

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026995.D
 Acq On : 12 Feb 2022 02:30
 Operator : JC/MD
 Sample : N1435-04
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-369

Quant Time: Feb 12 04:43:03 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

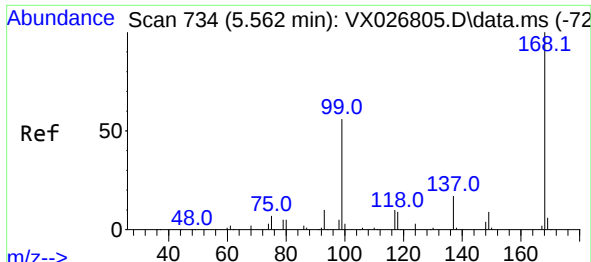
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	105685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	174487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	156607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	72714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66064	52.075	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.140%	
35) Dibromofluoromethane	5.397	113	52021	50.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	8.653	98	201211	52.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	11.085	95	75452	56.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	163	0.343	ug/l	94
6) Chloroethane	1.660	64	20	Below Cal	#	43
10) Methyl Iodide	2.441	142	247	2.411	ug/l #	90
11) Tert butyl alcohol	2.947	59	116	0.506	ug/l #	75
16) Acetone	2.422	43	240	0.431	ug/l #	46
18) Methyl Acetate	2.733	43	1197	0.747	ug/l #	73
29) Tetrahydrofuran	5.050	42	299	0.490	ug/l #	57
31) Cyclohexane	5.556	56	1942	0.963	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8161	4.976	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10758	6.256	ug/l #	16
41) Methacrylonitrile	5.056	41	210	0.208	ug/l #	41
43) Isopropyl Acetate	6.373	43	1187	0.414	ug/l #	62
51) 4-Methyl-2-Pentanone	8.653	43	870	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	37290	23.427	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	37290	71.672	ug/l #	3

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

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Response via : Initial Calibration

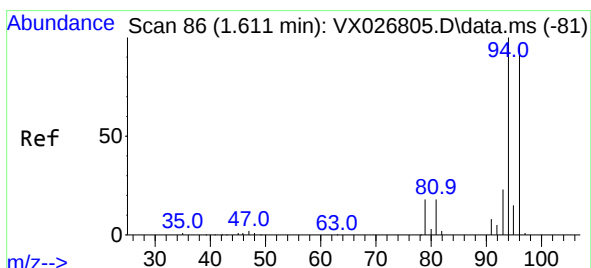
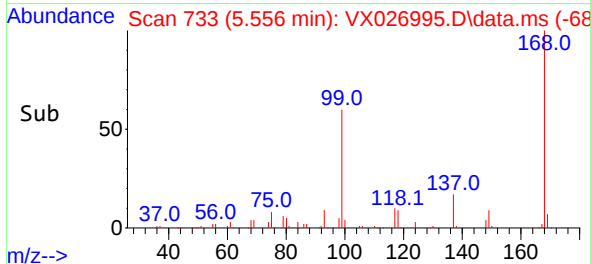
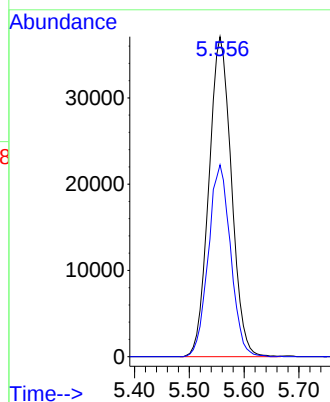
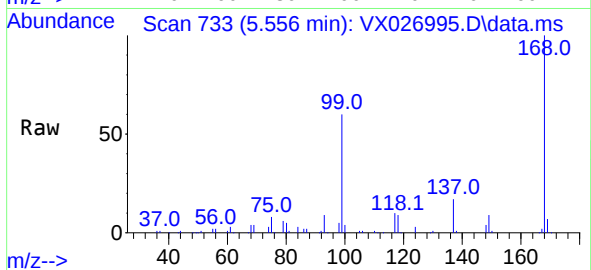




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

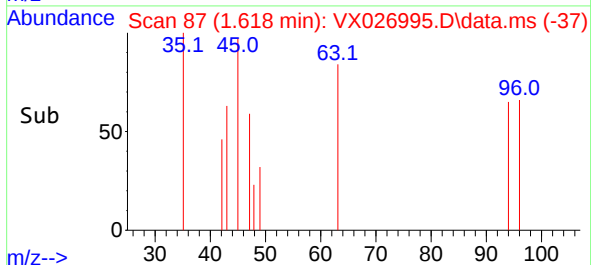
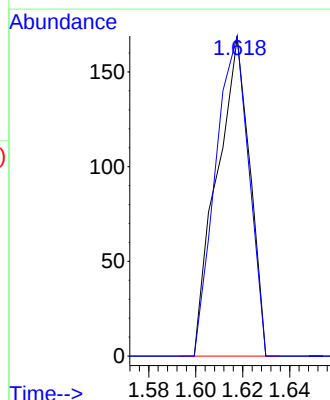
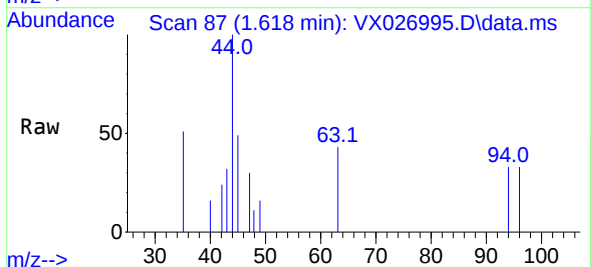
Instrument :
MSVOA_X
ClientSampleId :
RO-369

Tgt Ion:168 Resp: 105685
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5

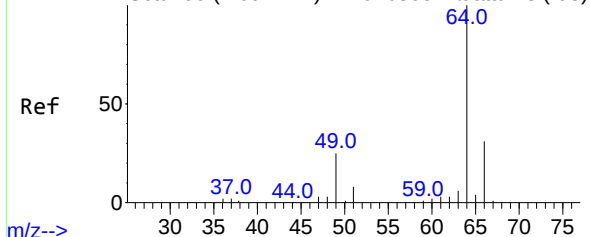


#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 100.6 75.9 113.9



Abundance Scan 99 (1.691 min): VX026805.D\data.ms (-93)

