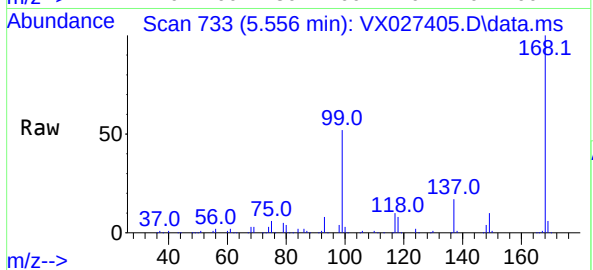




#36
1,1-Dichloropropene
Concen: 4.306 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

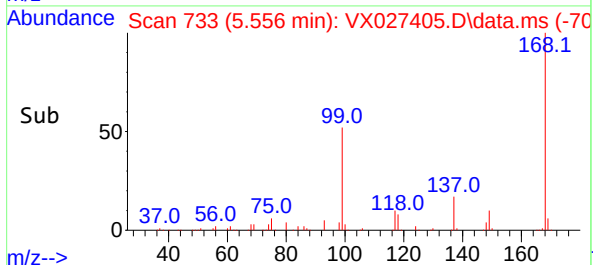
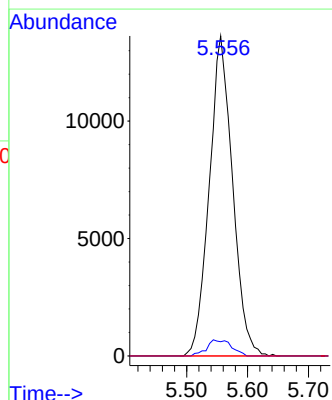
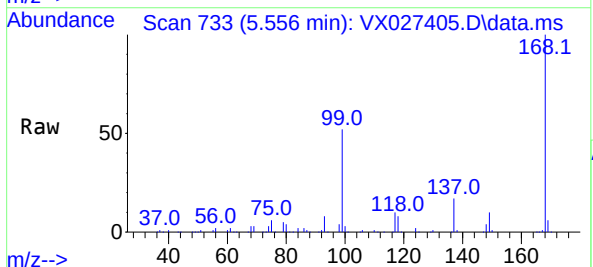
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

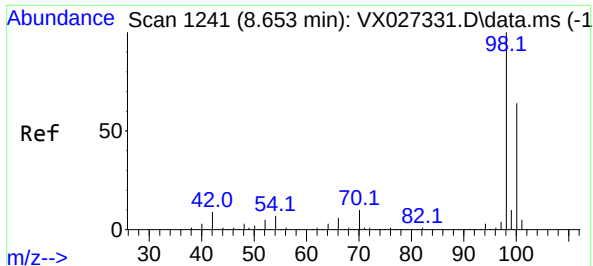
Tgt Ion: 75 Resp: 23838
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 117 Resp: 36169
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 47.962 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027405.D

