

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026881.D
 Acq On : 09 Feb 2022 20:02
 Operator : JC/MD
 Sample : N1446-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:10:20 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)

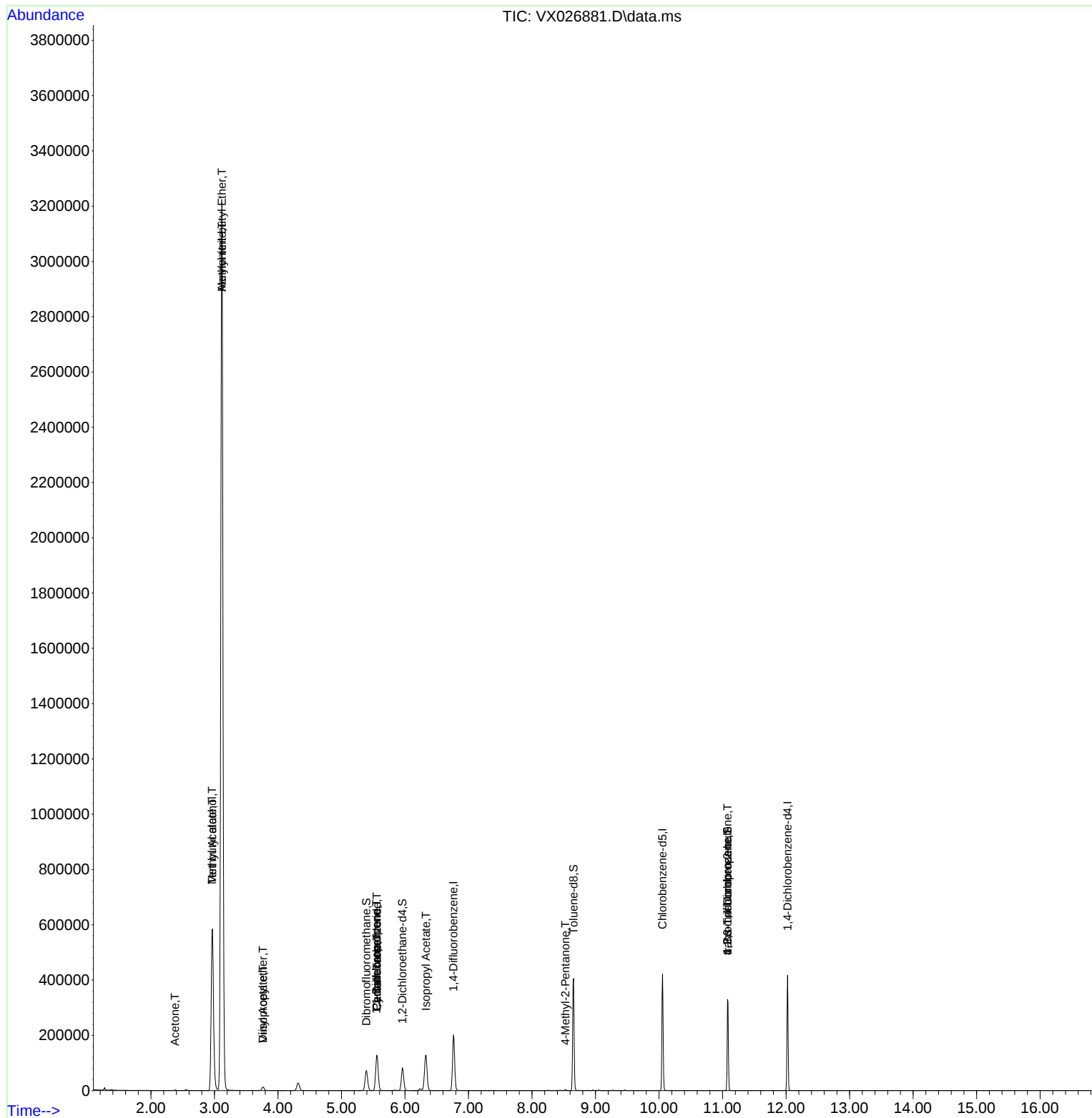
Internal Standards						
1) Pentafluorobenzene	5.556	168	121064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78593	54.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.160%			
35) Dibromofluoromethane	5.391	113	63813	52.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	8.653	98	240692	53.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.800%			
62) 4-Bromofluorobenzene	11.079	95	90551	57.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.180%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	822465	3132.783	ug/l	96
15) Acrylonitrile	3.117	53	37425	49.746	ug/l #	30
16) Acetone	2.380	43	2938	4.603	ug/l	99
18) Methyl Acetate	2.965	43	99064	53.943	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	3614112	824.103	ug/l	98
22) Diisopropyl ether	3.763	45	14285	3.233	ug/l #	83
23) Vinyl Acetate	3.763	43	7317	1.970	ug/l #	73
31) Cyclohexane	5.556	56	2411	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9190	4.788	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12550	6.236	ug/l #	17
43) Isopropyl Acetate	6.330	43	46666	13.906	ug/l #	15
51) 4-Methyl-2-Pentanone	8.525	43	618	0.304	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	45740	25.056	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45740	76.419	ug/l #	4

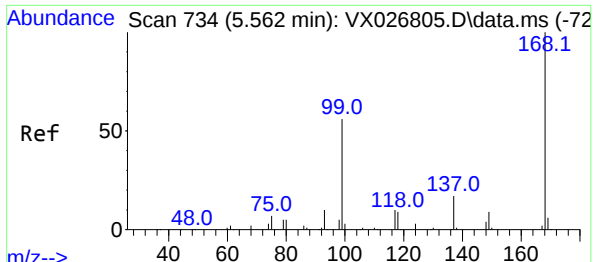
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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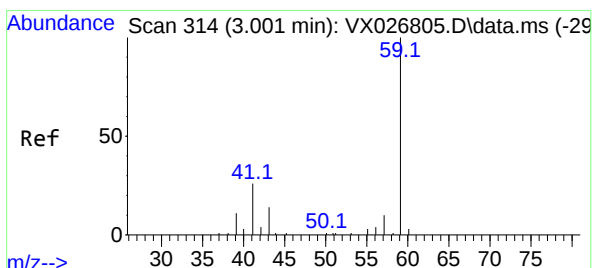
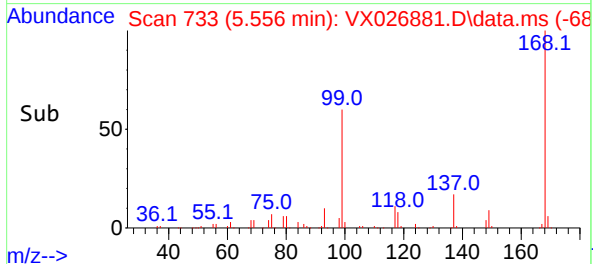
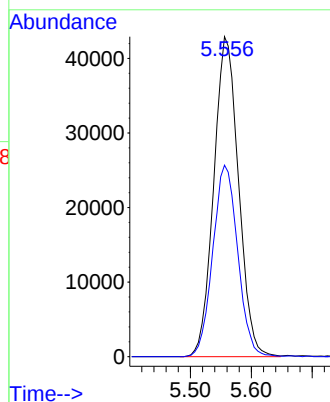
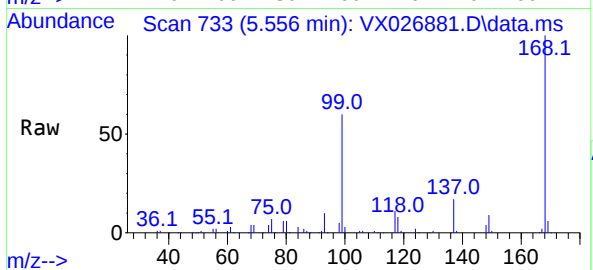




