

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032847.D
 Acq On : 16 Nov 2022 05:48
 Operator : JC/MD
 Sample : N5640-14 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111522

Quant Time: Nov 16 07:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

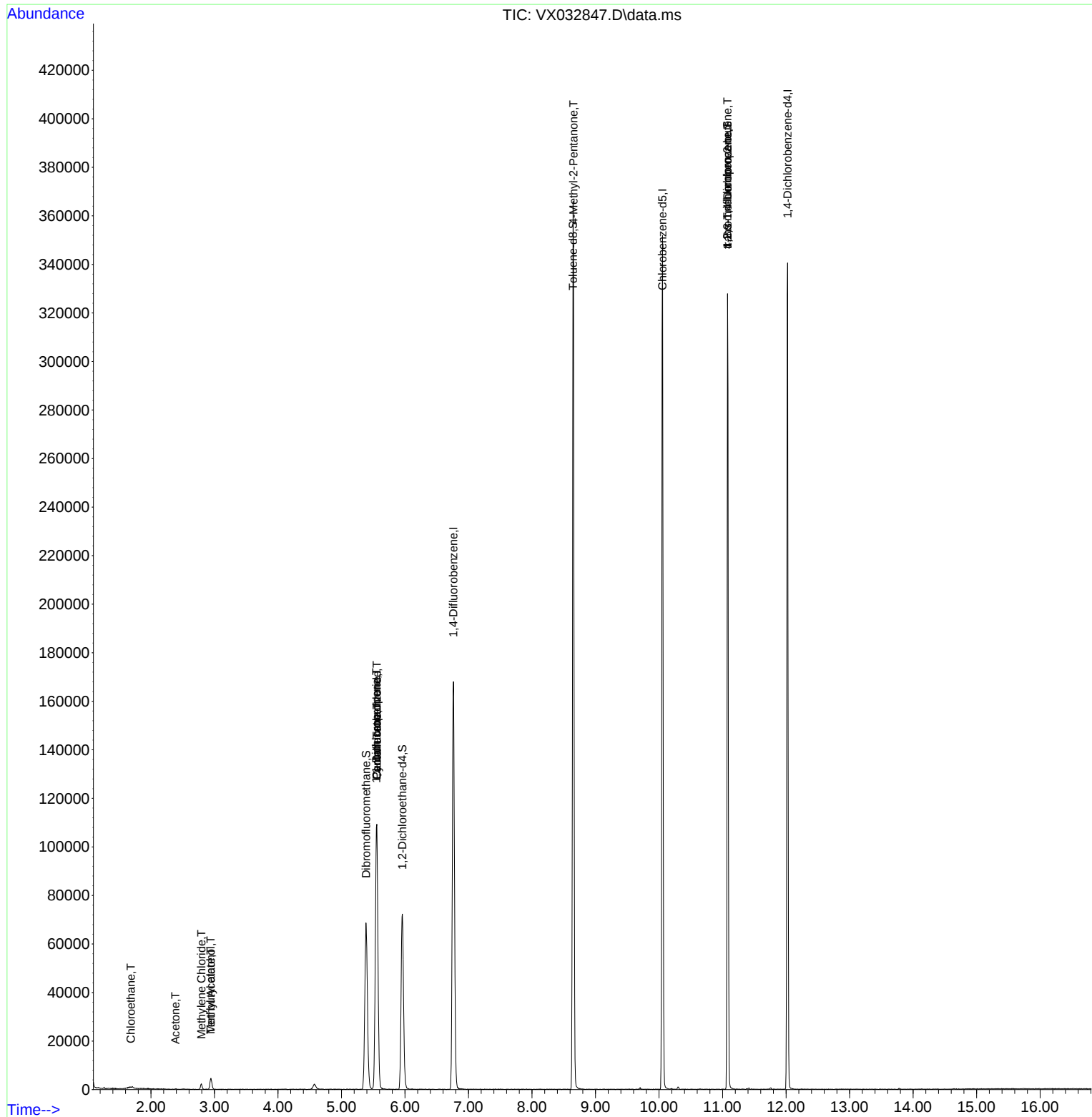
Internal Standards							
1) Pentafluorobenzene		5.556	168	105200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	173888	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	155679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	70643	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	74057	50.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.320%	
35) Dibromofluoromethane		5.385	113	58188	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%	
50) Toluene-d8		8.647	98	215842	50.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%	
62) 4-Bromofluorobenzene		11.079	95	80675	47.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%	
Target Compounds							
						Qvalue	
6) Chloroethane		1.685	64	159	0.210	ug/l #	42
11) Tert butyl alcohol		2.941	59	2714	12.757	ug/l #	72
16) Acetone		2.386	43	252	0.474	ug/l #	45
18) Methyl Acetate		2.941	43	425	0.246	ug/l #	51
20) Methylene Chloride		2.794	84	1055	0.866	ug/l	96
31) Cyclohexane		5.556	56	2213	1.249	ug/l #	24
36) 1,1-Dichloropropene		5.550	75	8005	4.635	ug/l #	46
38) Carbon Tetrachloride		5.556	117	10812	5.644	ug/l #	16
51) 4-Methyl-2-Pentanone		8.653	43	1001	0.576	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	44032	28.017	ug/l #	37
81) trans-1,4-Dichloro-2-b...		11.079	75	44032	89.150	ug/l #	6

