

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026882.D
 Acq On : 09 Feb 2022 20:25
 Operator : JC/MD
 Sample : N1446-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:10:38 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)

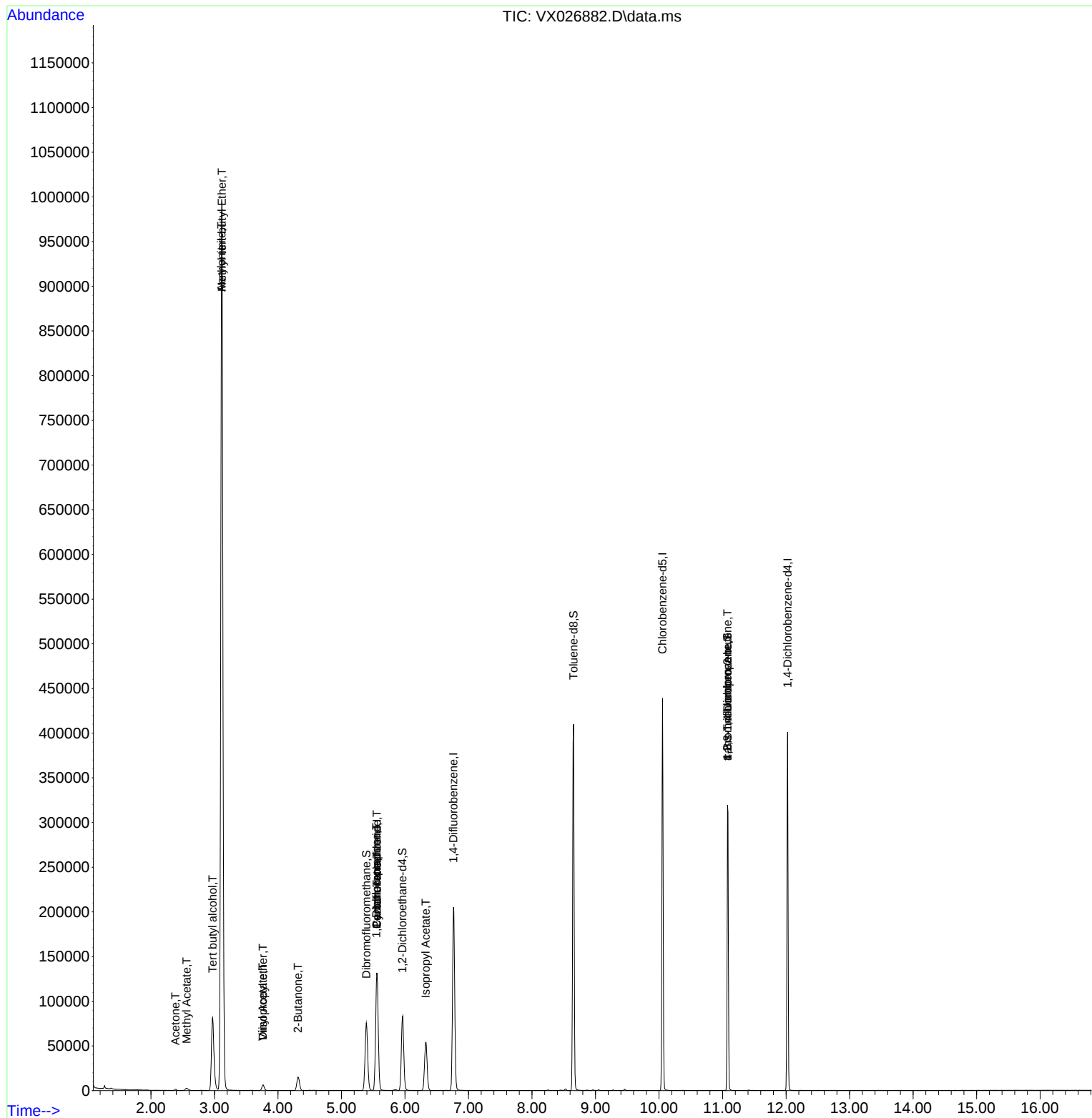
Internal Standards						
1) Pentafluorobenzene	5.556	168	125340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82021	54.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.020%	
35) Dibromofluoromethane	5.391	113	66345	52.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.960%	
50) Toluene-d8	8.653	98	247905	53.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	11.079	95	91299	55.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	120495	443.310	ug/l	96
15) Acrylonitrile	3.111	53	11321	14.535	ug/l #	29
16) Acetone	2.386	43	1762	2.666	ug/l	95
18) Methyl Acetate	2.562	43	1319	0.694	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	1117892	246.210	ug/l	100
22) Diisopropyl ether	3.763	45	7090	1.550	ug/l #	77
23) Vinyl Acetate	3.757	43	3641	0.947	ug/l #	73
25) 2-Butanone	4.312	43	2075	1.949	ug/l #	50
31) Cyclohexane	5.556	56	2604	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9524	4.775	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12991	6.212	ug/l #	17
43) Isopropyl Acetate	6.324	43	19398	5.562	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	45169	25.821	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45169	78.650	ug/l #	4

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

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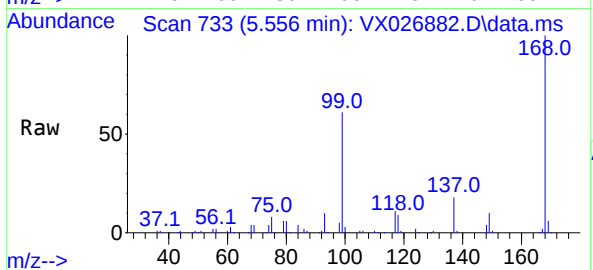
Quant Time: Feb 10 01:10:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
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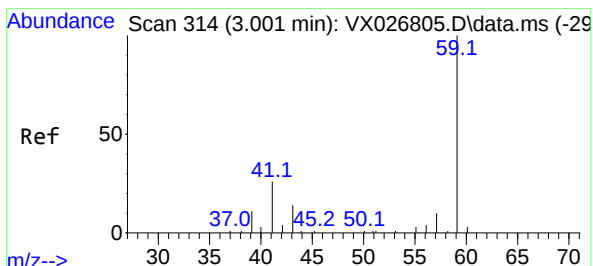
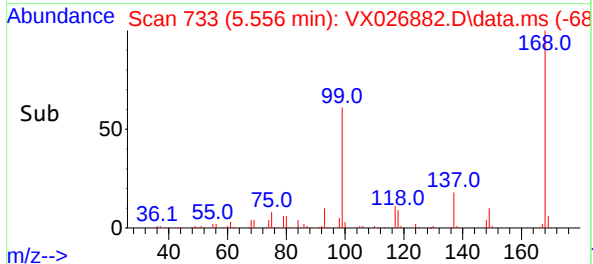
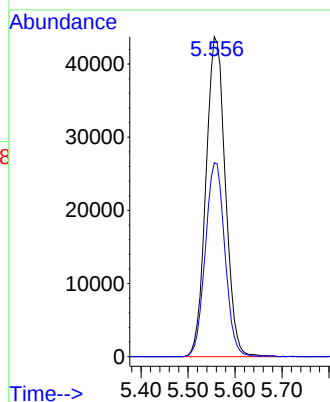