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

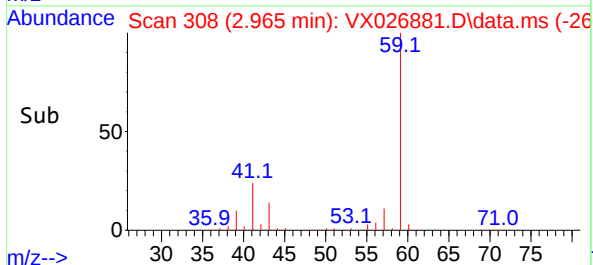
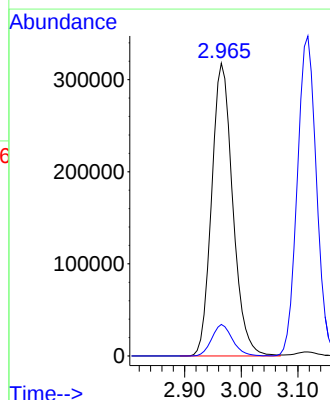
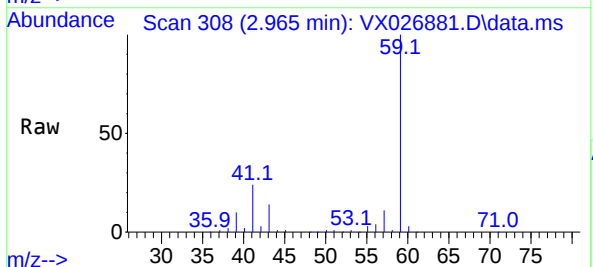
Instrument :
MSVOA_X
ClientSampleId :

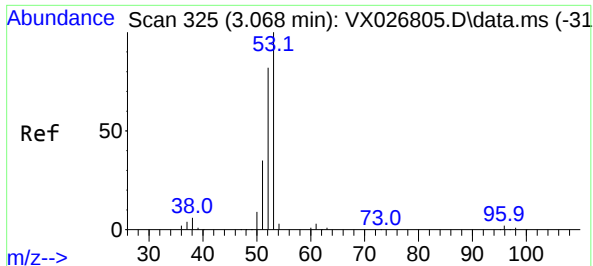
Tgt Ion:168 Resp: 121064
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#11
Tert butyl alcohol
Concen: 3132.783 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.036 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

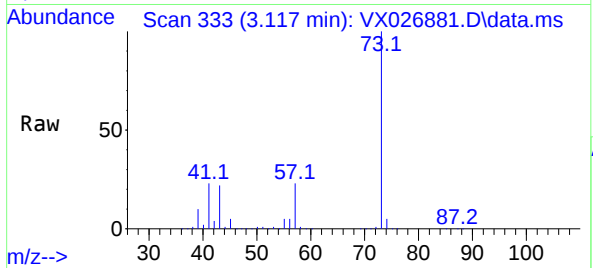
Tgt Ion: 59 Resp: 822465
Ion Ratio Lower Upper
59 100
57 10.6 7.2 10.8



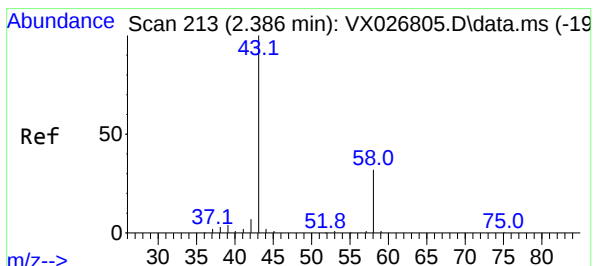
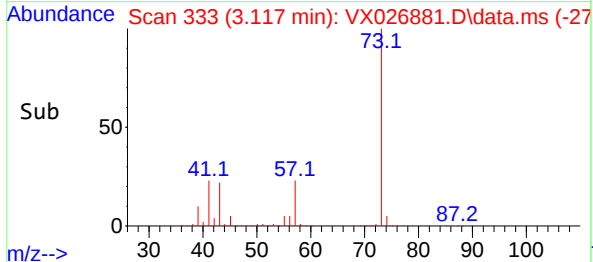
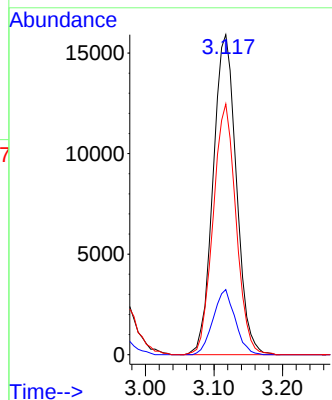


#15
Acrylonitrile
Concen: 49.746 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :

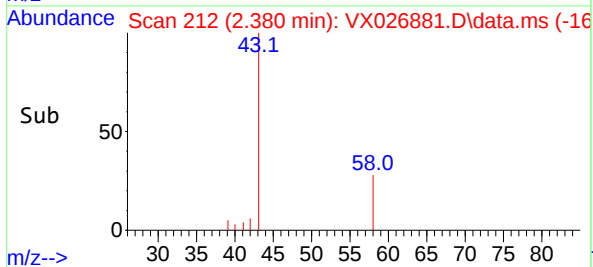
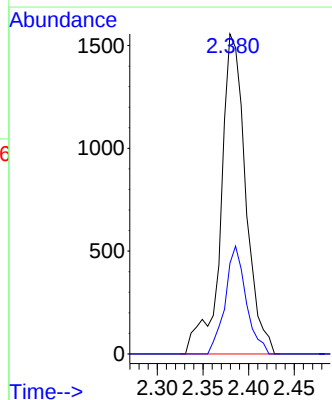
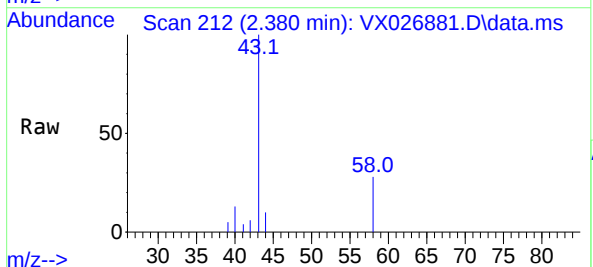