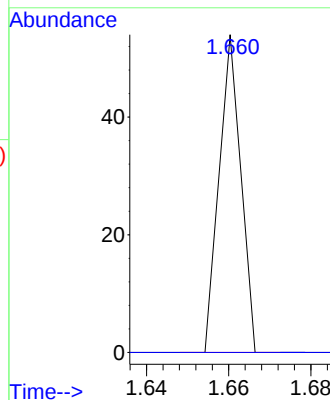
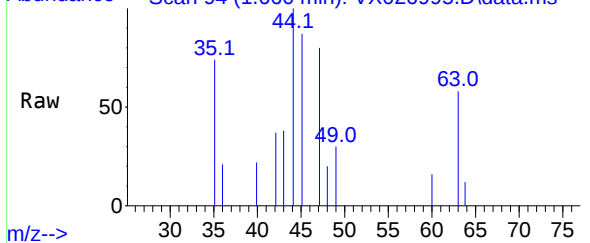


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.031 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

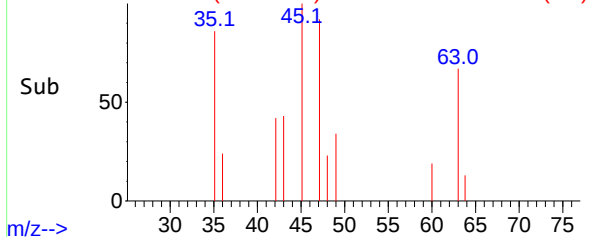
Instrument :
MSVOA_X
ClientSampleId :
RO-369

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

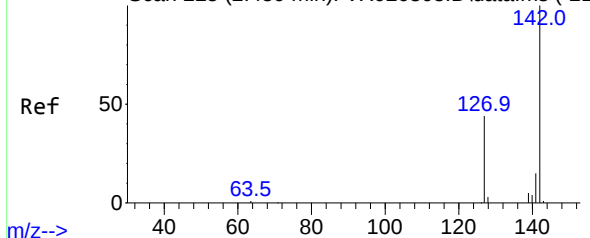
Abundance Scan 94 (1.660 min): VX026995.D\data.ms



Abundance Scan 94 (1.660 min): VX026995.D\data.ms (-50)



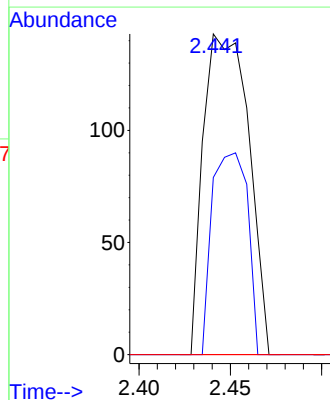
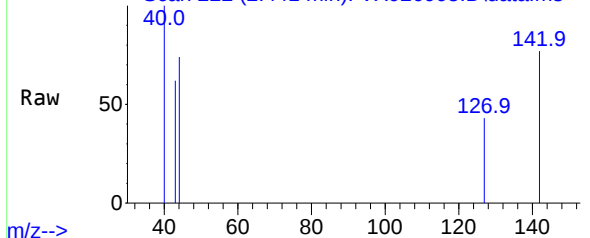
Abundance Scan 225 (2.459 min): VX026805.D\data.ms (-21)



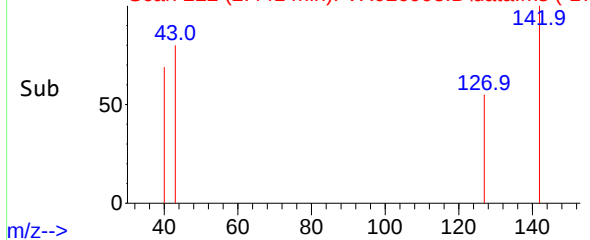
#10
Methyl Iodide
Concen: 2.411 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.018 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

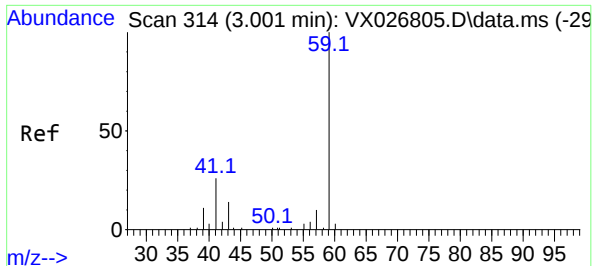
Tgt Ion: 142 Resp: 247
Ion Ratio Lower Upper
142 100
127 49.4 38.1 57.1
141 0.0 11.2 16.8#

Abundance Scan 222 (2.441 min): VX026995.D\data.ms



Abundance Scan 222 (2.441 min): VX026995.D\data.ms (-17)

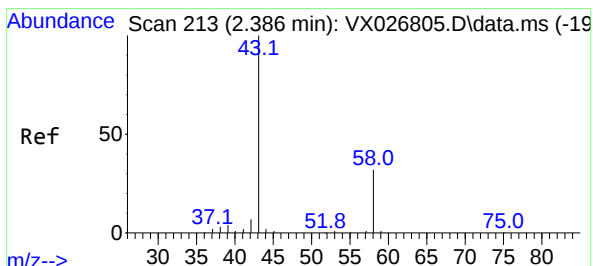
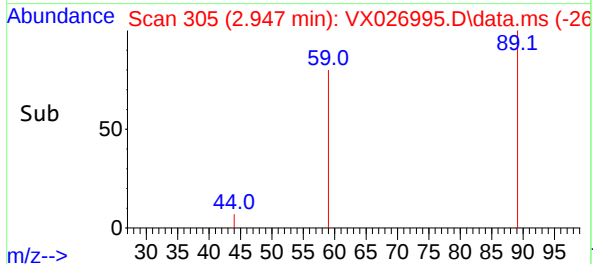
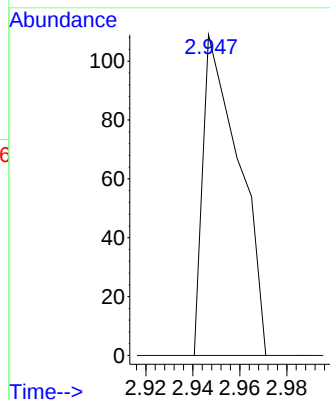
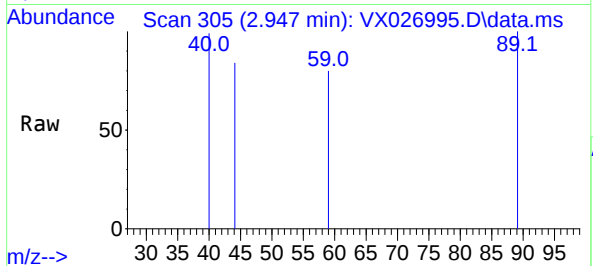




