

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027212.D
 Acq On : 26 Feb 2022 01:04
 Operator : JC/MD
 Sample : N1670-01ME
 Misc : 5.09g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-022422ME

Quant Time: Feb 26 02:48:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

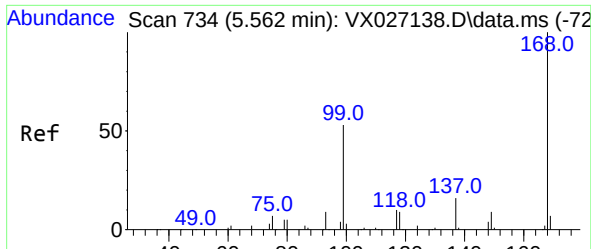
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	90043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54311	50.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.391	113	45168	48.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.440%			
50) Toluene-d8	8.653	98	173741	49.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.085	95	66793	49.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	175	Below Cal		93
10) Methyl Iodide	2.441	142	372	0.307 ug/l #		85
16) Acetone	2.422	43	594	1.251 ug/l		98
18) Methyl Acetate	2.727	43	1310	1.069 ug/l #		81
25) 2-Butanone	4.605	43	7552	9.987 ug/l		100
29) Tetrahydrofuran	5.044	42	234	0.462 ug/l #		72
31) Cyclohexane	5.556	56	1644	1.015 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	6738	4.929 ug/l #		50
37) Ethyl Acetate	4.605	43	7552	5.031 ug/l #		71
38) Carbon Tetrachloride	5.556	117	8937	6.268 ug/l #		17
41) Methacrylonitrile	5.038	41	166	0.202 ug/l #		25
43) Isopropyl Acetate	6.373	43	1305	0.565 ug/l #		62
51) 4-Methyl-2-Pentanone	8.647	43	654	0.436 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	32322	23.995 ug/l #		40
81) trans-1,4-Dichloro-2-b...	11.085	75	32322	68.159 ug/l #		3

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

Quant Time: Feb 26 02:48:50 2022
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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

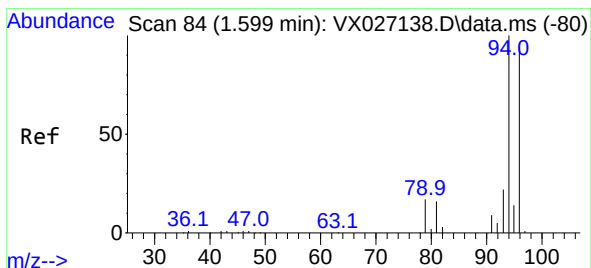
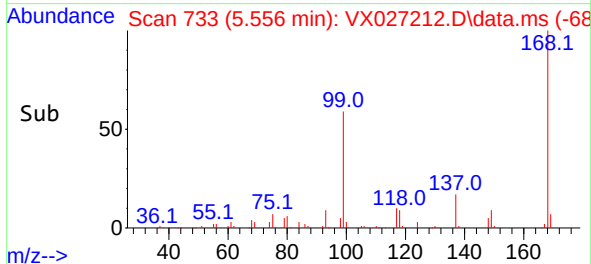
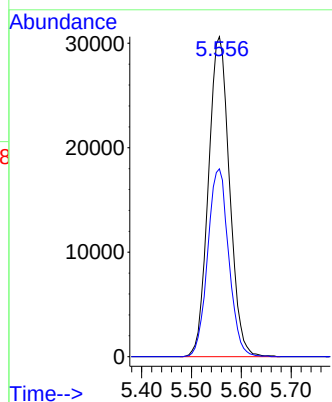
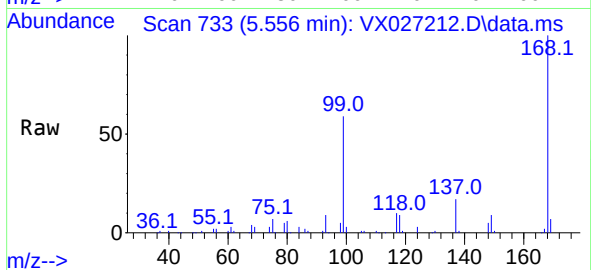




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

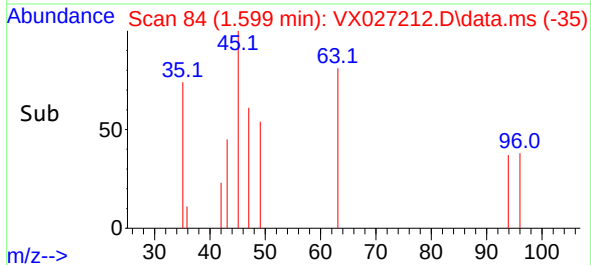
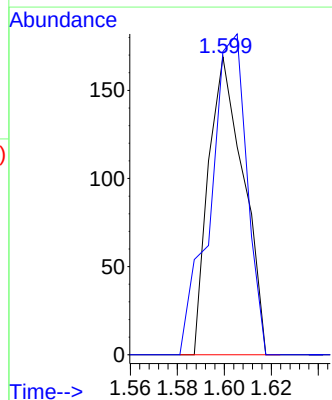
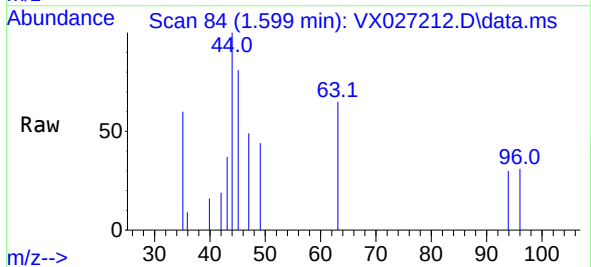
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

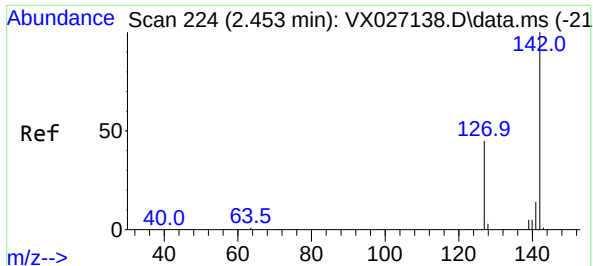
Tgt Ion:168 Resp: 90043
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 101.8 75.9 113.9