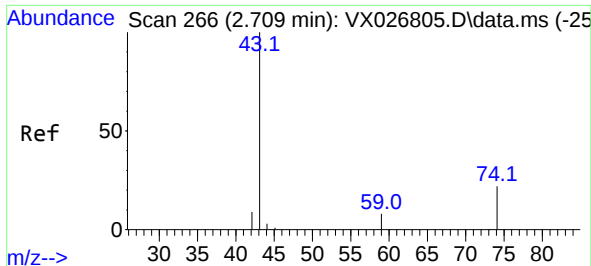
Tgt Ion: 53 Resp: 37425
Ion Ratio Lower Upper
53 100
52 19.3 66.6 100.0#
51 77.1 29.5 44.3#



#16
Acetone
Concen: 4.603 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
58 28.3 23.0 34.6





#18

Methyl Acetate

Concen: 53.943 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.256 min

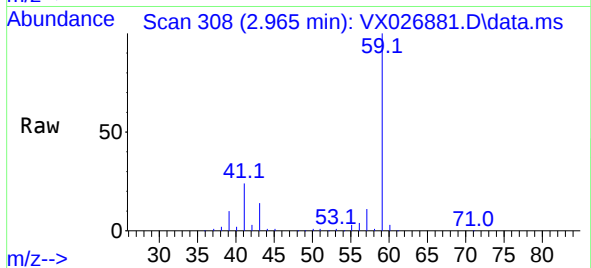
Lab File: VX026881.D

Acq: 09 Feb 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

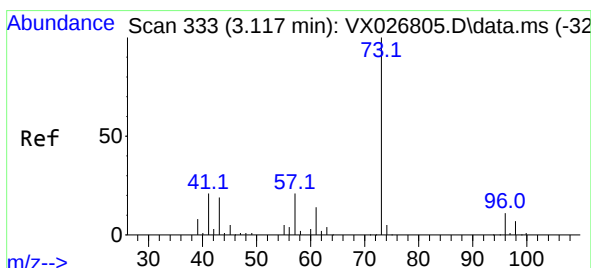
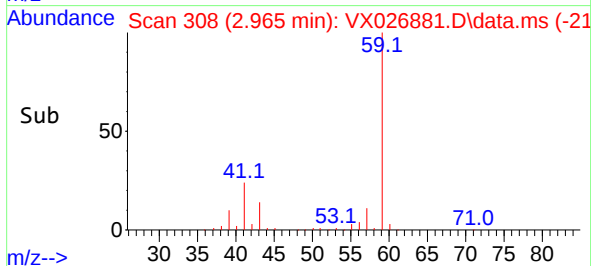
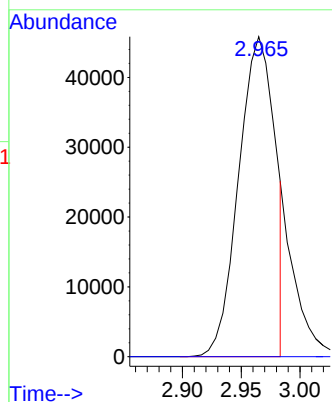


Tgt Ion: 43 Resp: 99064

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



#19

Methyl tert-butyl Ether

Concen: 824.103 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026881.D

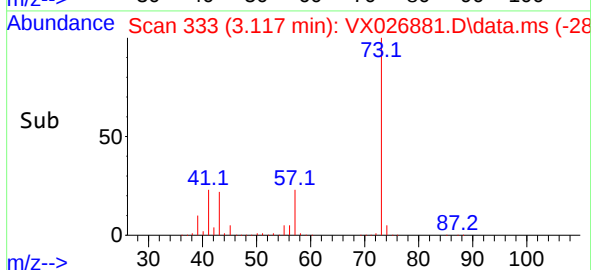
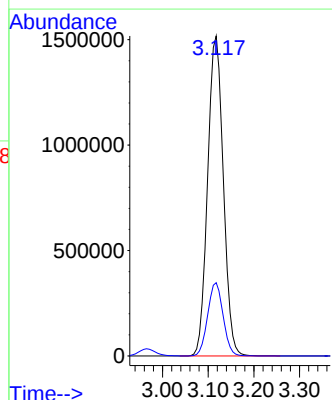
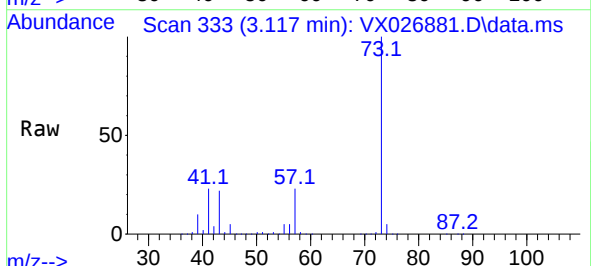
Acq: 09 Feb 2022 20:02