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :

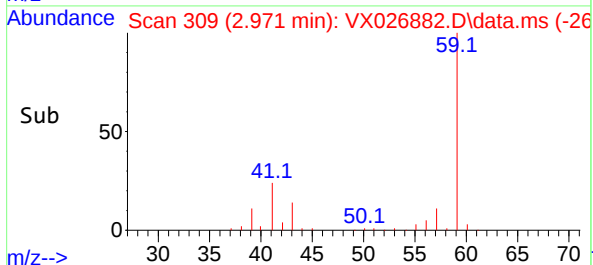
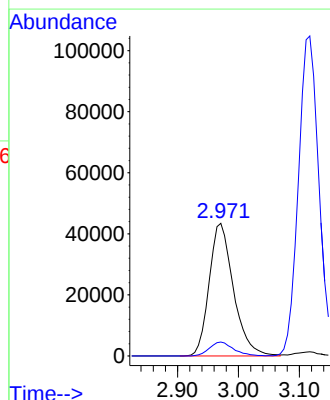
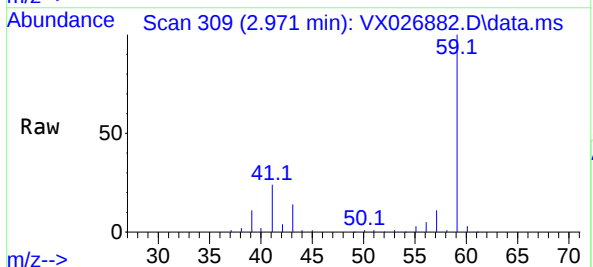


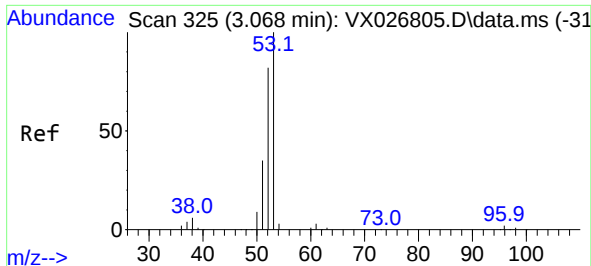
Tgt Ion:168 Resp: 125340
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#11
Tert butyl alcohol
Concen: 443.310 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

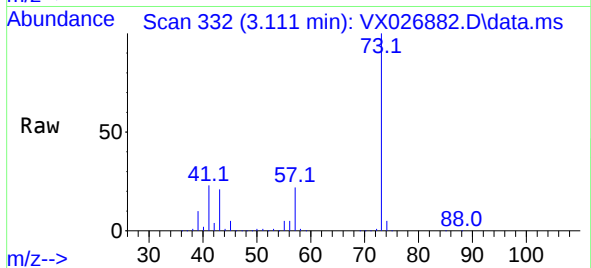
Tgt Ion: 59 Resp: 120495
Ion Ratio Lower Upper
59 100
57 10.5 7.2 10.8



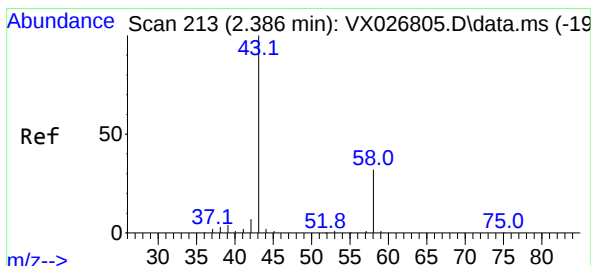
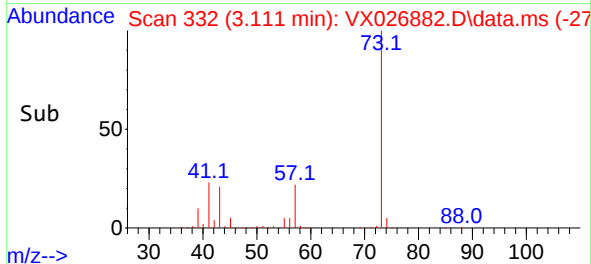
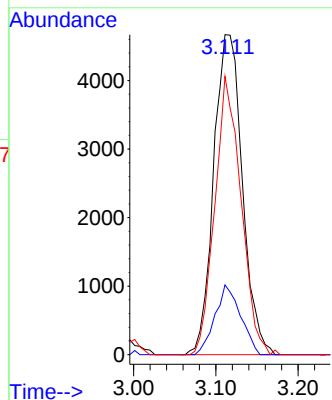


#15
Acrylonitrile
Concen: 14.535 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :

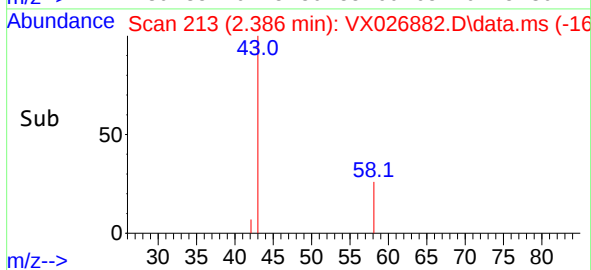
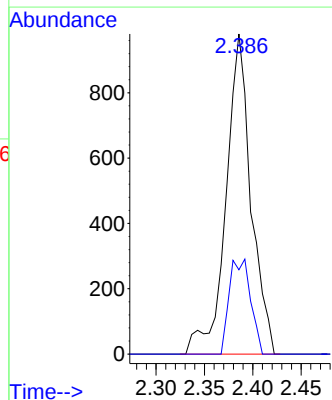
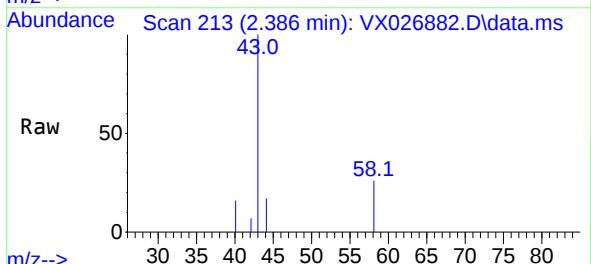


