

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026908.D
 Acq On : 10 Feb 2022 07:33
 Operator : JC/MD
 Sample : N1447-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 08:38:48 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)

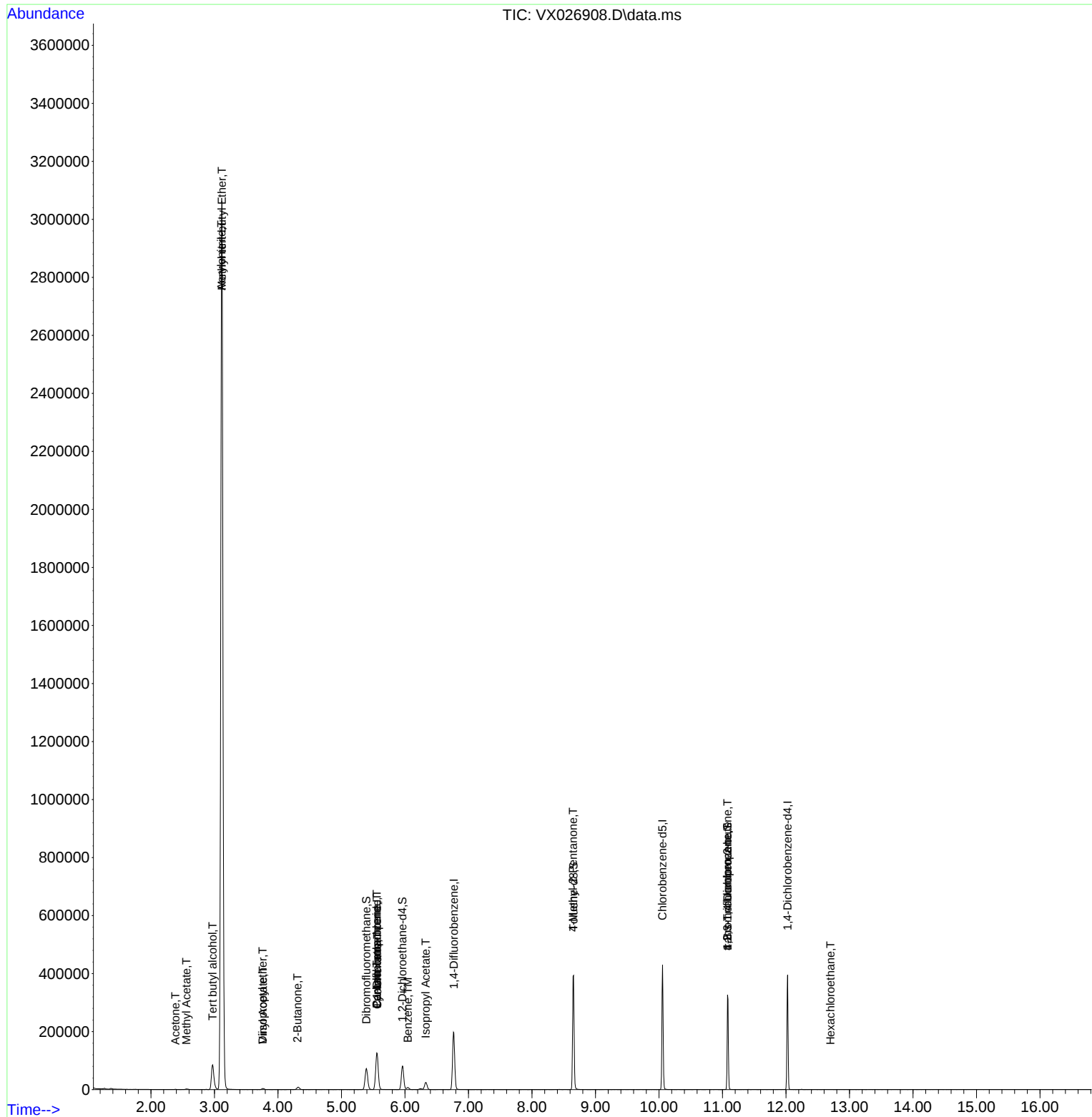
Internal Standards						
1) Pentafluorobenzene	5.556	168	121343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	205602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80161	55.033	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.060%
35) Dibromofluoromethane	5.391	113	64100	52.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	8.653	98	240840	53.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.120%
62) 4-Bromofluorobenzene	11.079	95	89641	56.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	122551	465.726	ug/l #	75
15) Acrylonitrile	3.111	53	36159	47.952	ug/l #	29
16) Acetone	2.386	43	1237	1.934	ug/l	99
18) Methyl Acetate	2.557	43	1274	0.692	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	3408990	775.543	ug/l	98
22) Diisopropyl ether	3.758	45	4125	0.931	ug/l #	81
23) Vinyl Acetate	3.764	43	2280	0.612	ug/l #	73
25) 2-Butanone	4.306	43	1125	1.091	ug/l #	50
31) Cyclohexane	5.562	56	2548	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9451	4.891	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12636	6.236	ug/l #	17
40) Benzene	6.044	78	8487	1.507	ug/l	97
43) Isopropyl Acetate	6.324	43	8739	2.586	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	978	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44669	25.763	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44669	78.481	ug/l #	3
90) Hexachloroethane	12.701	117	161	0.212	ug/l #	14

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

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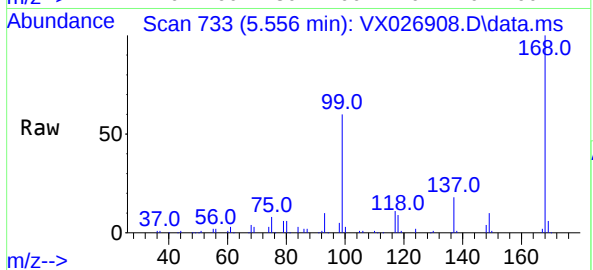
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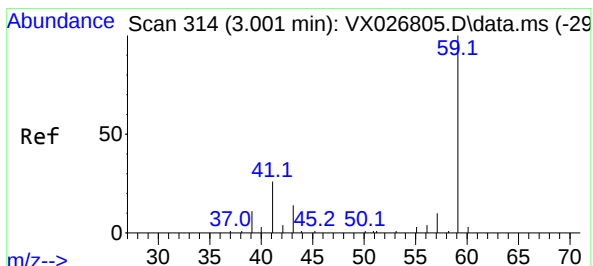
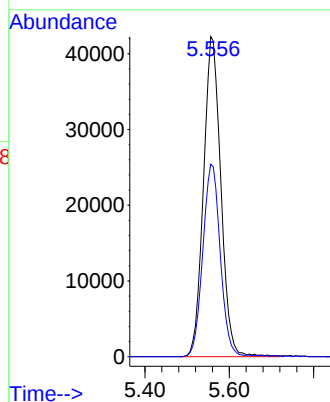
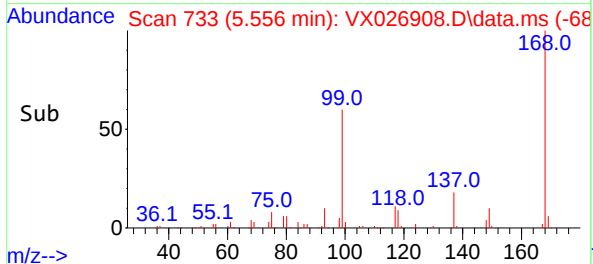