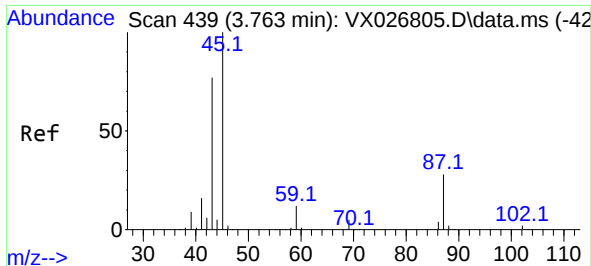
Tgt Ion: 73 Resp: 3614112

Ion Ratio Lower Upper

73 100

57 22.9 17.4 26.2

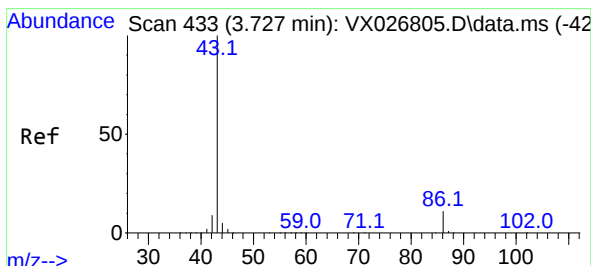
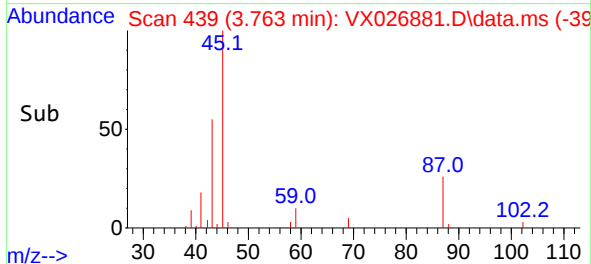
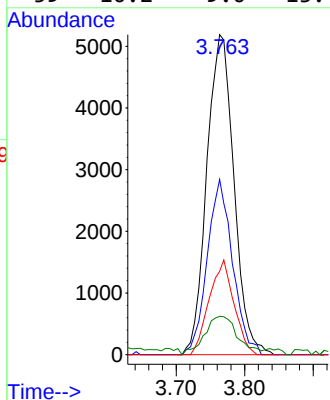
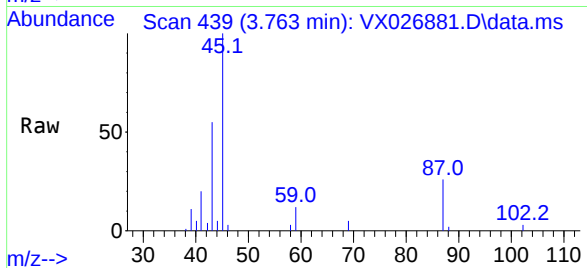




#22
Diisopropyl ether
Concen: 3.233 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

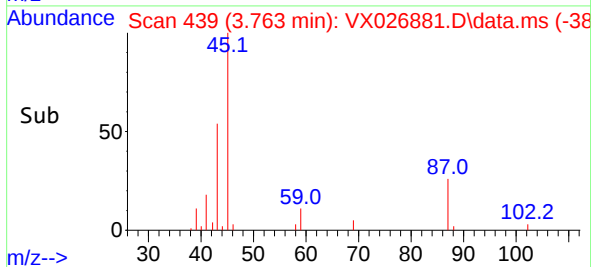
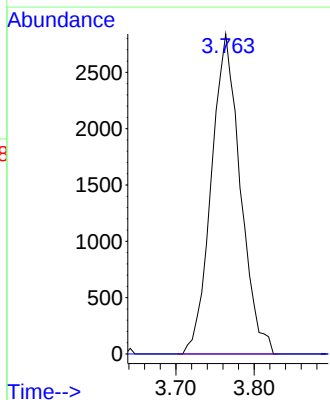
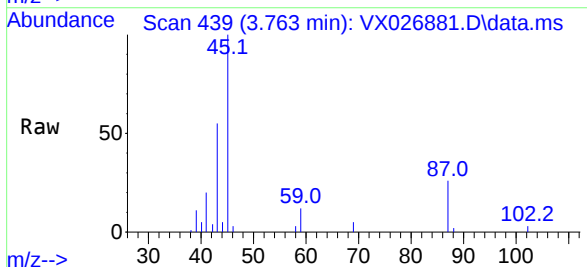
Instrument :
MSVOA_X
ClientSampleId :

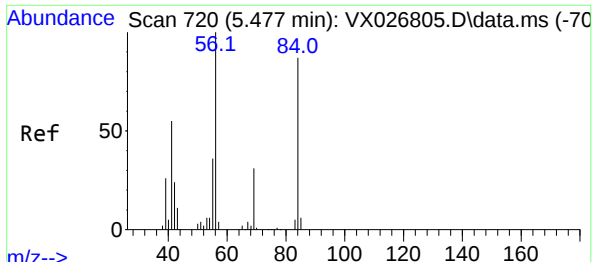
Tgt Ion:	45	Resp:	14285
Ion	Ratio	Lower	Upper
45	100		
43	54.8	60.6	91.0#
87	26.1	22.0	33.0
59	10.2	9.0	13.4



#23
Vinyl Acetate
Concen: 1.970 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

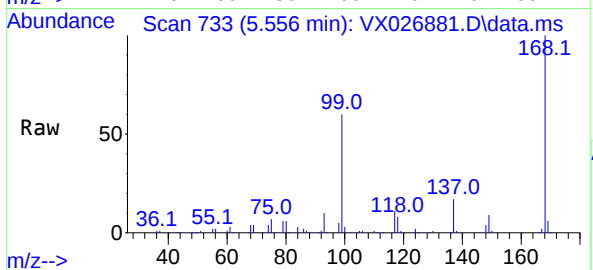
Tgt Ion:	43	Resp:	7317
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#



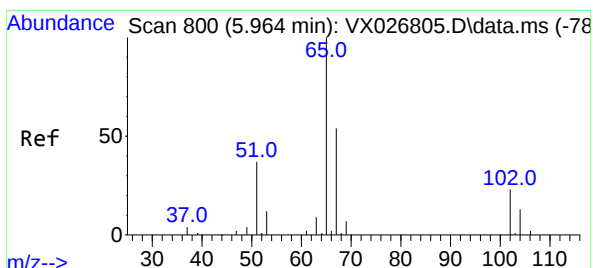
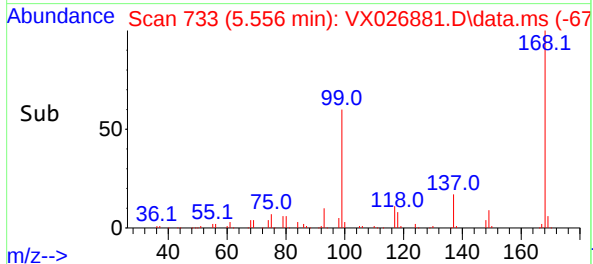
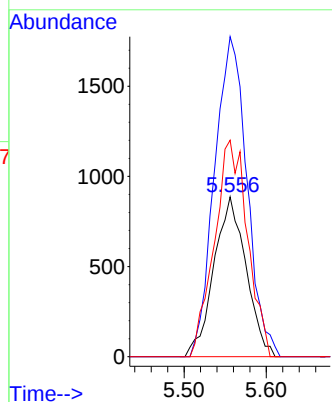


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :