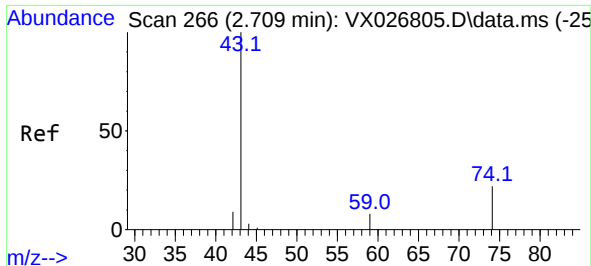
Tgt Ion: 53 Resp: 11321
Ion Ratio Lower Upper
53 100
52 19.4 66.6 100.0#
51 79.4 29.5 44.3#



#16
Acetone
Concen: 2.666 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
58 26.3 23.0 34.6

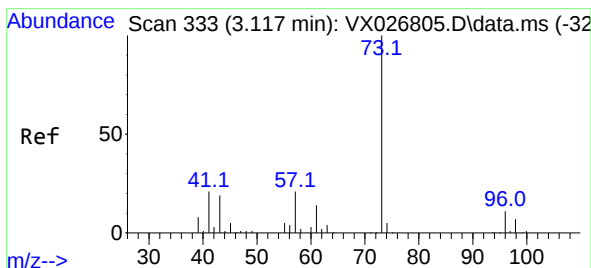
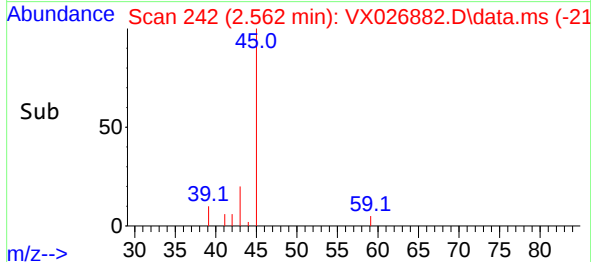
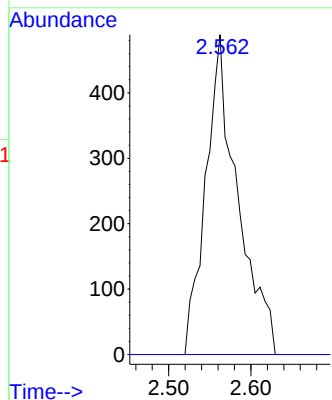
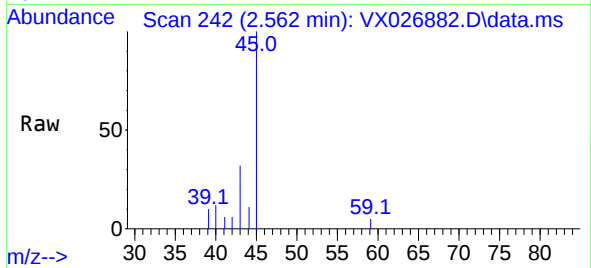




#18
Methyl Acetate
Concen: 0.694 ug/l
RT: 2.562 min Scan# 24
Delta R.T. -0.146 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

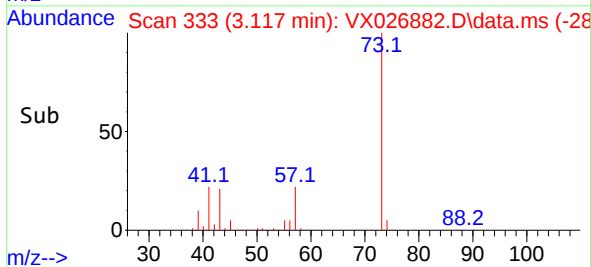
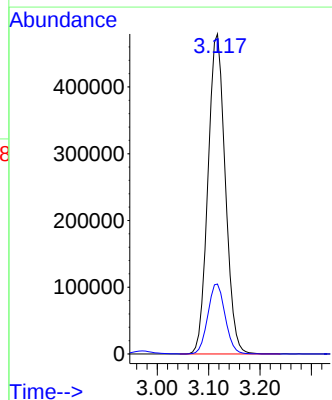
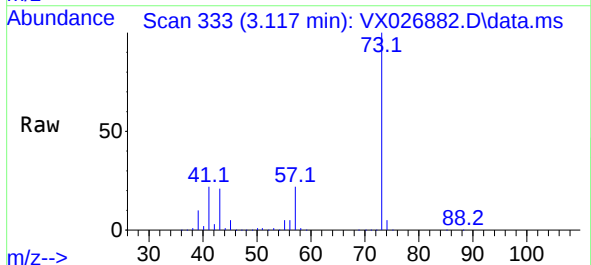
Instrument :
MSVOA_X
ClientSampleId :

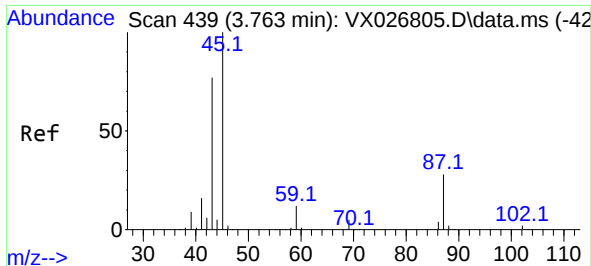
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 246.210 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

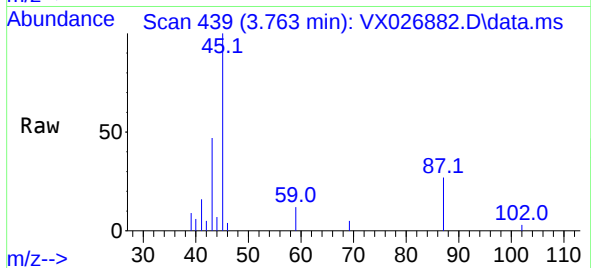
Tgt Ion: 73 Resp: 1117892
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