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

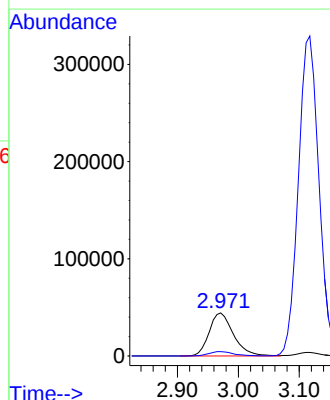
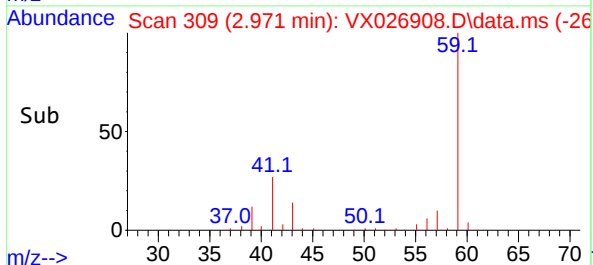
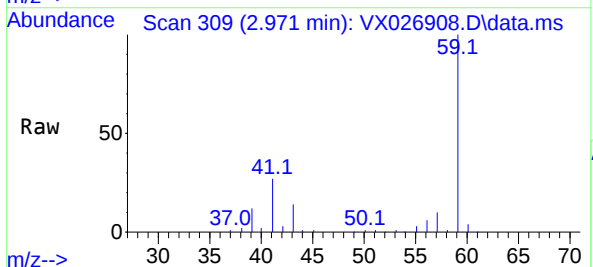


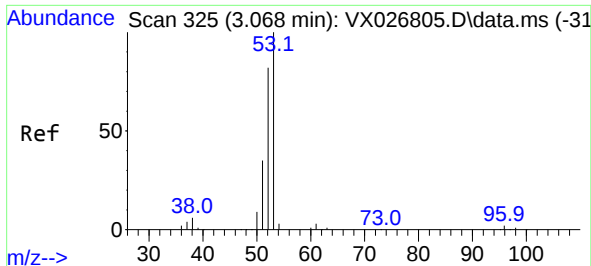
Tgt Ion:168 Resp: 121343
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 465.726 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

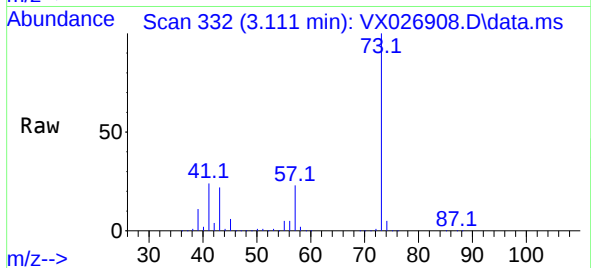
Tgt Ion: 59 Resp: 122551
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



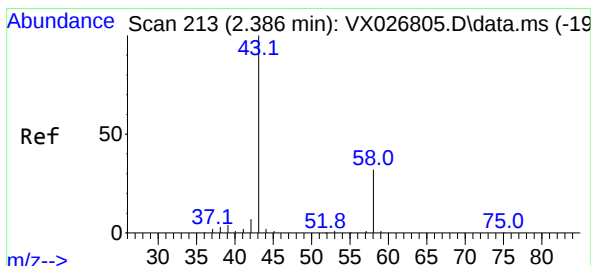
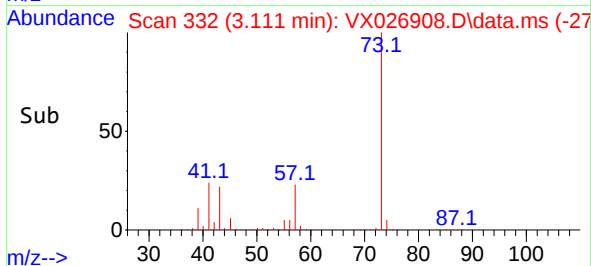
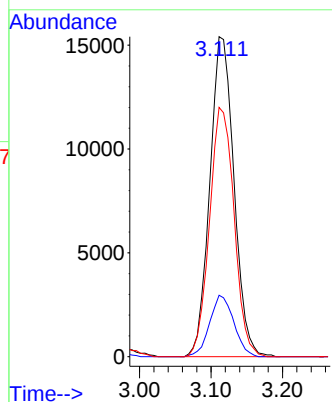


#15
Acrylonitrile
Concen: 47.952 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

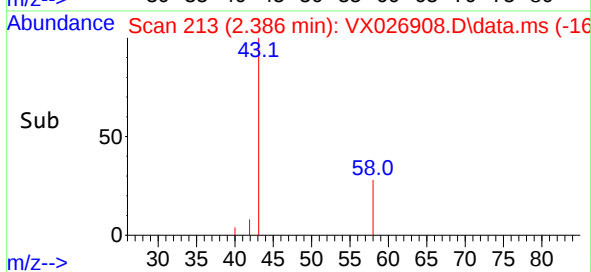
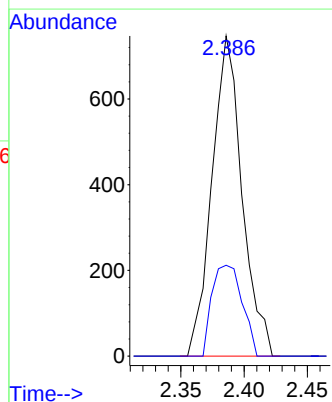
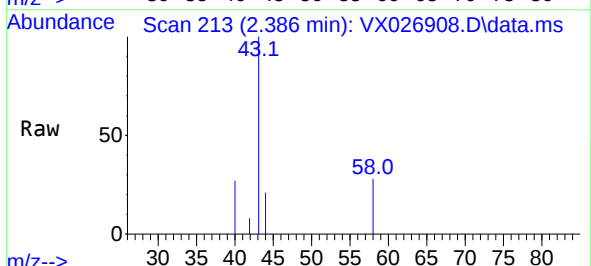


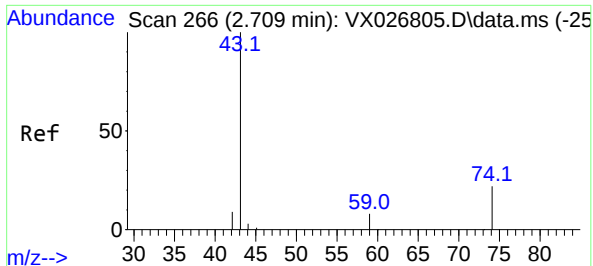
Tgt Ion: 53 Resp: 36159
Ion Ratio Lower Upper
53 100
52 19.2 66.6 100.0#
51 79.2 29.5 44.3#



#16
Acetone
Concen: 1.934 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 28.4 23.0 34.6





#18

Methyl Acetate

Concen: 0.692 ug/l

RT: 2.557 min Scan# 241

Delta R.T. -0.152 min

Lab File: VX026908.D

Acq: 10 Feb 2022 07:33

Instrument :