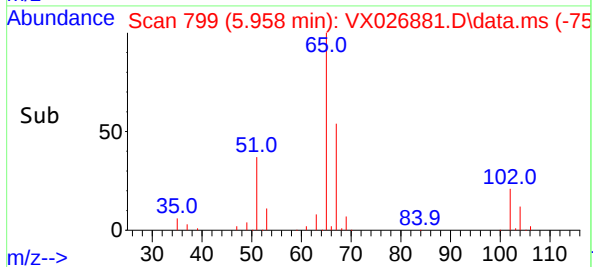
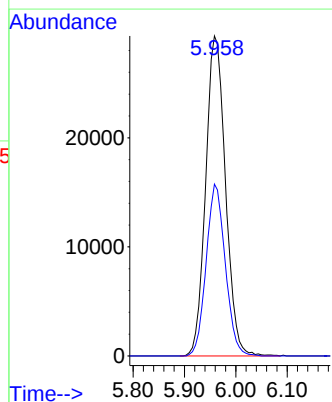
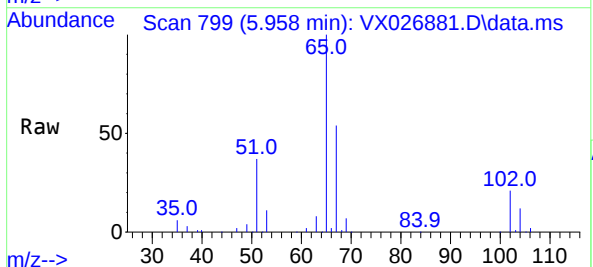


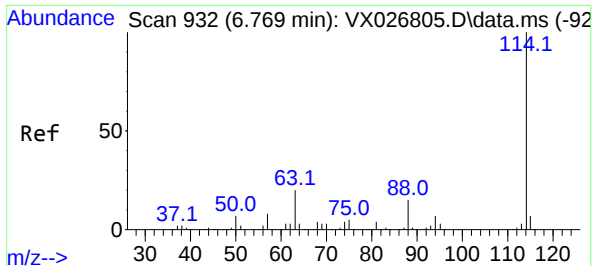
Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 200.1 25.8 38.6#
84 135.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.081 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Tgt Ion: 65 Resp: 78593
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026881.D

Acq: 09 Feb 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

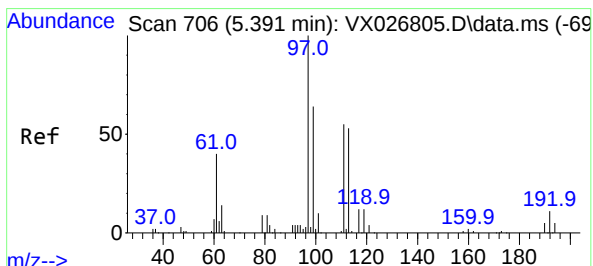
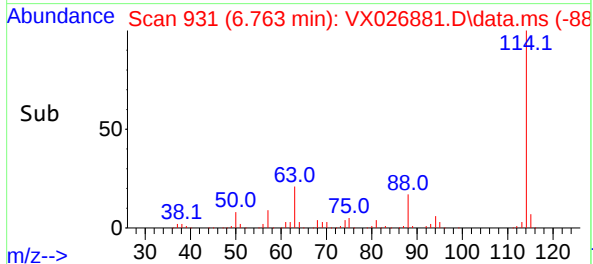
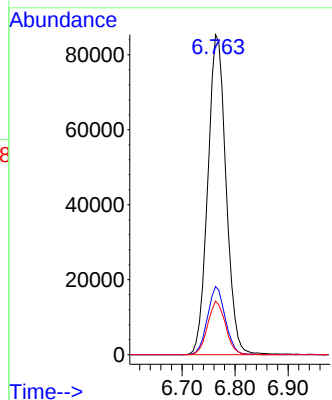
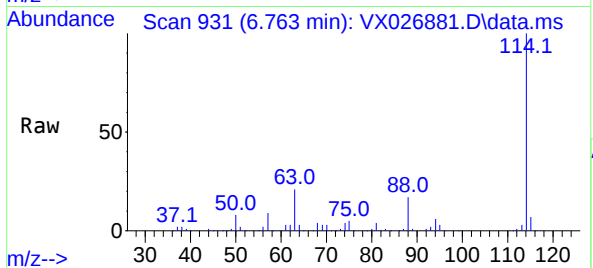
Tgt Ion:114 Resp: 204196

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 16.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.454 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026881.D

Acq: 09 Feb 2022 20:02

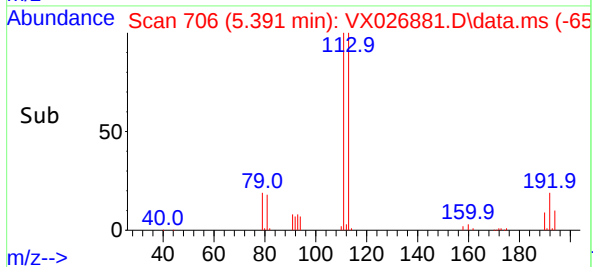
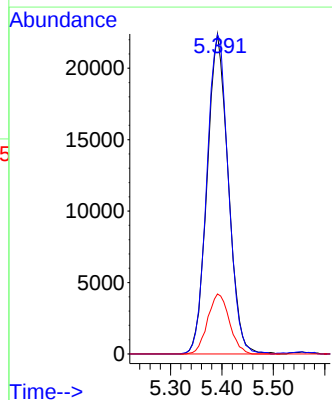
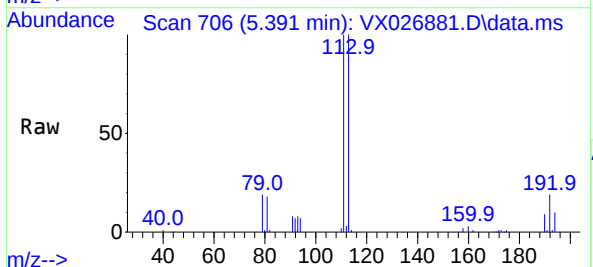
Tgt Ion:113 Resp: 63813

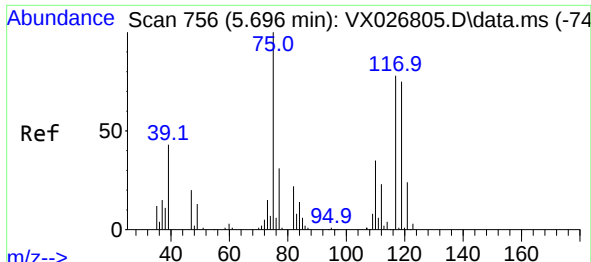
Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

