

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026994.D
 Acq On : 12 Feb 2022 02:07
 Operator : JC/MD
 Sample : N1435-02
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-349

Quant Time: Feb 12 04:42:44 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)

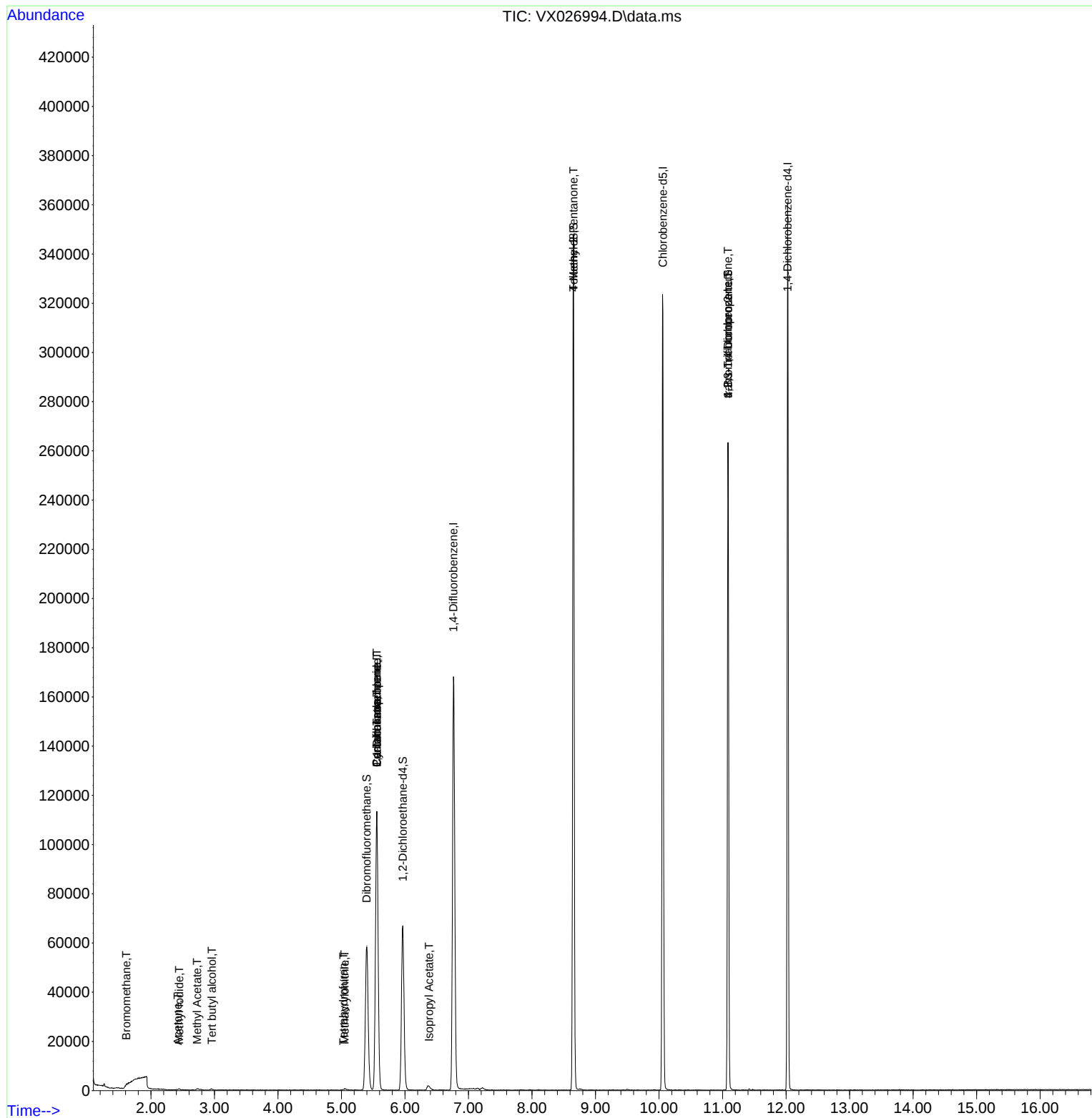
Internal Standards						
1) Pentafluorobenzene	5.556	168	109377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	162539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68617	52.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.520%	
35) Dibromofluoromethane	5.397	113	55240	51.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.340%	
50) Toluene-d8	8.653	98	208082	52.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.085	95	79305	56.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	187	0.380	ug/l #	78
6) Chloroethane	1.721	64	59	Below Cal	#	43
10) Methyl Iodide	2.447	142	349	2.469	ug/l #	89
11) Tert butyl alcohol	2.959	59	260	1.096	ug/l #	75
16) Acetone	2.422	43	482	0.836	ug/l #	46
18) Methyl Acetate	2.727	43	1285	0.774	ug/l #	53
29) Tetrahydrofuran	5.031	42	367	0.581	ug/l #	34
31) Cyclohexane	5.556	56	2185	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8288	4.866	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11011	6.165	ug/l #	17
41) Methacrylonitrile	5.050	41	265	0.253	ug/l #	25
43) Isopropyl Acetate	6.379	43	1320	0.443	ug/l #	62
51) 4-Methyl-2-Pentanone	8.653	43	947	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	39056	23.227	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	39056	71.088	ug/l #	3

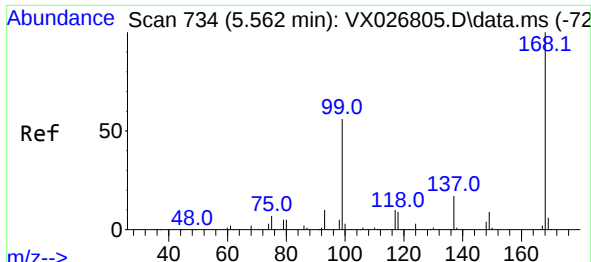
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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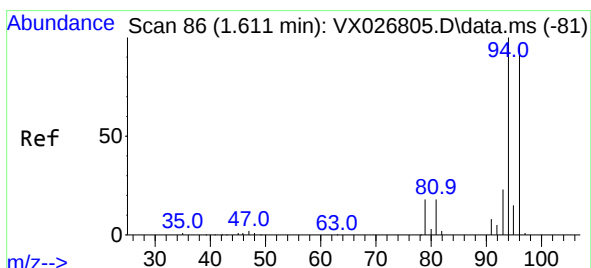
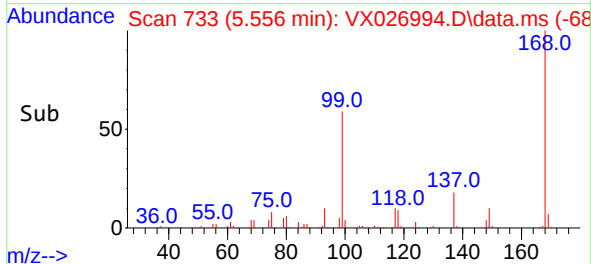
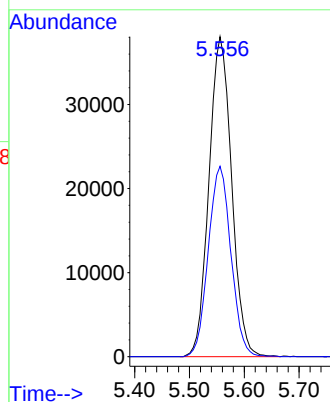
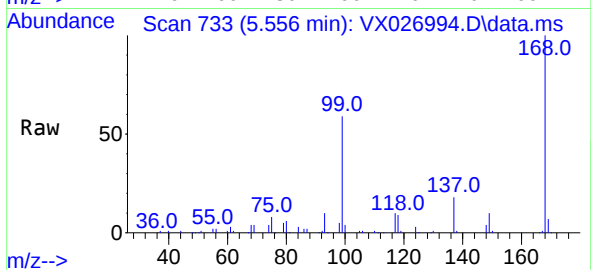




