

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027361.D
 Acq On : 09 Mar 2022 19:47
 Operator : JC/MD
 Sample : N1814-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:36:48 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)

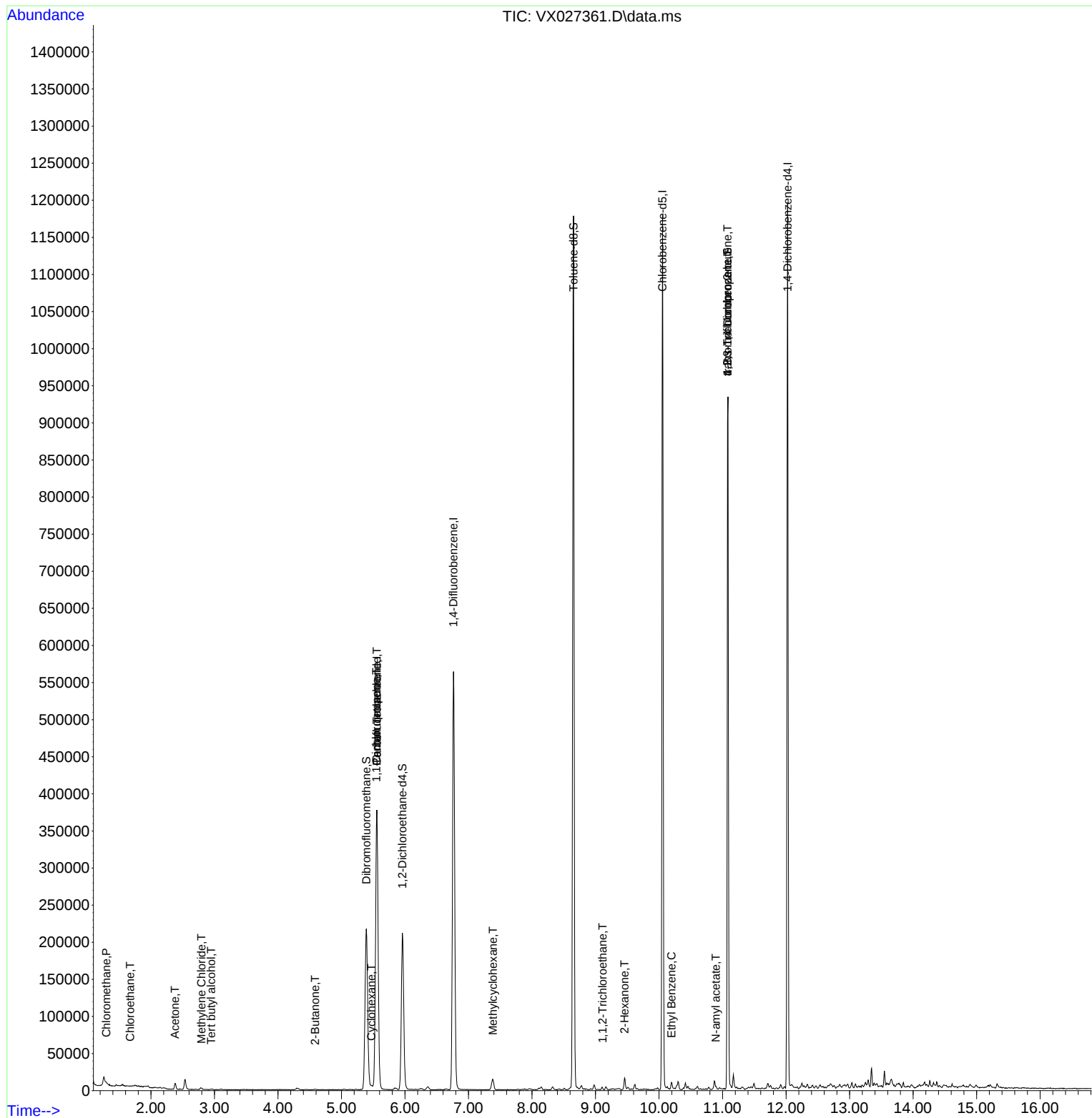
Internal Standards						
1) Pentafluorobenzene	5.556	168	383702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198502	44.362	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.720%
35) Dibromofluoromethane	5.391	113	195594	48.669	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.340%
50) Toluene-d8	8.653	98	731931	48.241	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	262987	45.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	864	0.209	ug/l	98
5) Bromomethane	1.617	94	336	Below Cal		88
6) Chloroethane	1.672	64	138	0.507	ug/l #	43
11) Tert butyl alcohol	2.946	59	882	1.005	ug/l #	72
16) Acetone	2.380	43	9099	2.386	ug/l	99
20) Methylene Chloride	2.794	84	967	0.221	ug/l #	75
25) 2-Butanone	4.586	43	1086	0.352	ug/l #	86
31) Cyclohexane	5.470	56	3368	0.538	ug/l #	90
36) 1,1-Dichloropropene	5.550	75	25723	4.610	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36474	6.322	ug/l #	16
39) Methylcyclohexane	7.385	83	6880	0.976	ug/l	94
55) 1,1,2-Trichloroethane	9.110	97	1178	0.261	ug/l #	16
59) 2-Hexanone	9.458	43	1700	0.371	ug/l	67
67) Ethyl Benzene	10.195	91	6337	0.304	ug/l #	80
74) N-amyl acetate	10.896	43	2293	0.330	ug/l #	36
76) 1,2,3-Trichloropropane	11.079	75	119952	21.012	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	119952	67.956	ug/l #	15

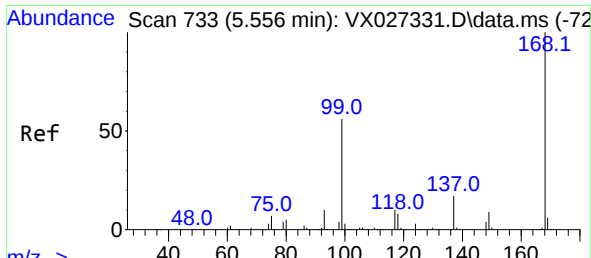
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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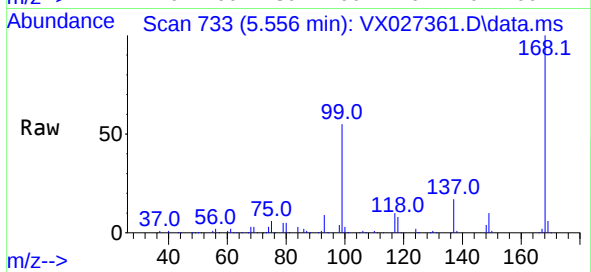
Quant Time: Mar 10 00:36:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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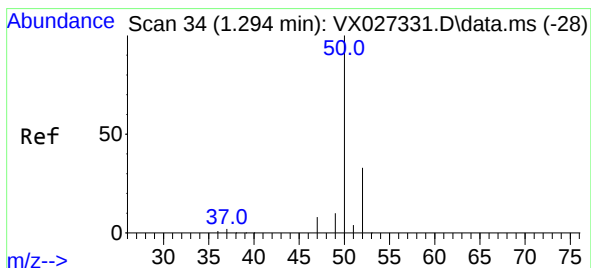
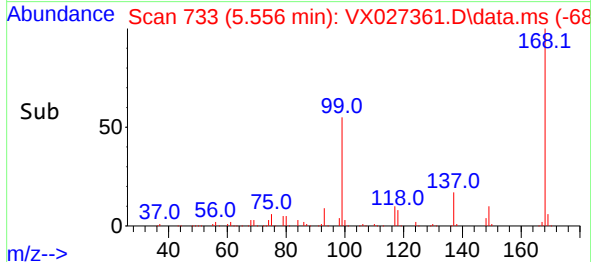
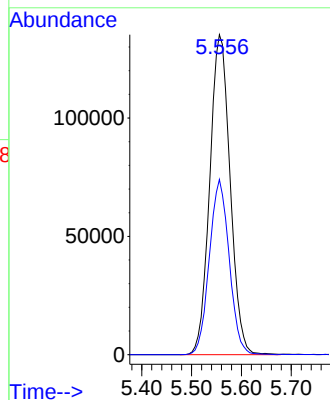