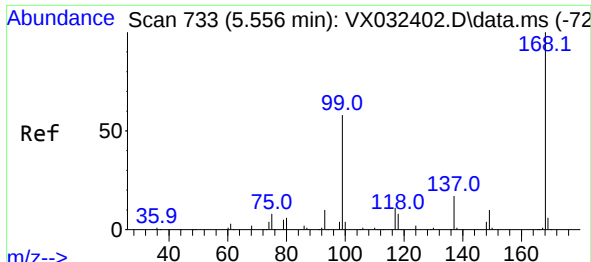
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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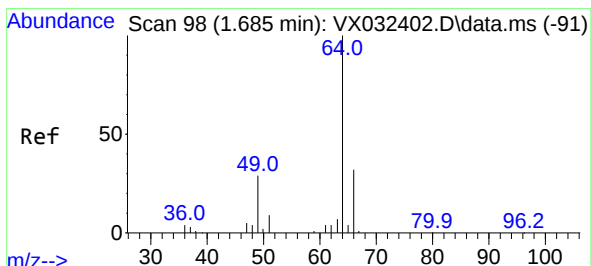
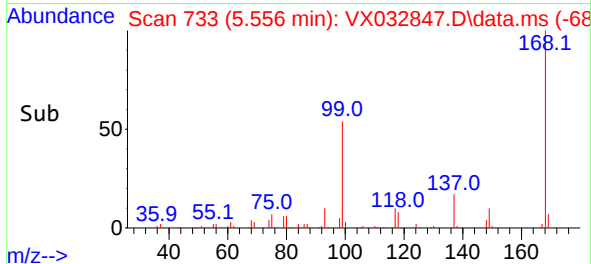
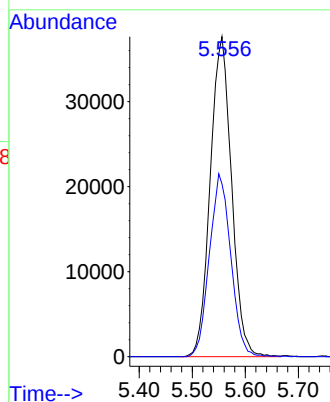
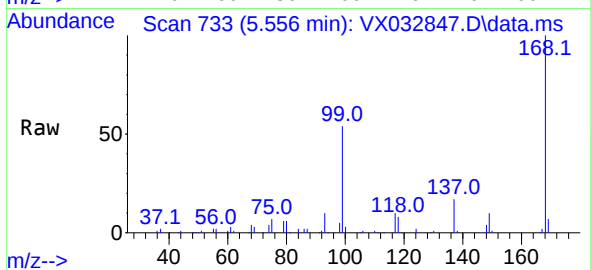




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

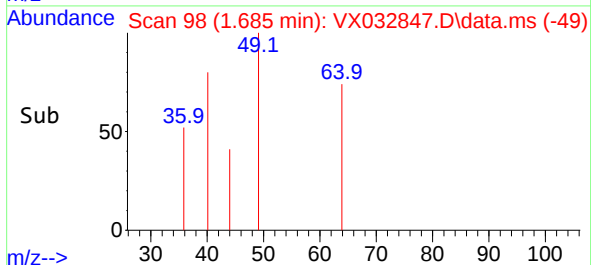
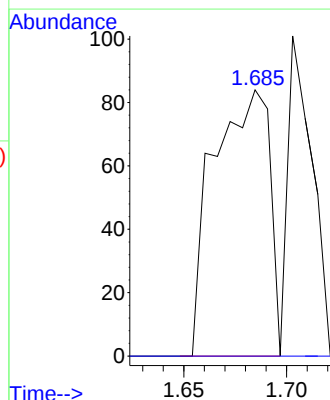
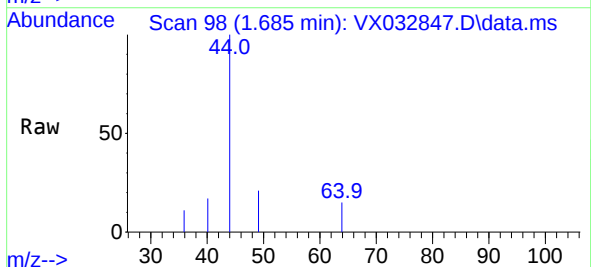
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

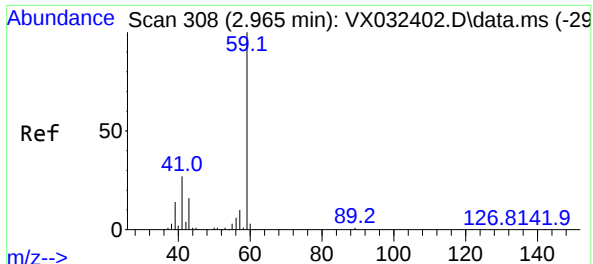
Tgt Ion:168 Resp: 105200
Ion Ratio Lower Upper
168 100
99 54.0 46.1 69.1



#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

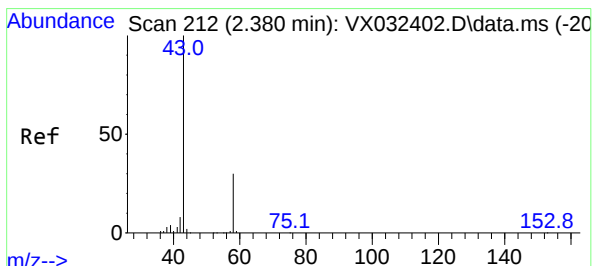
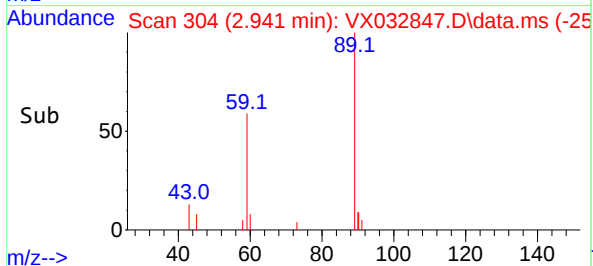
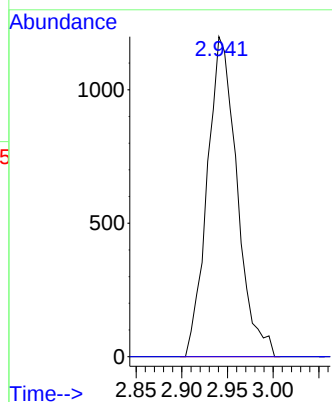
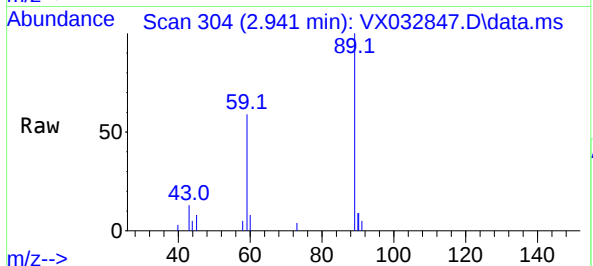