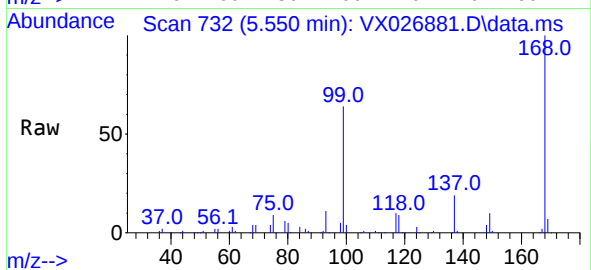
192 19.3 15.0 22.4



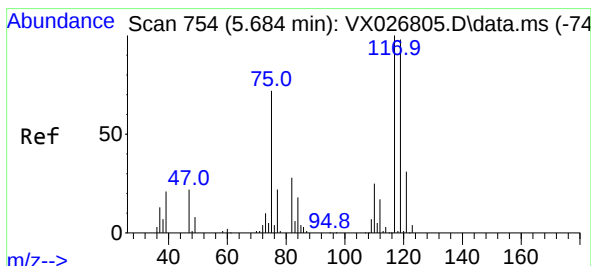
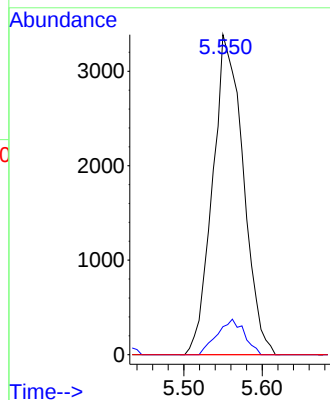
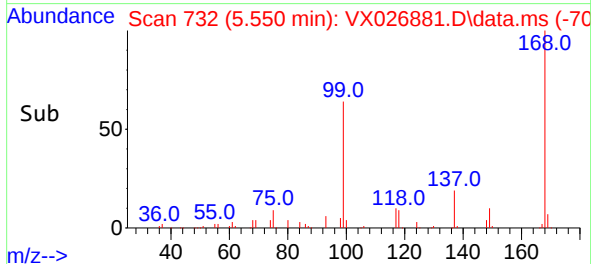


#36
1,1-Dichloropropene
Concen: 4.788 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

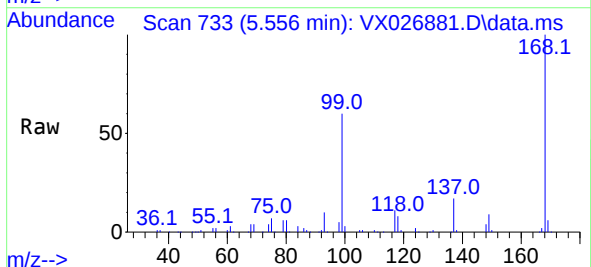
Instrument :
MSVOA_X
ClientSampleId :



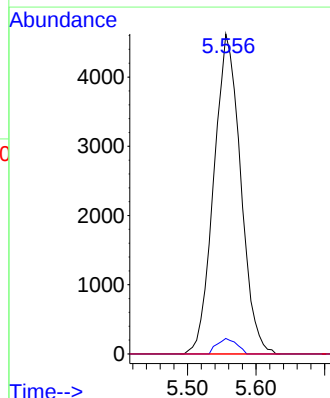
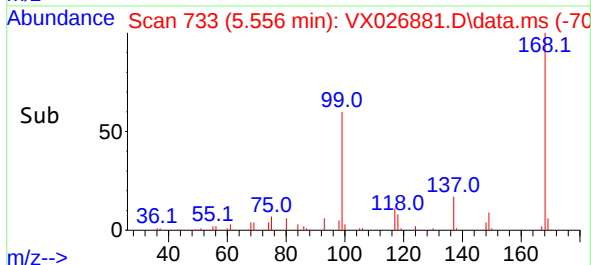
Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.6#
77 0.0 24.6 36.8#

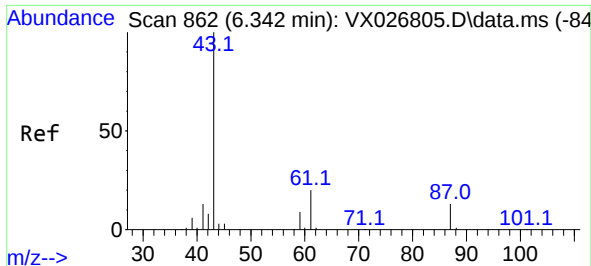


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02



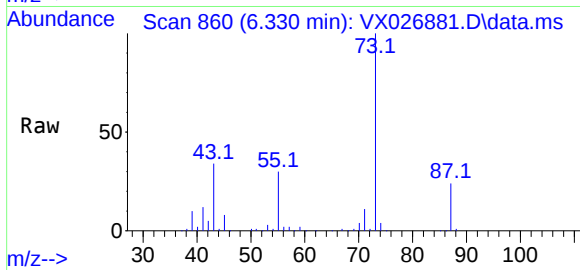
Tgt Ion: 117 Resp: 12550
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



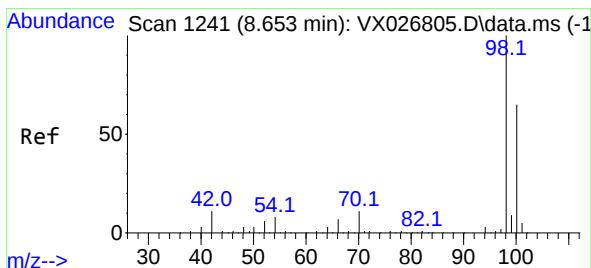
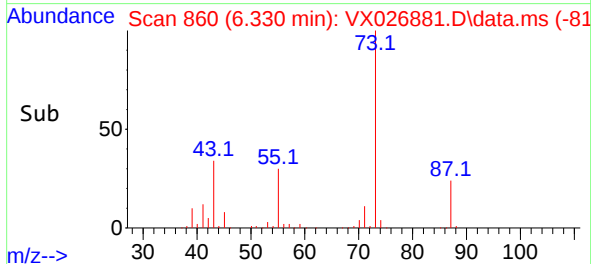
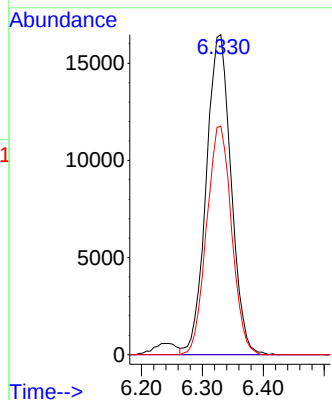


#43
Isopropyl Acetate
Concen: 13.906 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :