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

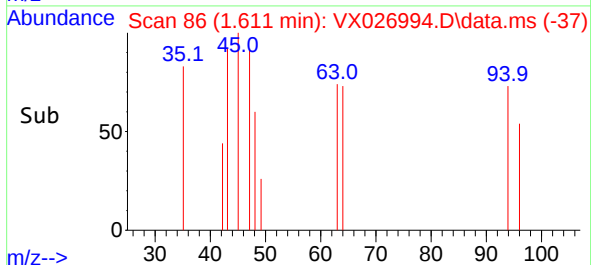
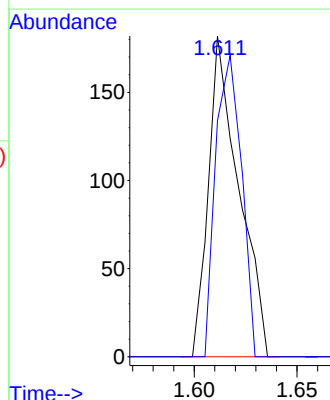
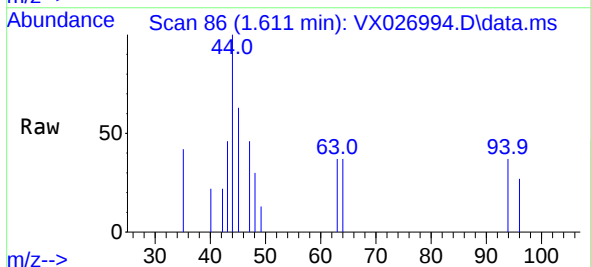
Instrument :
MSVOA_X
ClientSampleId :
RO-349

Tgt Ion:168 Resp: 109377
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5

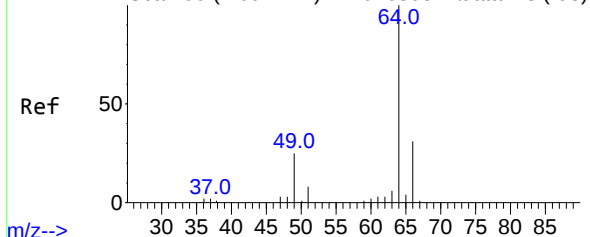


#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 73.6 75.9 113.9#



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



#6

Chloroethane

Concen: Below Cal

RT: 1.721 min Scan# 104

Delta R.T. 0.030 min

Lab File: VX026994.D

Acq: 12 Feb 2022 02:07

Instrument :

MSVOA_X

ClientSampleId :

RO-349

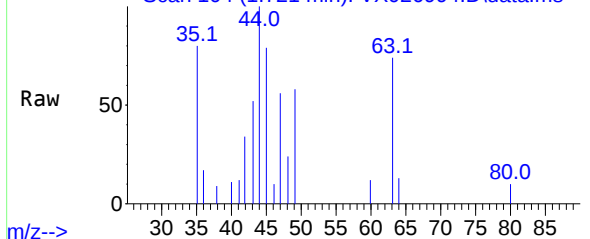
Tgt Ion: 64 Resp: 59

Ion Ratio Lower Upper

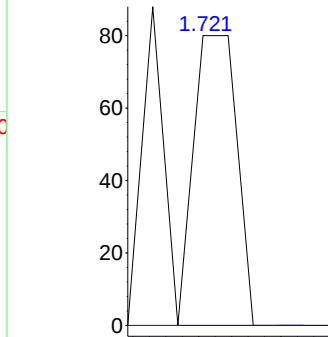
64 100

66 0.0 25.4 38.2#

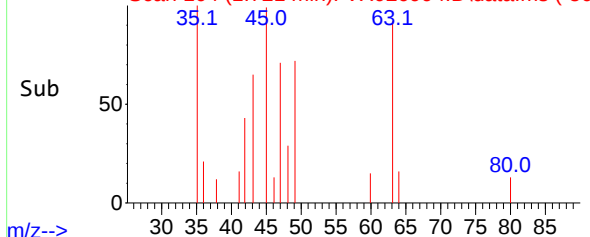
Abundance Scan 104 (1.721 min): VX026994.D\data.ms



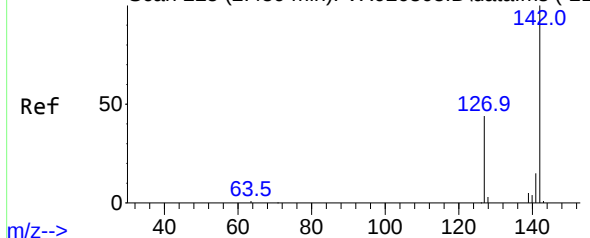
Abundance



Abundance Scan 104 (1.721 min): VX026994.D\data.ms (-50)



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



#10

Methyl Iodide

Concen: 2.469 ug/l

RT: 2.447 min Scan# 223

Delta R.T. -0.012 min

Lab File: VX026994.D

Acq: 12 Feb 2022 02:07

Tgt Ion: 142 Resp: 349

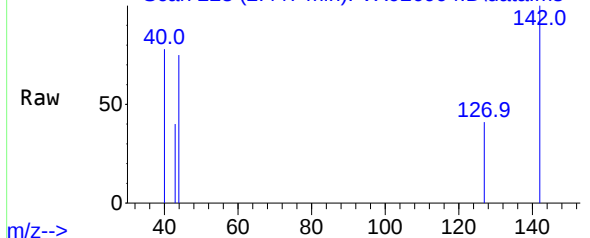
Ion Ratio Lower Upper

142 100

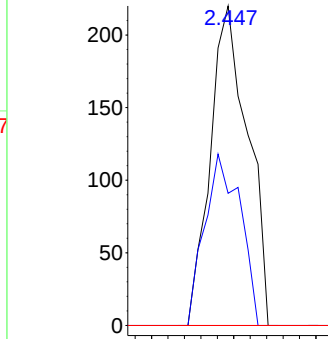
127 50.7 38.1 57.1

141 0.0 11.2 16.8#

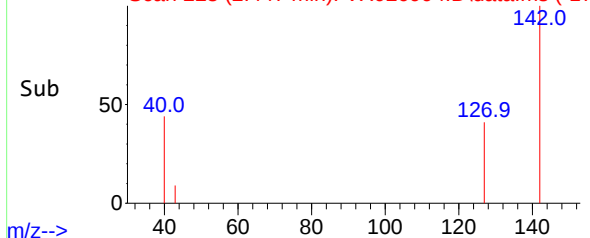
Abundance Scan 223 (2.447 min): VX026994.D\data.ms