Acq: 11 Mar 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

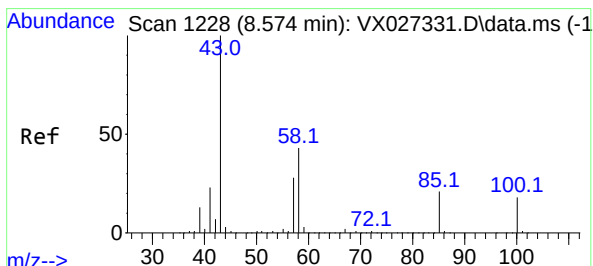
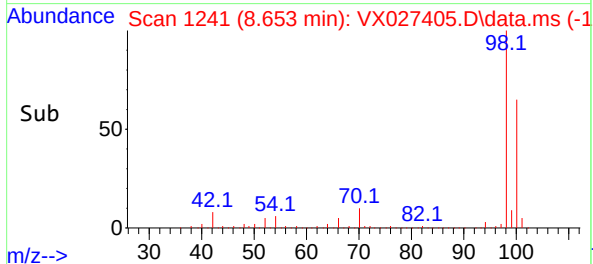
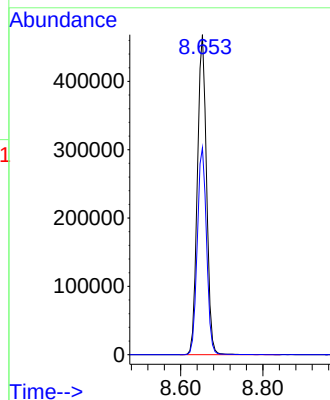
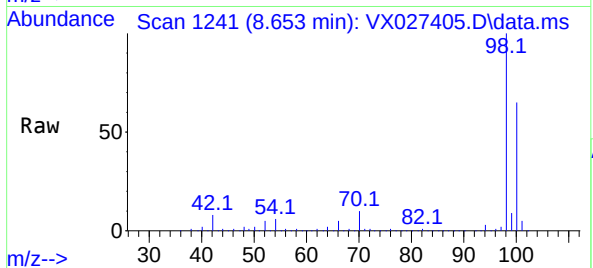
PZ-5

Tgt Ion: 98 Resp: 721997

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.346 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027405.D

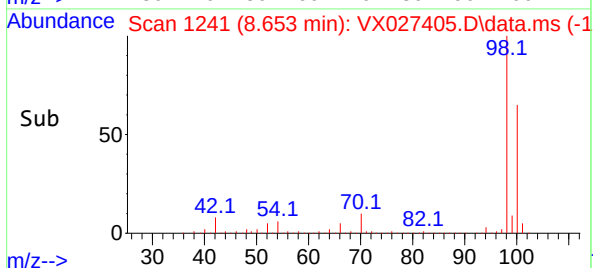
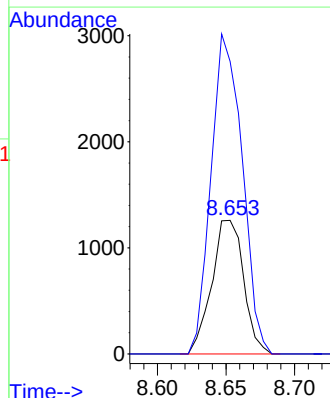
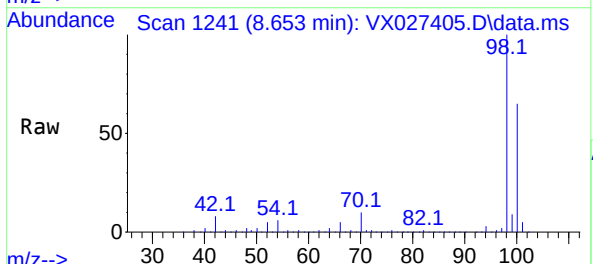
Acq: 11 Mar 2022 16:29