#11
Tert butyl alcohol
Concen: 0.506 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.054 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

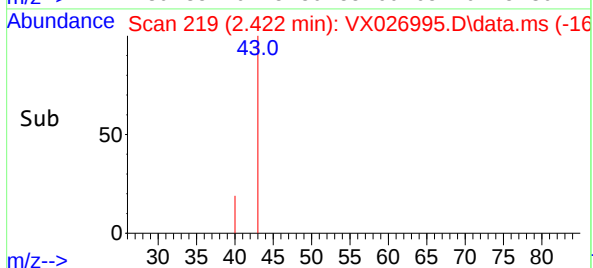
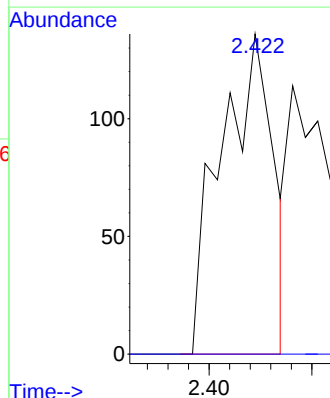
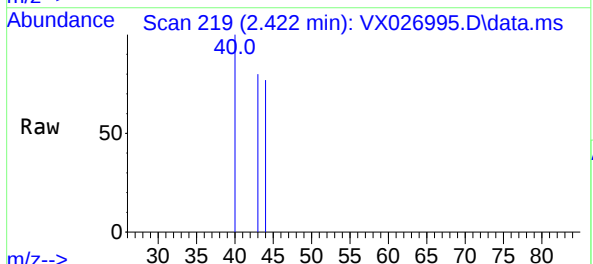
Instrument :
MSVOA_X
ClientSampleId :
RO-369

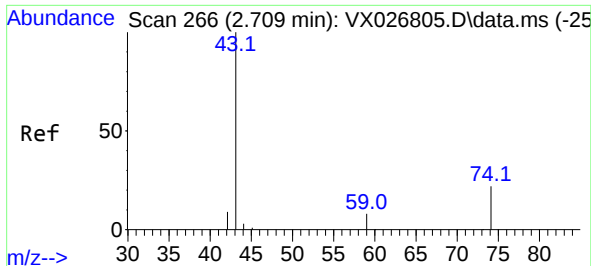
Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 0.431 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.037 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#





#18

Methyl Acetate

Concen: 0.747 ug/l

RT: 2.733 min Scan# 21

Delta R.T. 0.025 min

Lab File: VX026995.D

Acq: 12 Feb 2022 02:30

Instrument :

MSVOA_X

ClientSampleId :

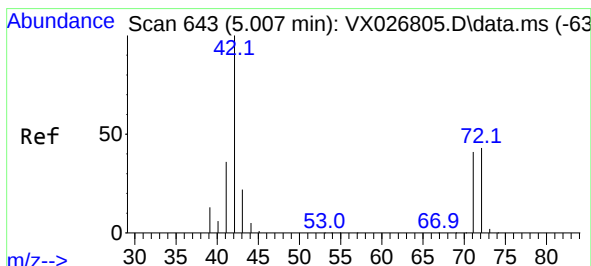
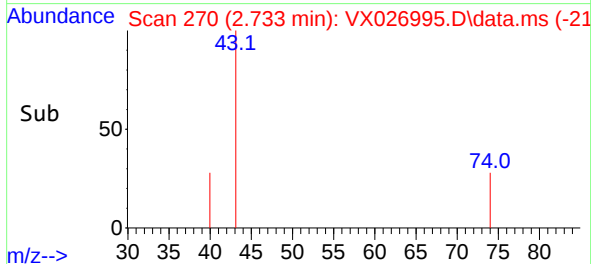
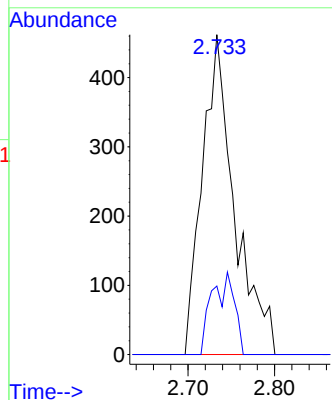
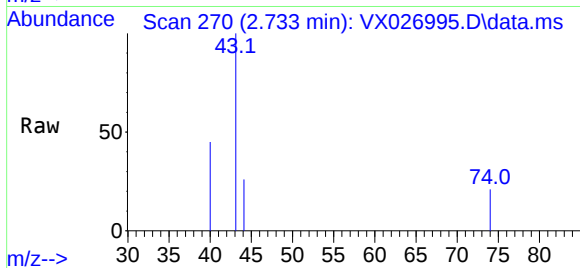
RO-369

Tgt Ion: 43 Resp: 1197

Ion Ratio Lower Upper

43 100

74 9.9 18.3 27.5#



#29

Tetrahydrofuran

Concen: 0.490 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX026995.D

Acq: 12 Feb 2022 02:30

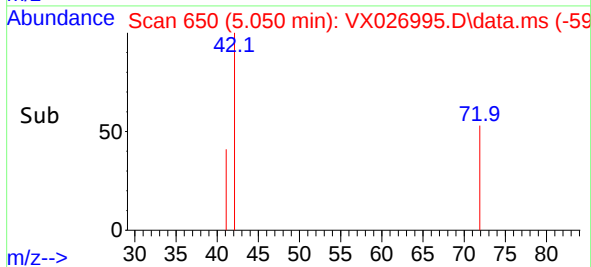
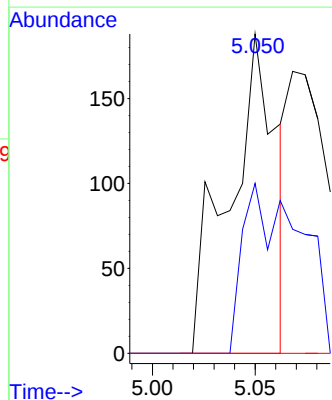
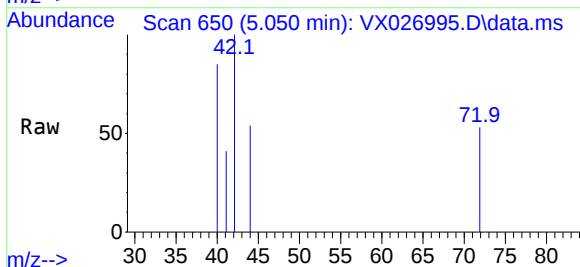
Tgt Ion: 42 Resp: 299