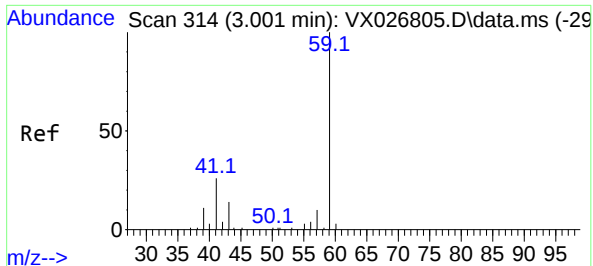


Abundance



Abundance Scan 223 (2.447 min): VX026994.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: 1.096 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.042 min

Lab File: VX026994.D

Acq: 12 Feb 2022 02:07

Instrument :

MSVOA_X

ClientSampleId :

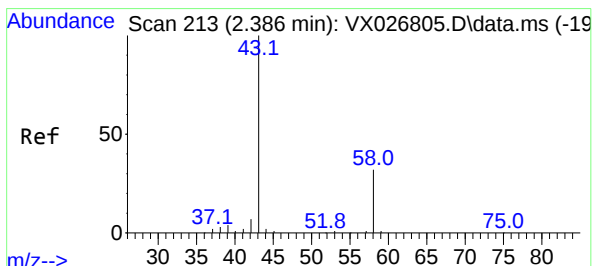
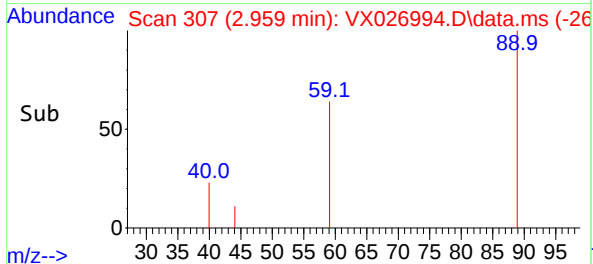
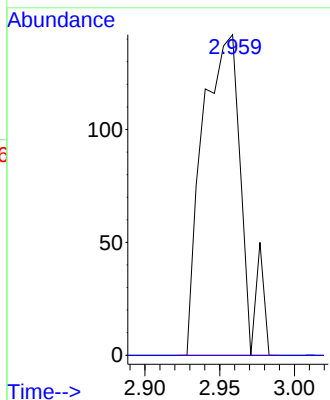
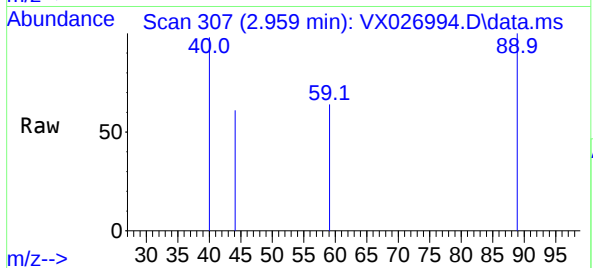
RO-349

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 0.836 ug/l

RT: 2.422 min Scan# 219

Delta R.T. 0.037 min

Lab File: VX026994.D

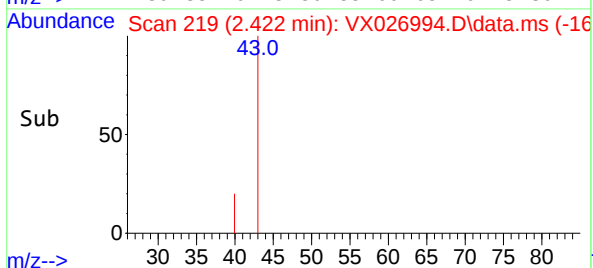
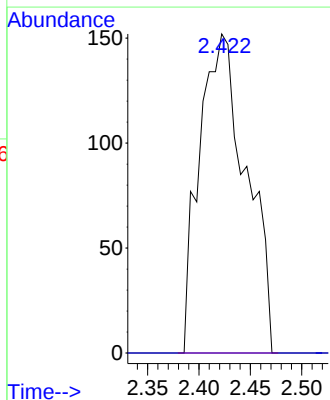
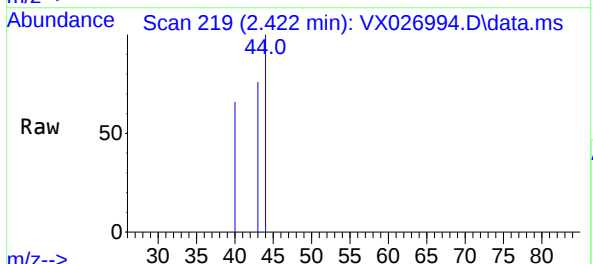
Acq: 12 Feb 2022 02:07

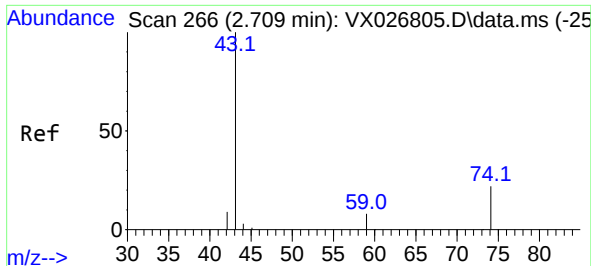
Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.6#

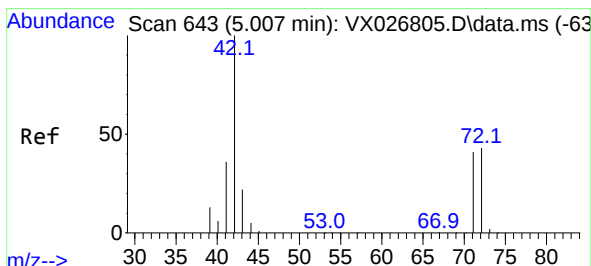
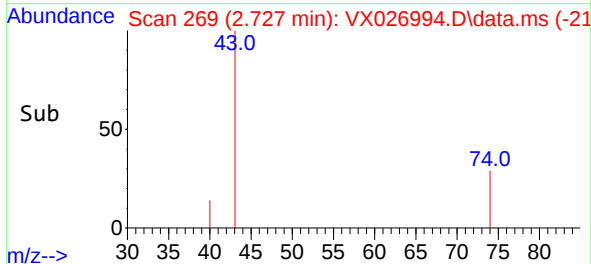
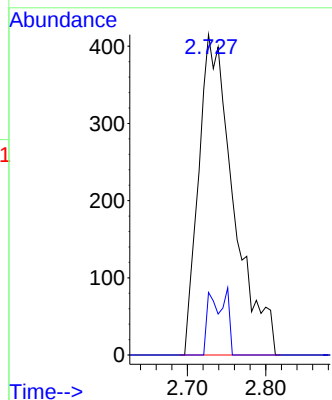
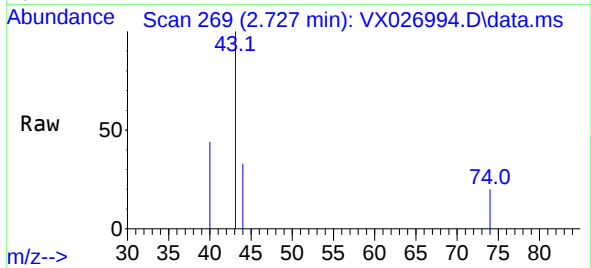