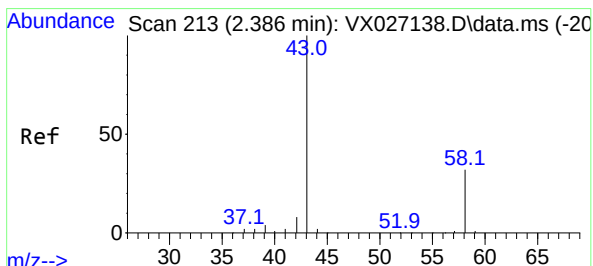
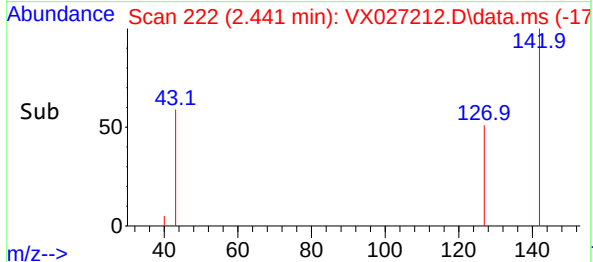
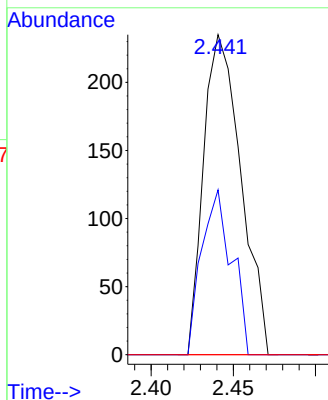
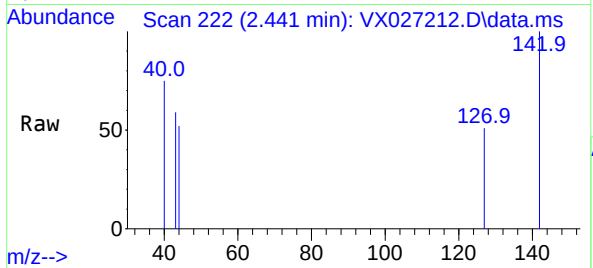




#10
Methyl Iodide
Concen: 0.307 ug/l
RT: 2.441 min Scan# 219
Delta R.T. -0.012 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

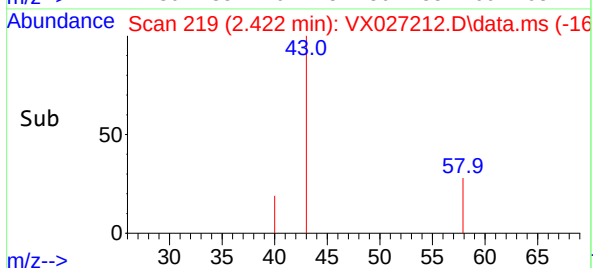
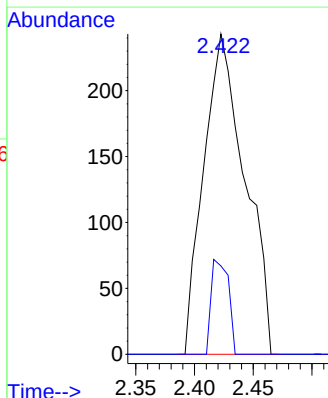
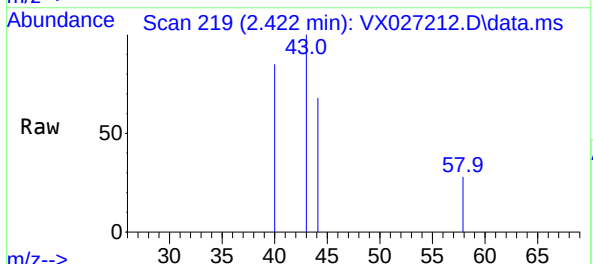
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

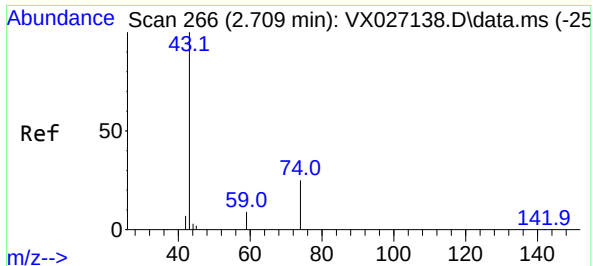
Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
127 41.4 38.1 57.1
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.251 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.036 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 27.6 23.0 34.6





#18

Methyl Acetate

Concen: 1.069 ug/l

RT: 2.727 min Scan# 2

Delta R.T. 0.018 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

Instrument :

MSVOA_X

ClientSampleId :

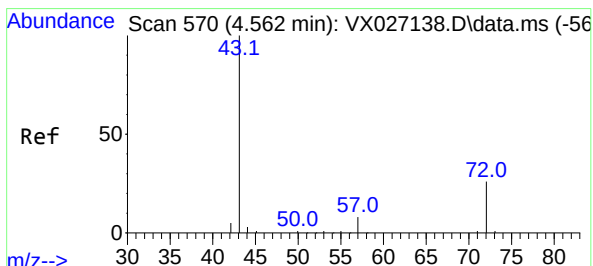
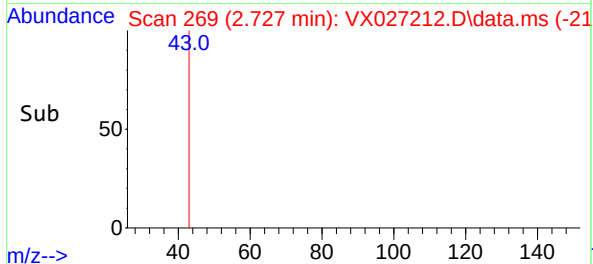
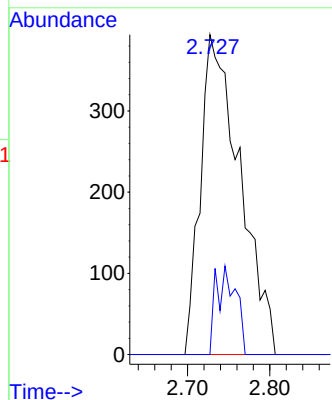
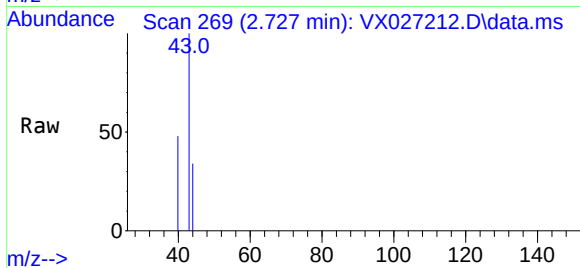
OR-03-022422ME