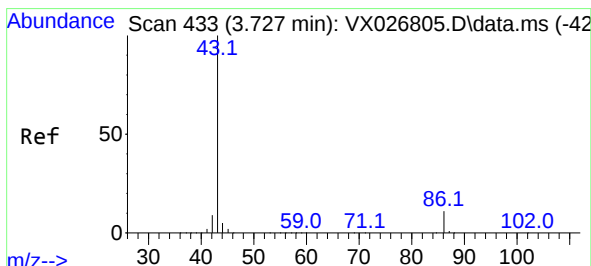
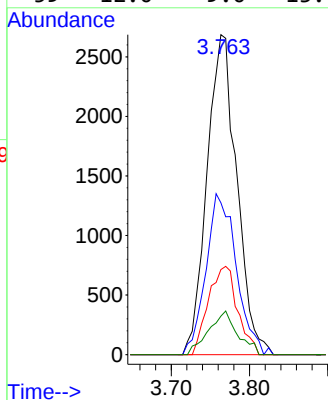
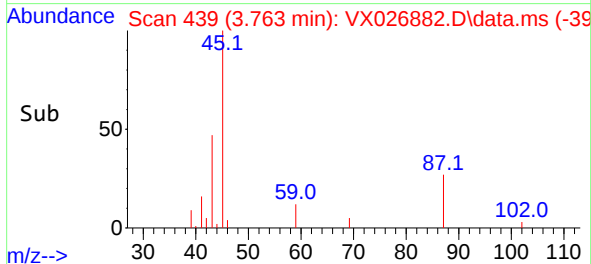


#22
Diisopropyl ether
Concen: 1.550 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

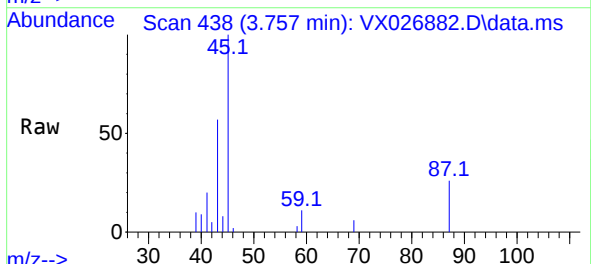
Instrument :
MSVOA_X
ClientSampleId :



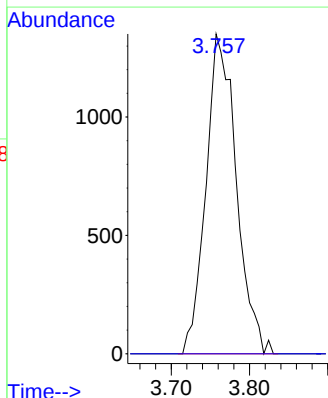
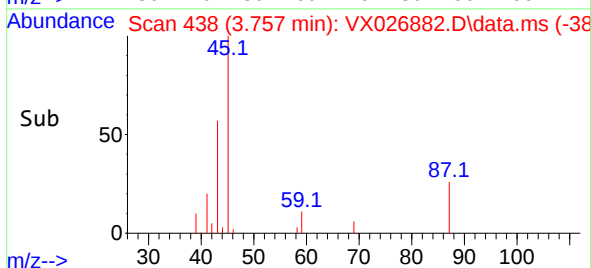
Tgt Ion: 45 Resp: 7090
Ion Ratio Lower Upper
45 100
43 47.4 60.6 91.0#
87 26.6 22.0 33.0
59 12.0 9.0 13.4

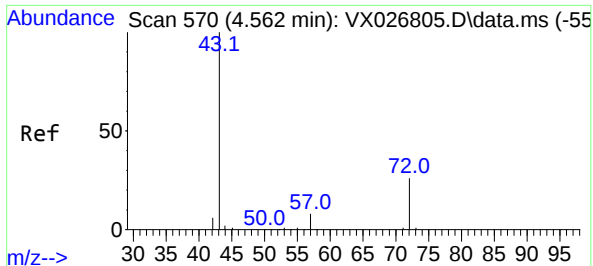


#23
Vinyl Acetate
Concen: 0.947 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.030 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25



Tgt Ion: 43 Resp: 3641
Ion Ratio Lower Upper
43 100
86 0.0 8.1 12.1#





#25

2-Butanone

Concen: 1.949 ug/l

RT: 4.312 min Scan# 51

Delta R.T. -0.250 min

Lab File: VX026882.D

Acq: 09 Feb 2022 20:25

Instrument :

MSVOA_X

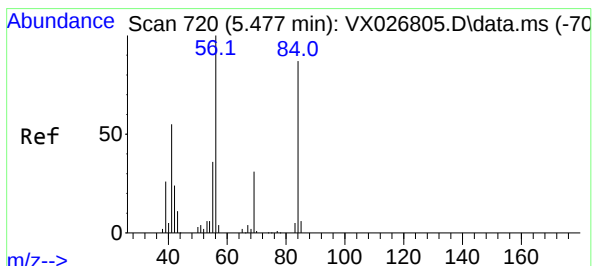
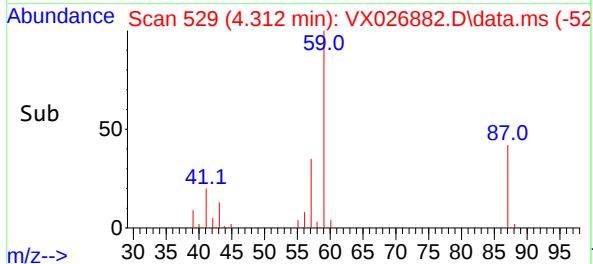
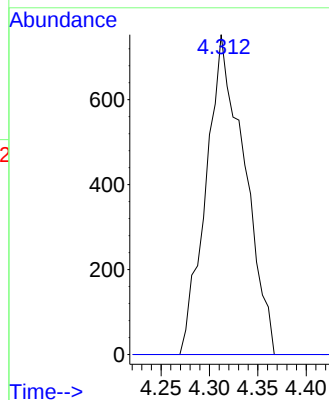
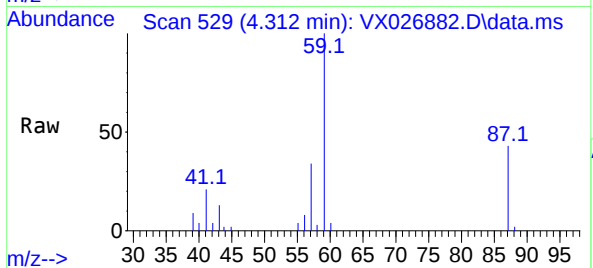
ClientSampleId :