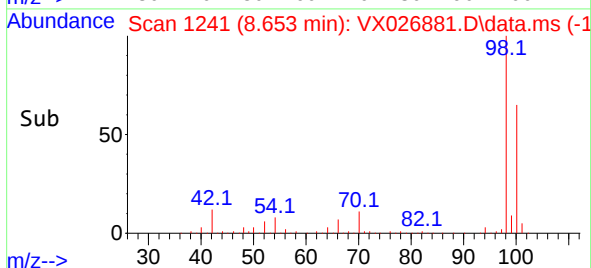
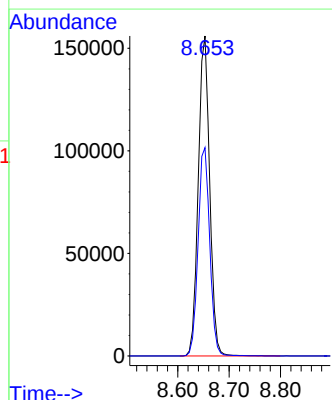
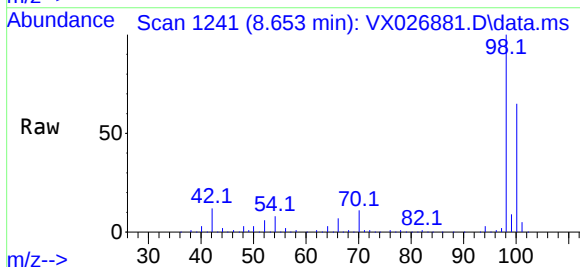


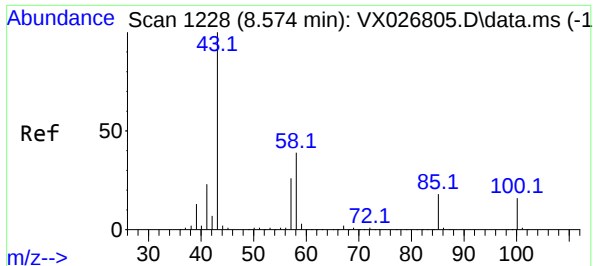
Tgt Ion: 43 Resp: 46666
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 71.8 10.2 15.2#



#50
Toluene-d8
Concen: 53.899 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Tgt Ion: 98 Resp: 240692
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

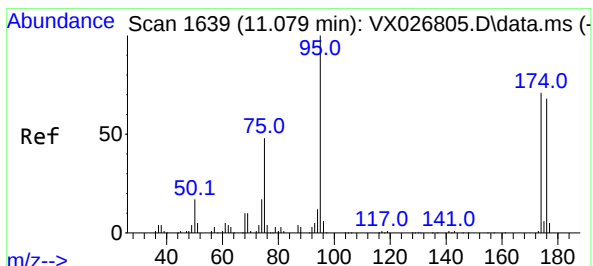
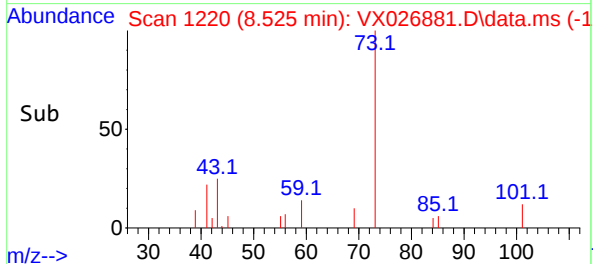
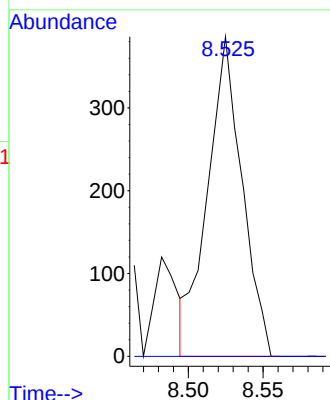
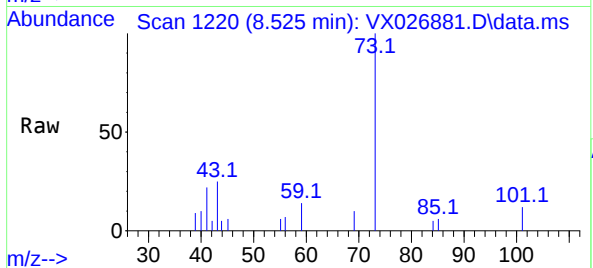




#51
4-Methyl-2-Pentanone
Concen: 0.304 ug/l
RT: 8.525 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

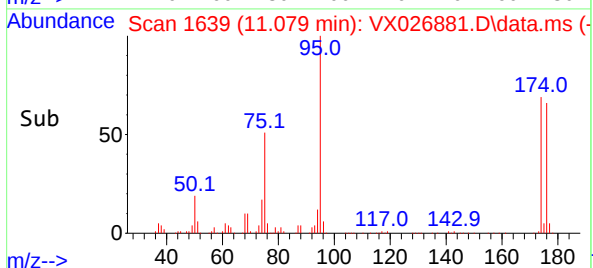
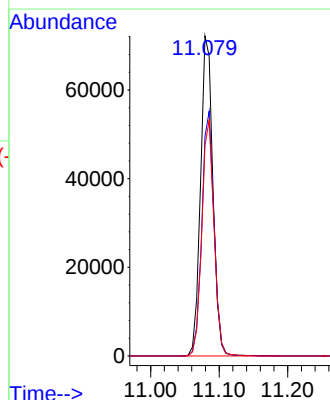
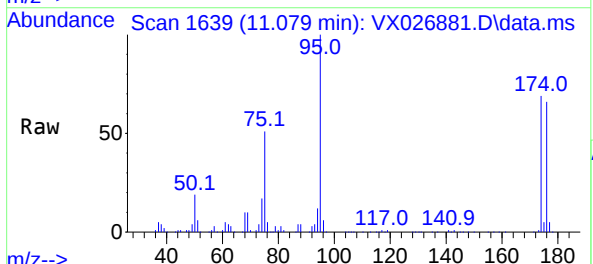
Instrument :
MSVOA_X
ClientSampleId :

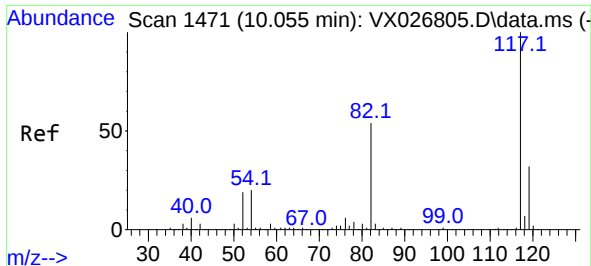
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 57.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