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

74 13.7 18.3 27.5#



#25

2-Butanone

Concen: 9.987 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.043 min

Lab File: VX027212.D

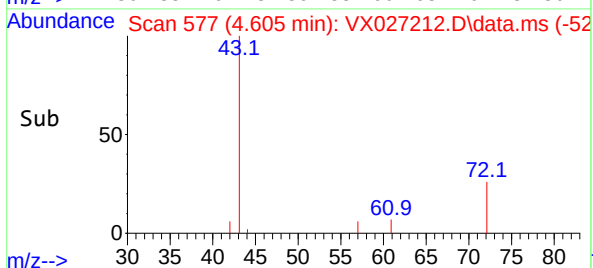
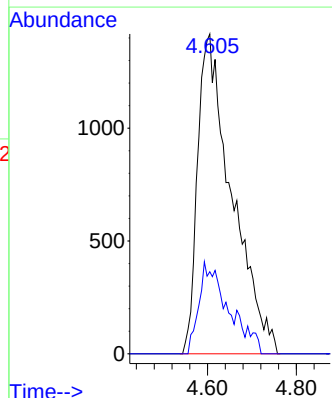
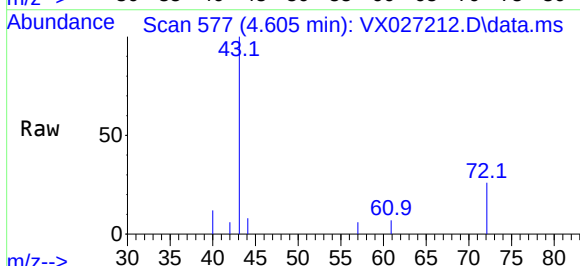
Acq: 26 Feb 2022 01:04

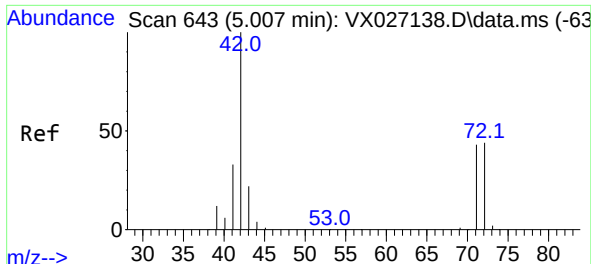
Tgt Ion: 43 Resp: 7552

Ion Ratio Lower Upper

43 100

72 25.7 20.4 30.6





#29

Tetrahydrofuran

Concen: 0.462 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

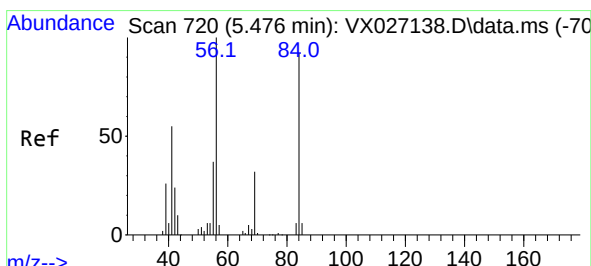
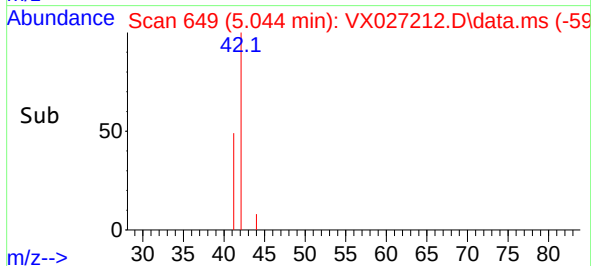
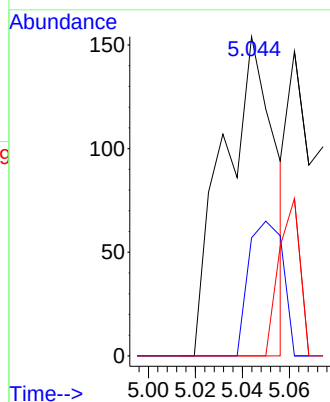
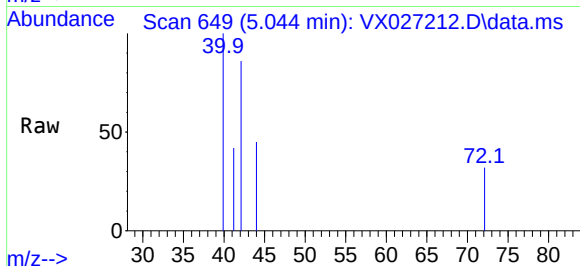
Instrument :

MSVOA_X

ClientSampleId :

OR-03-022422ME

Tgt Ion:	42	Resp:	234
Ion	Ratio	Lower	Upper
42	100		
72	28.2	34.6	52.0#
71	20.1	31.8	47.8#



#31

Cyclohexane

Concen: 1.015 ug/l

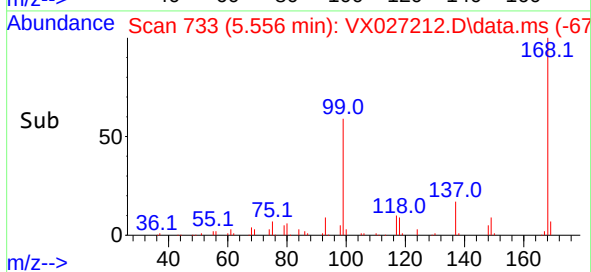
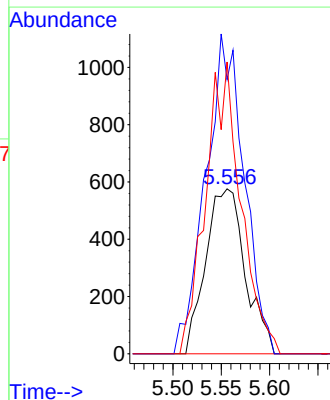
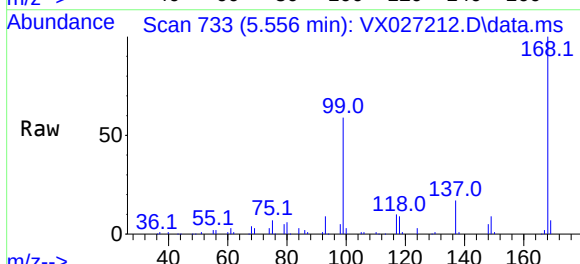
RT: 5.556 min Scan# 733