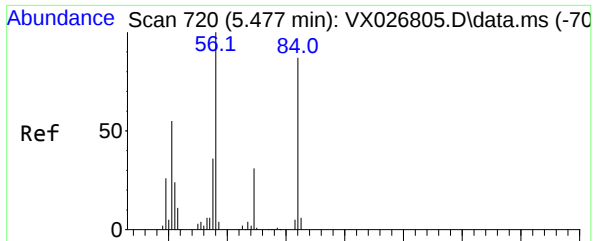
Ion Ratio Lower Upper

42 100

72 28.8 34.6 52.0#

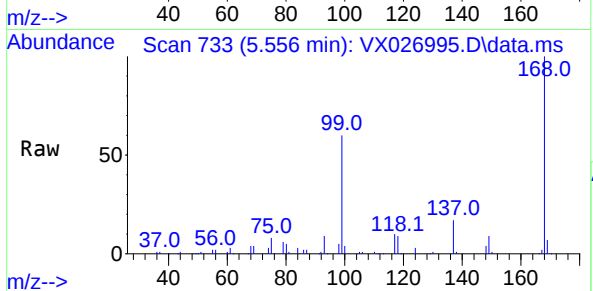
71 0.0 31.8 47.8#



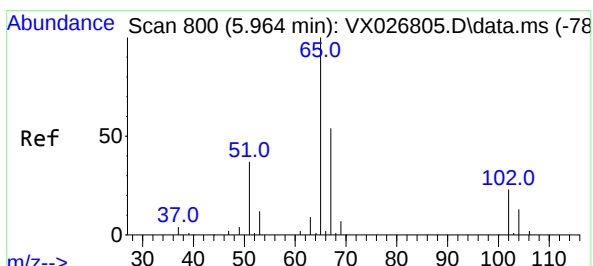
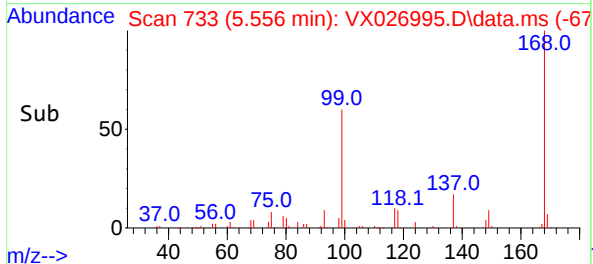
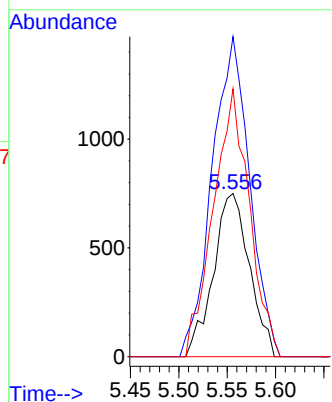


#31
Cyclohexane
Concen: 0.963 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Instrument :
MSVOA_X
ClientSampleId :
RO-369

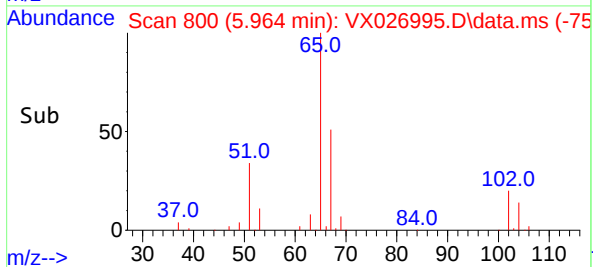
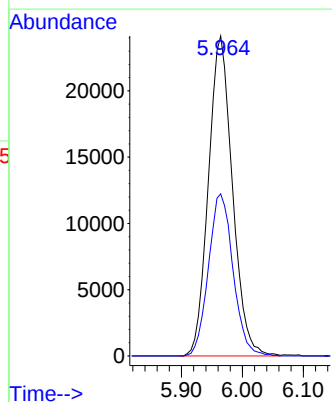
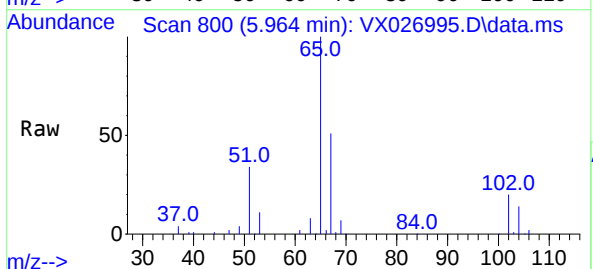


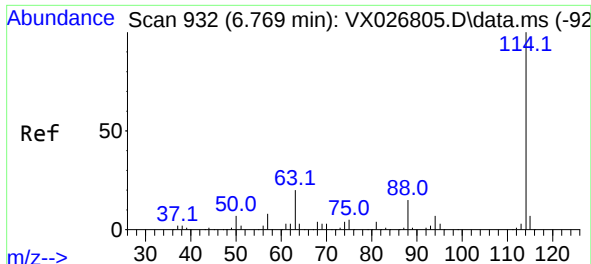
Tgt Ion: 56 Resp: 1942
Ion Ratio Lower Upper
56 100
69 196.1 25.8 38.6#
84 164.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.075 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 65 Resp: 66064
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX026995.D

Acq: 12 Feb 2022 02:30

Instrument :

MSVOA_X

ClientSampleId :

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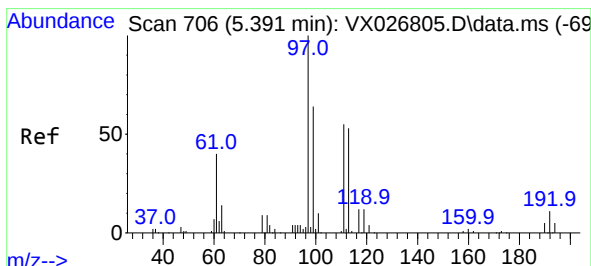
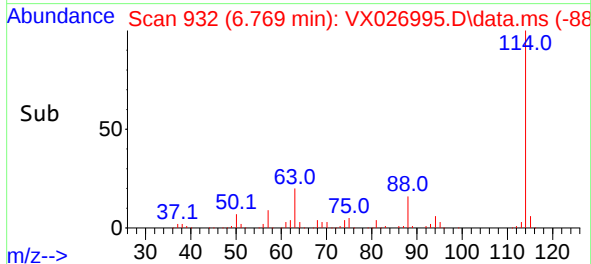
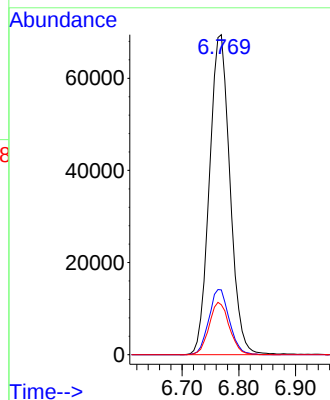
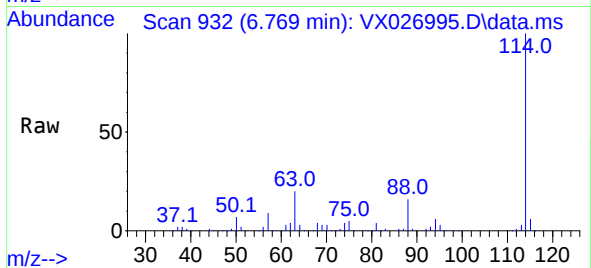
Tgt Ion:114 Resp: 174487

