

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032624.D
 Acq On : 07 Nov 2022 14:04
 Operator : JC/MD
 Sample : N5484-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 03:12:50 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)

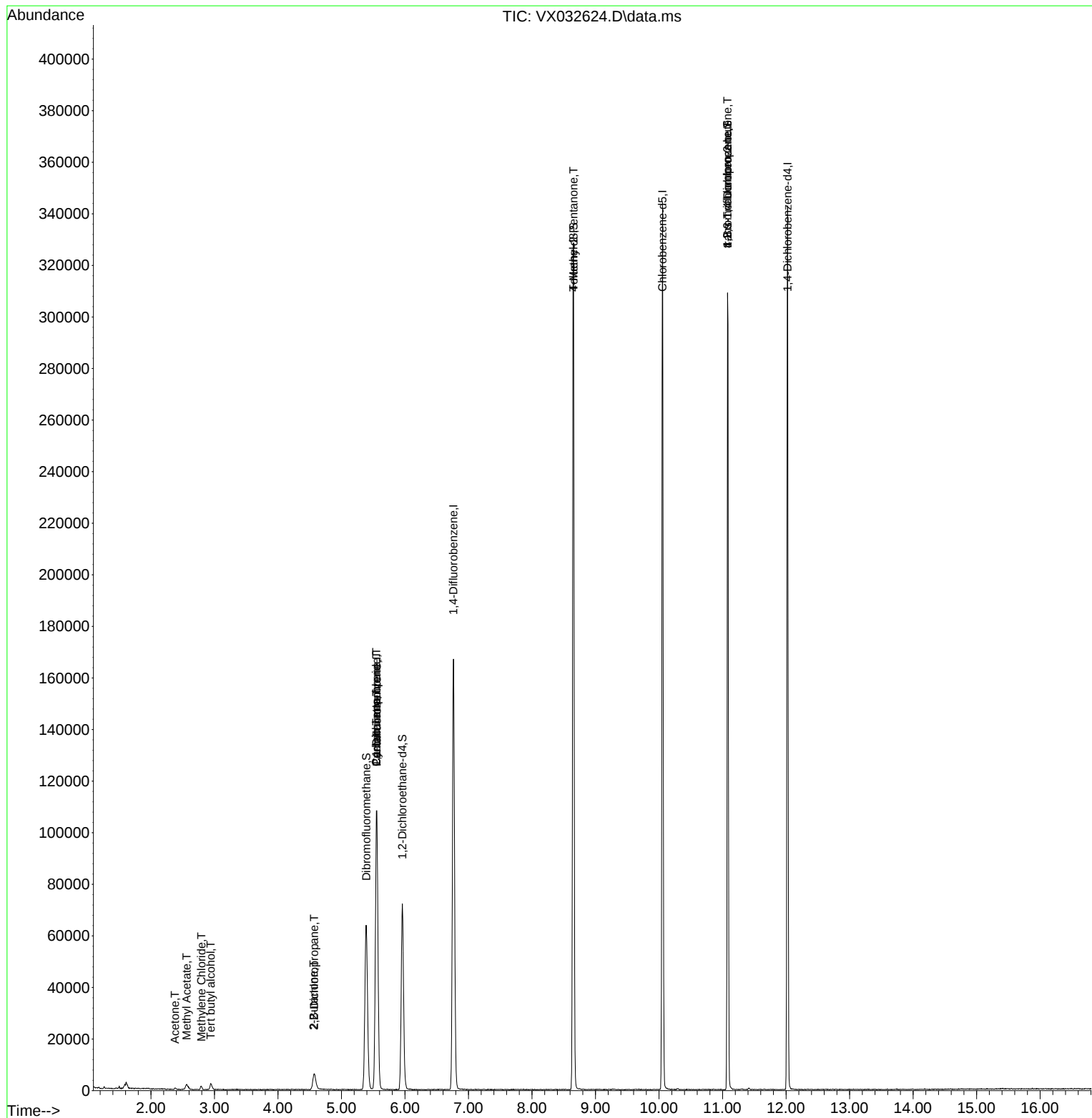
Internal Standards						
1) Pentafluorobenzene	5.556	168	101894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70610	49.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.740%
35) Dibromofluoromethane	5.391	113	55062	46.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.653	98	202292	48.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	76578	47.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1584	7.687	ug/l #	72
16) Acetone	2.379	43	747	1.452	ug/l #	78
18) Methyl Acetate	2.562	43	911	0.544	ug/l #	51
20) Methylene Chloride	2.794	84	694	0.588	ug/l #	72
25) 2-Butanone	4.562	43	242	0.304	ug/l #	47
26) 2,2-Dichloropropane	4.568	77	458	0.284	ug/l #	53
31) Cyclohexane	5.550	56	2374	1.383	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	8096	4.892	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10301	5.612	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	949	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42604	27.505	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42604	87.521	ug/l #	6