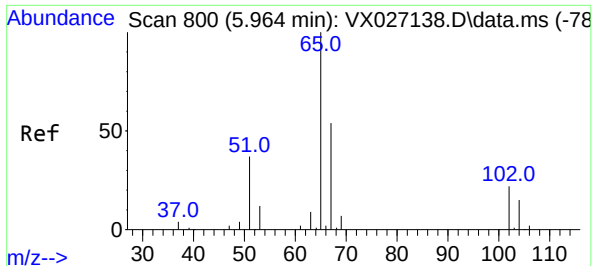
Delta R.T. 0.080 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

Tgt Ion:	56	Resp:	1644
Ion	Ratio	Lower	Upper
56	100		
69	166.3	25.8	38.6#
84	176.9	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

Instrument :

MSVOA_X

ClientSampleId :

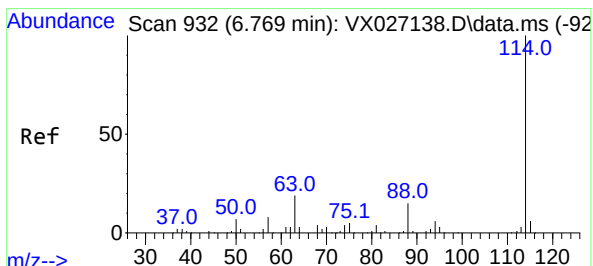
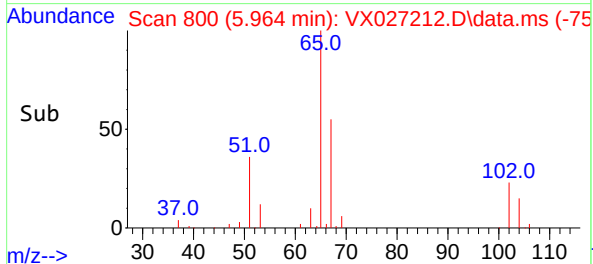
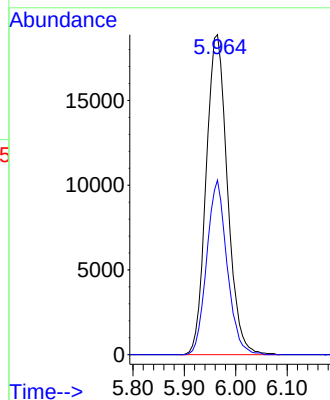
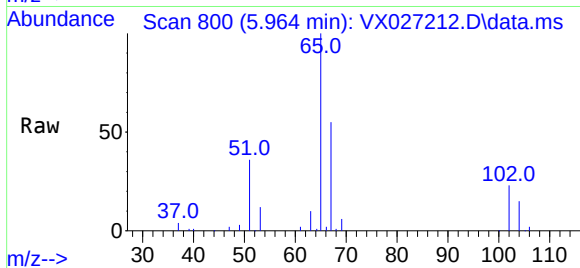
OR-03-022422ME

Tgt Ion: 65 Resp: 54311

Ion Ratio Lower Upper

65 100

67 52.1 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: VX027212.D

Acq: 26 Feb 2022 01:04

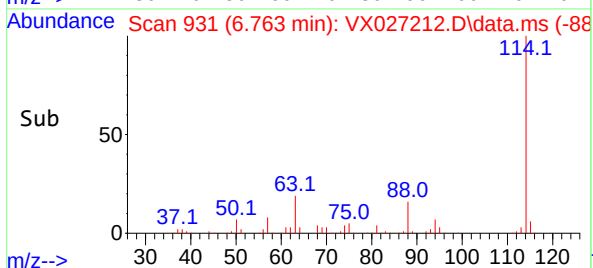
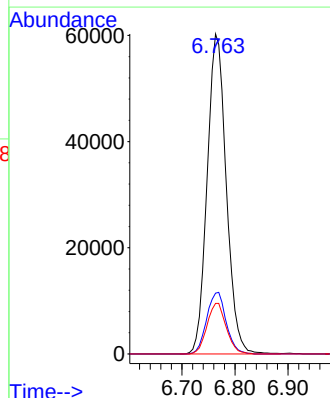
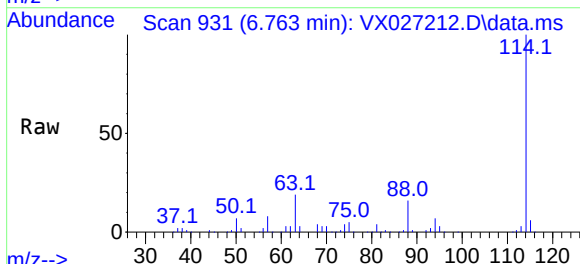
Tgt Ion: 114 Resp: 150914

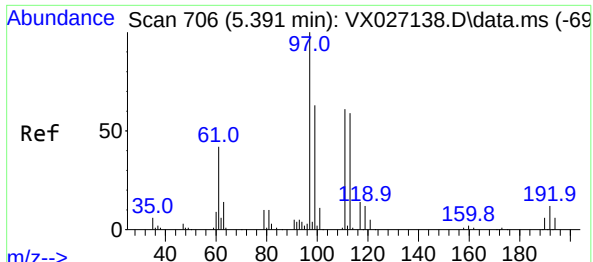
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

88 15.8 0.0 33.0

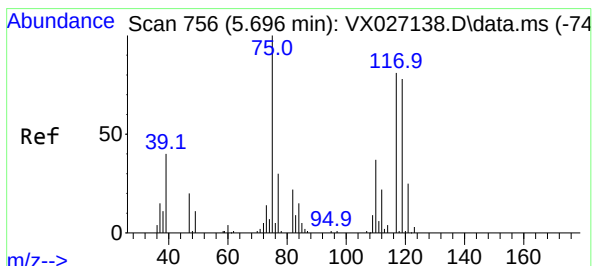
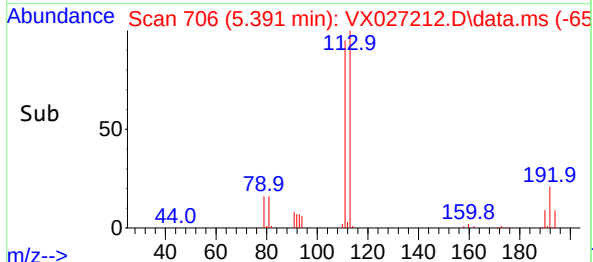
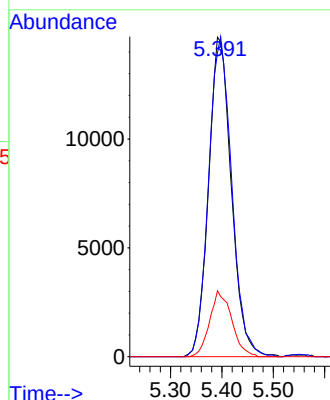
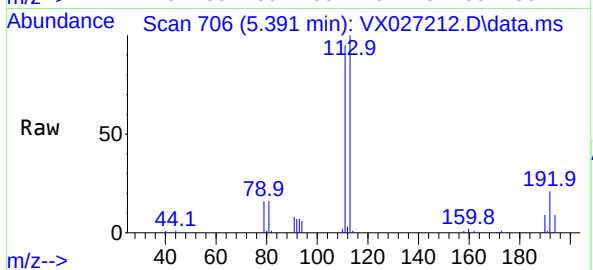