MSVOA_X

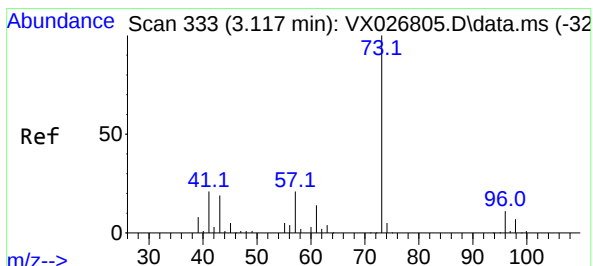
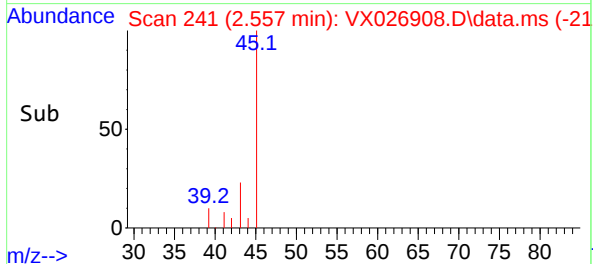
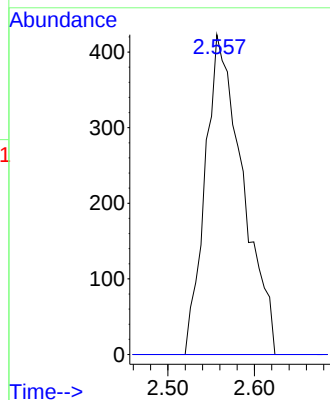
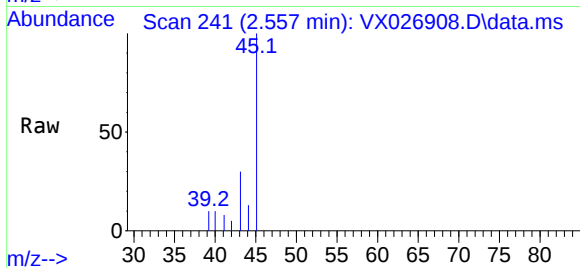
ClientSampleId :

Tgt Ion: 43 Resp: 1274

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



#19

Methyl tert-butyl Ether

Concen: 775.543 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026908.D

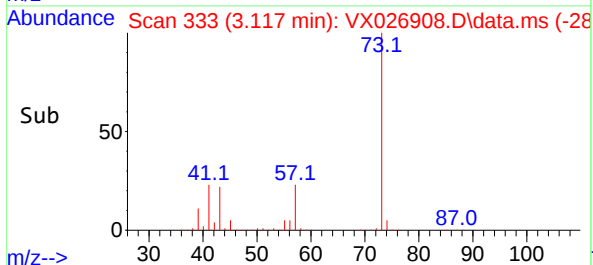
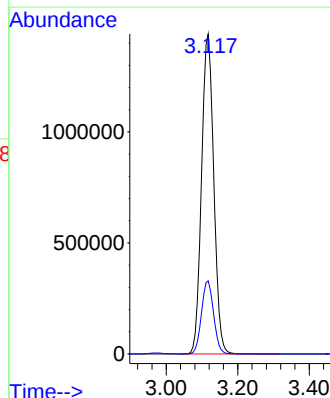
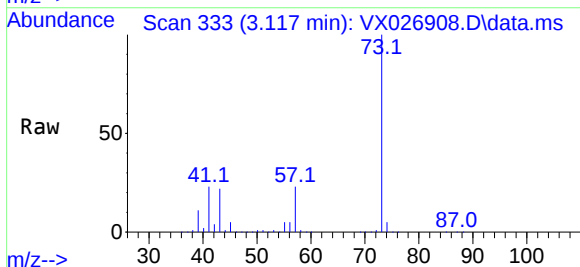
Acq: 10 Feb 2022 07:33

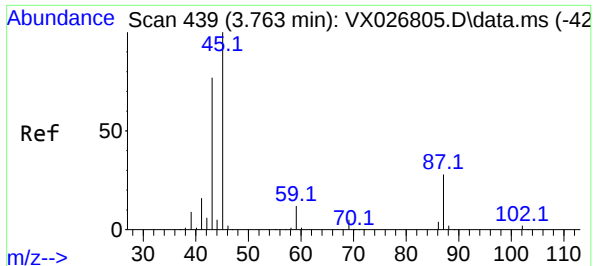
Tgt Ion: 73 Resp: 3408990

Ion Ratio Lower Upper

73 100

57 22.8 17.4 26.2

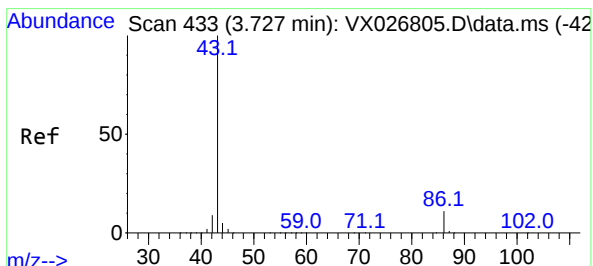
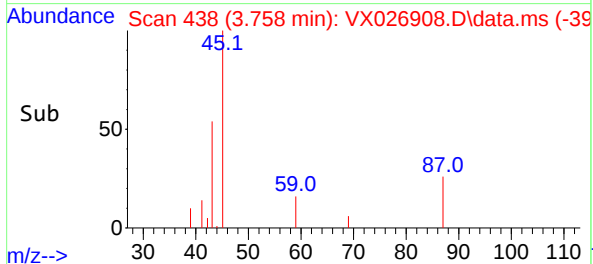
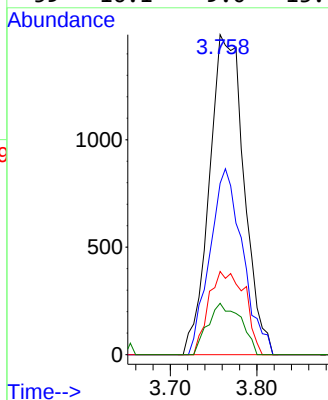
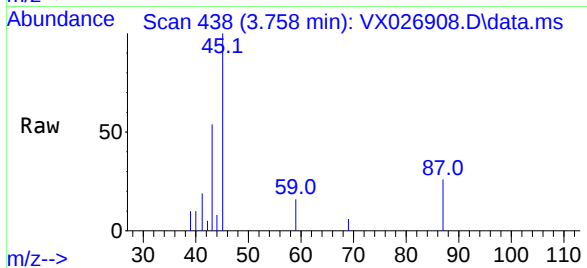




#22
Diisopropyl ether
Concen: 0.931 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

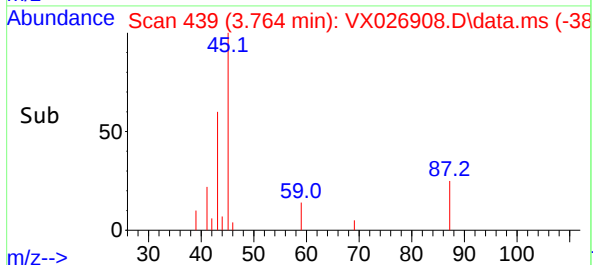
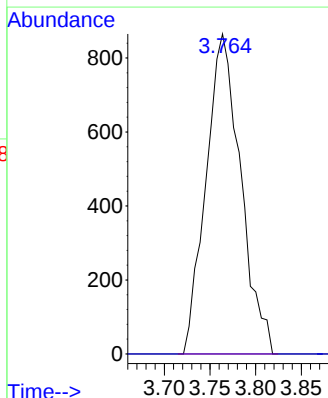
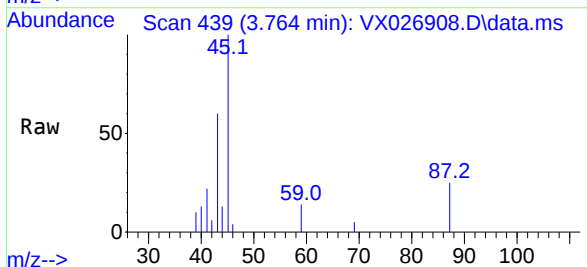
Instrument :
MSVOA_X
ClientSampleId :