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :

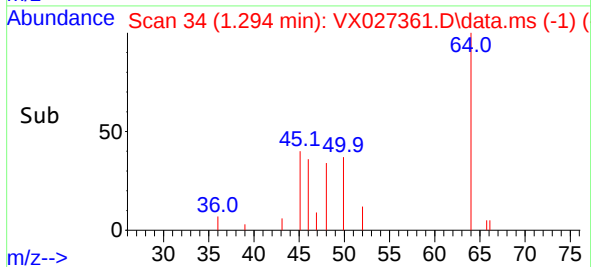
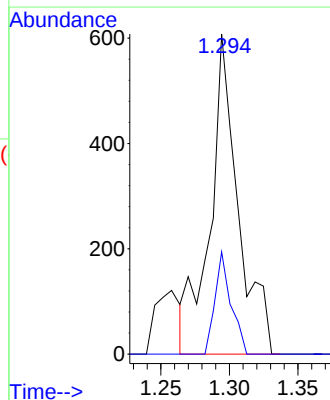
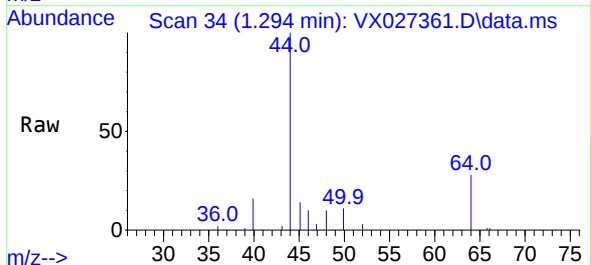


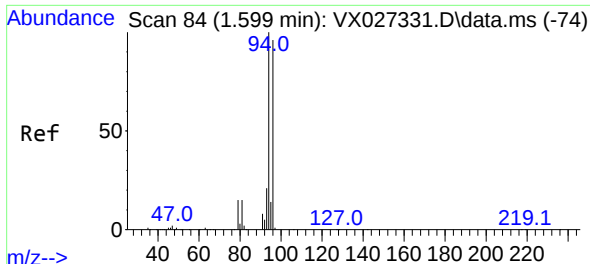
Tgt Ion:168 Resp: 383702
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 50 Resp: 864
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

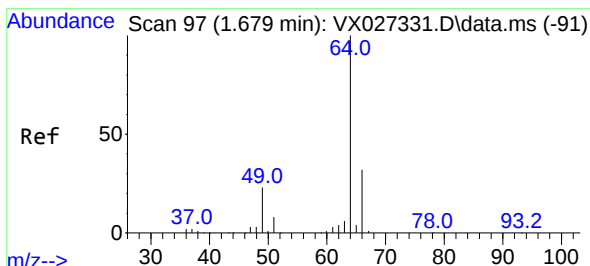
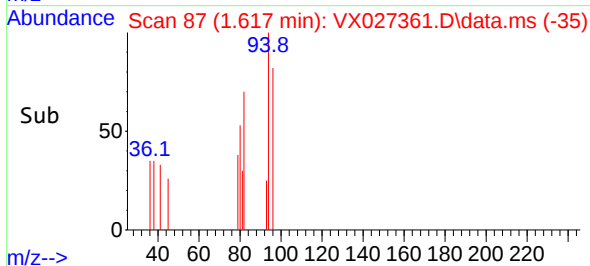
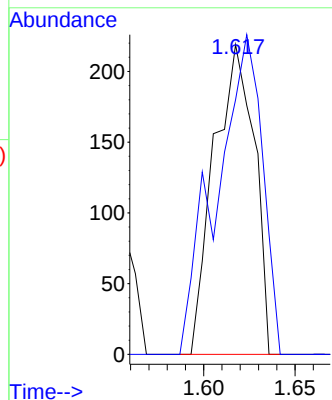
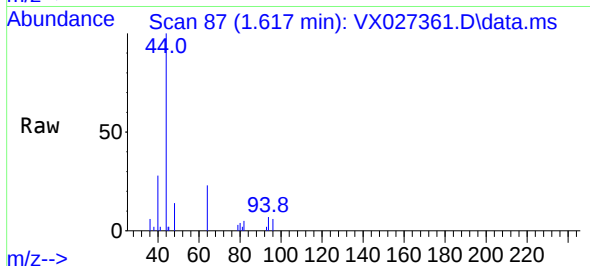




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

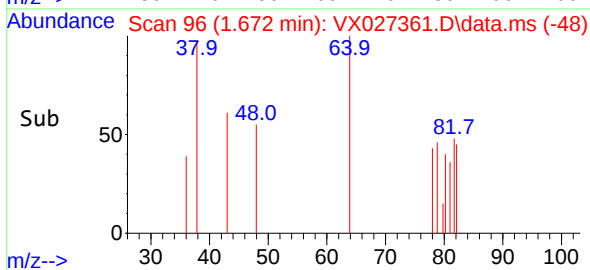
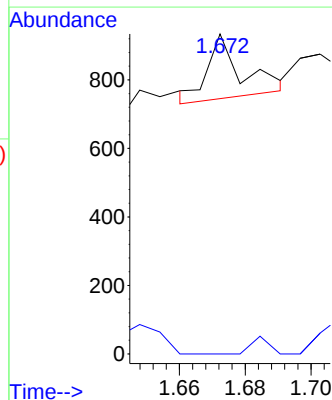
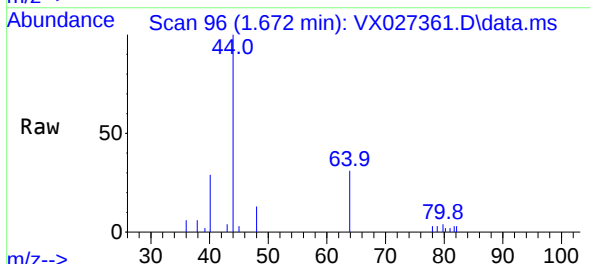
Instrument :
MSVOA_X
ClientSampleId :

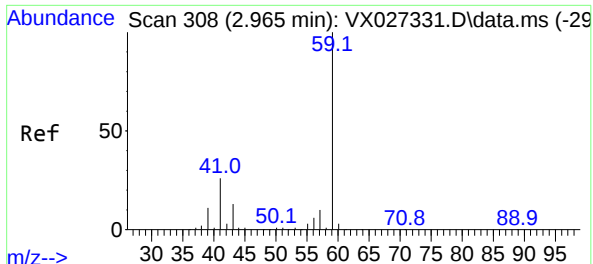
Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 82.2 75.3 112.9



#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 1.005 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

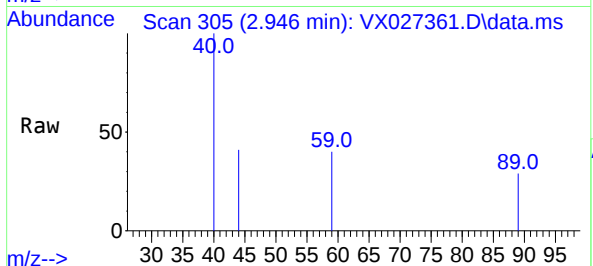
Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