#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 2.727 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

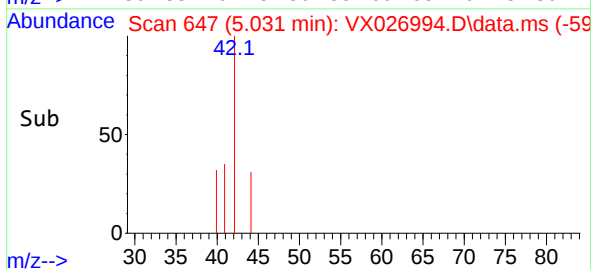
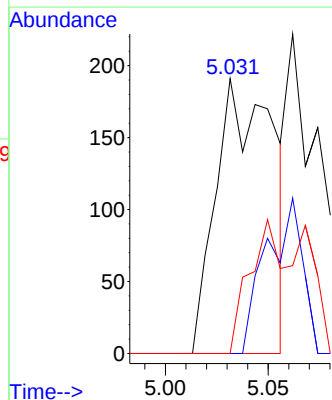
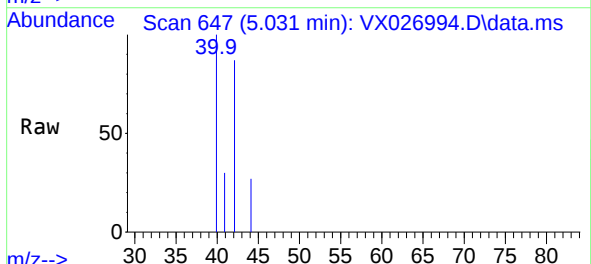
Instrument :
MSVOA_X
ClientSampleId :
RO-349

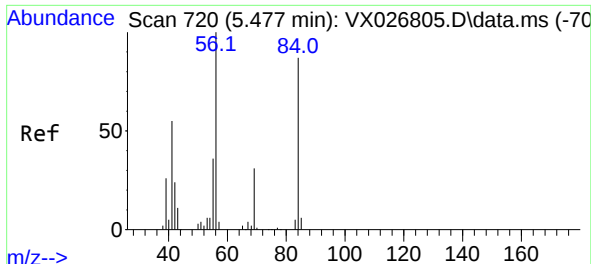
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#29
Tetrahydrofuran
Concen: 0.581 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

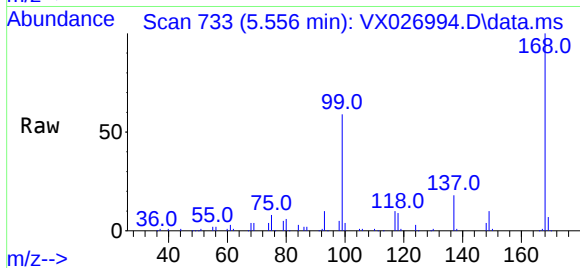
Tgt Ion: 42 Resp: 367
Ion Ratio Lower Upper
42 100
72 0.0 34.6 52.0#
71 0.0 31.8 47.8#



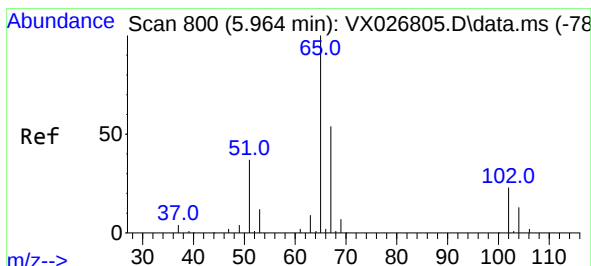
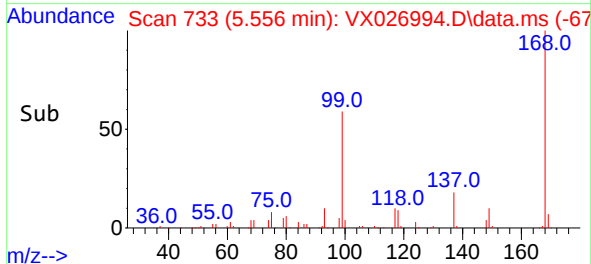
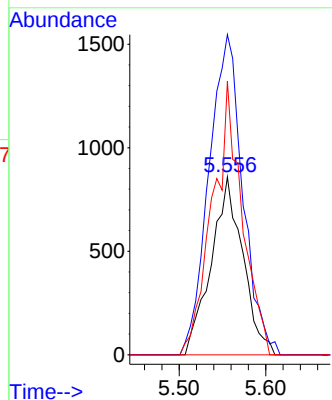


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Instrument :
MSVOA_X
ClientSampleId :
RO-349

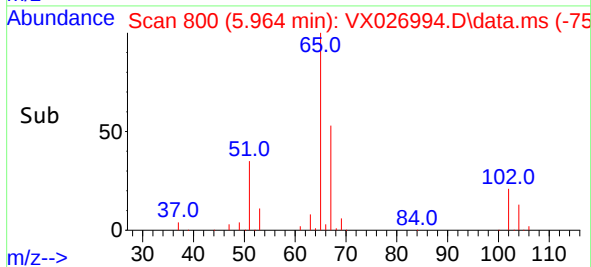
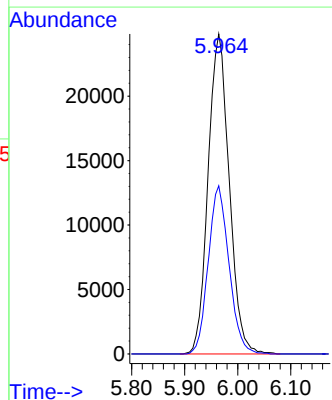
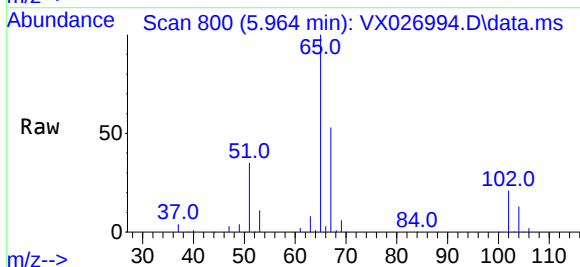