#11
Tert butyl alcohol
Concen: 12.757 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

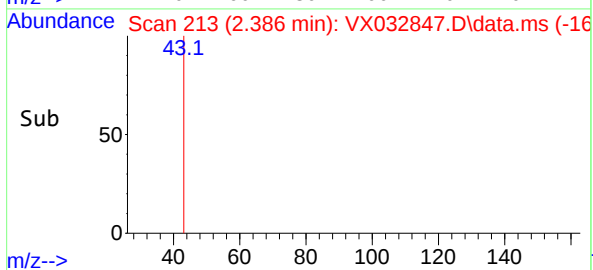
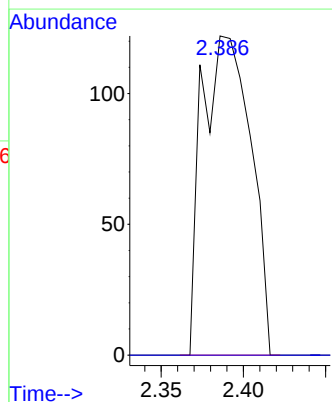
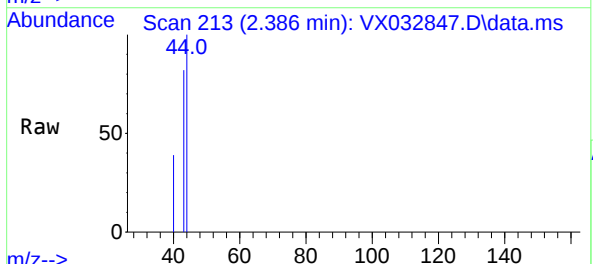
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

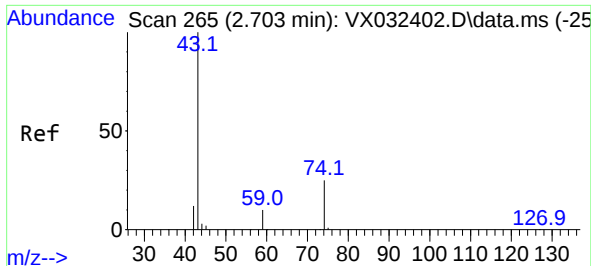
Tgt Ion: 59 Resp: 2714
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.474 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#18

Methyl Acetate

Concen: 0.246 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.238 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

Instrument :

MSVOA_X

ClientSampleId :

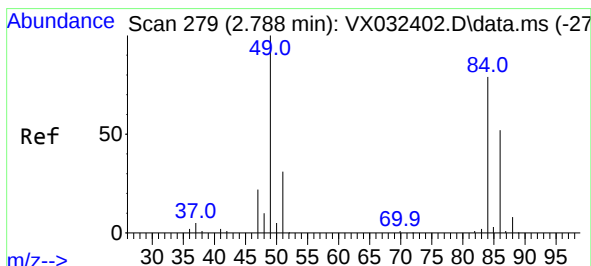
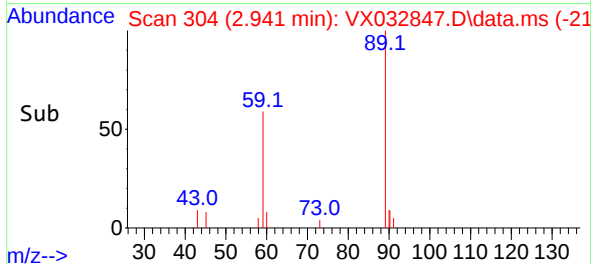
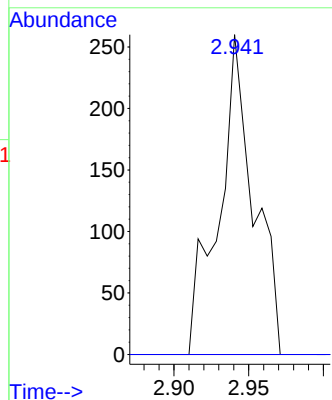
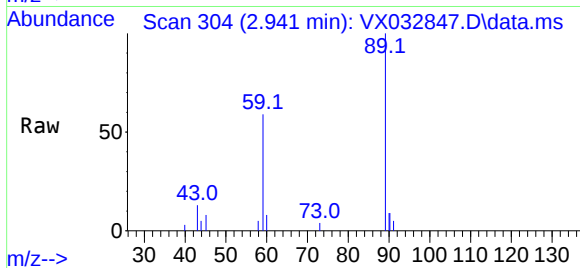
DUP111522

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.866 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