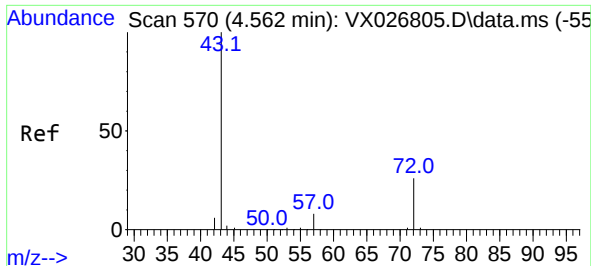
Tgt Ion: 45	Resp: 4125
Ion Ratio	Lower Upper
45 100	
43 53.5	60.6 91.0#
87 26.0	22.0 33.0
59 16.1	9.0 13.4#



#23
Vinyl Acetate
Concen: 0.612 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 43	Resp: 2280
Ion Ratio	Lower Upper
43 100	
86 0.0	8.1 12.1#





#25

2-Butanone

Concen: 1.091 ug/l

RT: 4.306 min Scan# 51

Delta R.T. -0.256 min

Lab File: VX026908.D

Acq: 10 Feb 2022 07:33

Instrument :

MSVOA_X

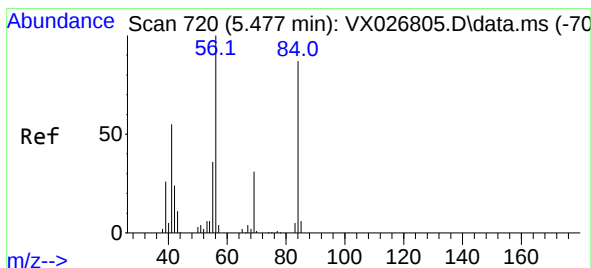
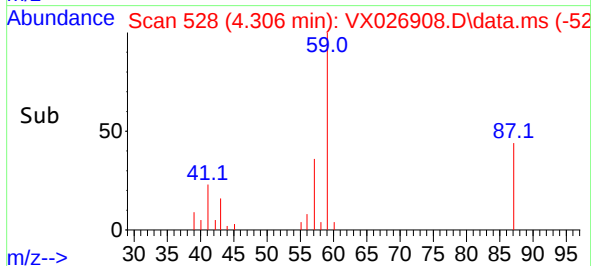
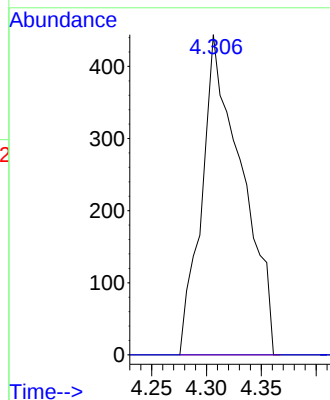
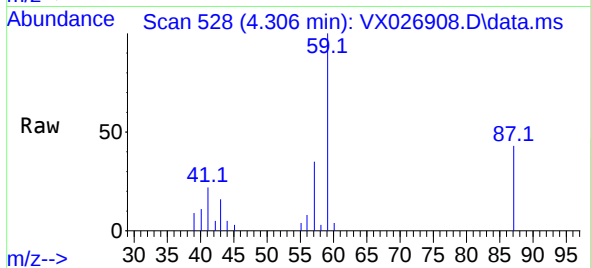
ClientSampleId :

Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX026908.D

Acq: 10 Feb 2022 07:33

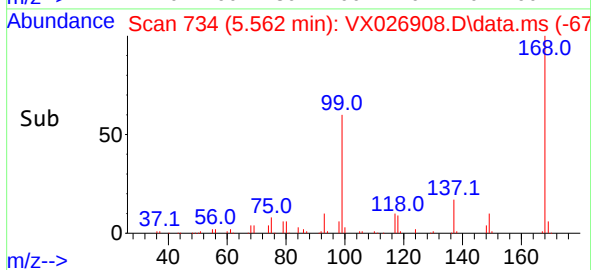
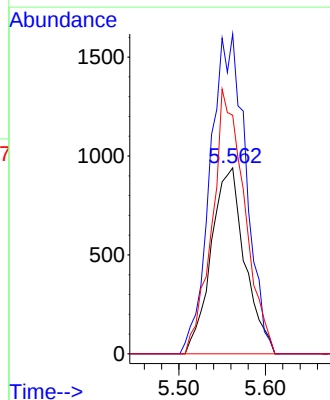
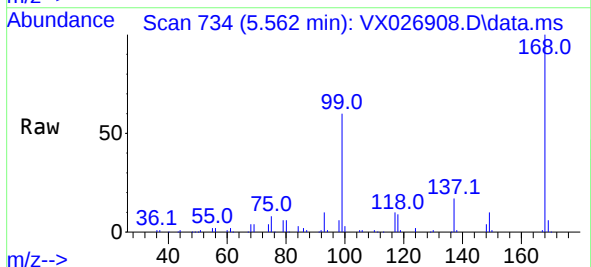
Tgt Ion: 56 Resp: 2548

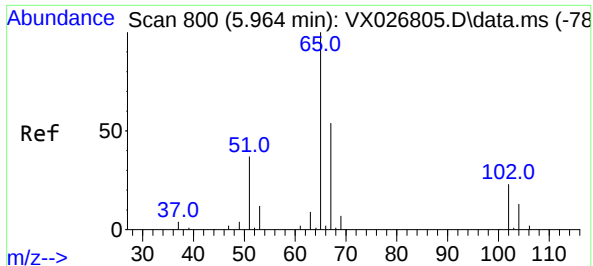
Ion Ratio Lower Upper

56 100

69 172.0 25.8 38.6#

84 128.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.033 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026908.D

Acq: 10 Feb 2022 07:33

Instrument :

MSVOA_X

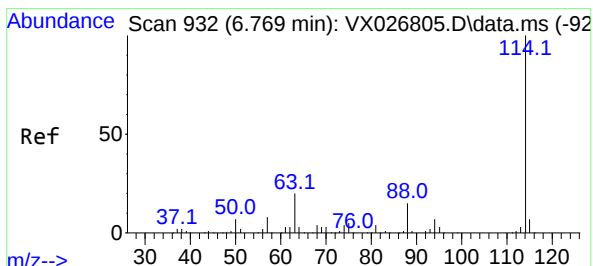
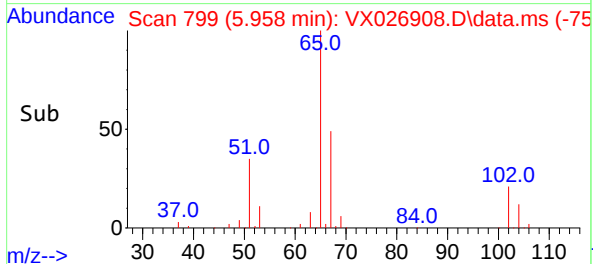
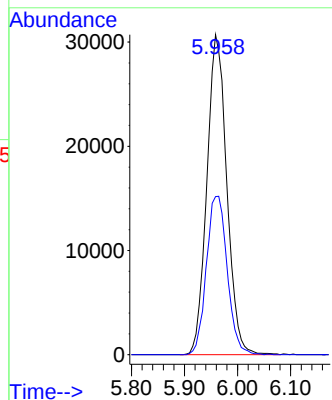
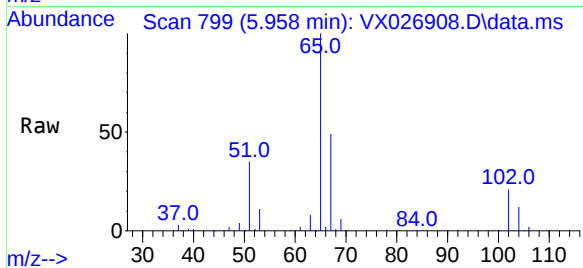
ClientSampleId :