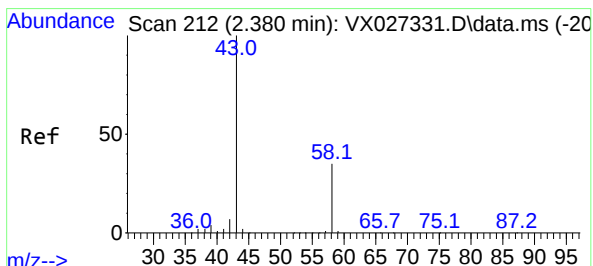
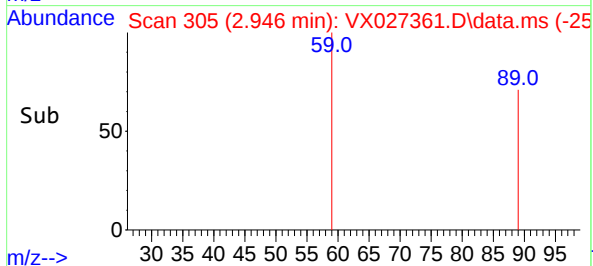
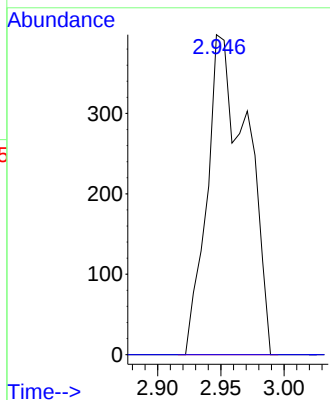


Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.386 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027361.D

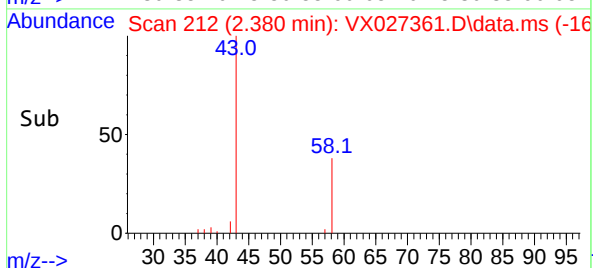
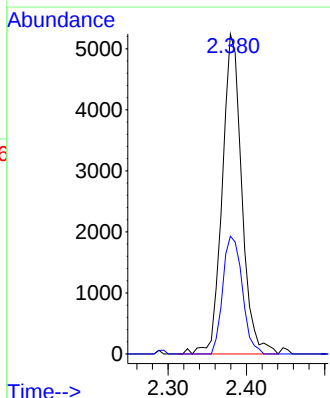
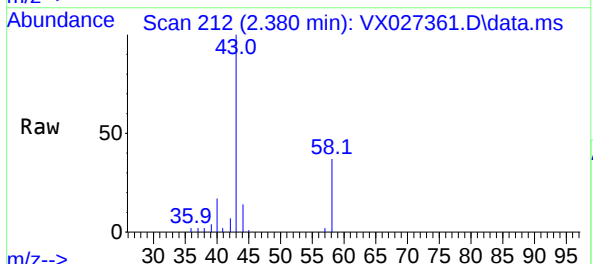
Acq: 09 Mar 2022 19:47

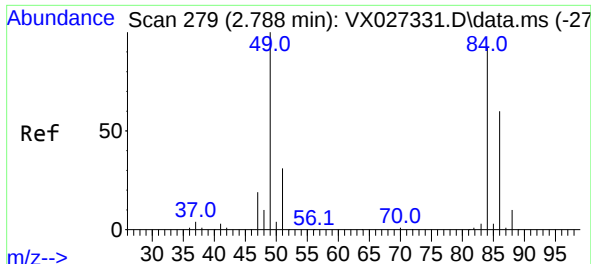
Tgt Ion: 43 Resp: 9099

Ion Ratio Lower Upper

43 100

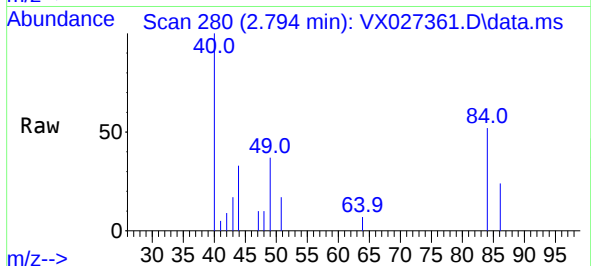
58 36.8 28.8 43.2



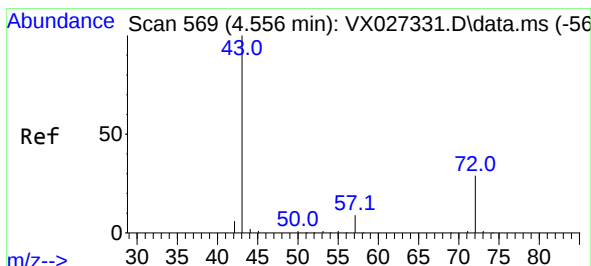
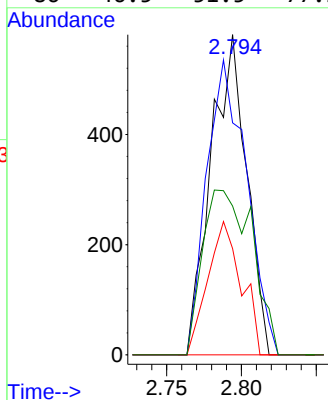
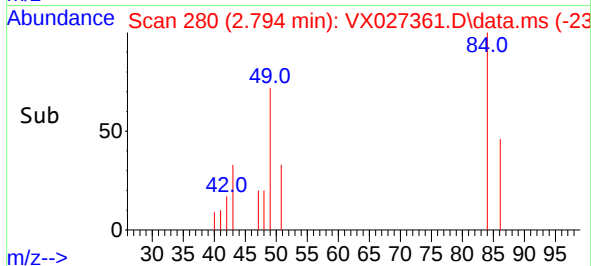


#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :

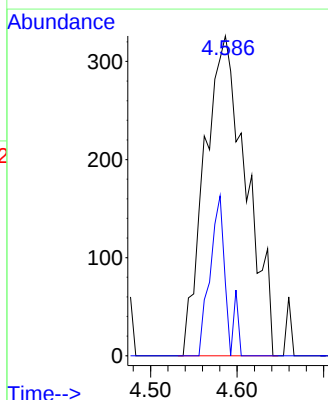
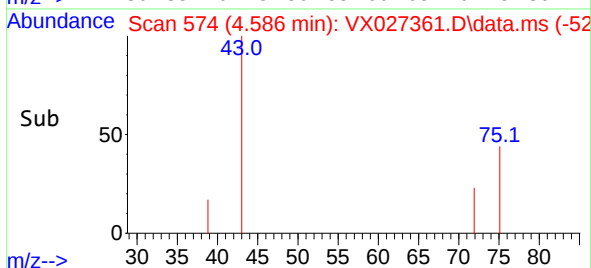
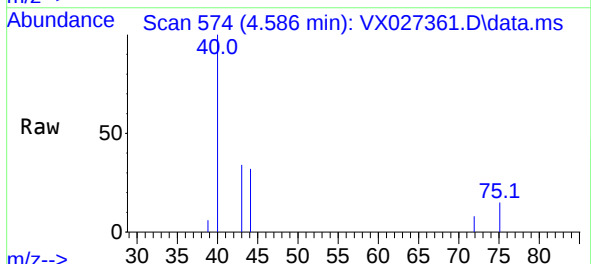