Tgt Ion: 84 Resp: 1055

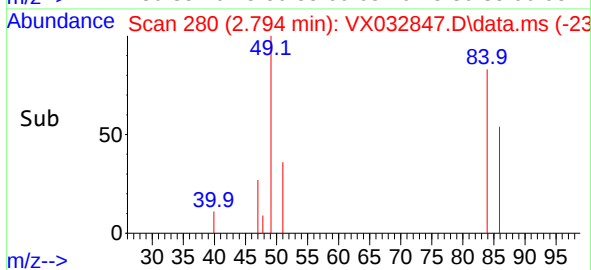
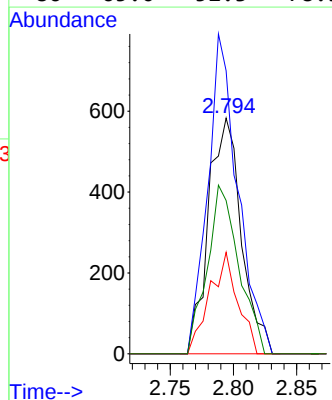
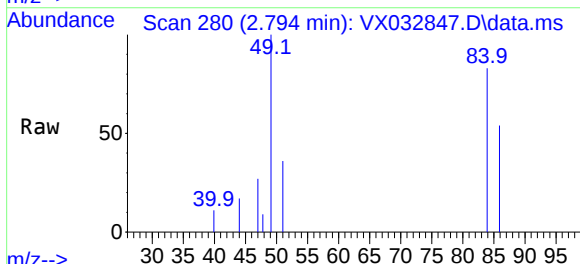
Ion Ratio Lower Upper

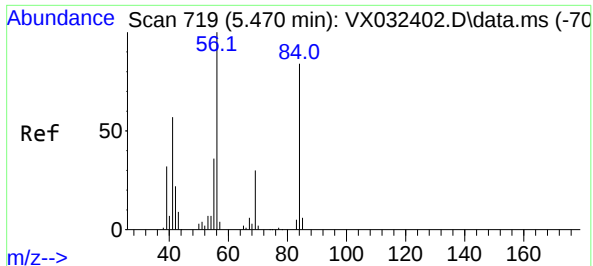
84 100

49 120.1 101.0 151.6

51 43.1 31.1 46.7

86 65.0 52.3 78.5

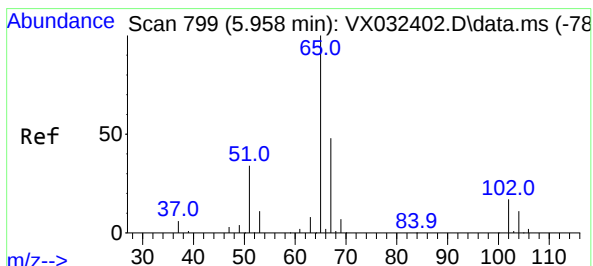
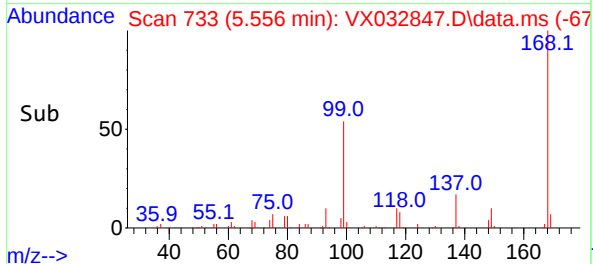
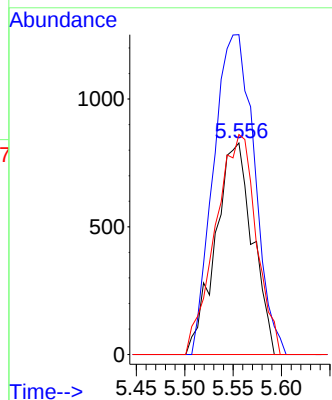
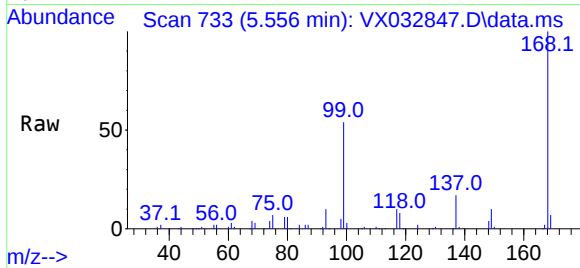




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

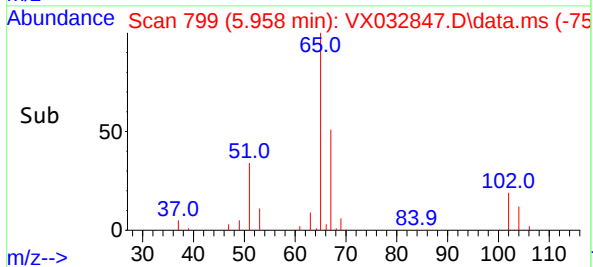
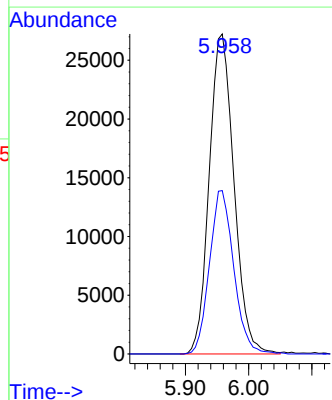
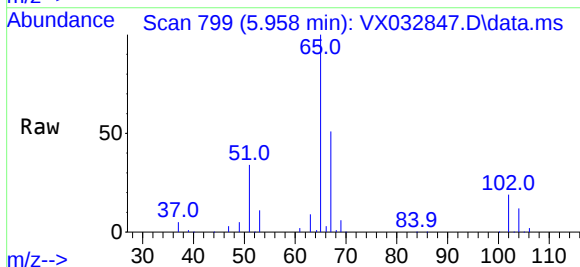
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