Tgt Ion: 65 Resp: 80161

Ion Ratio Lower Upper

65 100

67 51.7 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: VX026908.D

Acq: 10 Feb 2022 07:33

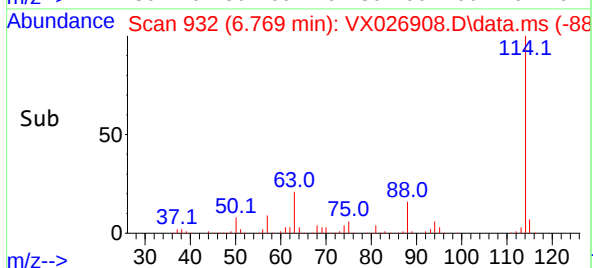
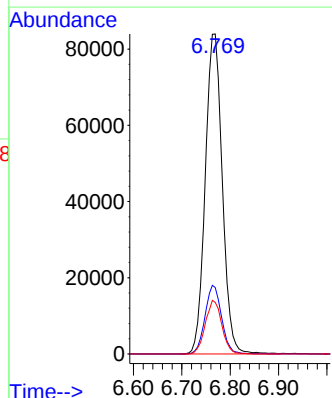
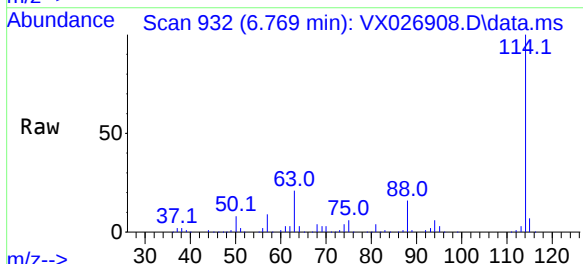
Tgt Ion: 114 Resp: 205602

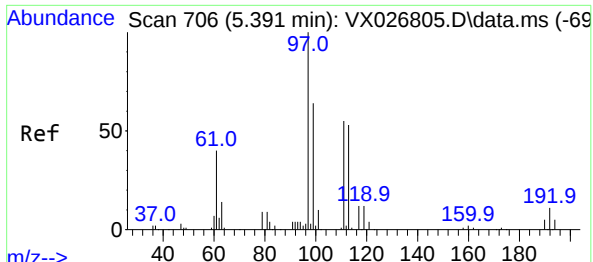
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

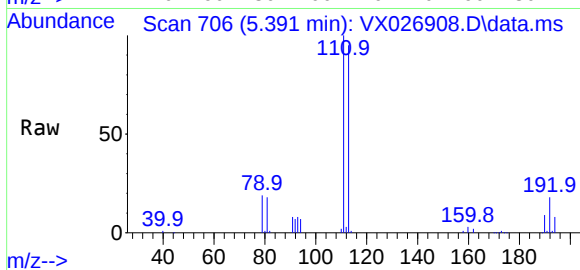
88 16.1 0.0 33.0



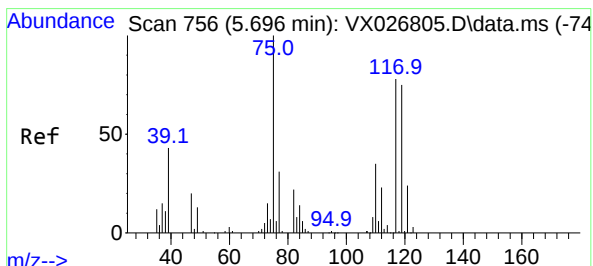
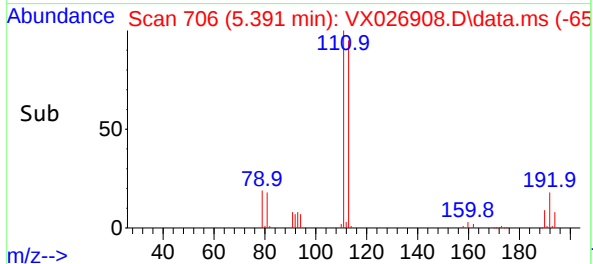
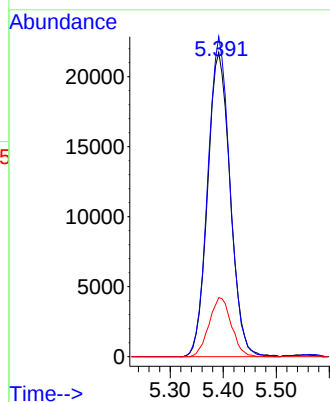


#35
Dibromofluoromethane
Concen: 52.329 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

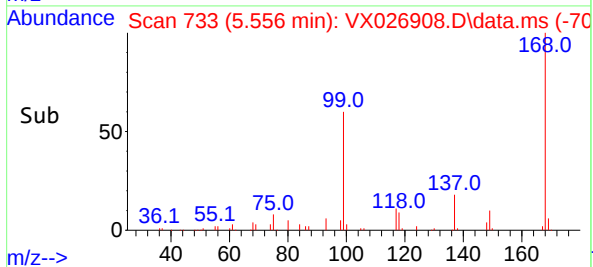
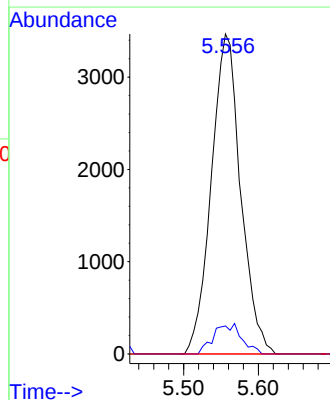
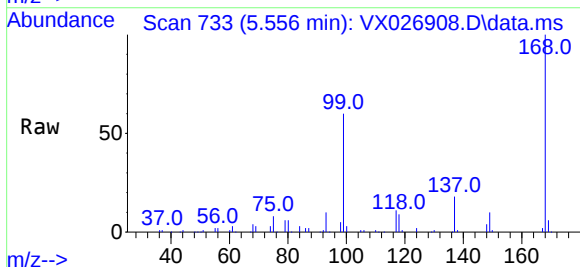


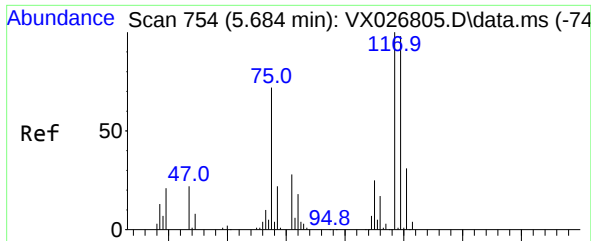
Tgt Ion:113 Resp: 64100
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