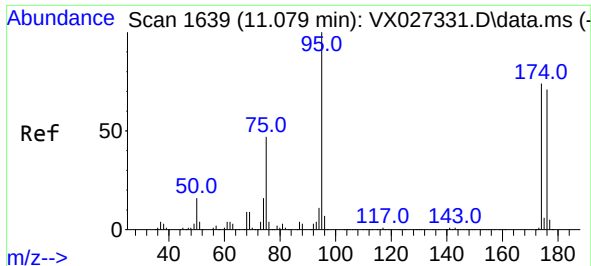
Tgt Ion: 43 Resp: 2037

Ion Ratio Lower Upper

43 100

58 234.3 36.1 54.1#

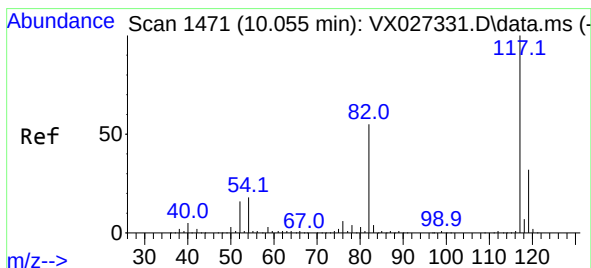
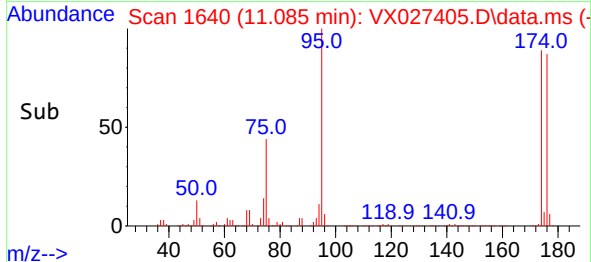
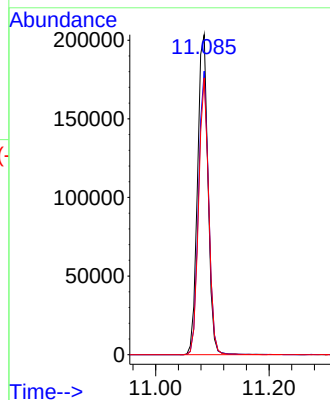
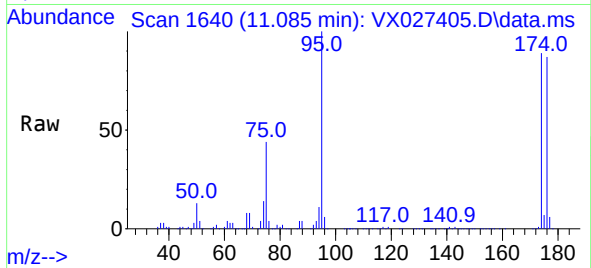




#62
4-Bromofluorobenzene
Concen: 45.397 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

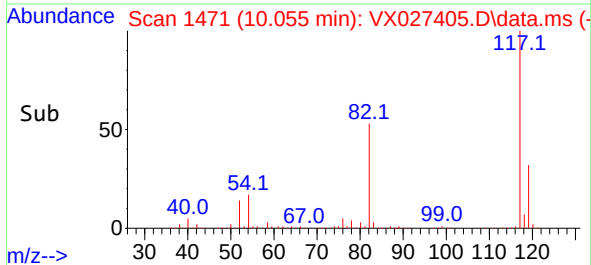
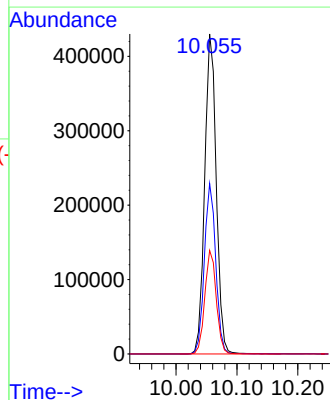
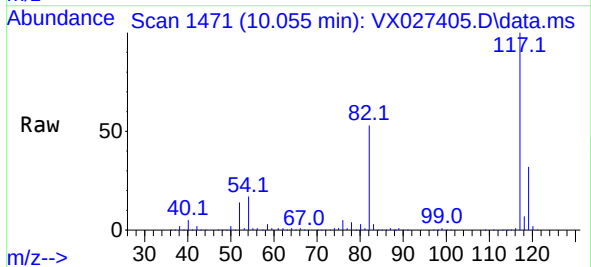
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

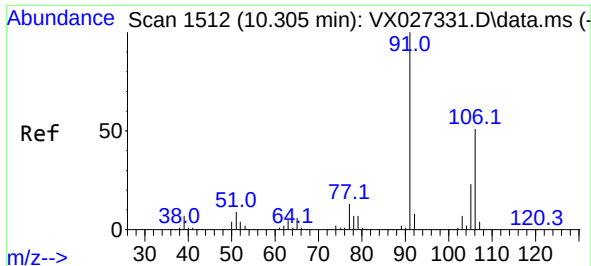
Tgt Ion: 95 Resp: 260460
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 83.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 117 Resp: 567851
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.4 24.8 37.2