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 15.6 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.042 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX026995.D

Acq: 12 Feb 2022 02:30

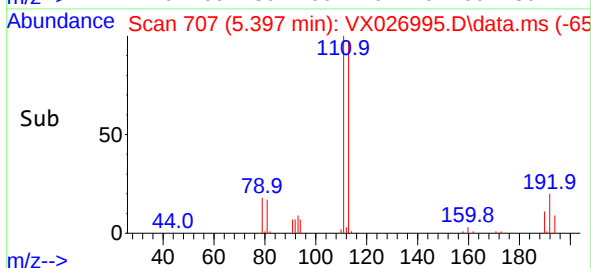
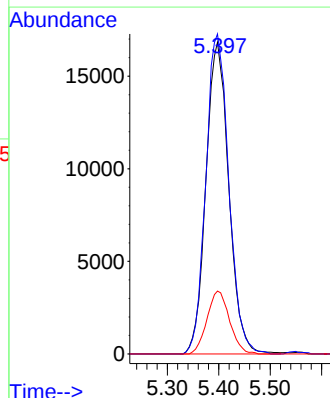
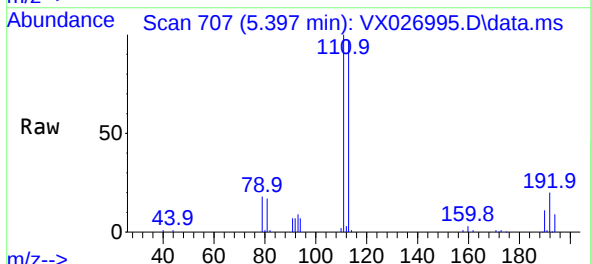
Tgt Ion:113 Resp: 52021

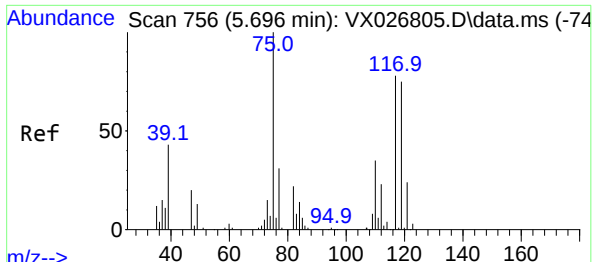
Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 19.9 15.0 22.4

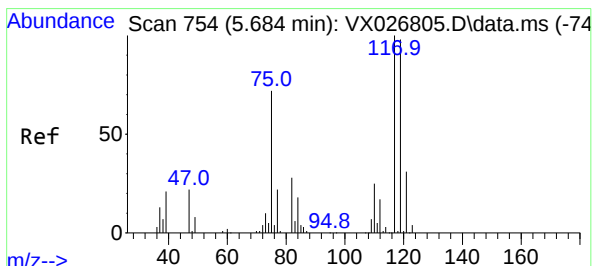
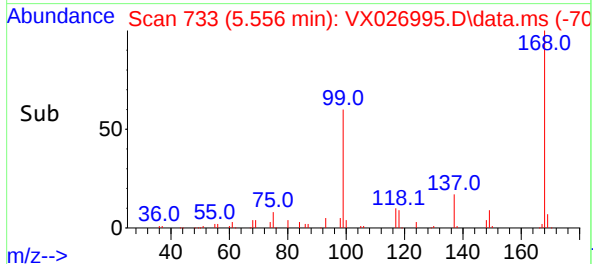
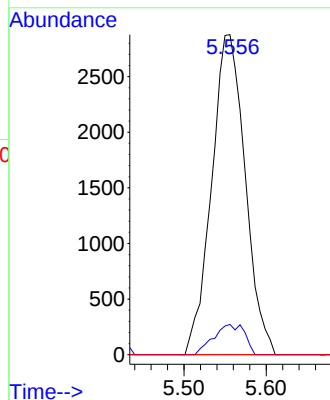
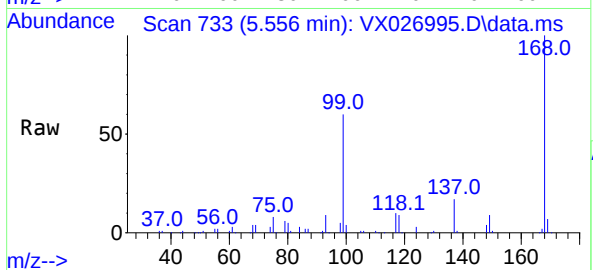




#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

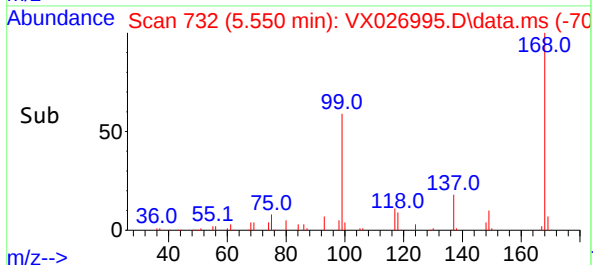
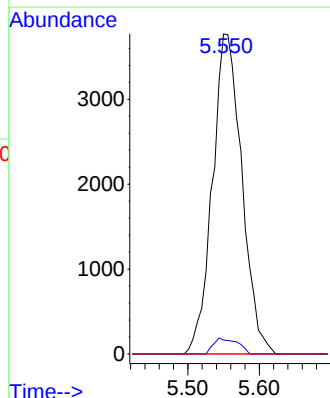
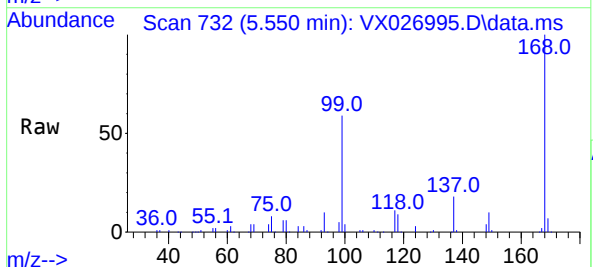
Instrument :
MSVOA_X
ClientSampleId :
RO-369