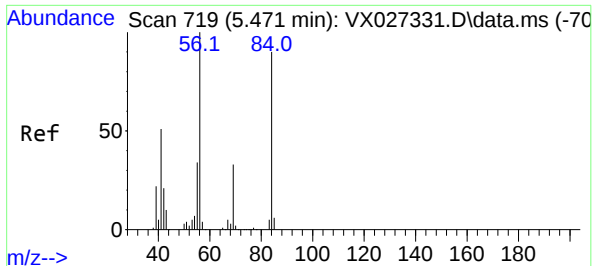
Tgt Ion:	84	Resp:	967
Ion	Ratio	Lower	Upper
84	100		
49	72.5	85.5	128.3#
51	33.2	26.6	39.8
86	46.5	51.5	77.3#



#25
2-Butanone
Concen: 0.352 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

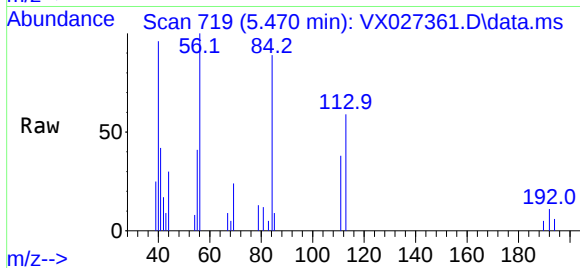
Tgt Ion:	43	Resp:	1086
Ion	Ratio	Lower	Upper
43	100		
72	22.7	24.4	36.6#



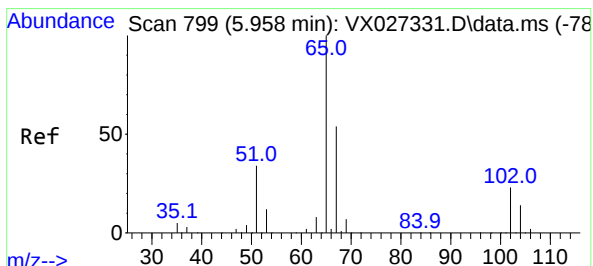
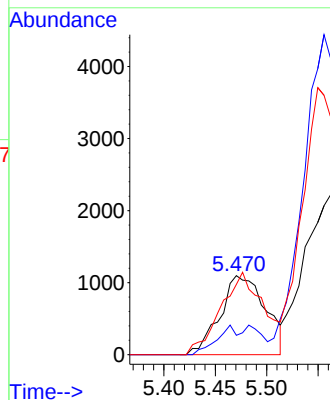
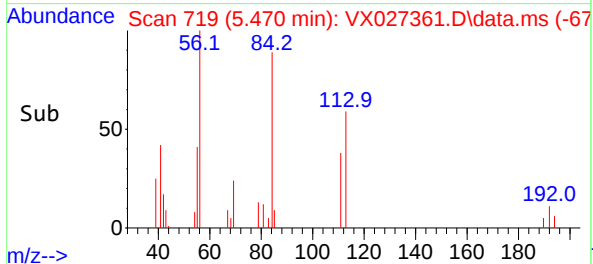


#31
Cyclohexane
Concen: 0.538 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :

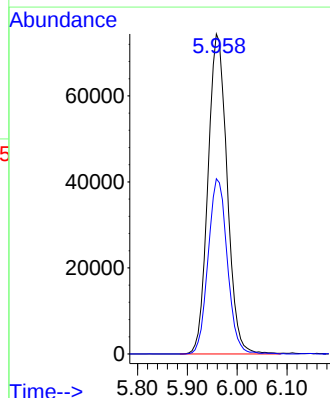
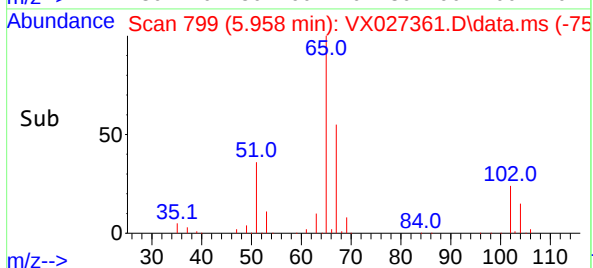
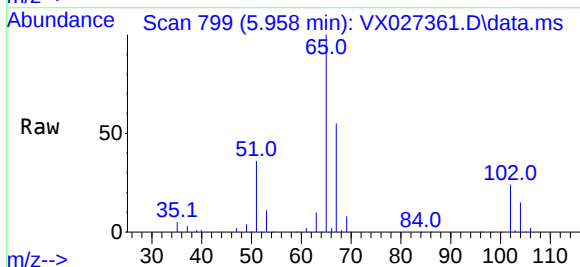


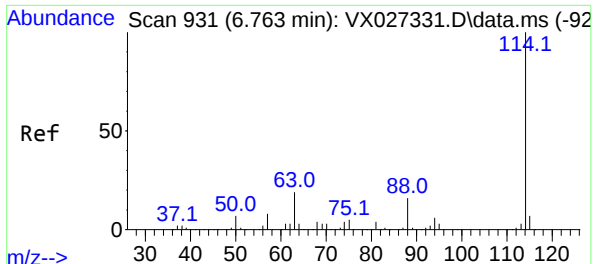
Tgt Ion: 56 Resp: 3368
Ion Ratio Lower Upper
56 100
69 24.4 26.7 40.1#
84 88.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 44.362 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 65 Resp: 198502
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.4

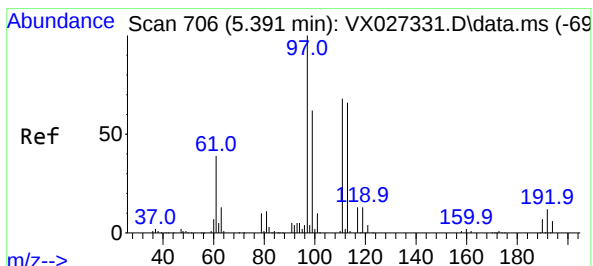
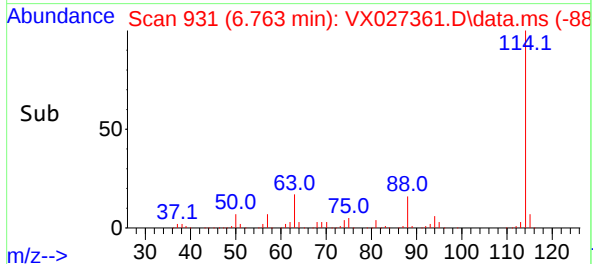
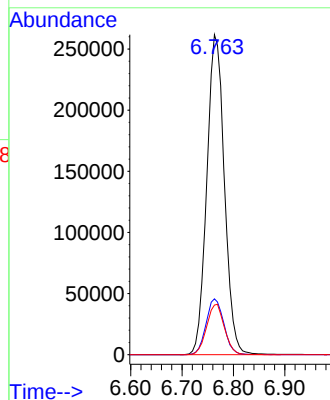
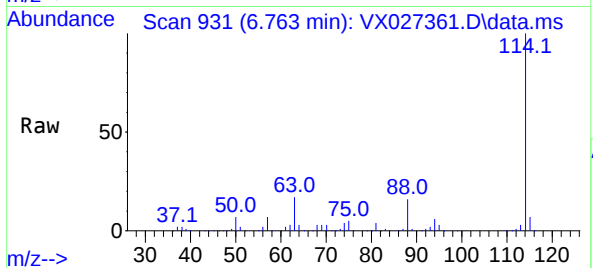