#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

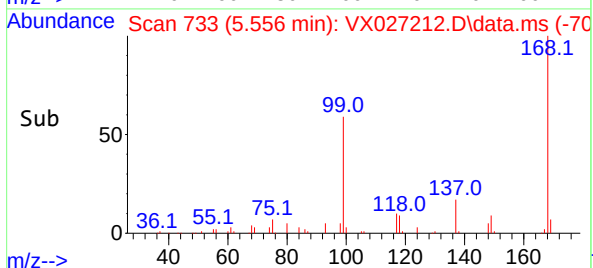
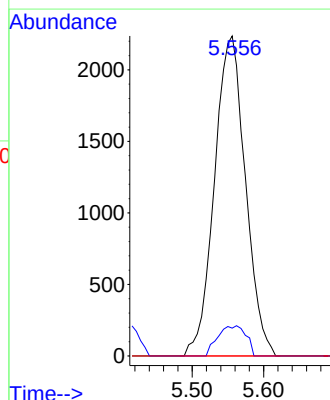
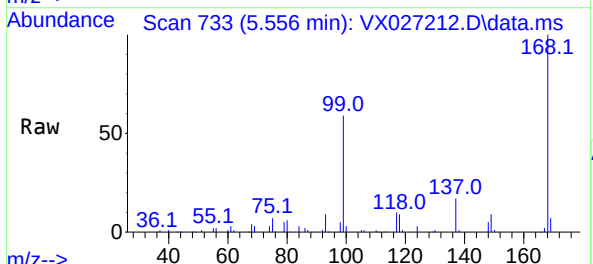
Instrument :
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OR-03-022422ME

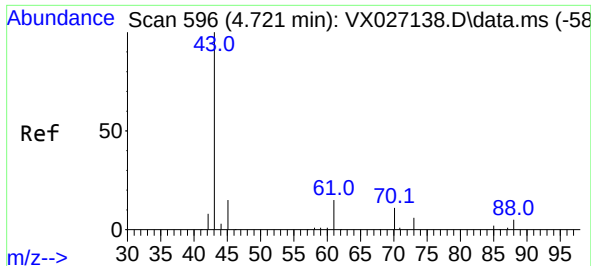
Tgt Ion:	113	Resp:	45168
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	19.9	15.0	22.4



#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion:	75	Resp:	6738
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.2	51.6#
77	0.0	24.6	36.8#





#37

Ethyl Acetate

Concen: 5.031 ug/l

RT: 4.605 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-022422ME

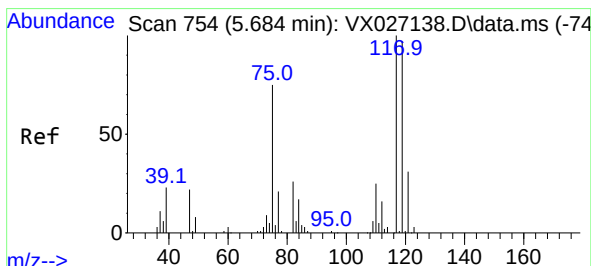
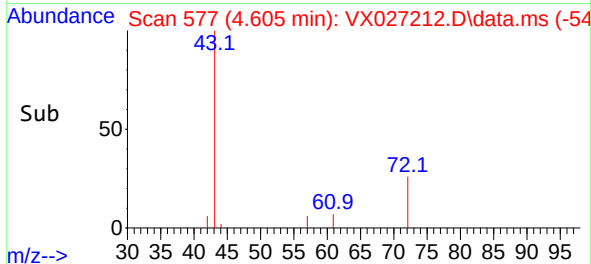
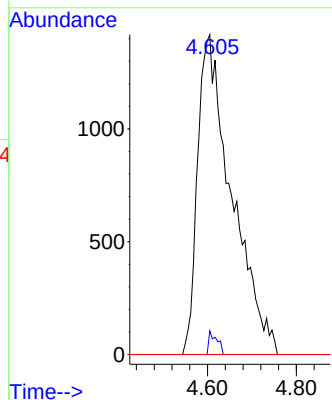
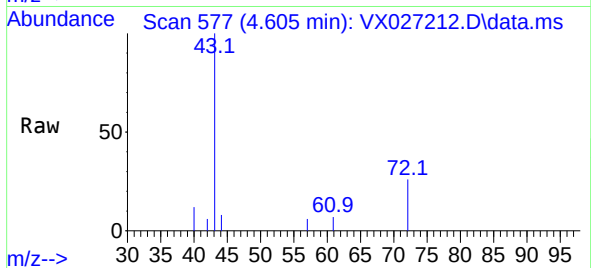
Tgt Ion: 43 Resp: 7552

Ion Ratio Lower Upper

43 100

61 1.8 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.268 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027212.D

Acq: 26 Feb 2022 01:04

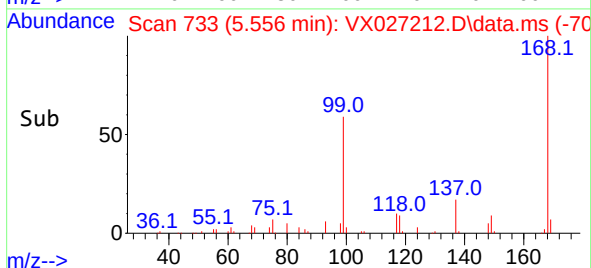
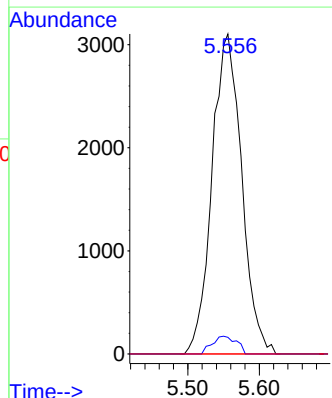
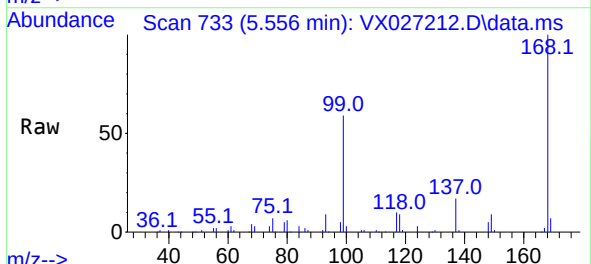
Tgt Ion: 117 Resp: 8937