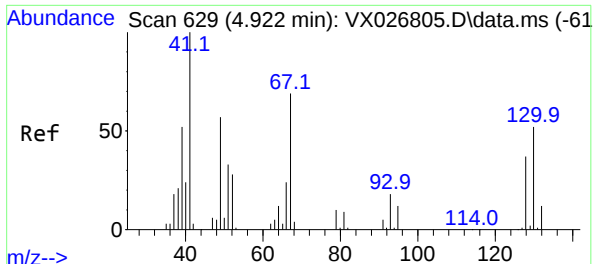
Tgt Ion: 75 Resp: 8161
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 117 Resp: 10758
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



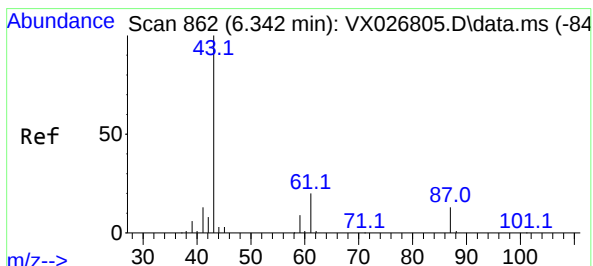
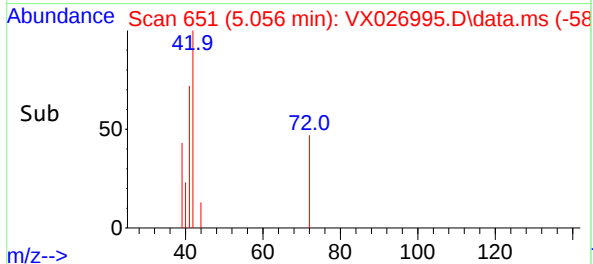
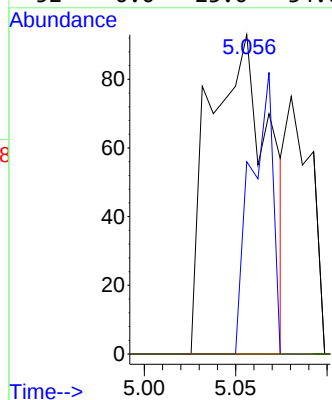
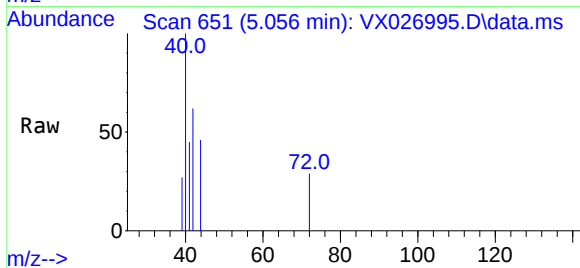


#41
Methacrylonitrile
Concen: 0.208 ug/l
RT: 5.056 min Scan# 61
Delta R.T. 0.134 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Instrument :
MSVOA_X
ClientSampleId :
RO-369

Tgt Ion: 41 Resp: 210

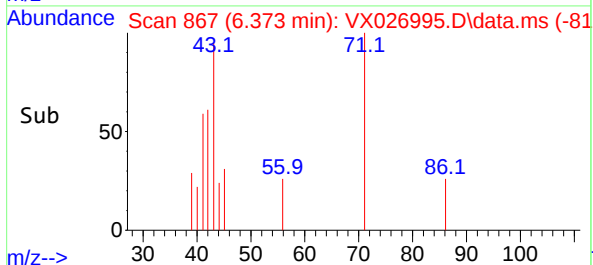
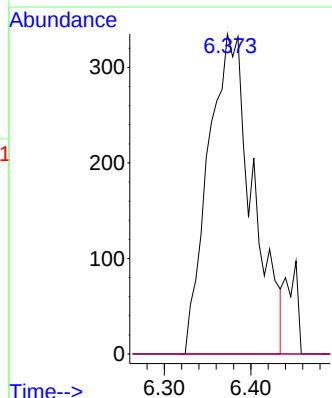
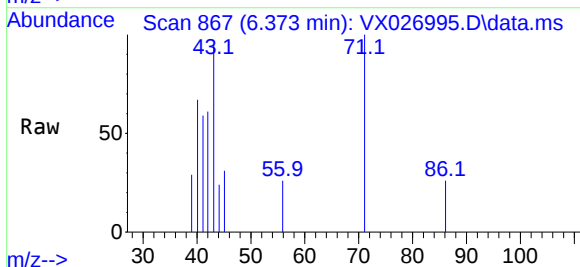
Ion	Ratio	Lower	Upper
41	100		
39	32.9	45.4	68.0#
67	0.0	53.2	79.8#
52	0.0	23.0	34.6#

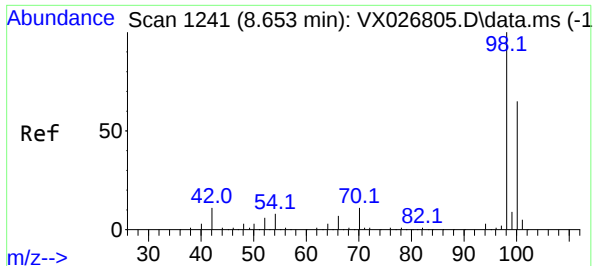


#43
Isopropyl Acetate
Concen: 0.414 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.031 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.2	15.2#





#50

Toluene-d8

Concen: 52.729 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026995.D

Acq: 12 Feb 2022 02:30

Instrument :

MSVOA_X

ClientSampleId :