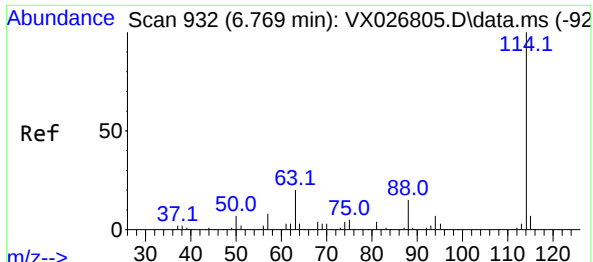
Tgt Ion: 56 Resp: 2185
Ion Ratio Lower Upper
56 100
69 180.0 25.8 38.6#
84 153.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.261 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion: 65 Resp: 68617
Ion Ratio Lower Upper
65 100
67 51.7 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: VX026994.D

Acq: 12 Feb 2022 02:07

Instrument :

MSVOA_X

ClientSampleId :

RO-349

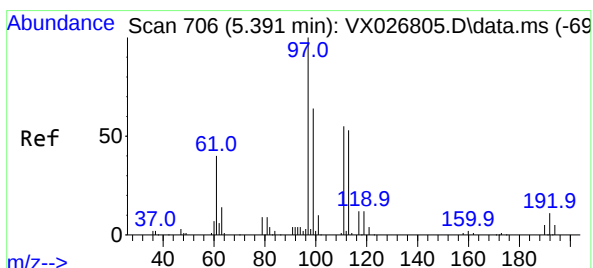
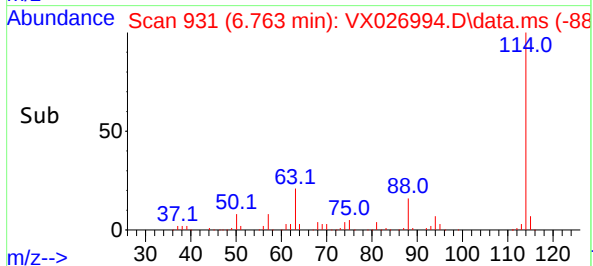
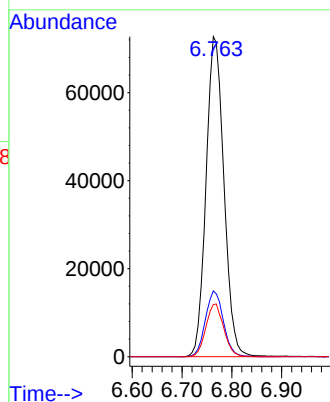
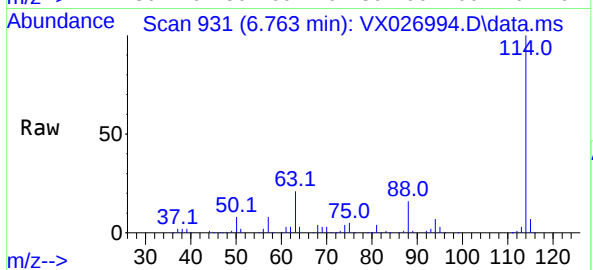
Tgt Ion:114 Resp: 181207

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.3 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.167 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX026994.D

Acq: 12 Feb 2022 02:07

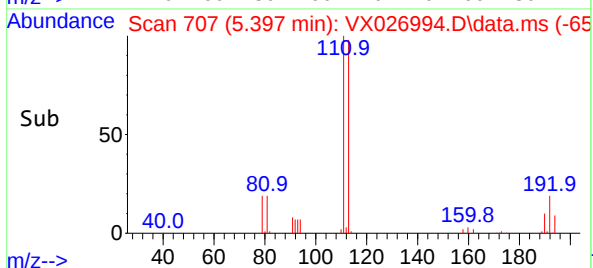
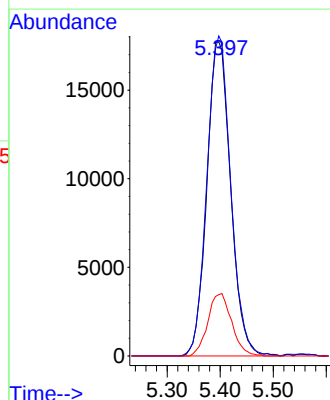
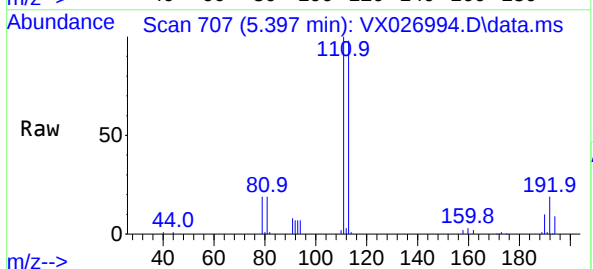
Tgt Ion:113 Resp: 55240

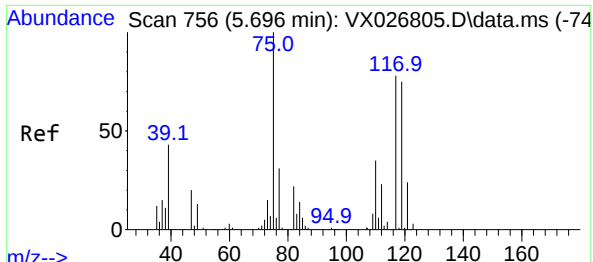
Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 19.9 15.0 22.4

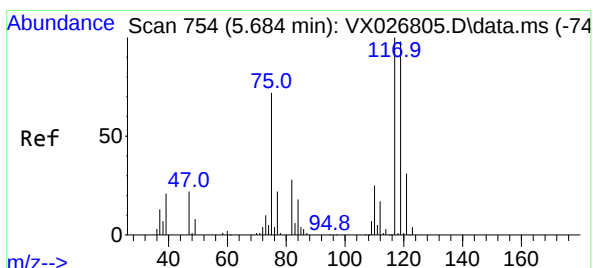
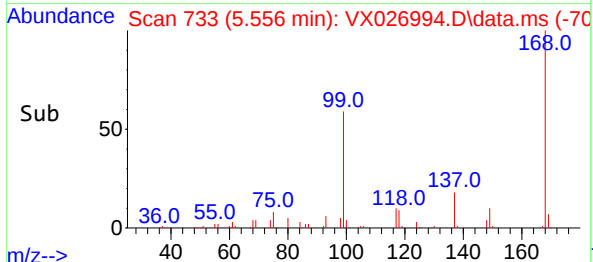
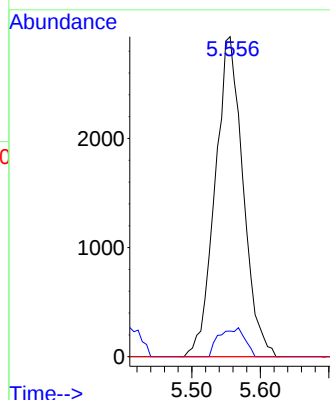
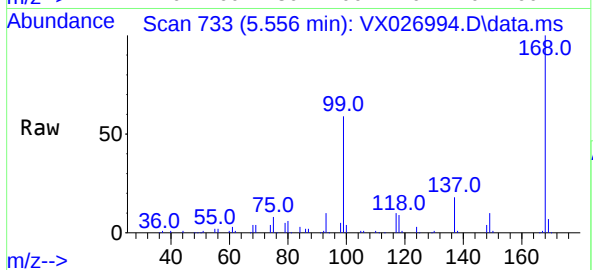