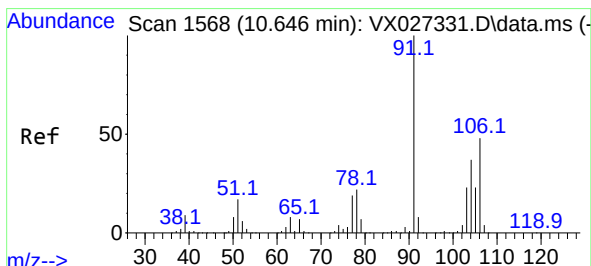
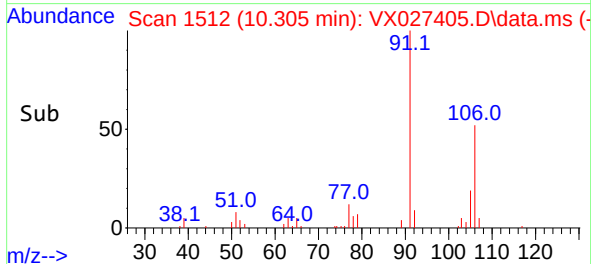
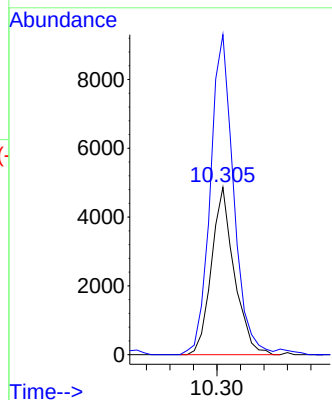
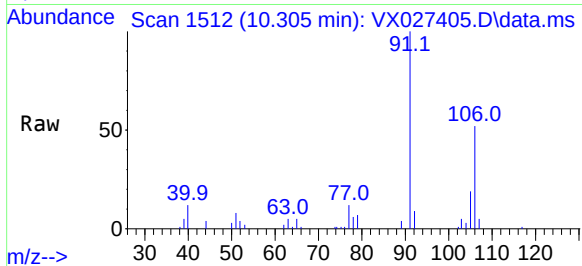




#68
m/p-Xylenes
Concen: 0.811 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

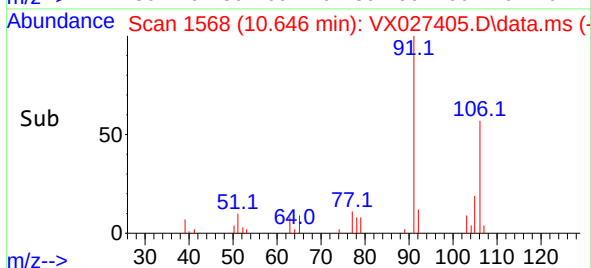
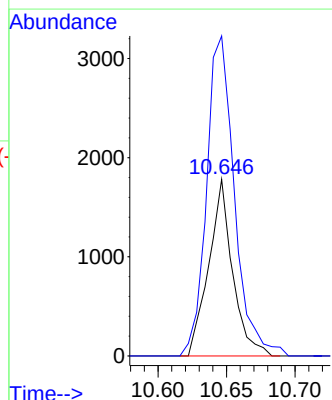
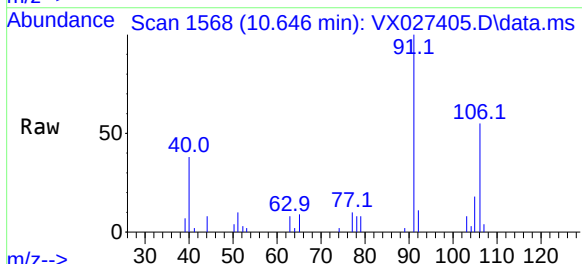
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