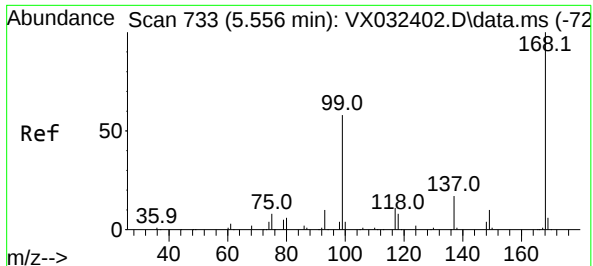
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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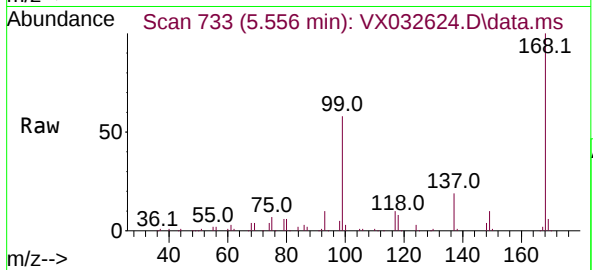
Quant Time: Nov 08 03:12:50 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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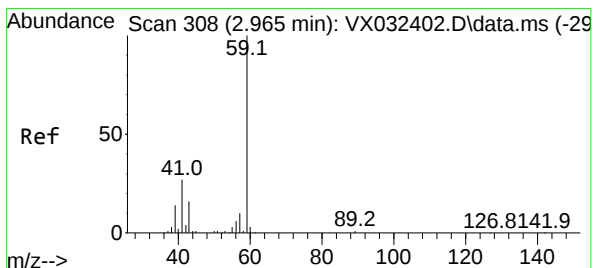
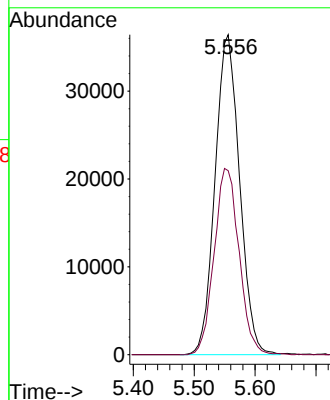
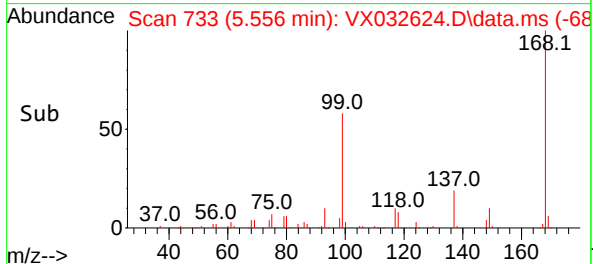


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

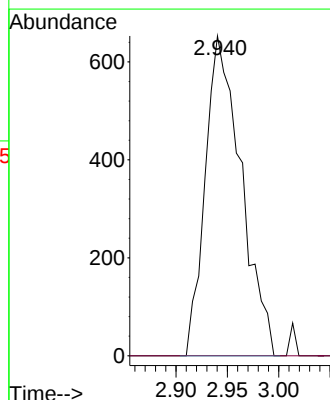
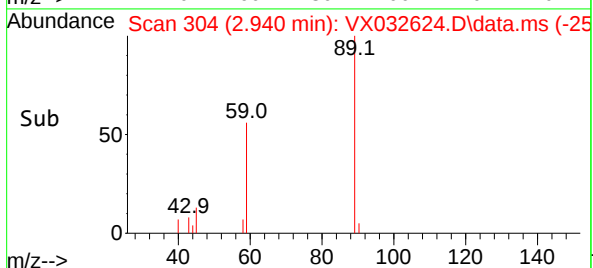
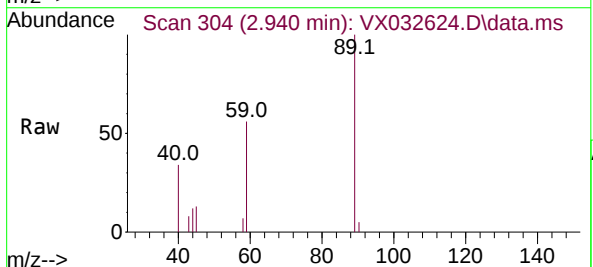