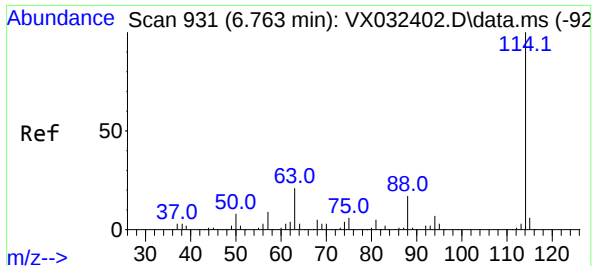
Tgt Ion: 56 Resp: 2213
Ion Ratio Lower Upper
56 100
69 151.2 24.1 36.1#
84 104.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.664 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 65 Resp: 74057
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

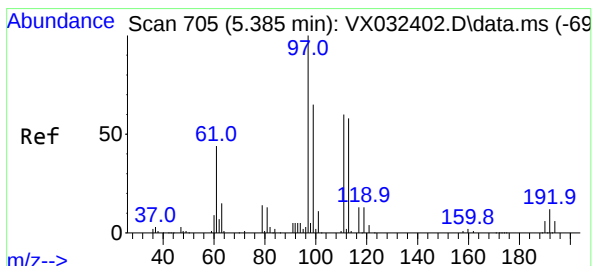
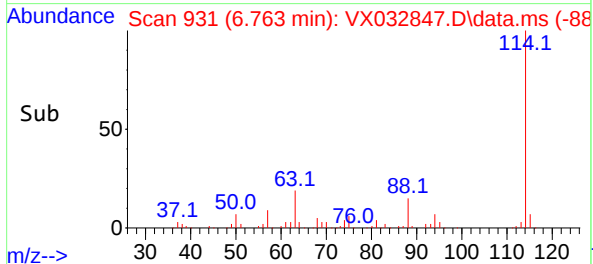
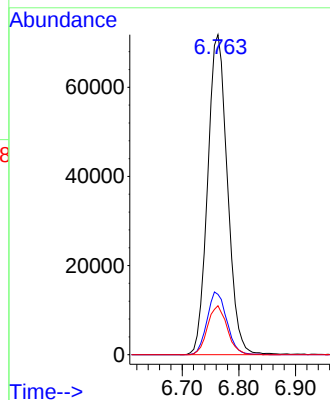
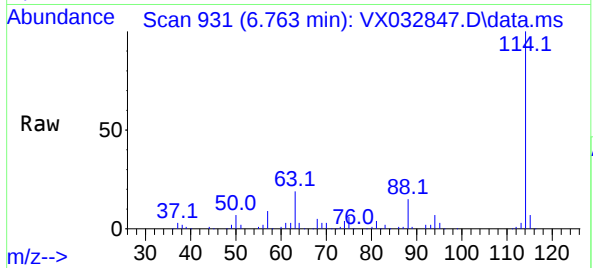




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

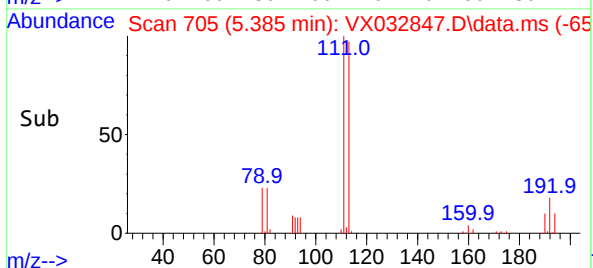
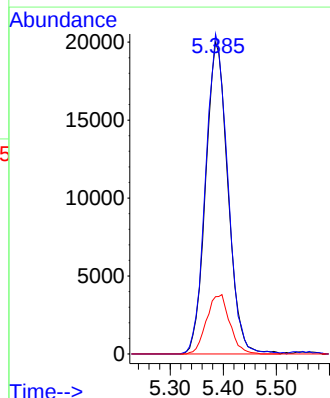
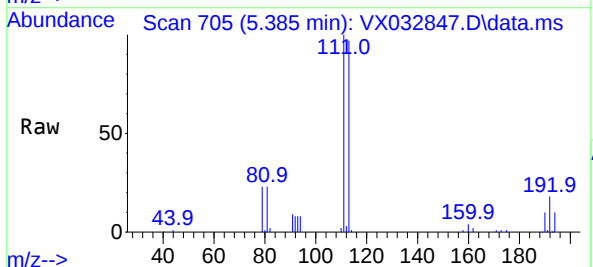
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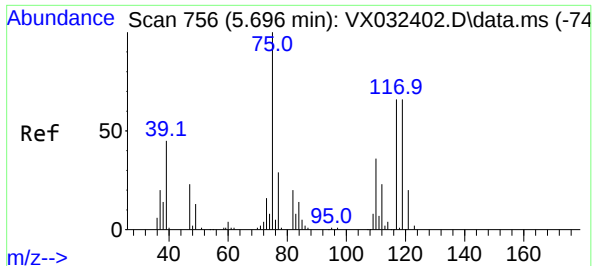
Tgt Ion:114 Resp: 173888
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion:113 Resp: 58188
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.8 15.4 23.2