#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 5.556 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

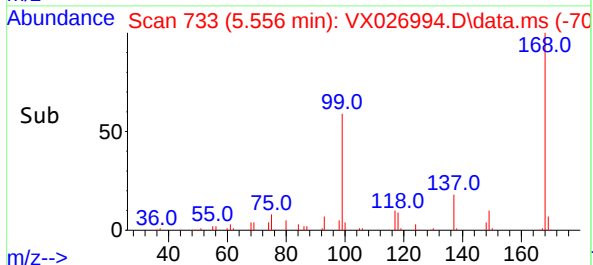
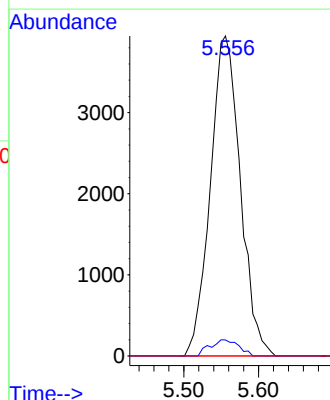
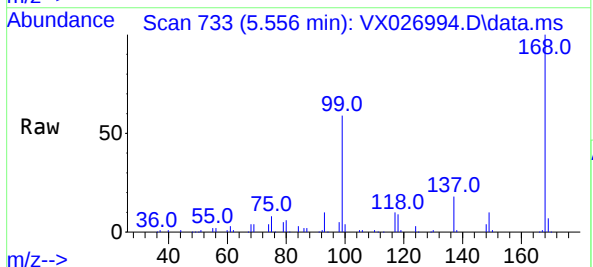
Instrument :
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RO-349

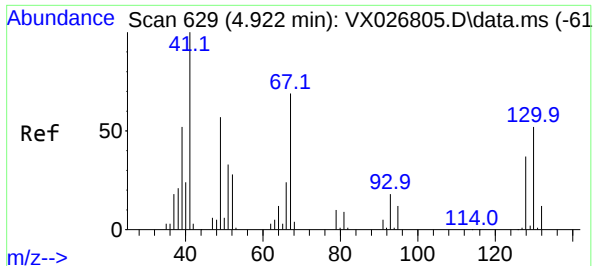
Tgt Ion: 75 Resp: 8288
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion: 117 Resp: 11011
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#

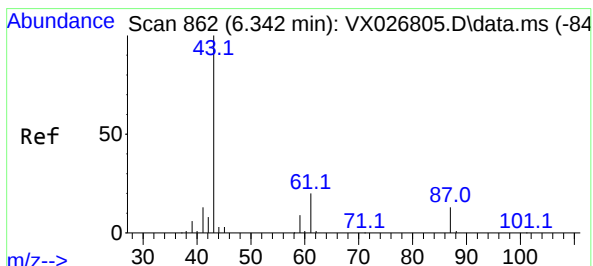
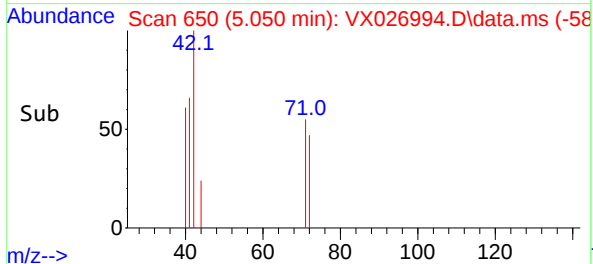
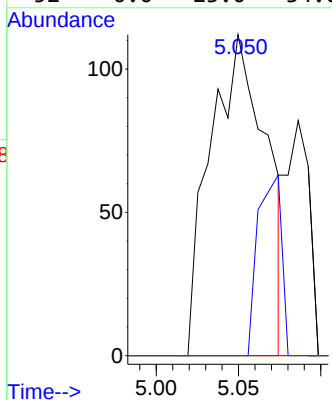
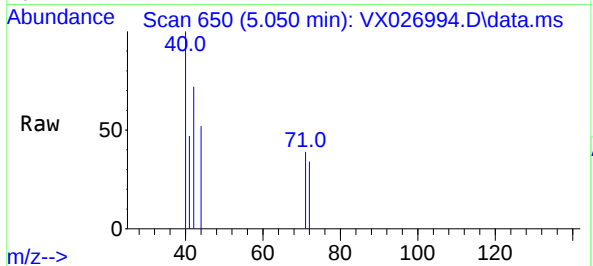




#41
Methacrylonitrile
Concen: 0.253 ug/l
RT: 5.050 min Scan# 61
Delta R.T. 0.128 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

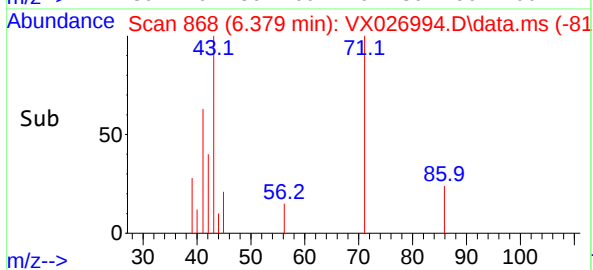
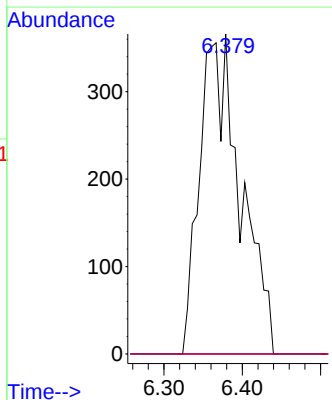
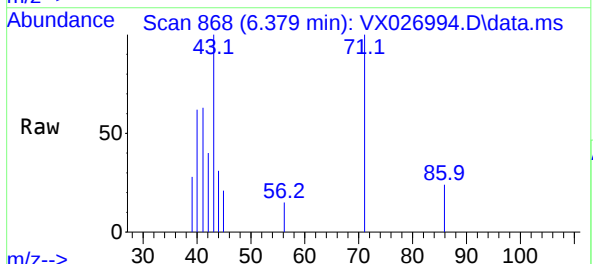
Instrument :
MSVOA_X
ClientSampleId :
RO-349

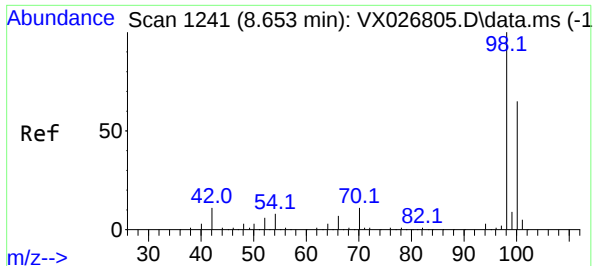
Tgt Ion:	41	Resp:	265
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.0#
67	0.0	53.2	79.8#
52	0.0	23.0	34.6#