Tgt Ion: 43 Resp: 2075

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026882.D

Acq: 09 Feb 2022 20:25

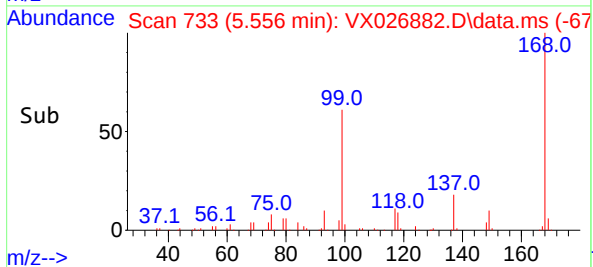
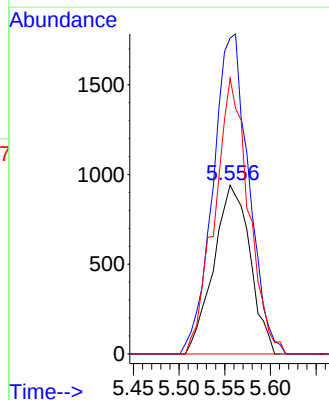
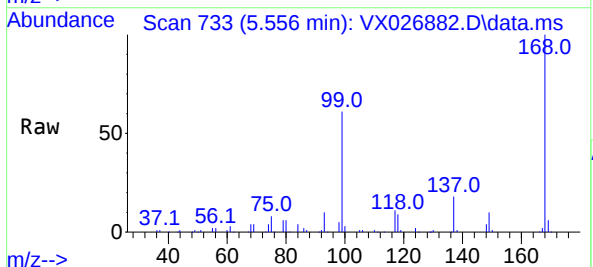
Tgt Ion: 56 Resp: 2604

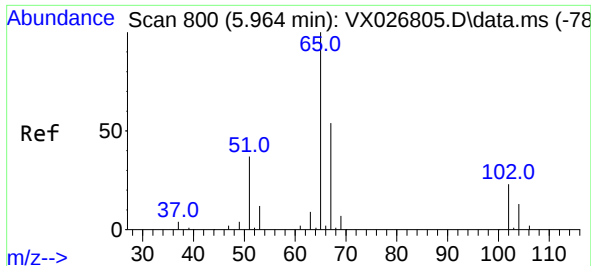
Ion Ratio Lower Upper

56 100

69 187.1 25.8 38.6#

84 163.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.514 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026882.D

Acq: 09 Feb 2022 20:25

Instrument :

MSVOA_X

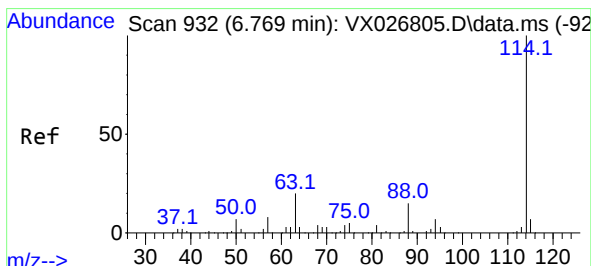
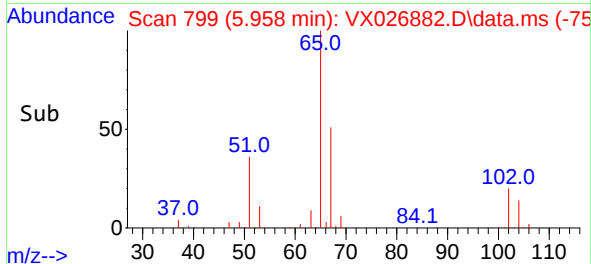
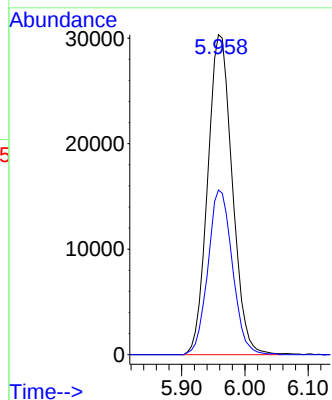
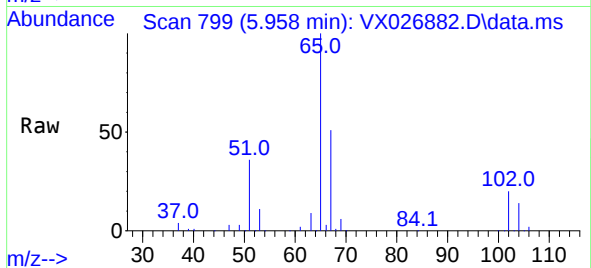
ClientSampleId :

Tgt Ion: 65 Resp: 82021

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026882.D

Acq: 09 Feb 2022 20:25

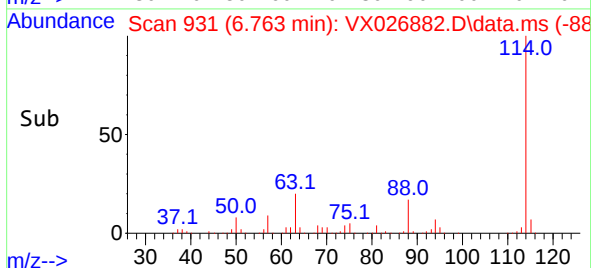
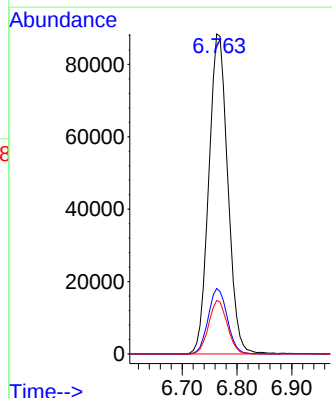
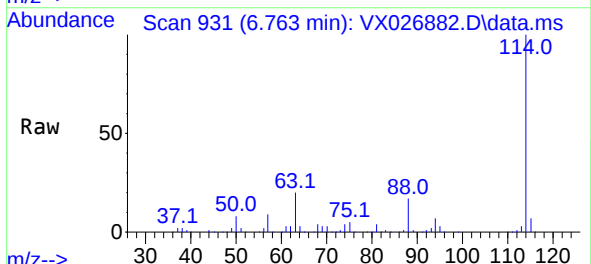
Tgt Ion: 114 Resp: 212192

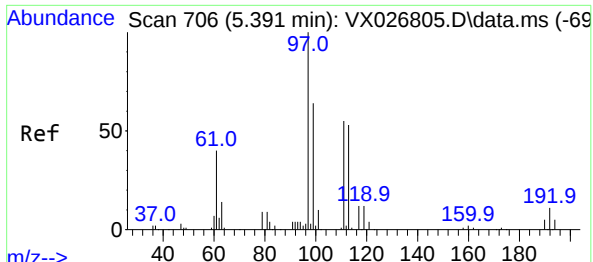
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