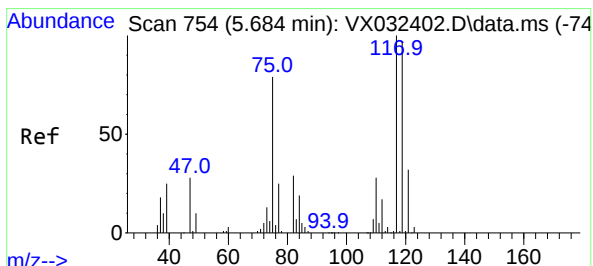
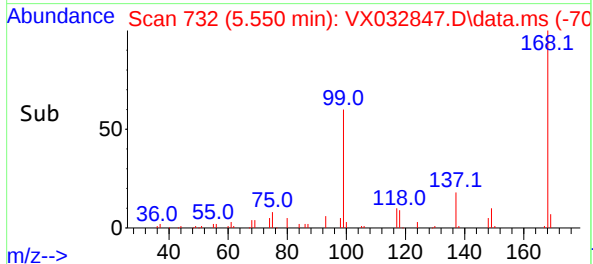
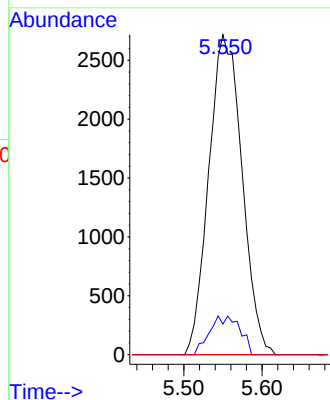
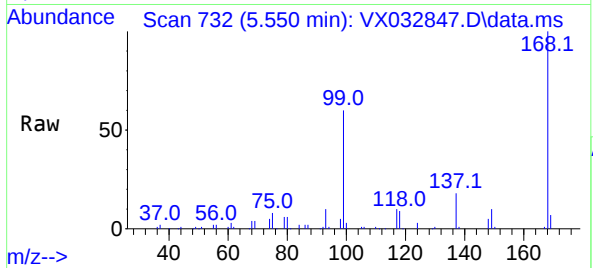




#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

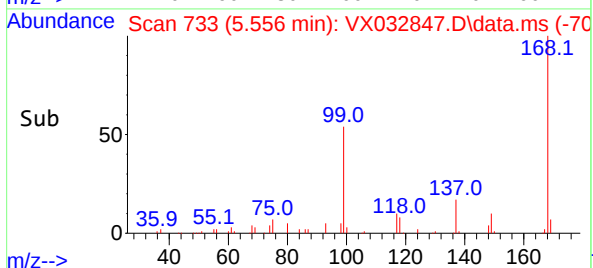
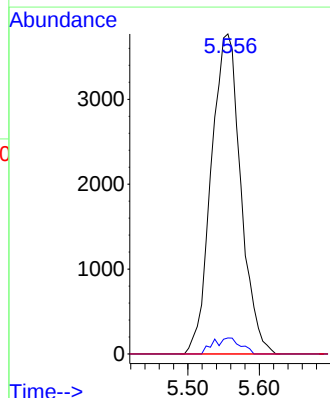
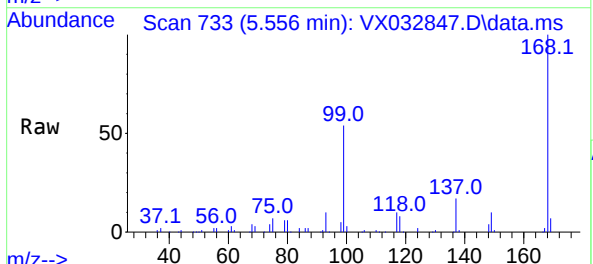
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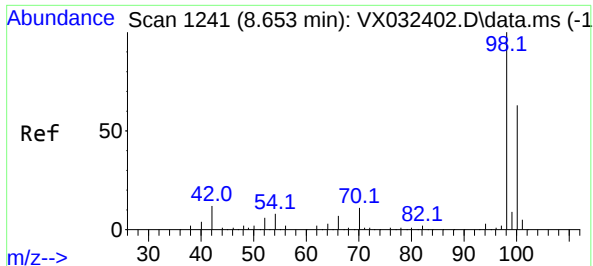
Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
110 5.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 117 Resp: 10812
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.044 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

Instrument :

MSVOA_X

ClientSampleId :

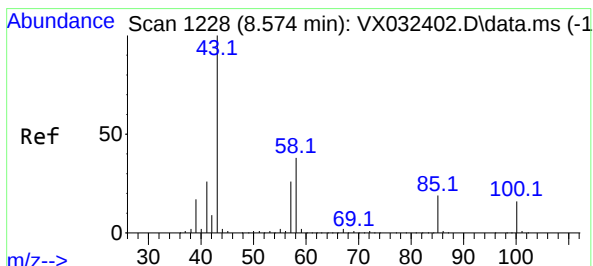
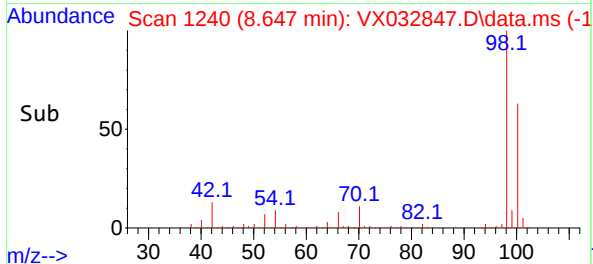
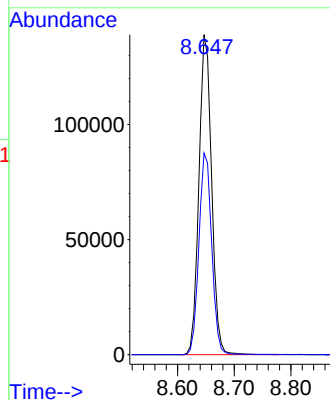
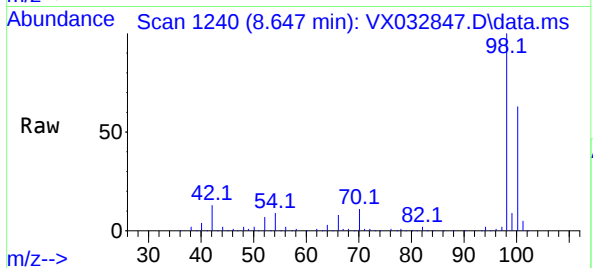
DUP111522

Tgt Ion: 98 Resp: 215842

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.576 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032847.D