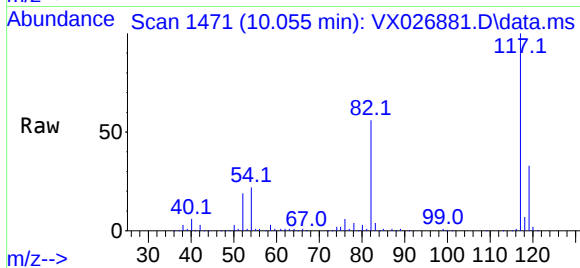
Tgt Ion: 95 Resp: 90551
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 72.7 0.0 141.4



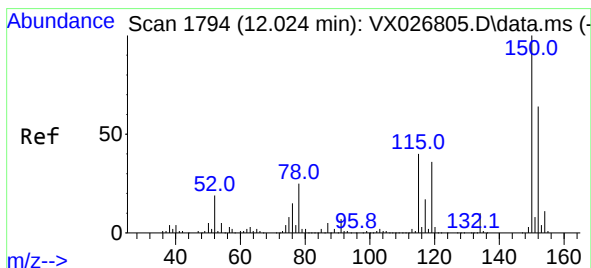
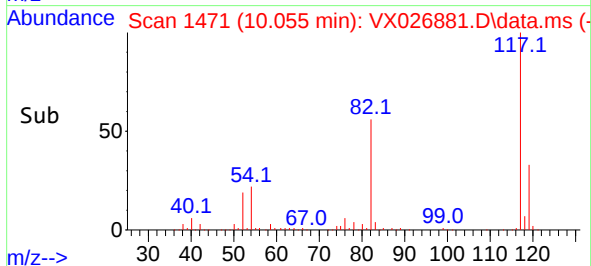
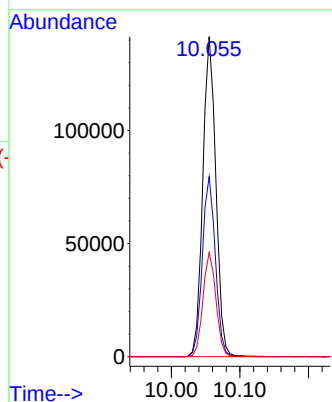


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :

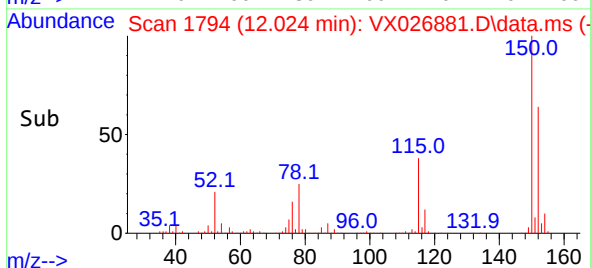
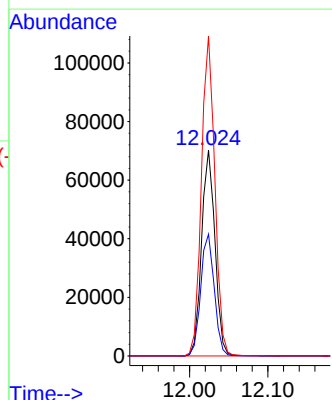
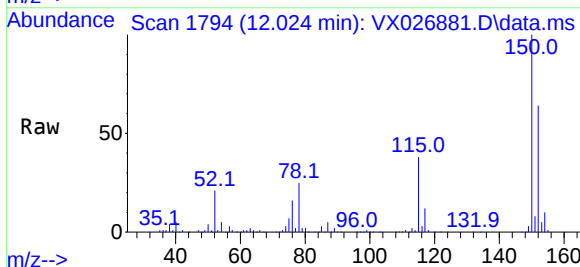


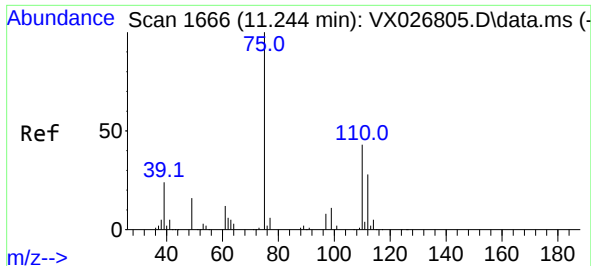
Tgt Ion:117 Resp: 187766
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Tgt Ion:152 Resp: 83393
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 155.7 0.0 348.2

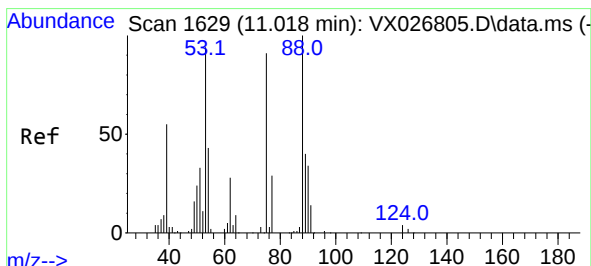
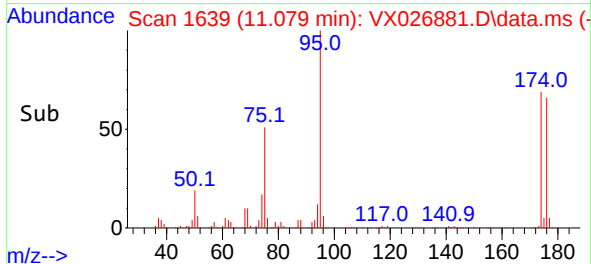
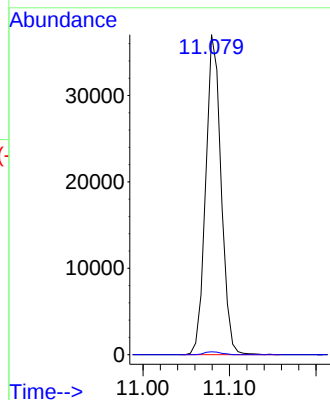
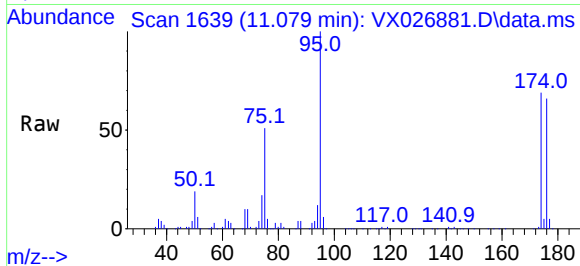




#76
1,2,3-Trichloropropane
Concen: 25.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45740
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026881.D
Acq: 09 Feb 2022 20:02

Tgt Ion: 75 Resp: 45740
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