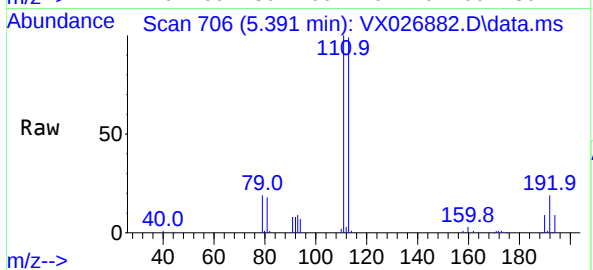
88 16.7 0.0 33.0



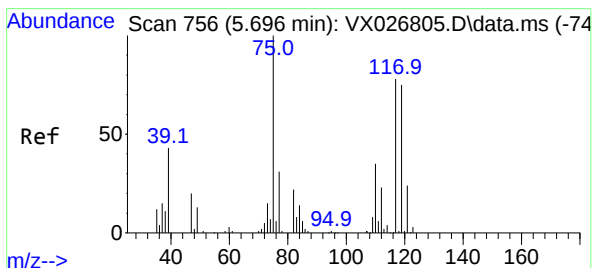
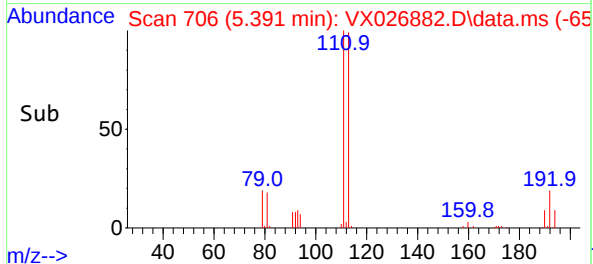
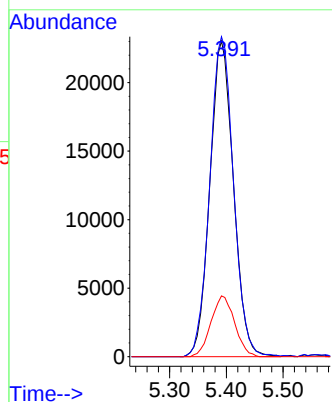


#35
Dibromofluoromethane
Concen: 52.480 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :

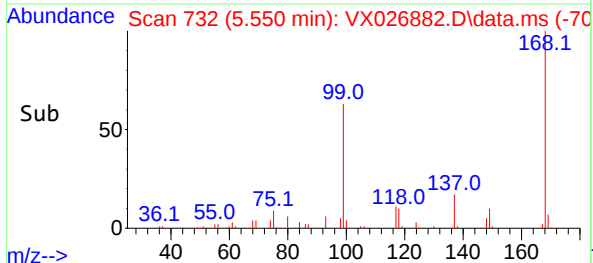
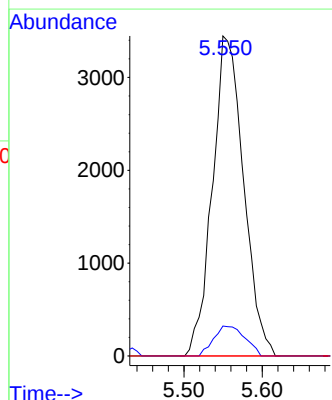
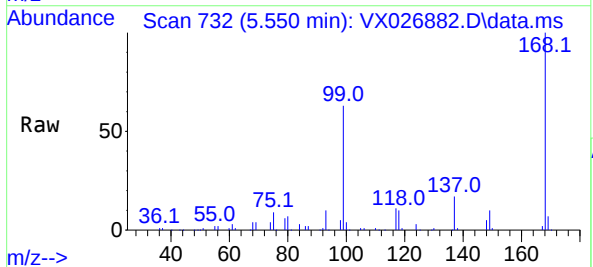


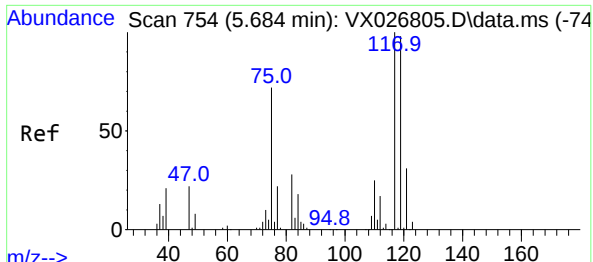
Tgt Ion:113 Resp: 66345
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

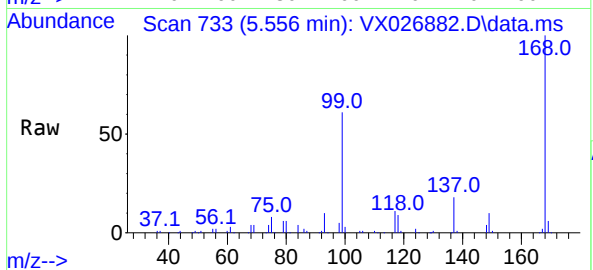
Tgt Ion: 75 Resp: 9524
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



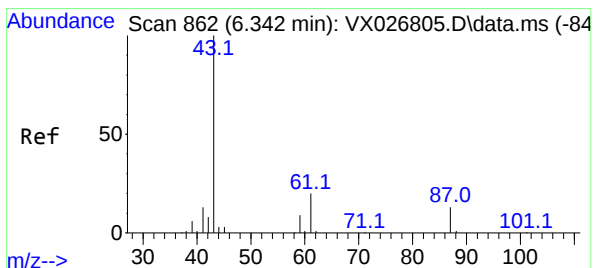
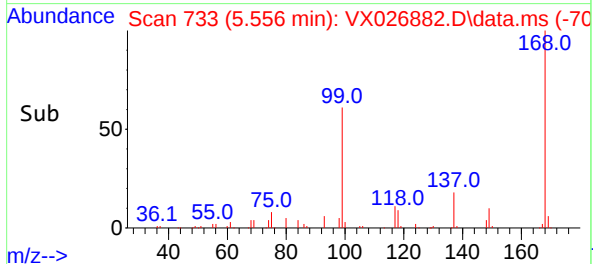
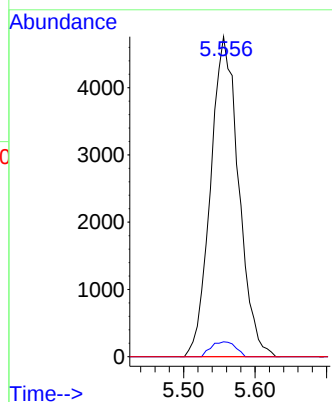


#38
Carbon Tetrachloride
Concen: 6.212 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :