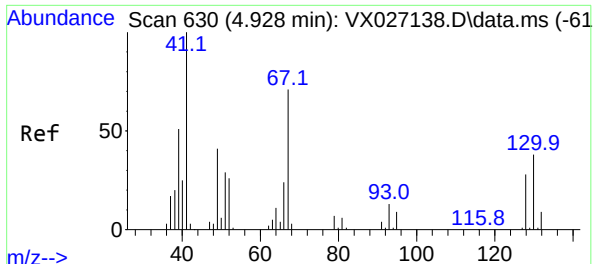
Ion Ratio Lower Upper

117 100

119 5.2 74.7 112.1#

121 0.0 25.4 38.0#

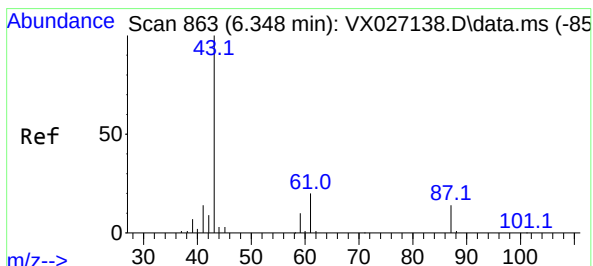
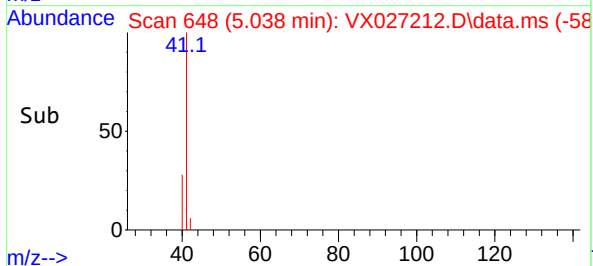
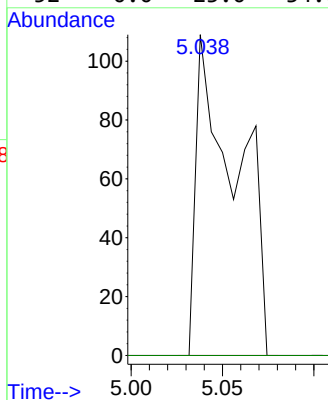
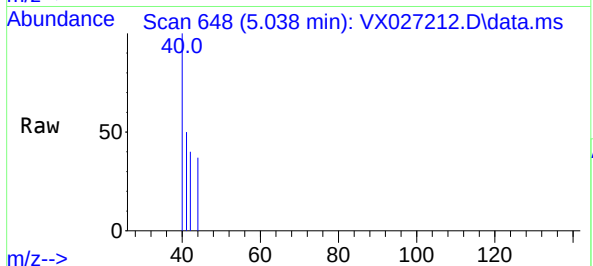




#41
Methacrylonitrile
Concen: 0.202 ug/l
RT: 5.038 min Scan# 641
Delta R.T. 0.110 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

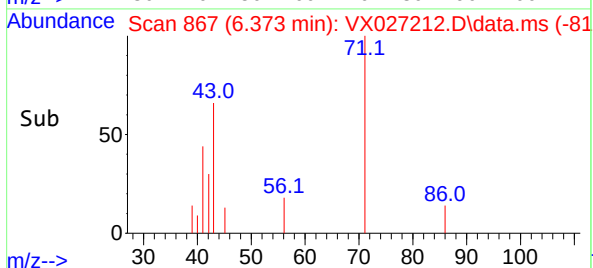
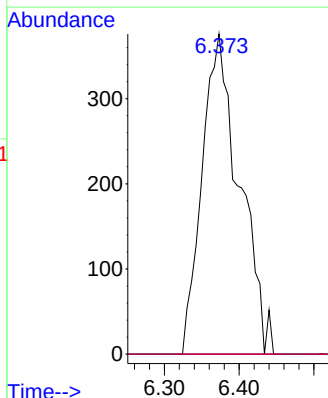
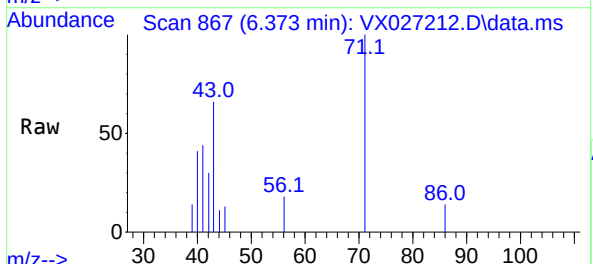
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

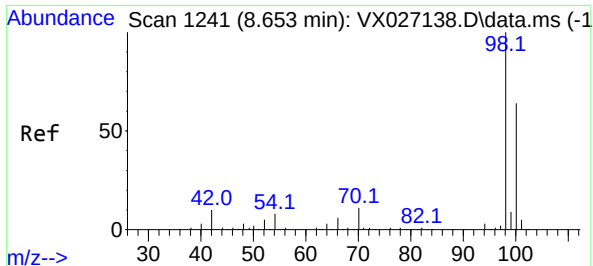
Tgt Ion: 41	Resp:	166
Ion	Ratio	Lower Upper
41	100	
39	0.0	45.4 68.0#
67	0.0	53.2 79.8#
52	0.0	23.0 34.6#



#43
Isopropyl Acetate
Concen: 0.565 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.025 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion: 43	Resp:	1305
Ion	Ratio	Lower Upper
43	100	
61	0.0	15.4 23.0#
87	0.0	10.2 15.2#