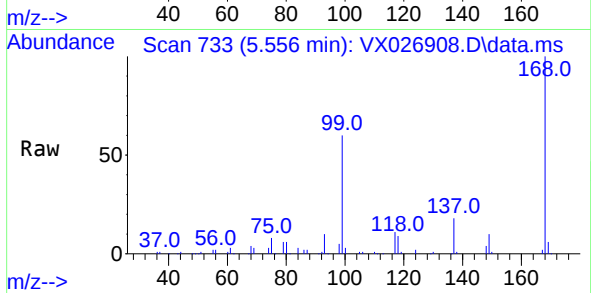
Tgt Ion: 75 Resp: 9451
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



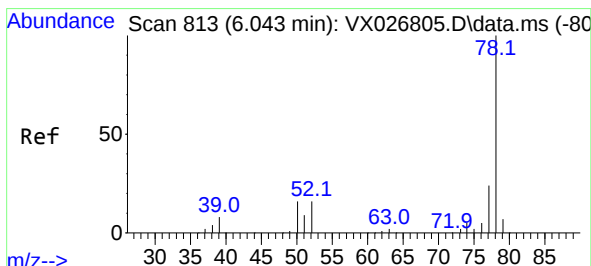
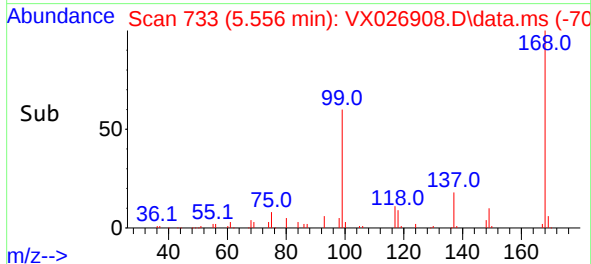
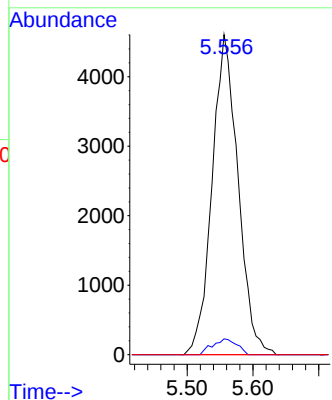


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

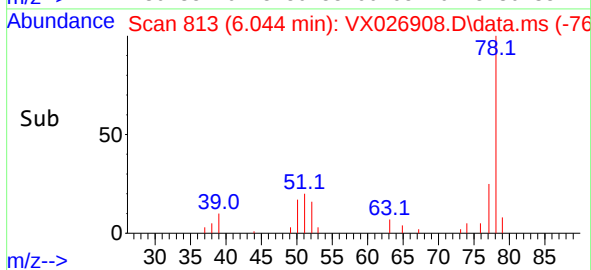
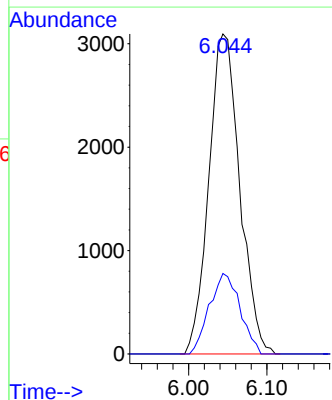
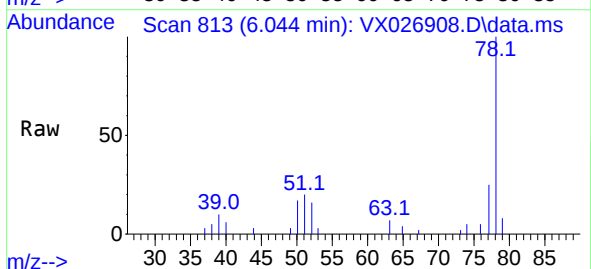


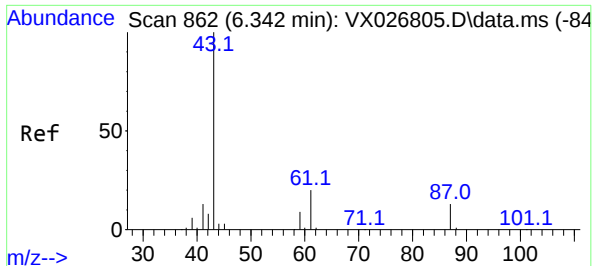
Tgt Ion:117 Resp: 12636
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.507 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

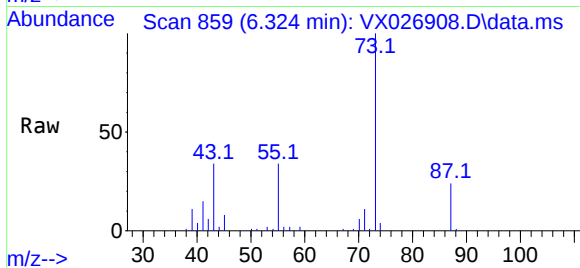
Tgt Ion: 78 Resp: 8487
Ion Ratio Lower Upper
78 100
77 25.2 18.9 28.3



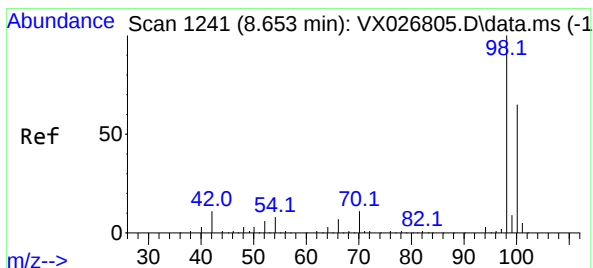
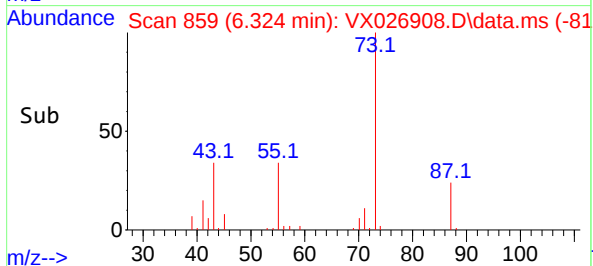
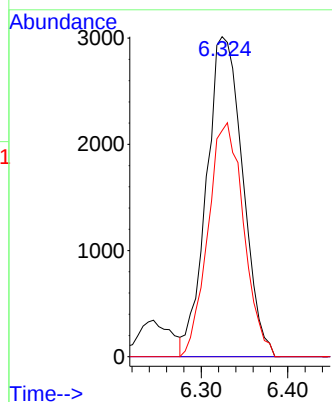


#43
Isopropyl Acetate
Concen: 2.586 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