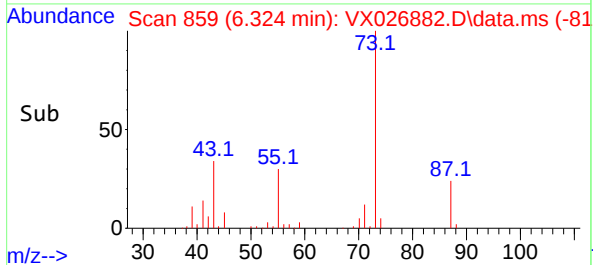
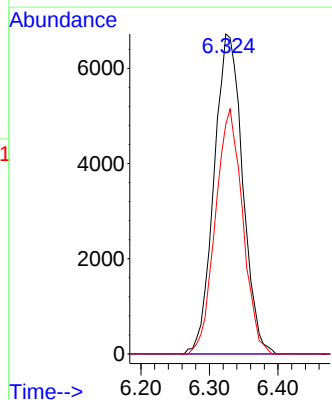
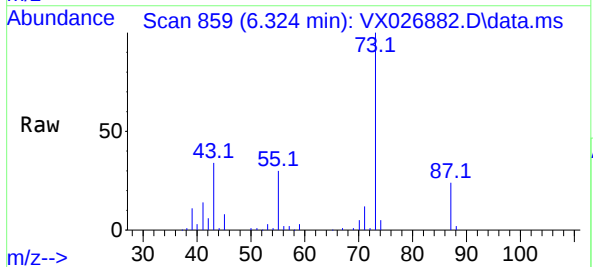


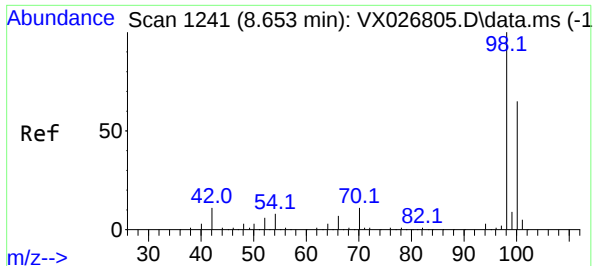
Tgt Ion:117 Resp: 12991
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 5.562 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.018 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Tgt Ion: 43 Resp: 19398
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 73.2 10.2 15.2#

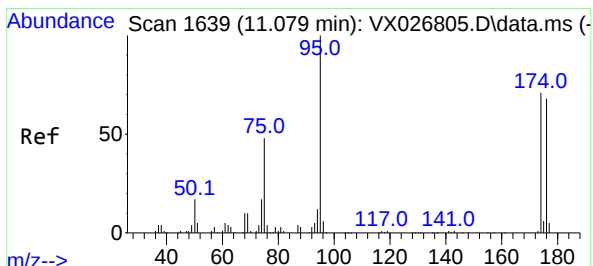
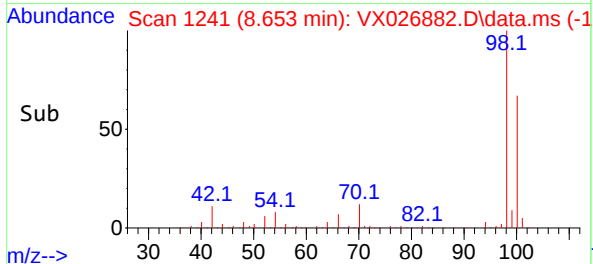
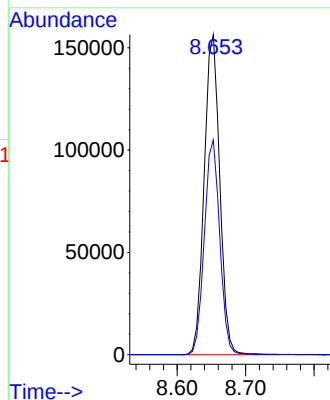
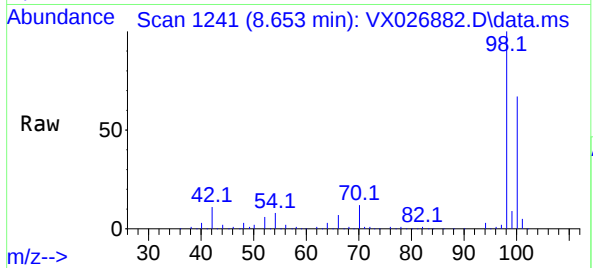




#50
Toluene-d8
Concen: 53.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

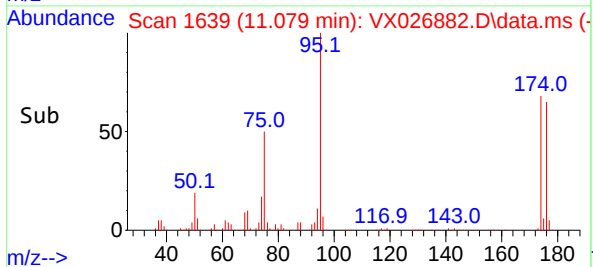
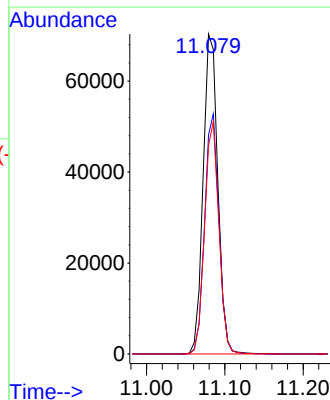
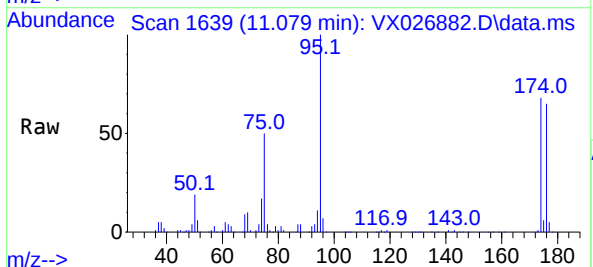
Instrument :
MSVOA_X
ClientSampleId :

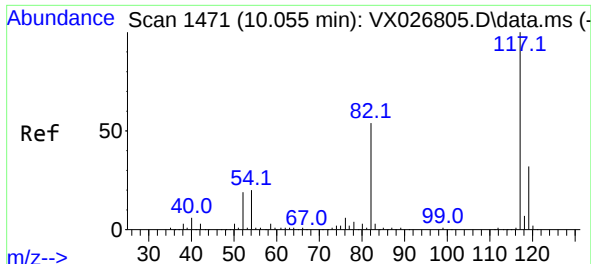
Tgt Ion: 98 Resp: 247905
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 55.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Tgt Ion: 95 Resp: 91299
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.6
176 70.6 0.0 141.4