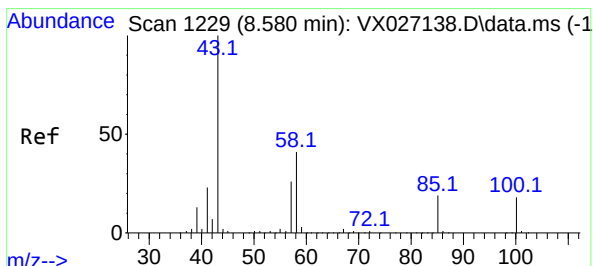
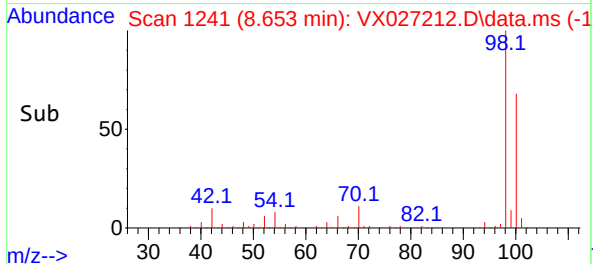
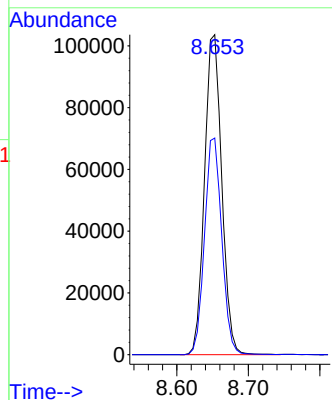
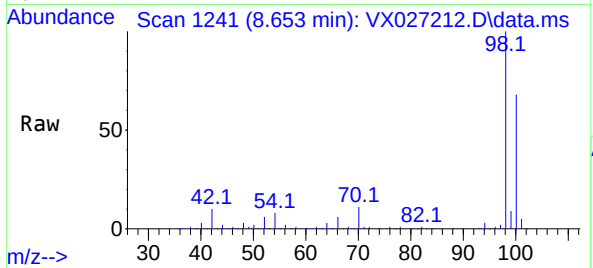




#50
Toluene-d8
Concen: 49.603 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

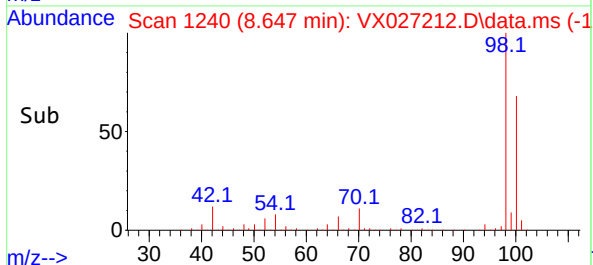
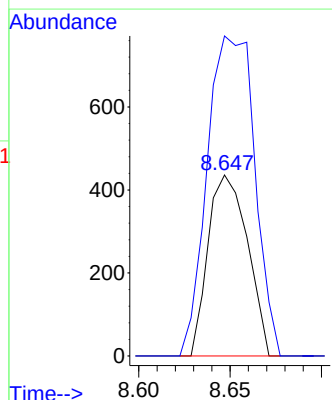
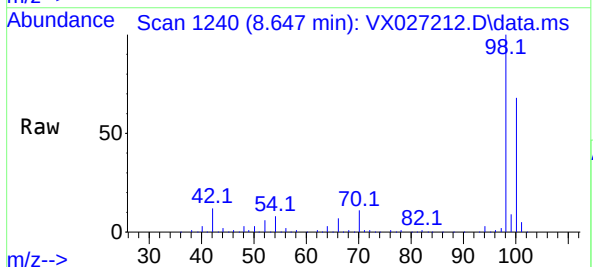
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

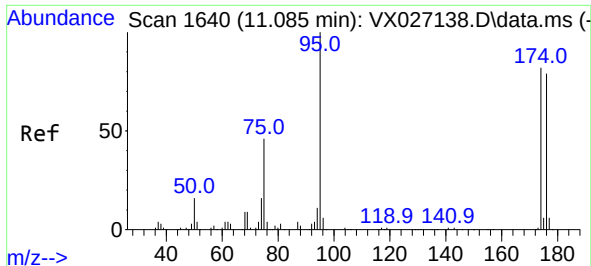
Tgt Ion: 98 Resp: 173741
Ion Ratio Lower Upper
98 100
100 67.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.436 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 213.0 30.5 45.7#

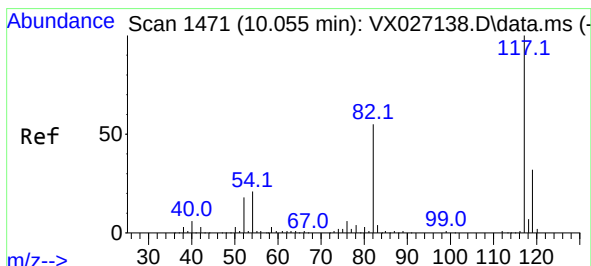
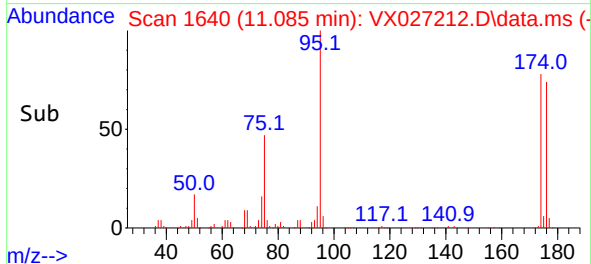
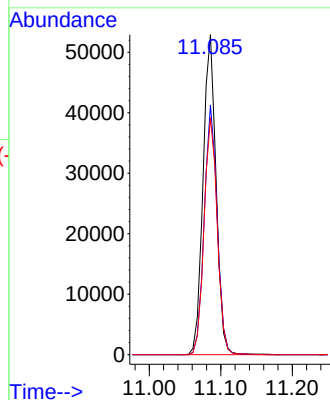
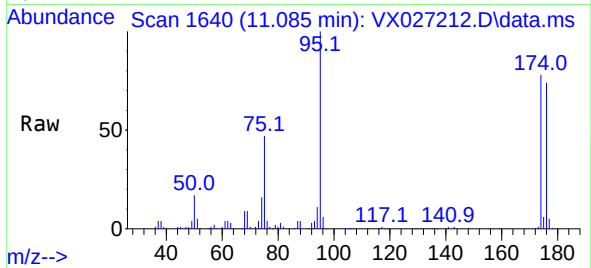




#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

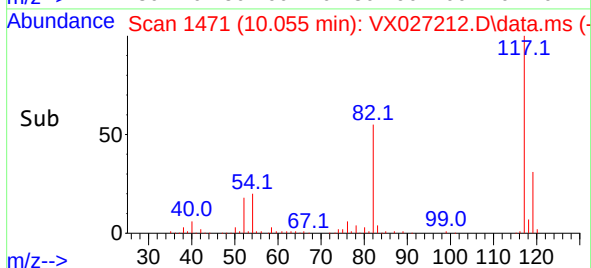
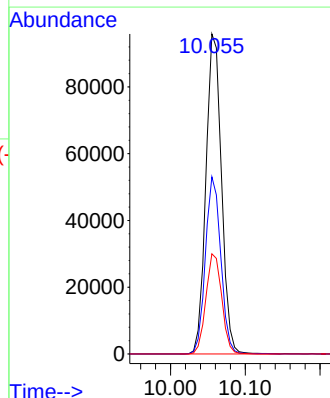
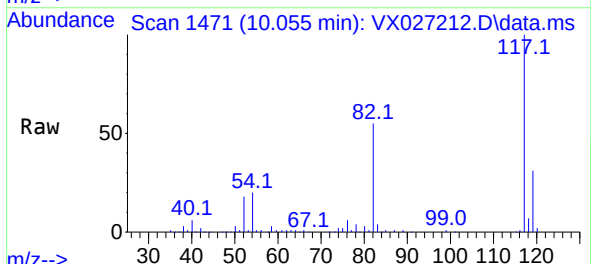
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