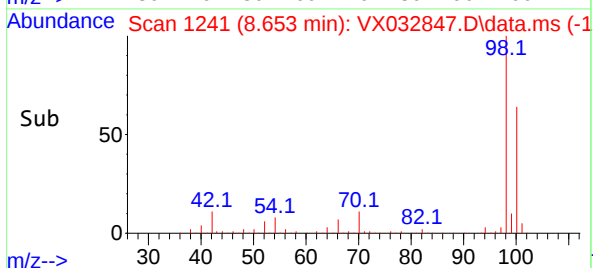
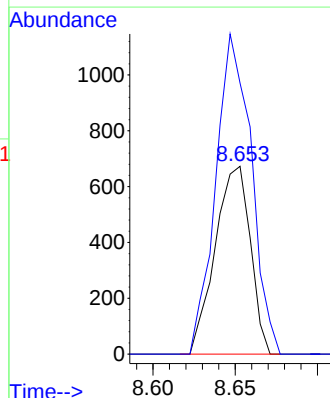
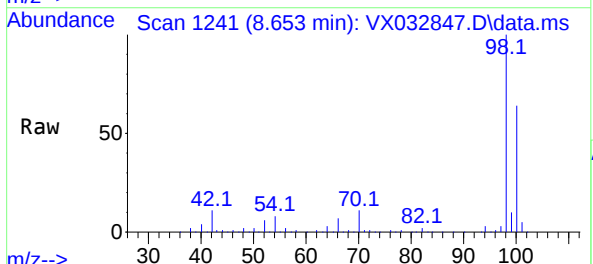
Acq: 16 Nov 2022 05:48

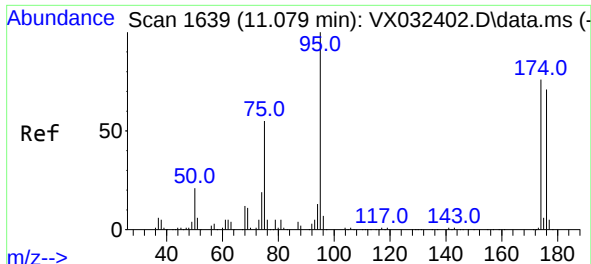
Tgt Ion: 43 Resp: 1001

Ion Ratio Lower Upper

43 100

58 172.1 30.9 46.3#

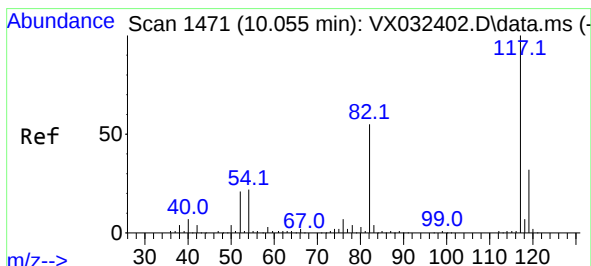
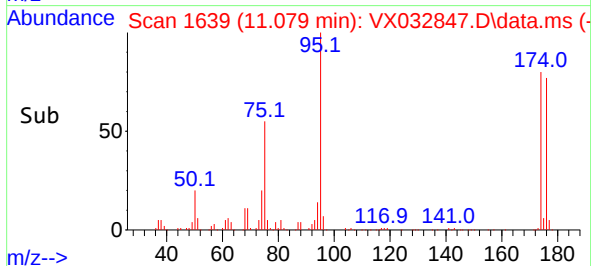
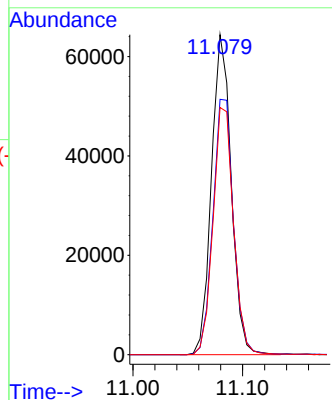
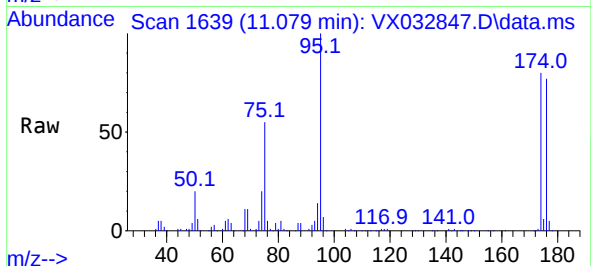




#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

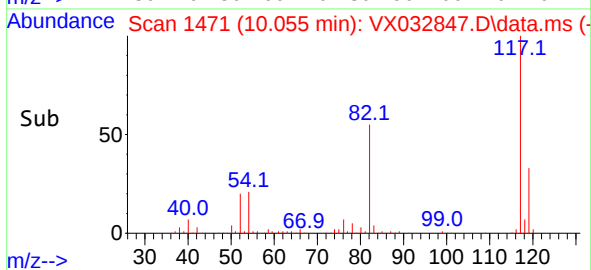
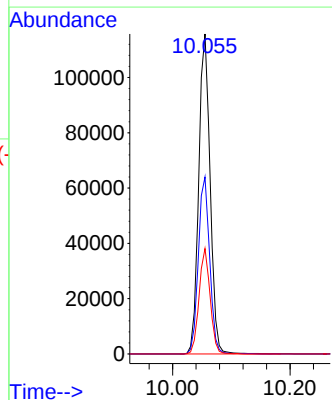
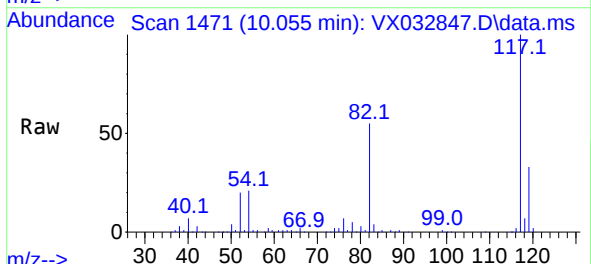
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