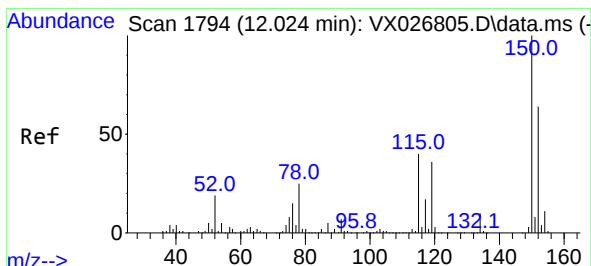
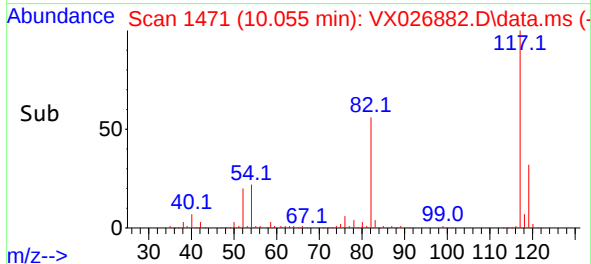
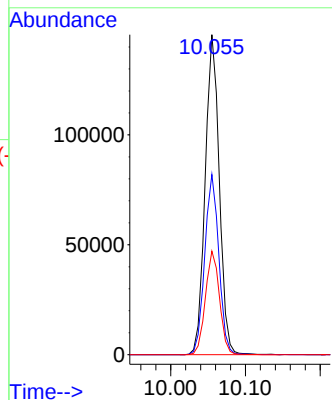
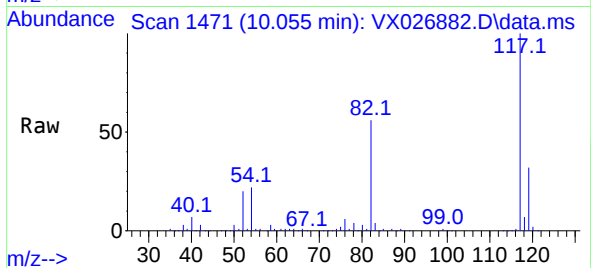




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

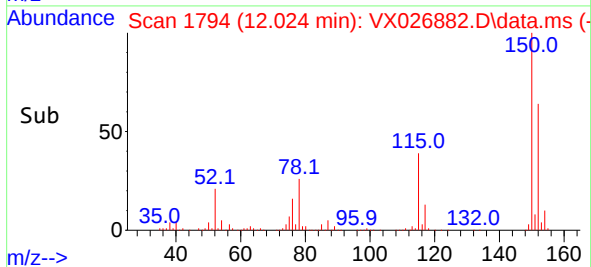
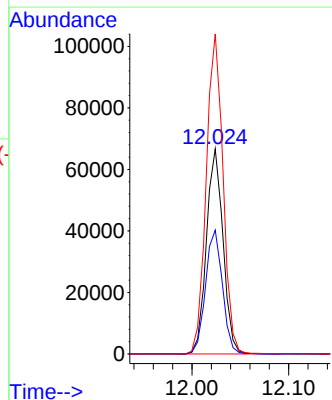
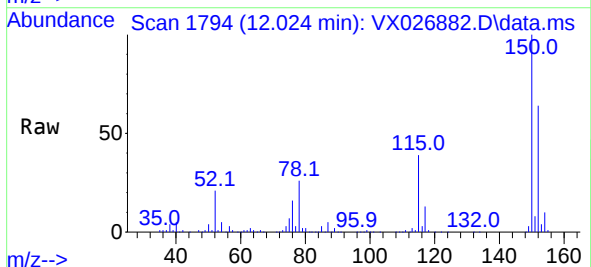
Instrument :
MSVOA_X
ClientSampleId :

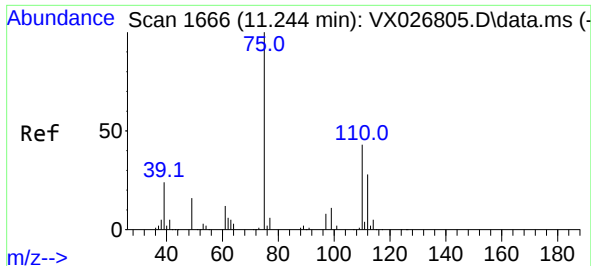
Tgt Ion:117 Resp: 190798
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Tgt Ion:152 Resp: 79911
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 157.7 0.0 348.2

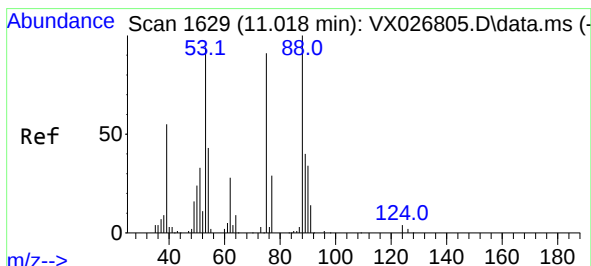
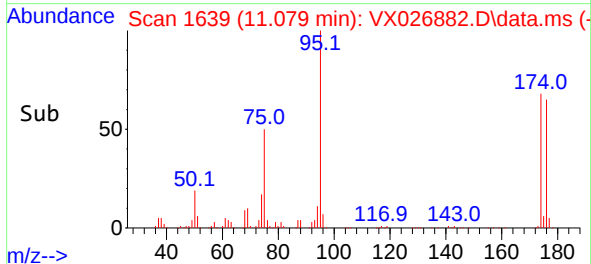
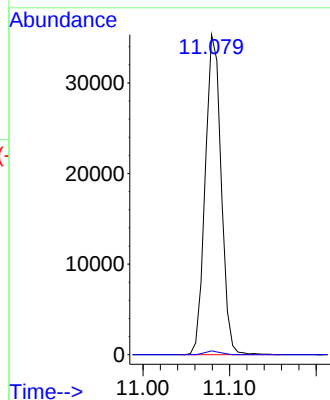
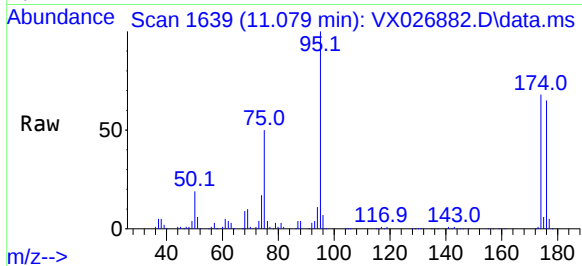




#76
1,2,3-Trichloropropane
Concen: 25.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45169
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026882.D
Acq: 09 Feb 2022 20:25

Tgt Ion: 75 Resp: 45169
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