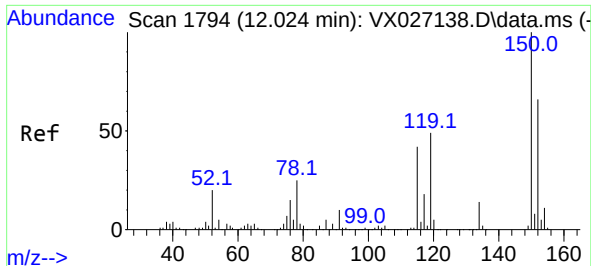
Tgt Ion: 95 Resp: 66793
Ion Ratio Lower Upper
95 100
174 77.6 0.0 148.6
176 74.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Tgt Ion: 117 Resp: 138577
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.3 26.2 39.2

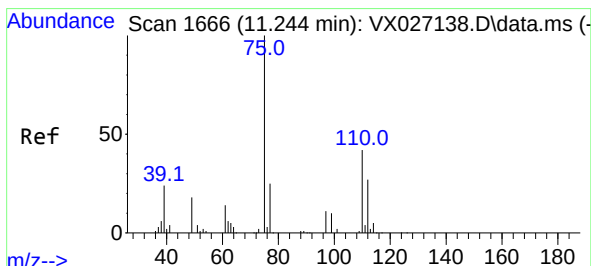
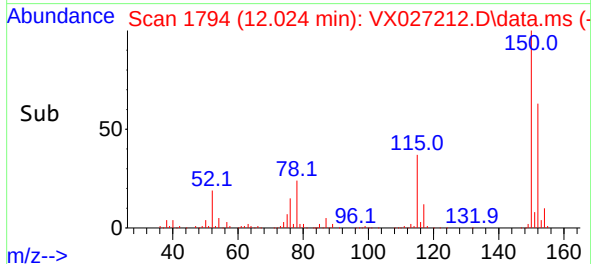
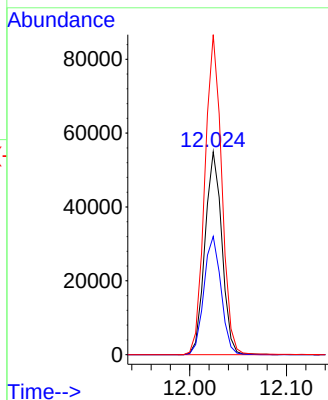
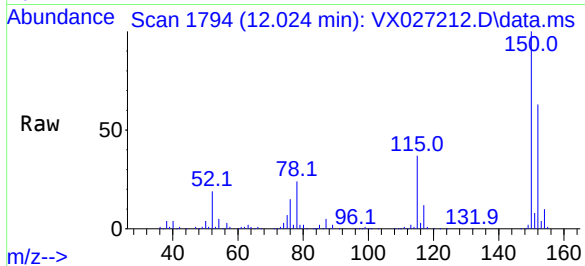




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

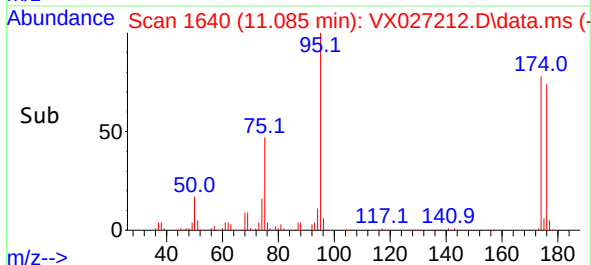
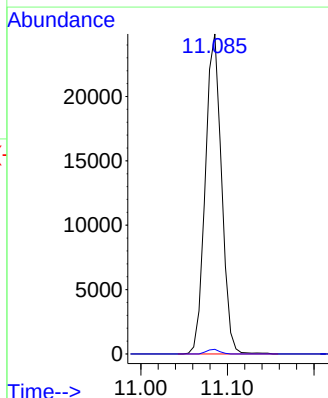
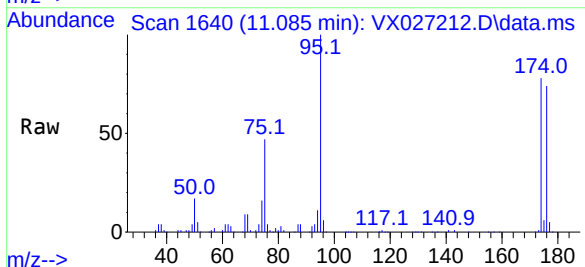
Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME

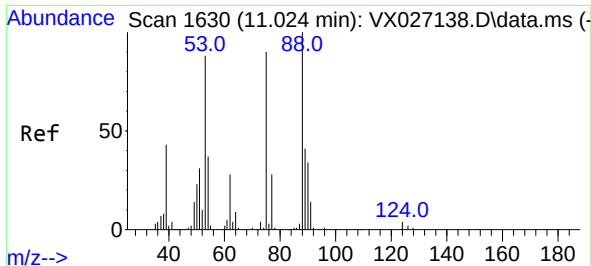
Tgt Ion:152 Resp: 66875
Ion Ratio Lower Upper
152 100
115 59.0 44.2 132.6
150 157.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

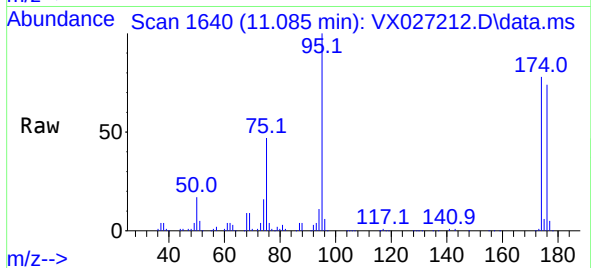
Tgt Ion: 75 Resp: 32322
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.159 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX027212.D
Acq: 26 Feb 2022 01:04

Instrument :
MSVOA_X
ClientSampleId :
OR-03-022422ME



Tgt Ion: 75 Resp: 32322
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