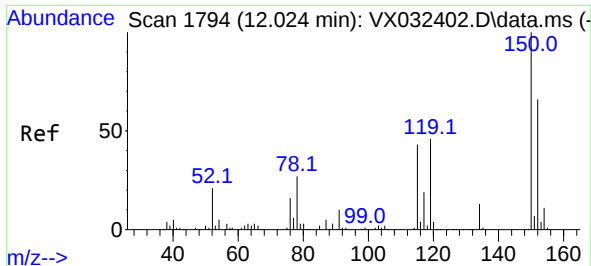
Tgt Ion: 95 Resp: 80675
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 117 Resp: 155679
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 33.0 25.7 38.5

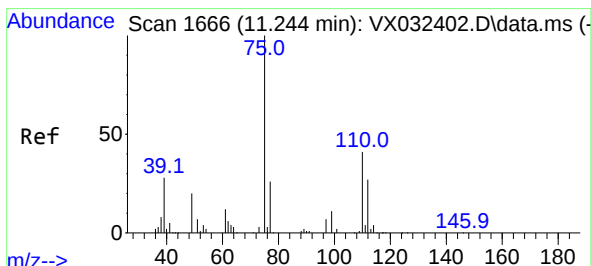
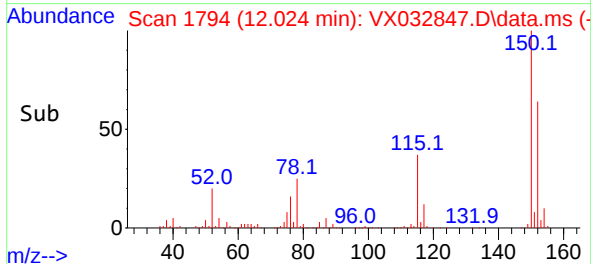
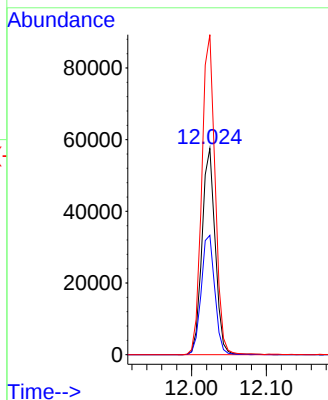
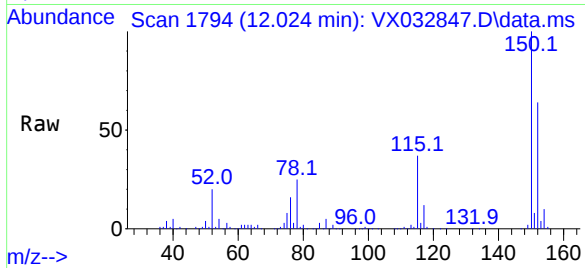




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

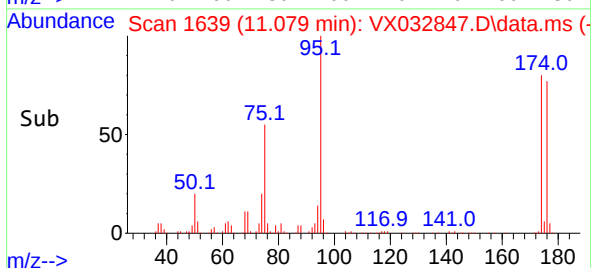
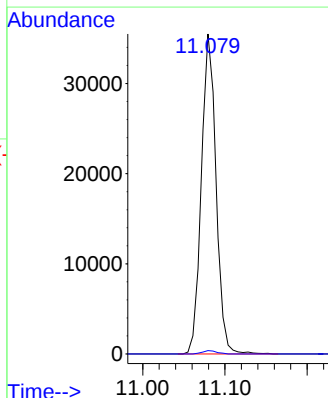
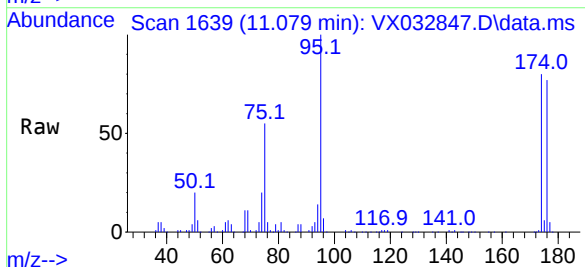
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

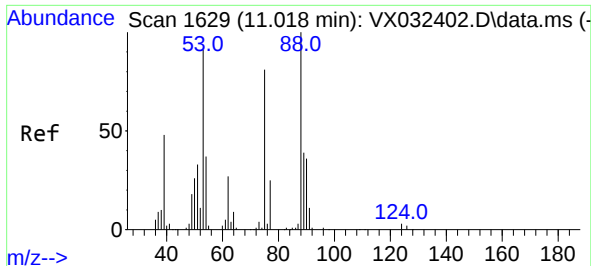
Tgt Ion:152 Resp: 70643
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 157.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

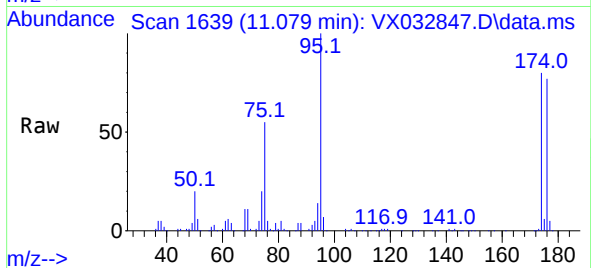
Tgt Ion: 75 Resp: 44032
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.150 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032847.D
 Acq: 16 Nov 2022 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111522



Tgt Ion: 75 Resp: 44032
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