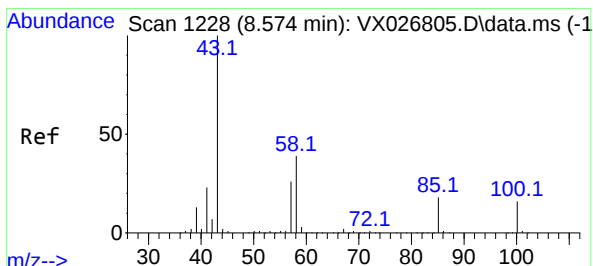
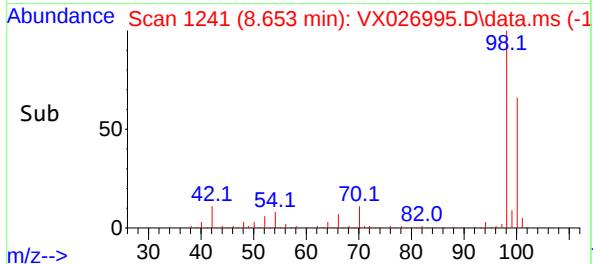
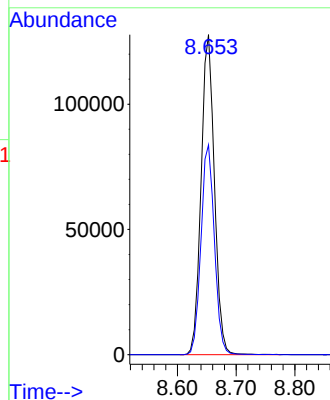
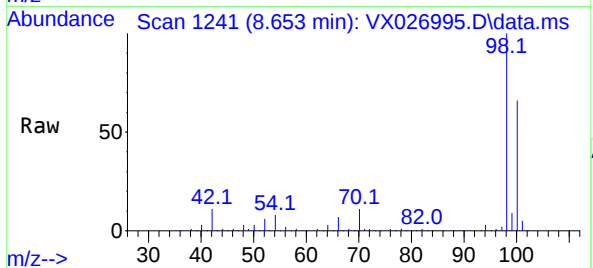
RO-369

Tgt Ion: 98 Resp: 201211

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026995.D

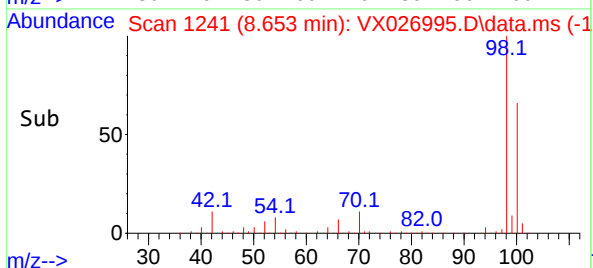
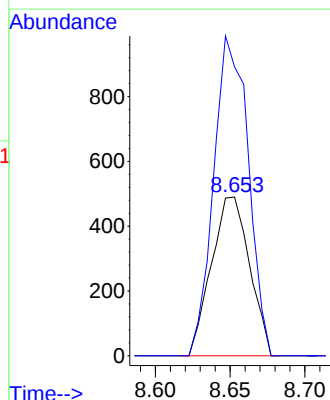
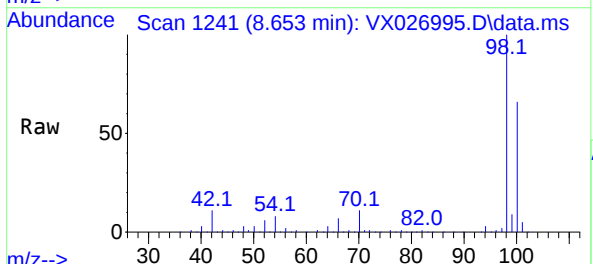
Acq: 12 Feb 2022 02:30

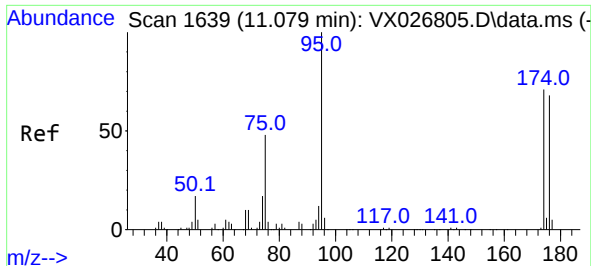
Tgt Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

58 182.4 30.5 45.7#

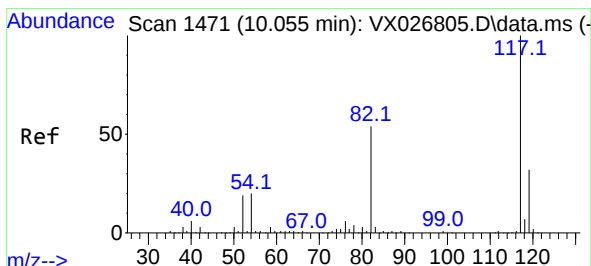
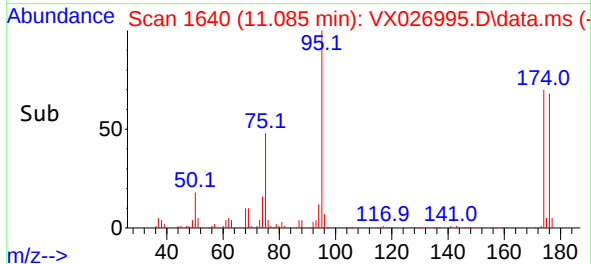
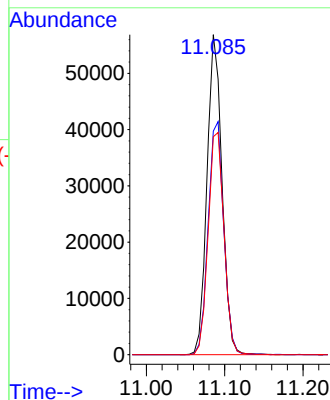
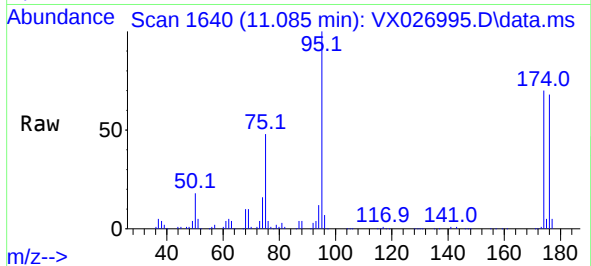




#62
4-Bromofluorobenzene
Concen: 56.162 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