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

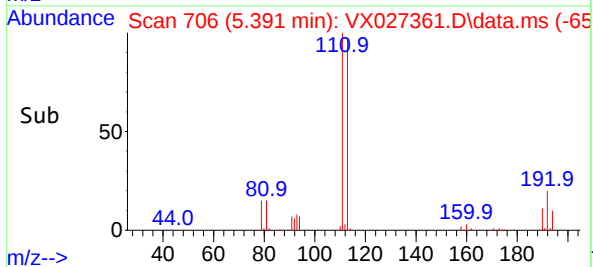
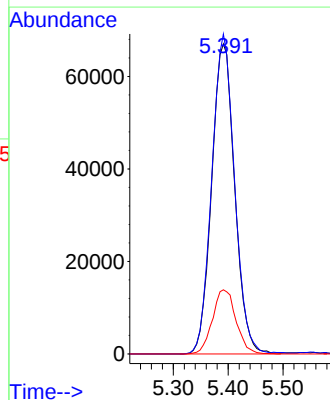
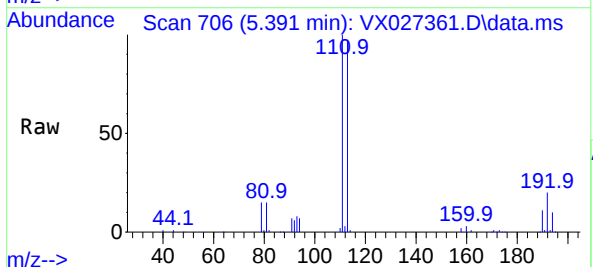
Instrument :
MSVOA_X
ClientSampleId :

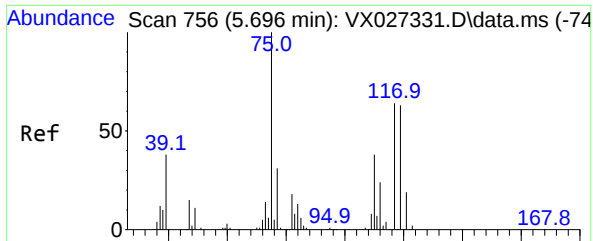
Tgt Ion:114 Resp: 622833
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.669 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

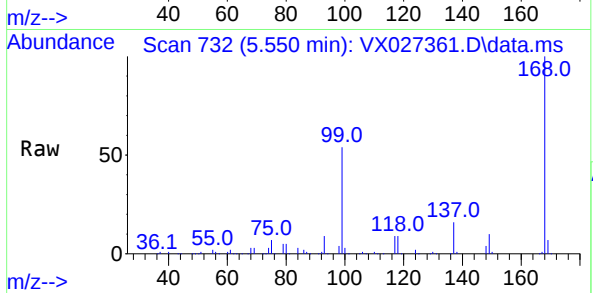
Tgt Ion:113 Resp: 195594
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.1 16.9 25.3



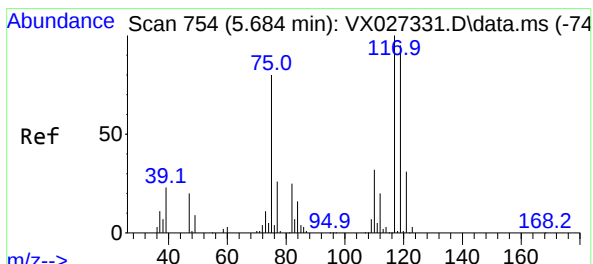
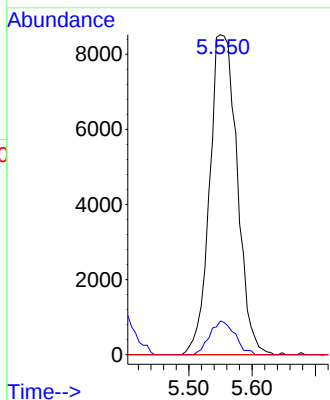
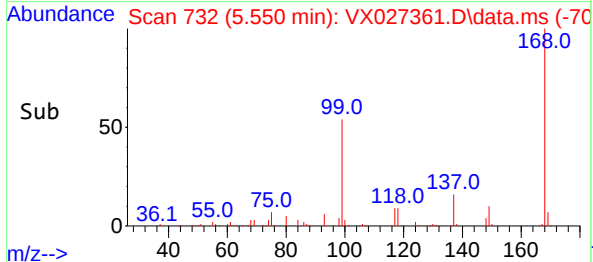


#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

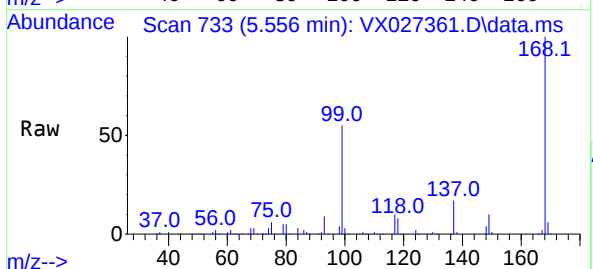
Instrument :
MSVOA_X
ClientSampleId :



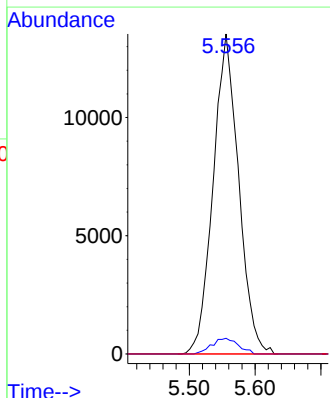
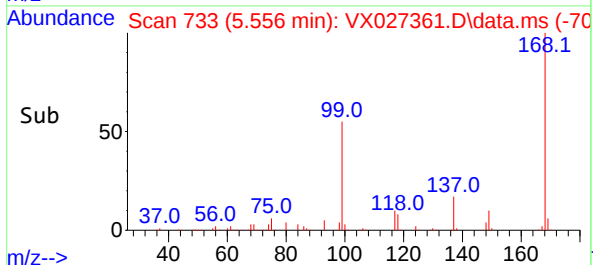
Tgt Ion: 75 Resp: 25723
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#

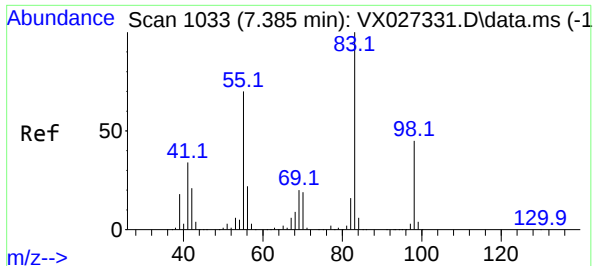


#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47



Tgt Ion: 117 Resp: 36474
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.976 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027361.D