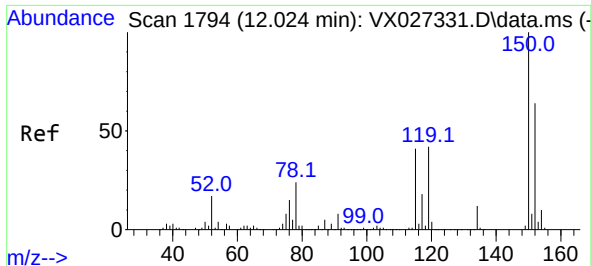
Tgt Ion:106 Resp: 6550
Ion Ratio Lower Upper
106 100
91 195.0 160.4 240.6



#69
o-Xylene
Concen: 0.270 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion:106 Resp: 2156
Ion Ratio Lower Upper
106 100
91 211.7 106.1 318.1

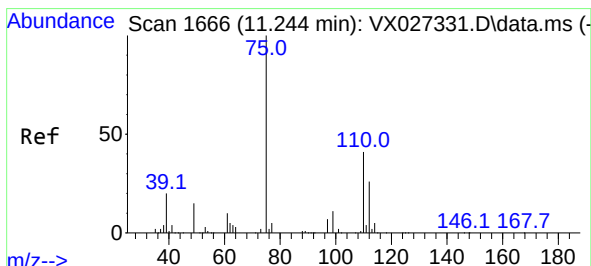
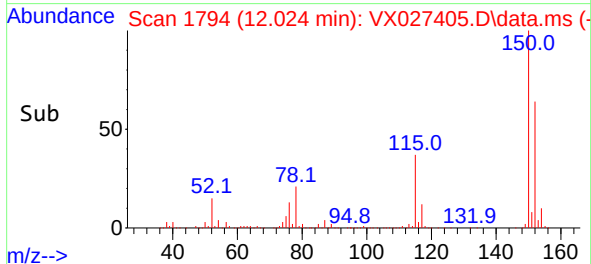
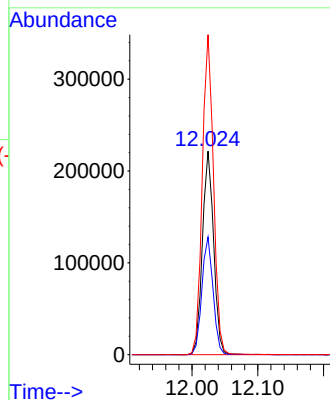
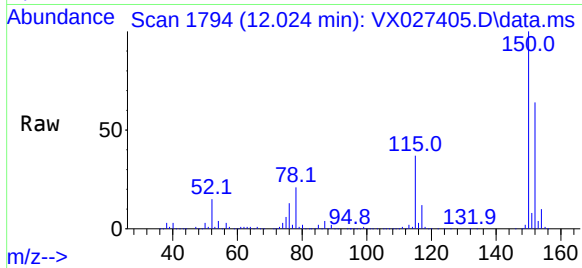