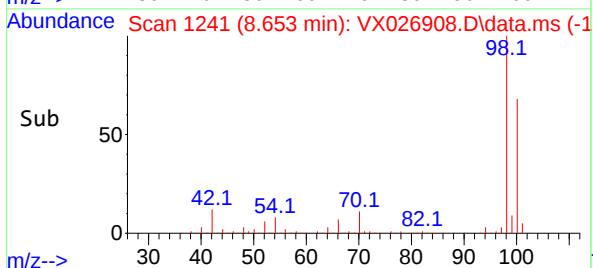
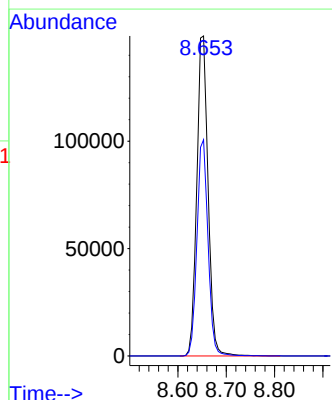
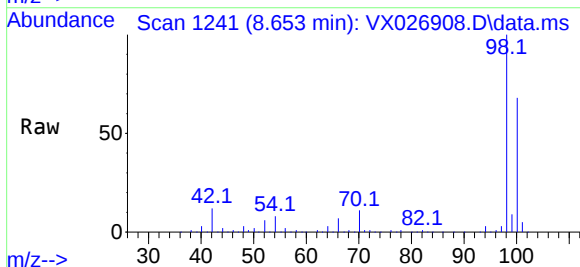


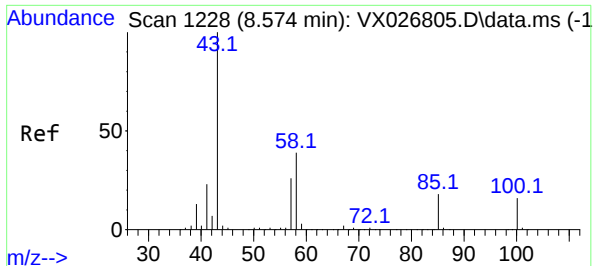
Tgt Ion: 43 Resp: 8739
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 72.0 10.2 15.2#



#50
Toluene-d8
Concen: 53.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 98 Resp: 240840
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8

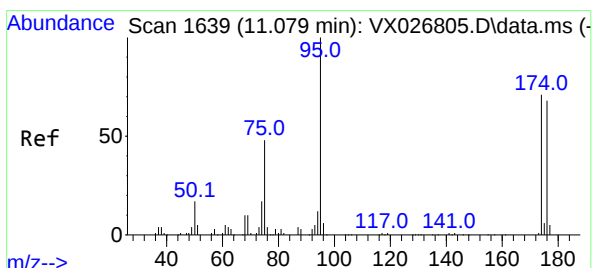
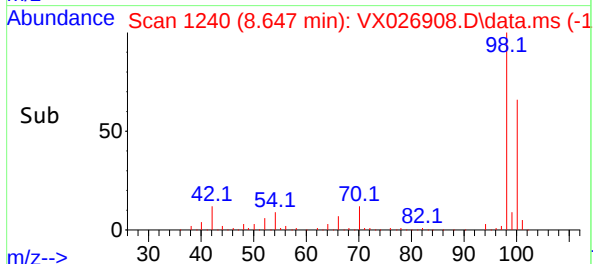
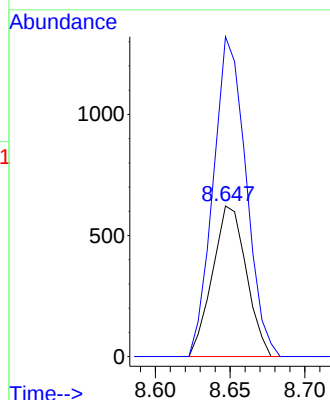
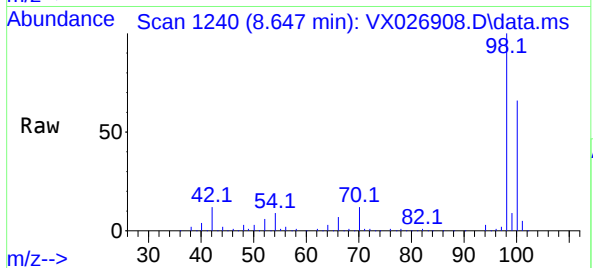




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

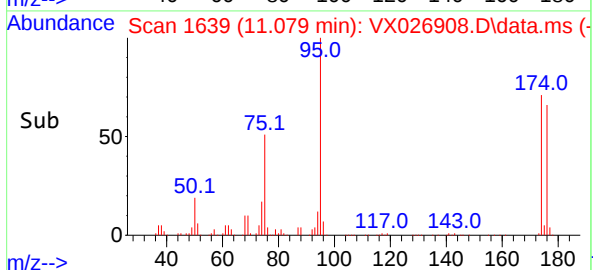
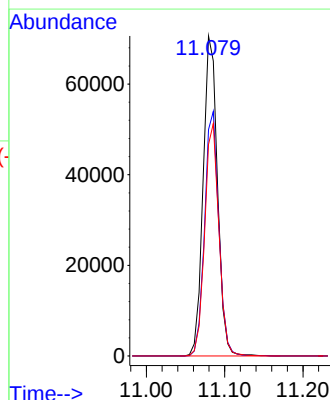
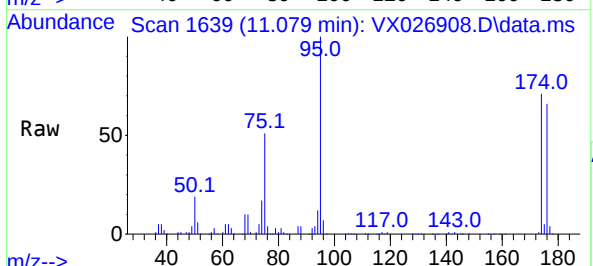
Instrument :
MSVOA_X
ClientSampleId :

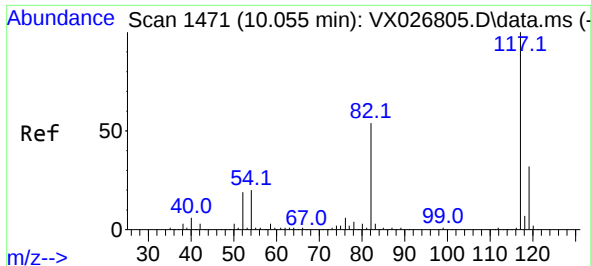
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 205.7 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 56.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

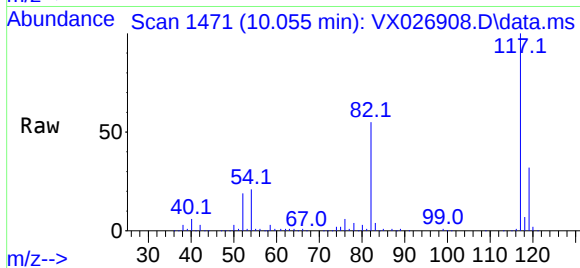
Tgt Ion: 95 Resp: 89641
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 72.0 0.0 141.4



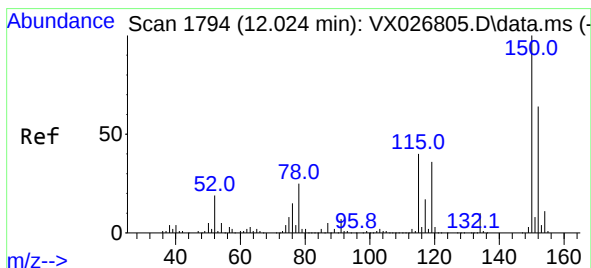
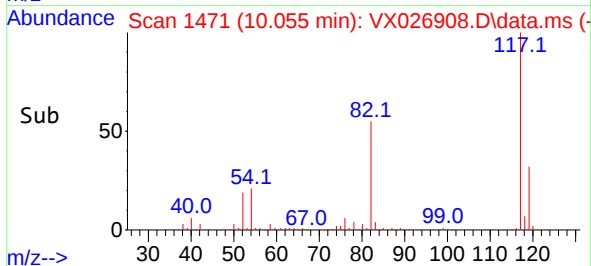
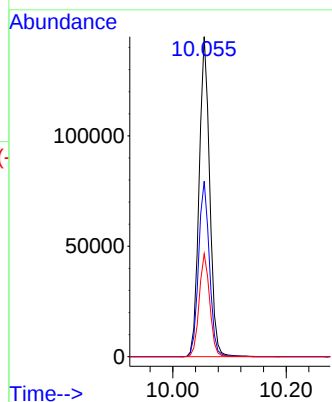