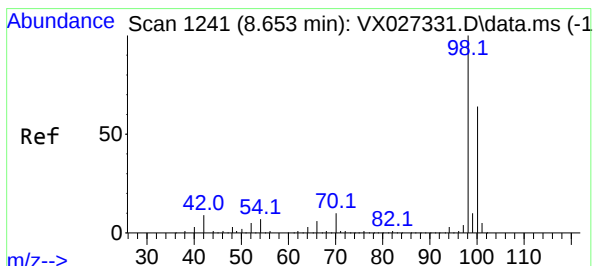
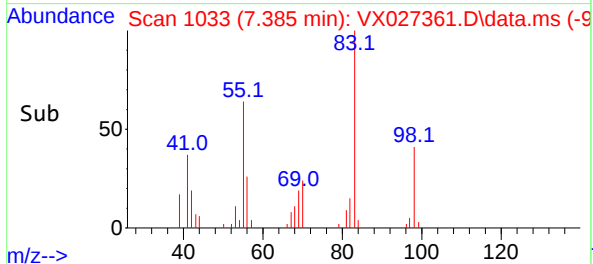
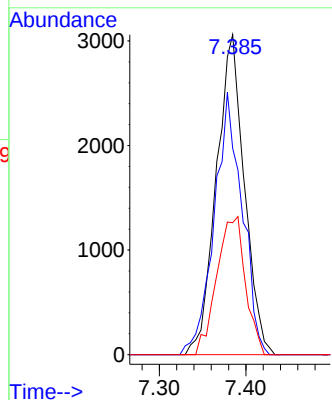
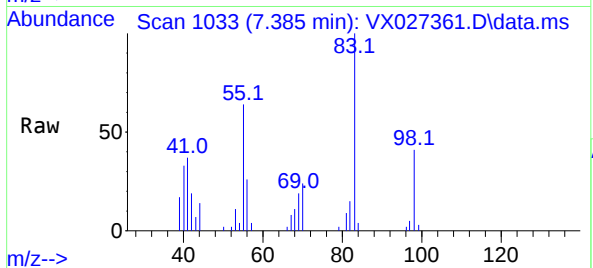
Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	6880
Ion	Ratio	Lower	Upper
83	100		
55	64.5	54.6	81.8
98	41.2	37.4	56.2



#50

Toluene-d8

Concen: 48.241 ug/l

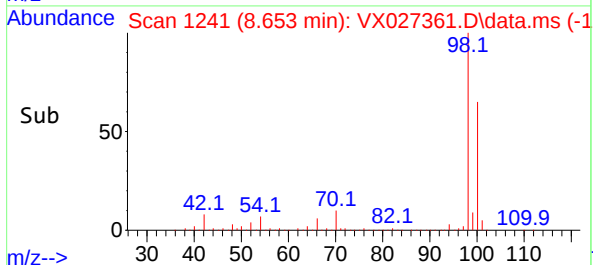
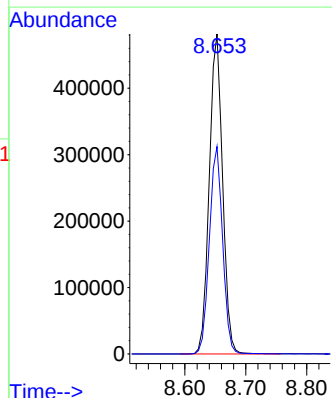
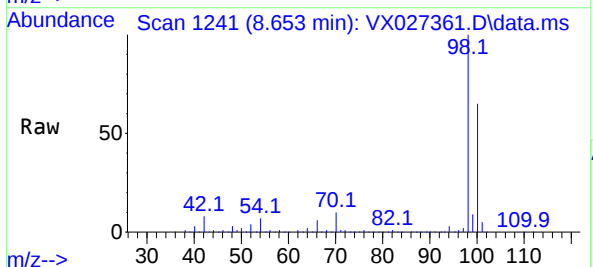
RT: 8.653 min Scan# 1241

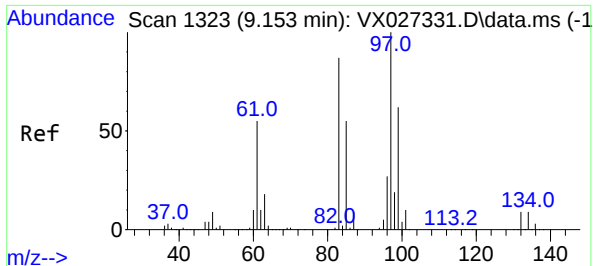
Delta R.T. -0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Tgt Ion:	98	Resp:	731931
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8



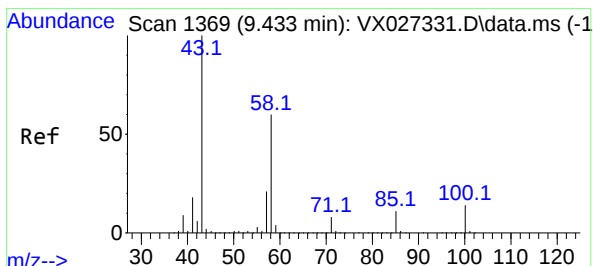
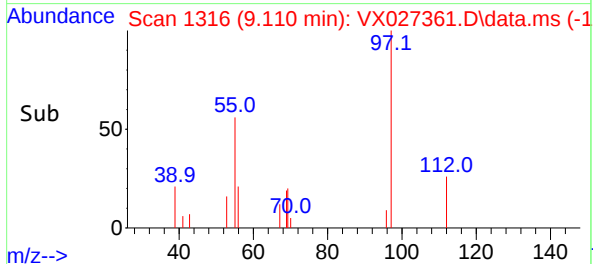
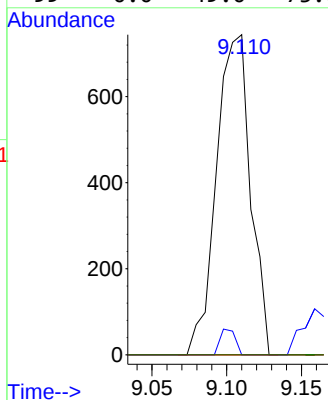
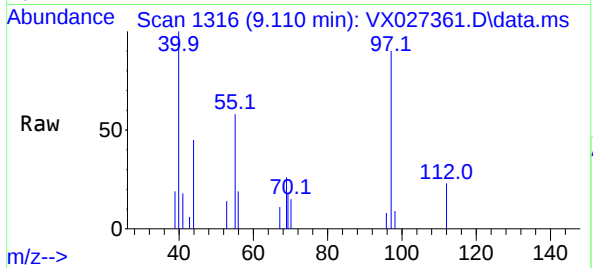


#55
1,1,2-Trichloroethane
Concen: 0.261 ug/l
RT: 9.110 min Scan# 1178
Delta R.T. -0.043 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 1178

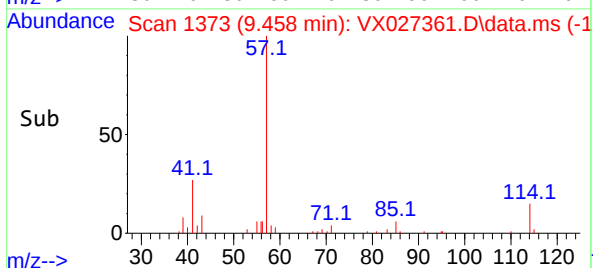
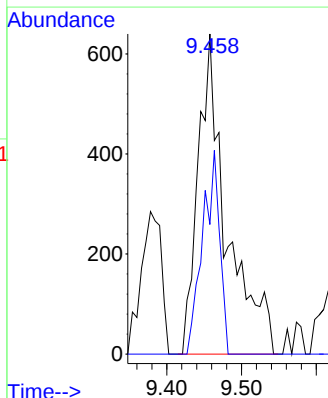
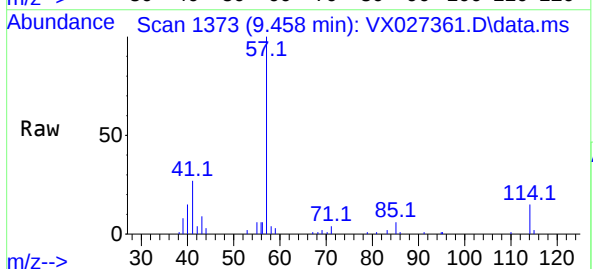
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	42.9	64.3#
99	0.0	49.0	73.6#