#43
Isopropyl Acetate
Concen: 0.443 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.037 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion:	43	Resp:	1320
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.2	15.2#





#50

Toluene-d8

Concen: 52.508 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026994.D

Acq: 12 Feb 2022 02:07

Instrument :

MSVOA_X

ClientSampleId :

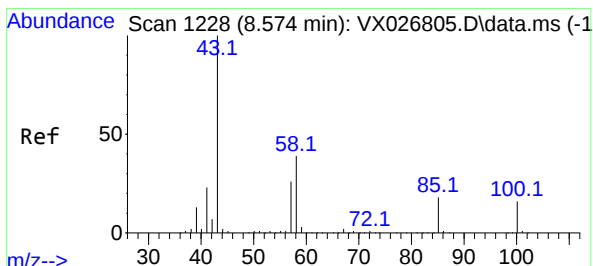
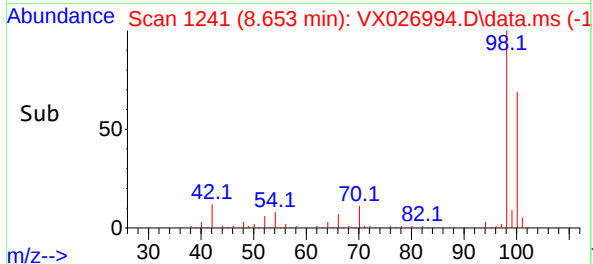
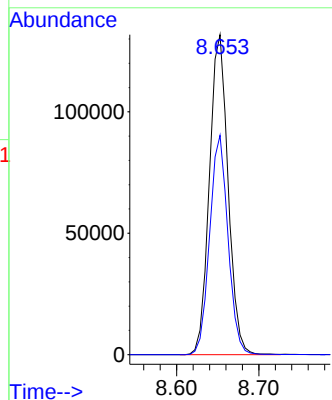
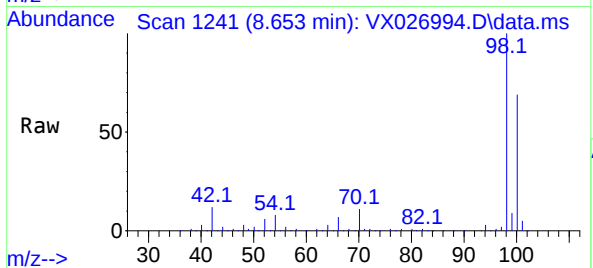
RO-349

Tgt Ion: 98 Resp: 208082

Ion Ratio Lower Upper

98 100

100 67.3 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.525 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026994.D

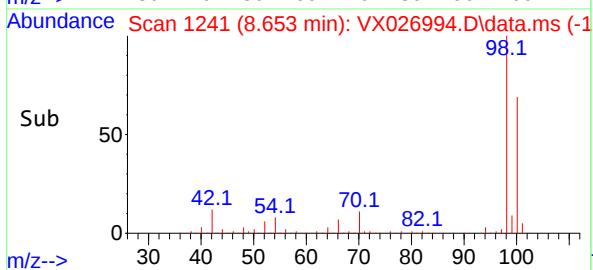
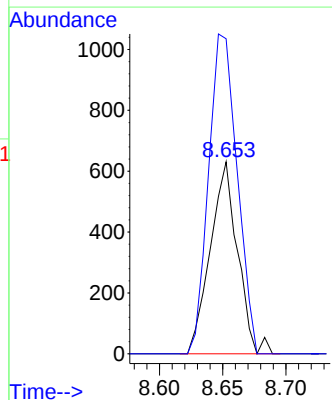
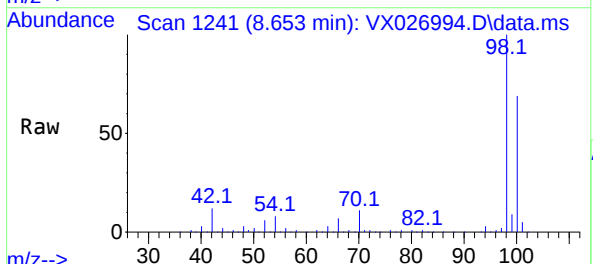
Acq: 12 Feb 2022 02:07

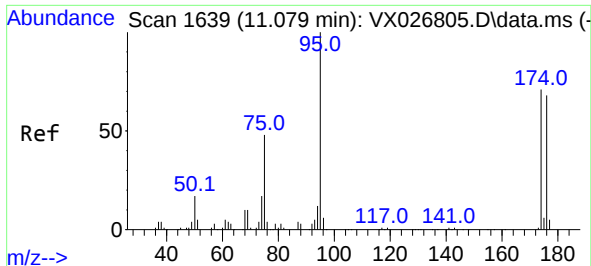
Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 174.4 30.5 45.7#

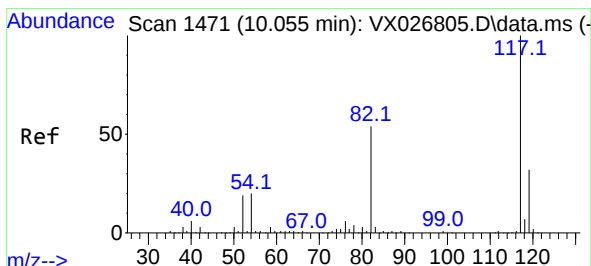
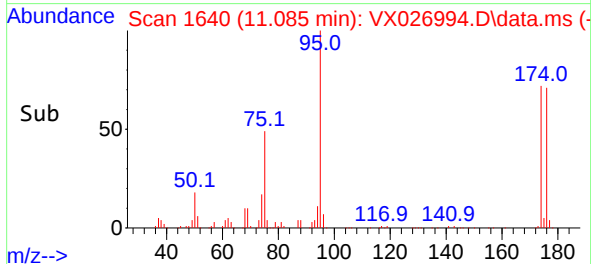
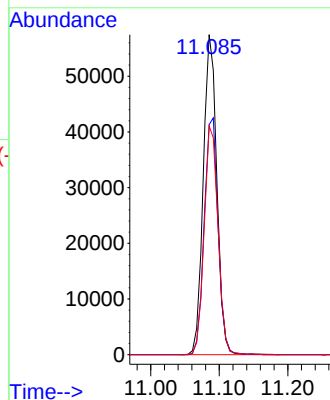
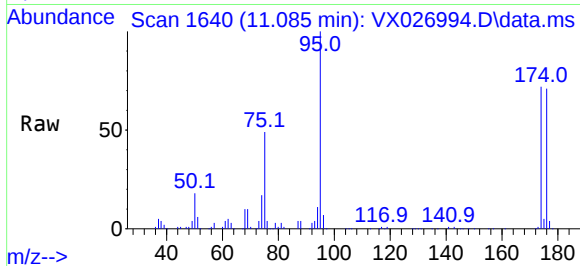