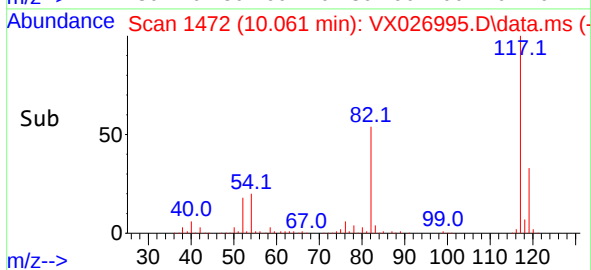
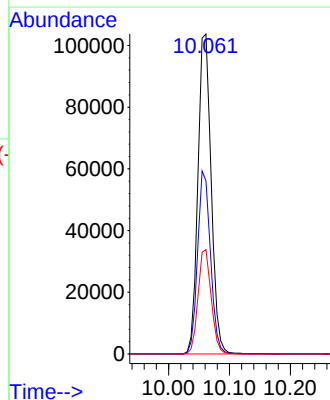
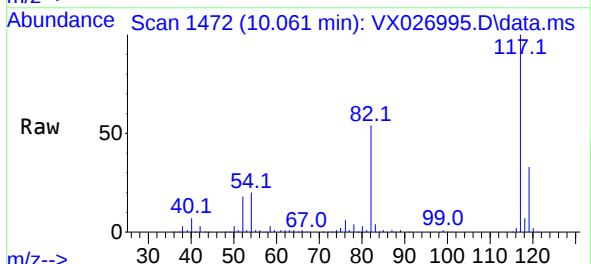
Instrument :
MSVOA_X
ClientSampleId :
RO-369

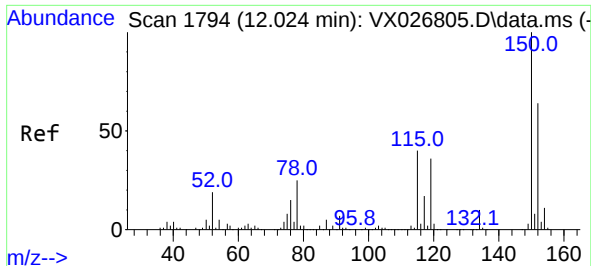
Tgt Ion: 95 Resp: 75452
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Tgt Ion: 117 Resp: 156607
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 32.6 26.2 39.2

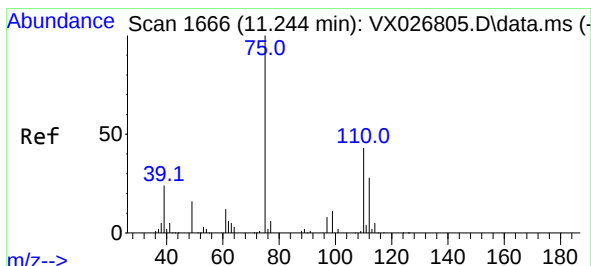
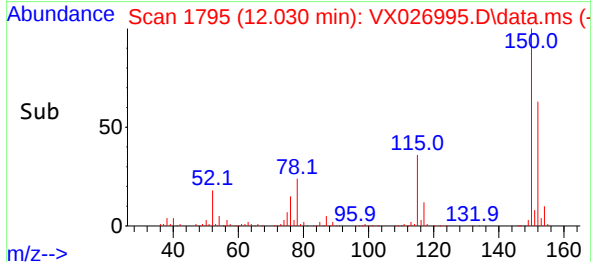
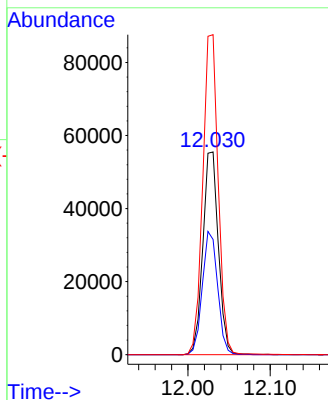
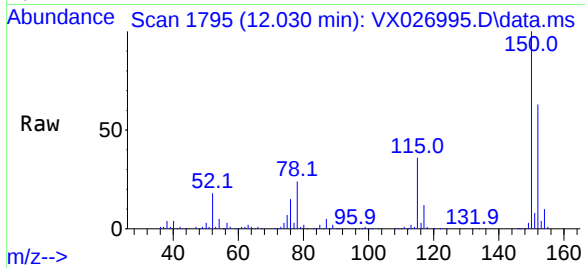




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.030 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026995.D
 Acq: 12 Feb 2022 02:30

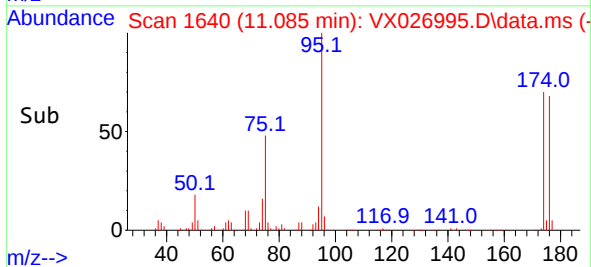
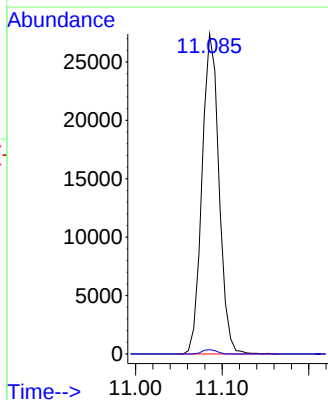
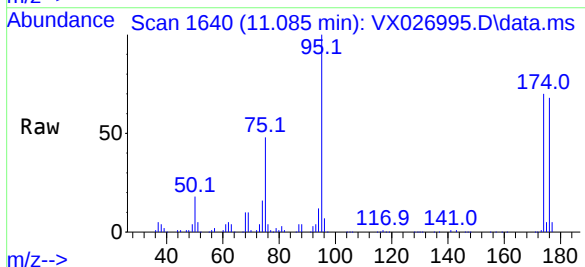
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-369

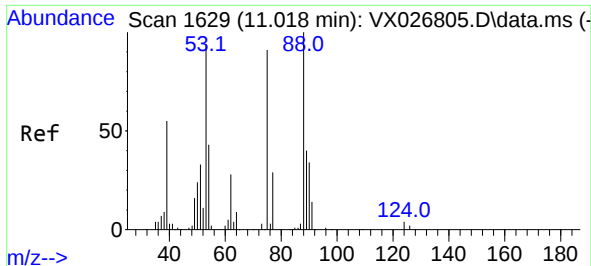
Tgt Ion:152 Resp: 72714
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.2 132.6
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 23.427 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX026995.D
 Acq: 12 Feb 2022 02:30

Tgt Ion: 75 Resp: 37290
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.672 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX026995.D
Acq: 12 Feb 2022 02:30

Instrument :
MSVOA_X
ClientSampleId :
RO-369

Tgt Ion: 75 Resp: 37290
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