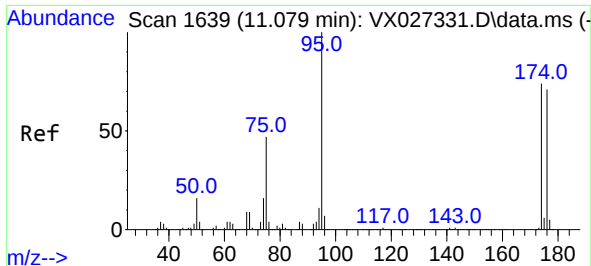


#59
2-Hexanone
Concen: 0.371 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.025 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Tgt Ion: 43 Resp: 1700

Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.9	95.7





#62

4-Bromofluorobenzene

Concen: 45.478 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027361.D

Acq: 09 Mar 2022 19:47

Instrument :

MSVOA_X

ClientSampleId :

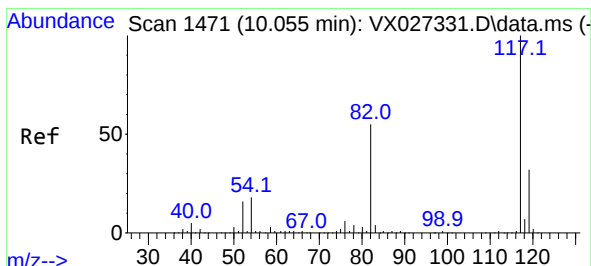
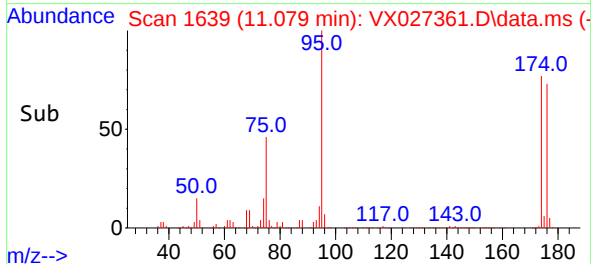
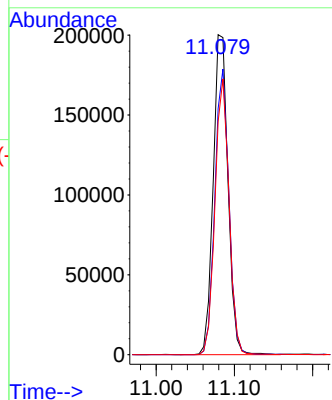
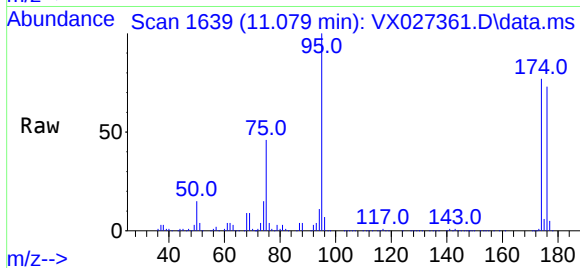
Tgt Ion: 95 Resp: 262987

Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

176 82.0 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: VX027361.D

Acq: 09 Mar 2022 19:47

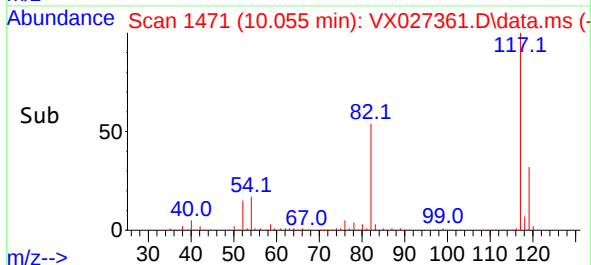
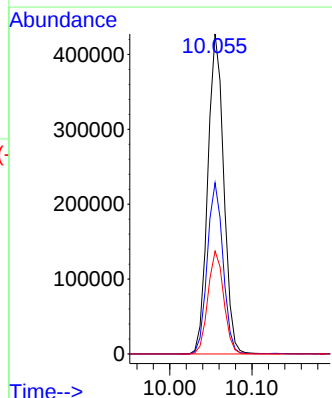
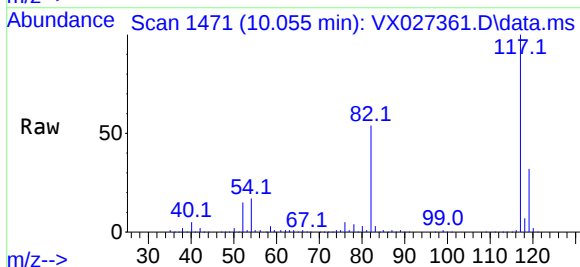
Tgt Ion: 117 Resp: 575256

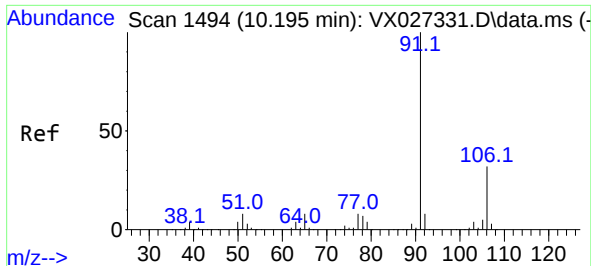
Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

119 32.1 24.8 37.2

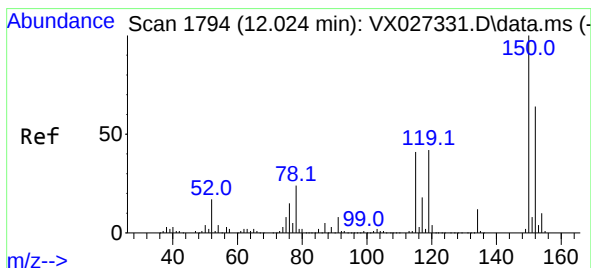
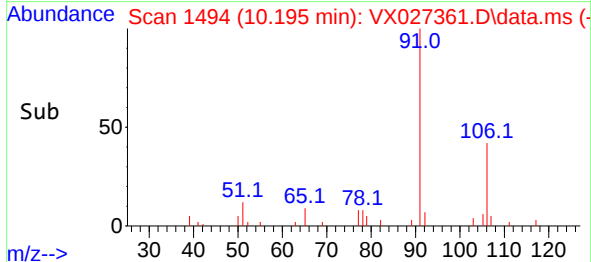
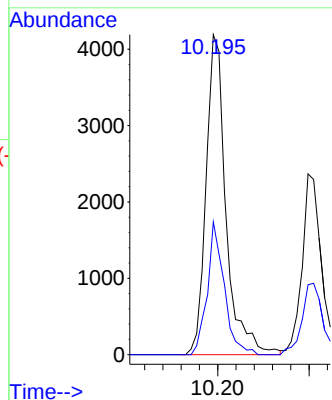
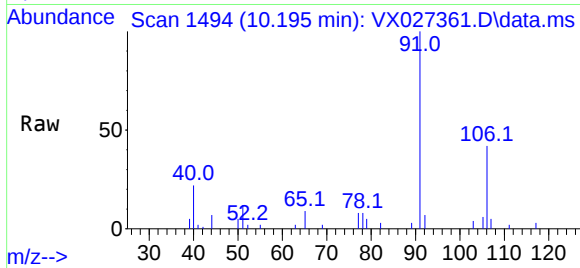