#62
4-Bromofluorobenzene
Concen: 56.841 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

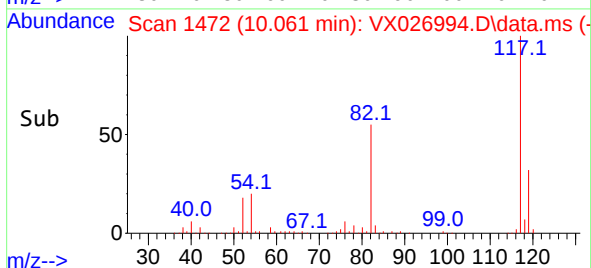
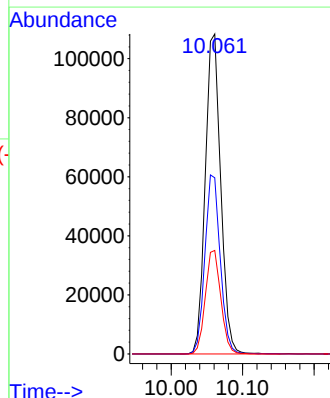
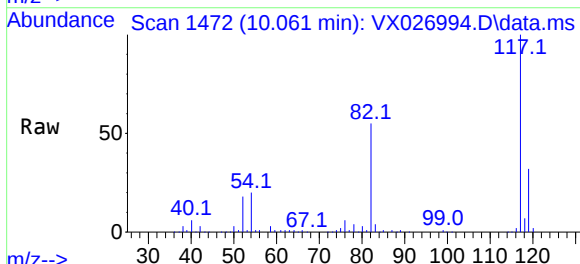
Instrument :
MSVOA_X
ClientSampleId :
RO-349

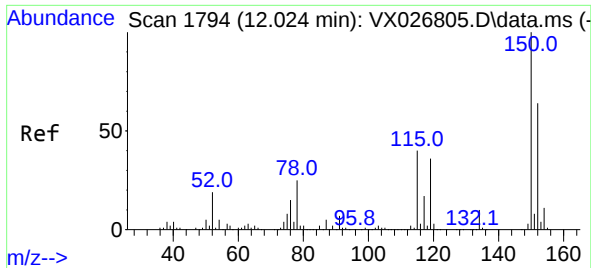
Tgt Ion: 95 Resp: 79305
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 72.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion: 117 Resp: 162539
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 32.4 26.2 39.2

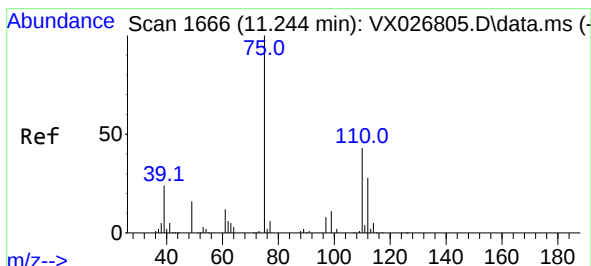
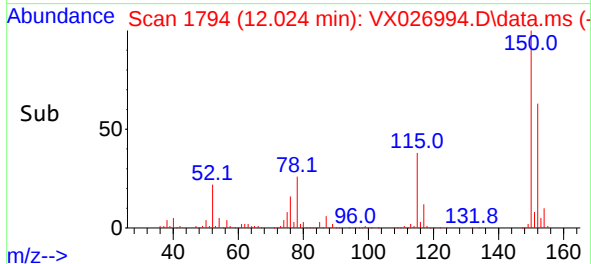
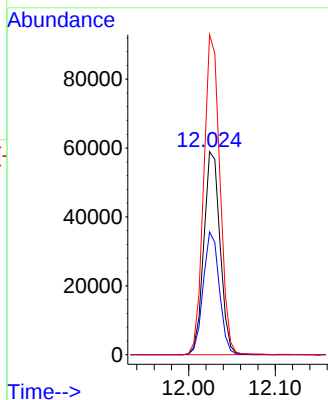
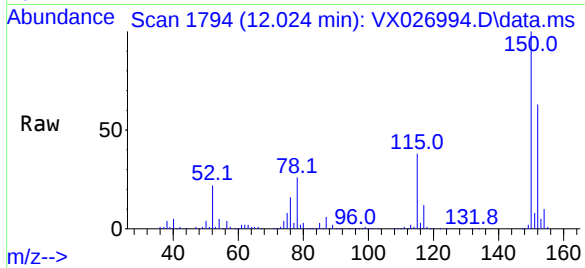




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

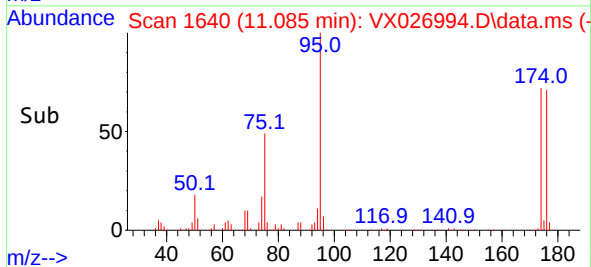
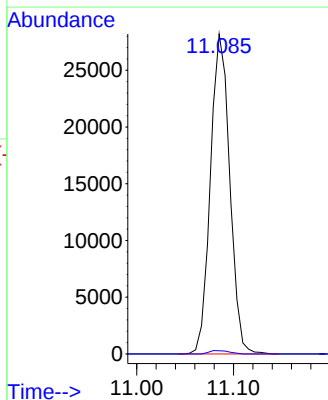
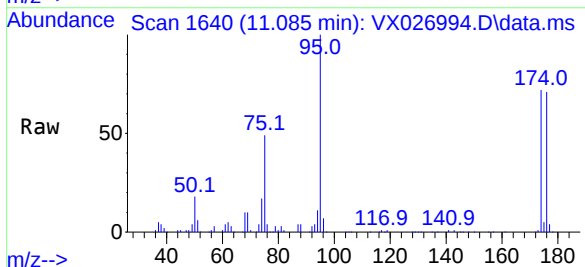
Instrument :
MSVOA_X
ClientSampleId :
RO-349

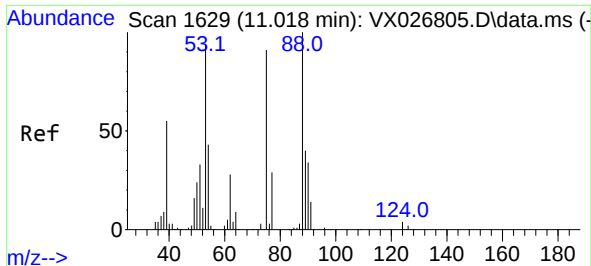
Tgt Ion:152 Resp: 76814
Ion Ratio Lower Upper
152 100
115 60.0 44.2 132.6
150 157.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.227 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Tgt Ion: 75 Resp: 39056
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.088 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX026994.D
Acq: 12 Feb 2022 02:07

Instrument :
MSVOA_X
ClientSampleId :
RO-349

Tgt Ion: 75 Resp: 39056
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