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

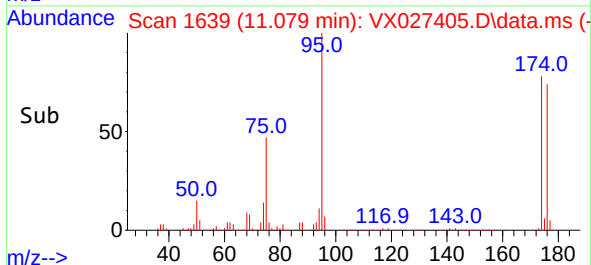
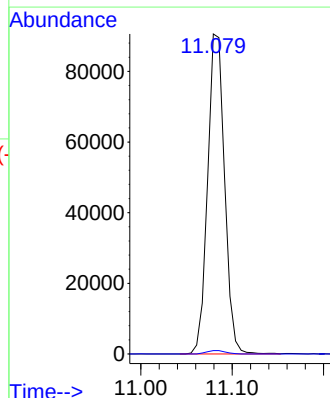
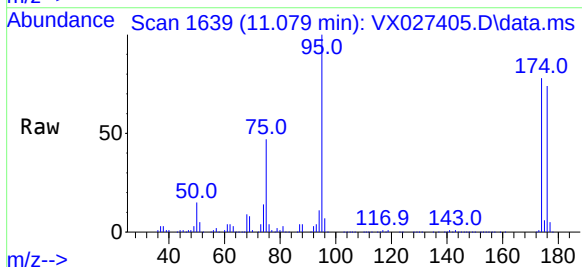
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

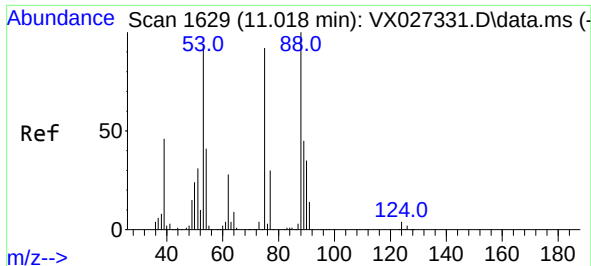
Tgt Ion:152 Resp: 263446
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 75 Resp: 117112
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

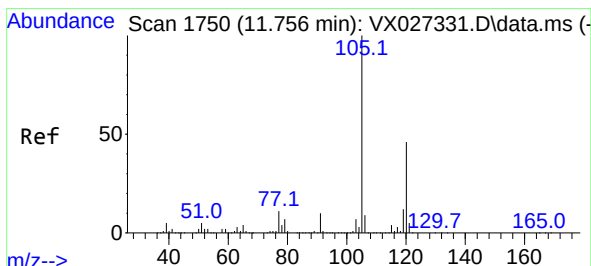
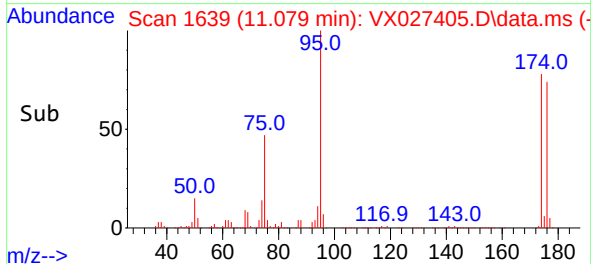
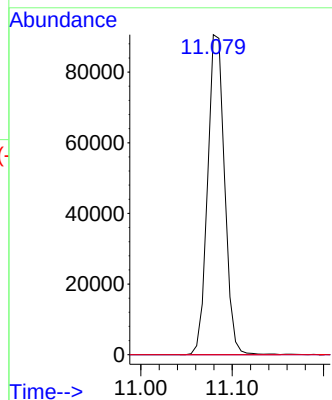
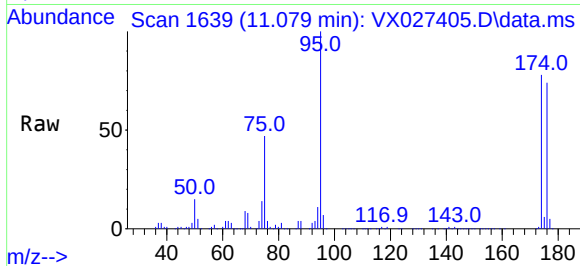




#81
trans-1,4-Dichloro-2-butene
Concen: 65.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion: 75 Resp: 117112
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.228 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027405.D
Acq: 11 Mar 2022 16:29

Tgt Ion: 105 Resp: 3733
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8