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

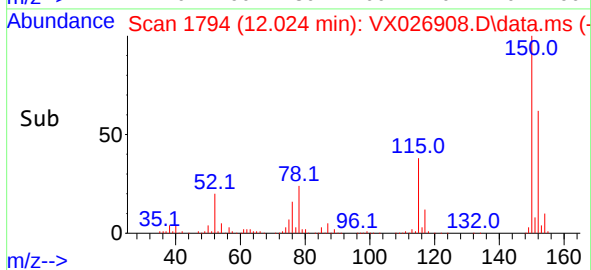
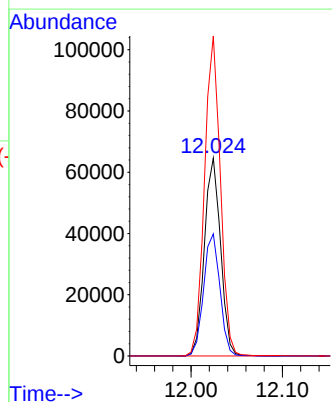
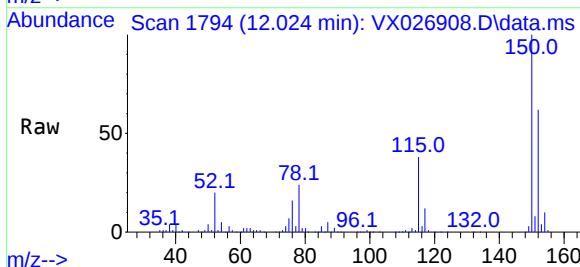


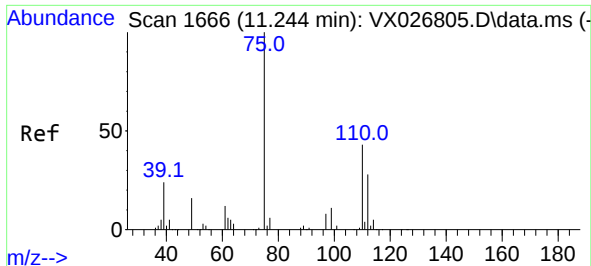
Tgt Ion:117 Resp: 187517
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion:152 Resp: 79204
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 158.3 0.0 348.2

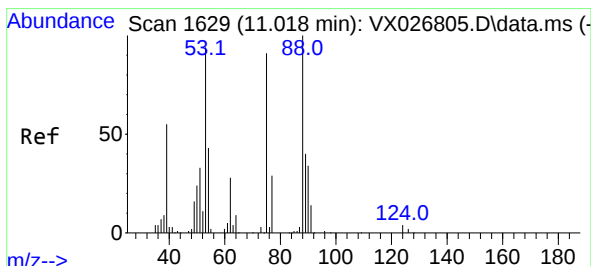
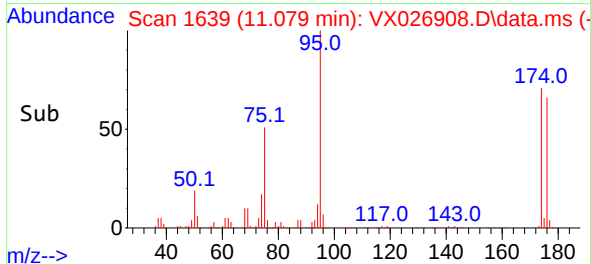
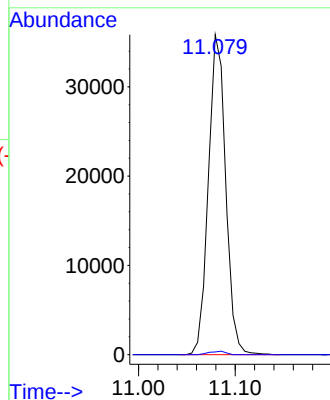
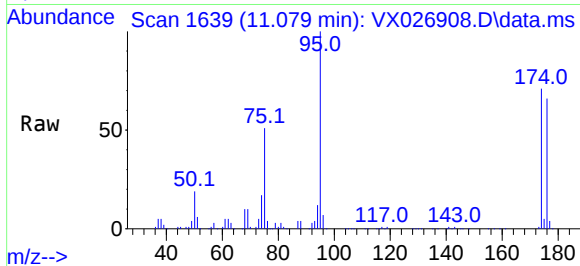




#76
1,2,3-Trichloropropane
Concen: 25.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

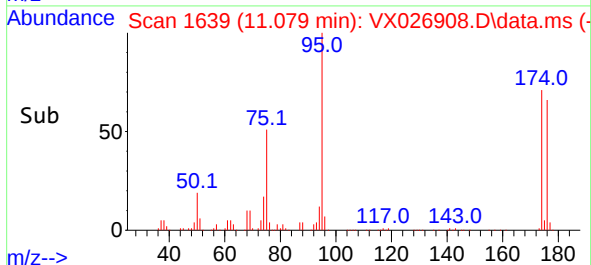
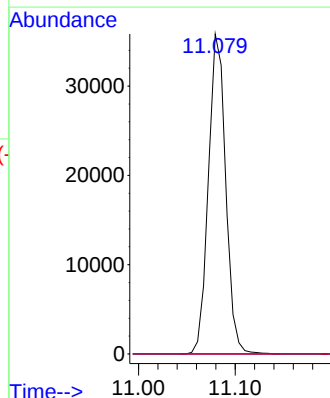
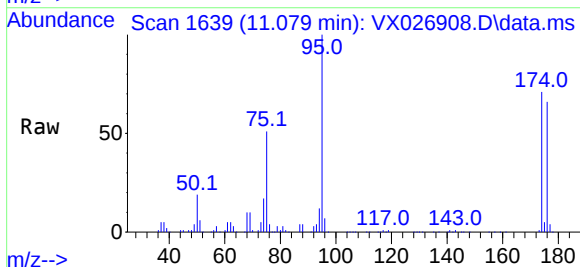
Instrument :
MSVOA_X
ClientSampleId :

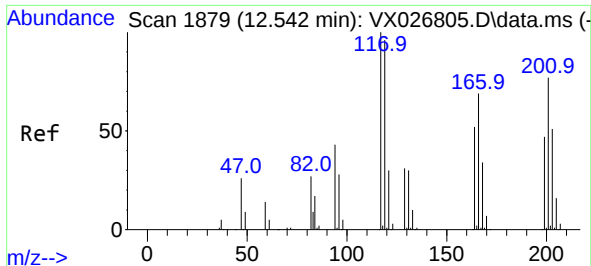
Tgt Ion: 75 Resp: 44669
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Tgt Ion: 75 Resp: 44669
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
Hexachloroethane
Concen: 0.212 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX026908.D
Acq: 10 Feb 2022 07:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 161
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