#67
Ethyl Benzene
Concen: 0.304 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

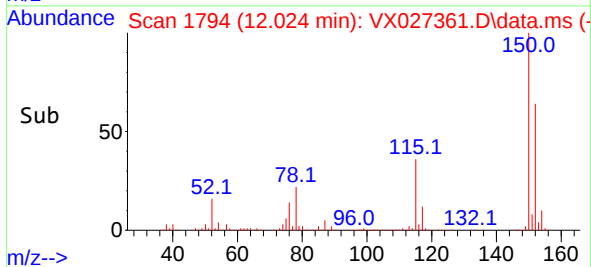
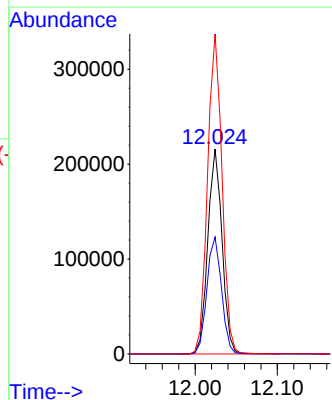
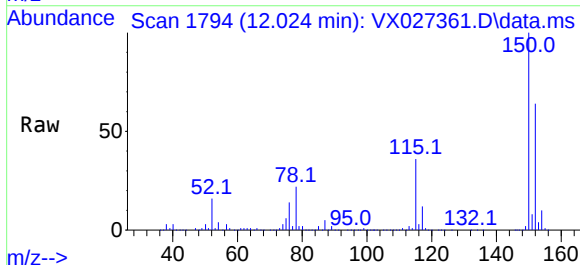
Instrument :
MSVOA_X
ClientSampleId :

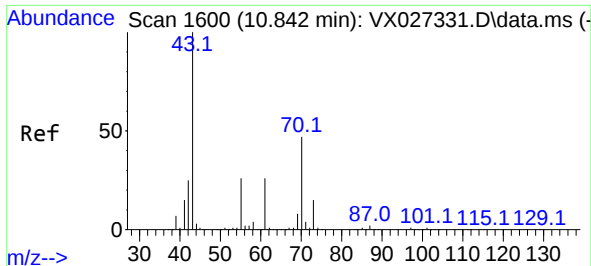
Tgt Ion: 91 Resp: 6337
Ion Ratio Lower Upper
91 100
106 41.5 24.6 36.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

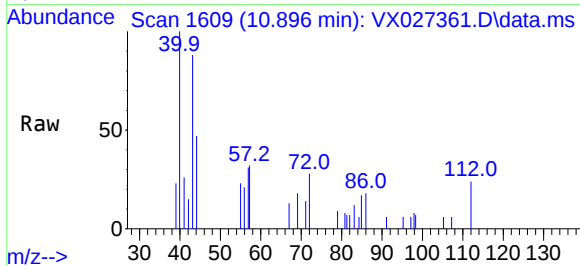
Tgt Ion: 152 Resp: 260191
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 158.2 0.0 338.2



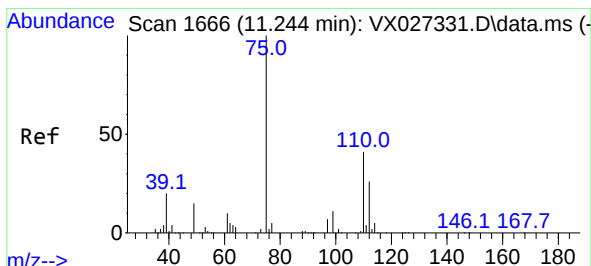
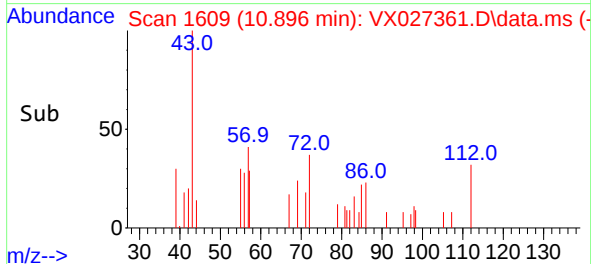
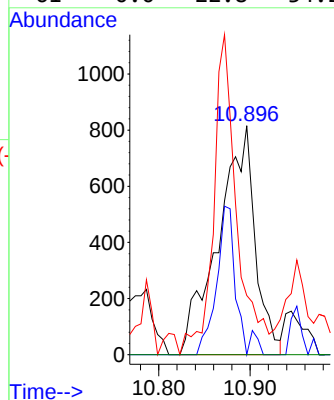


#74
N-amy1 acetate
Concen: 0.330 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.054 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :

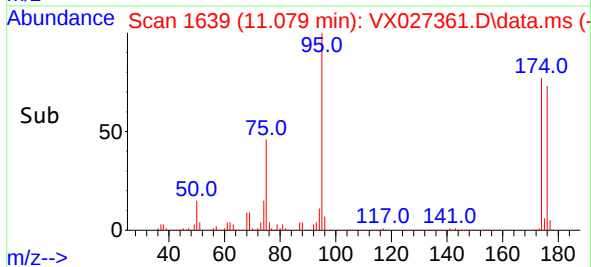
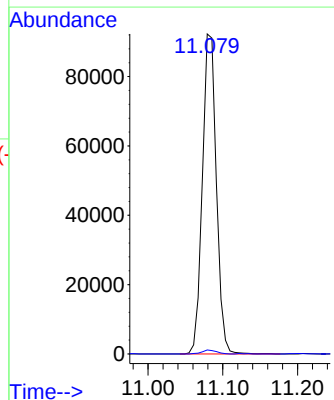
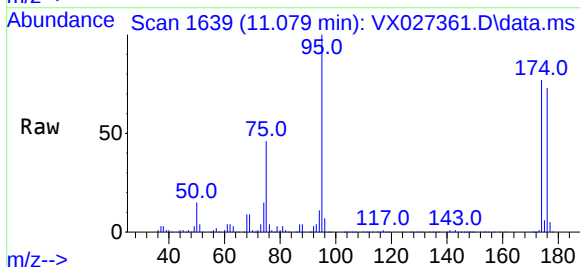


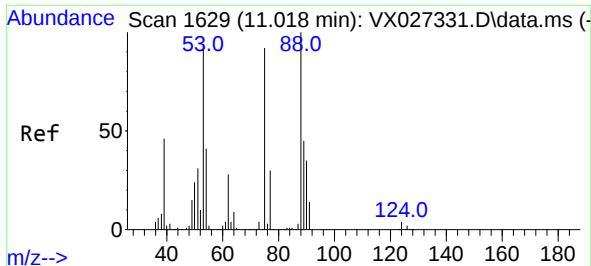
Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
70 0.0 42.5 63.7#
55 0.0 23.1 34.7#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 21.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

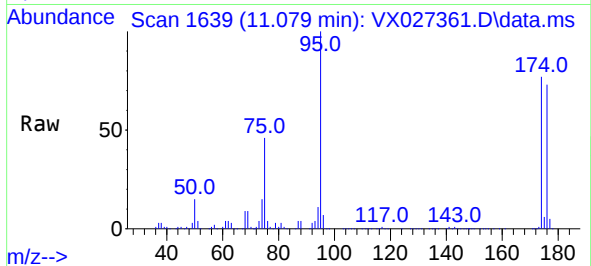
Tgt Ion: 75 Resp: 119952
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.956 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027361.D
Acq: 09 Mar 2022 19:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 119952
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