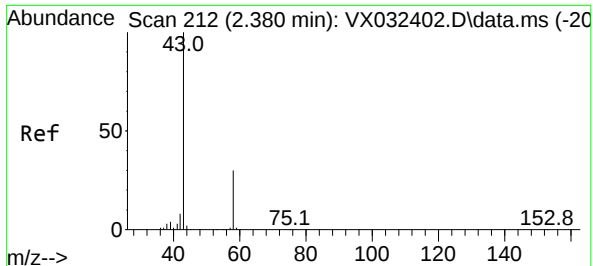
Tgt Ion:168 Resp: 101894
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.687 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

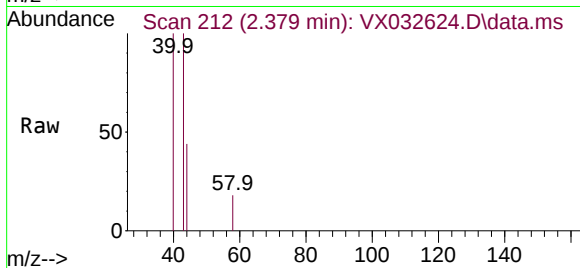
Tgt Ion: 59 Resp: 1584
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



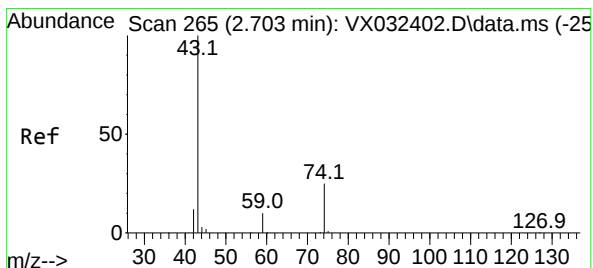
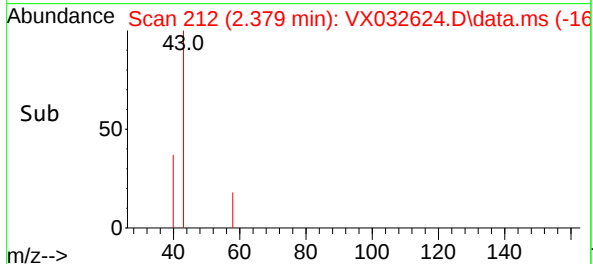
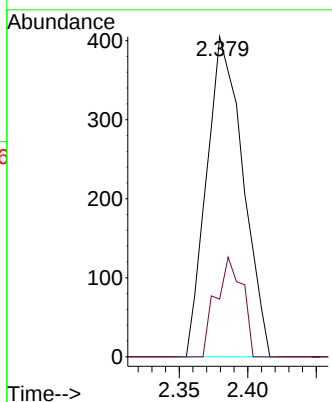


#16
Acetone
Concen: 1.452 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

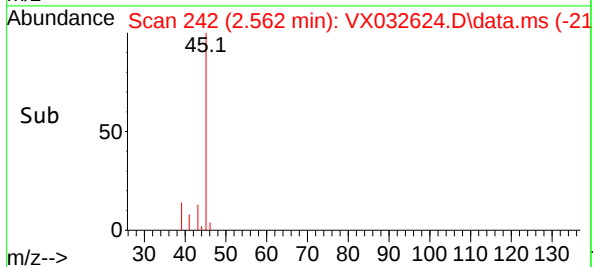
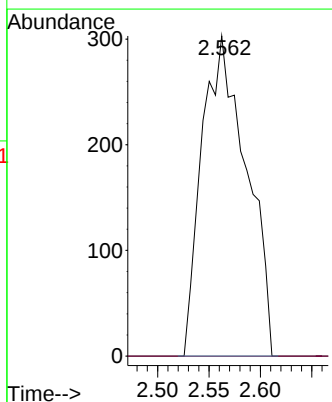
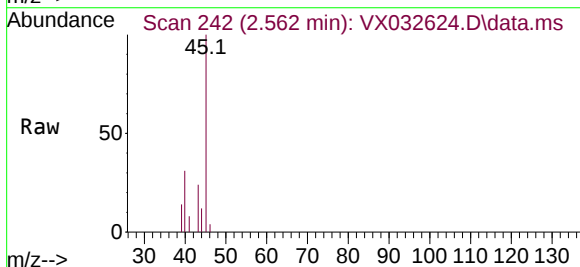


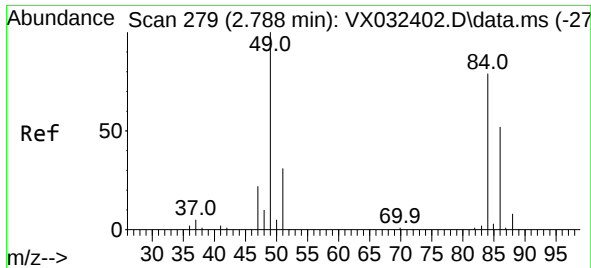
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 18.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.140 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

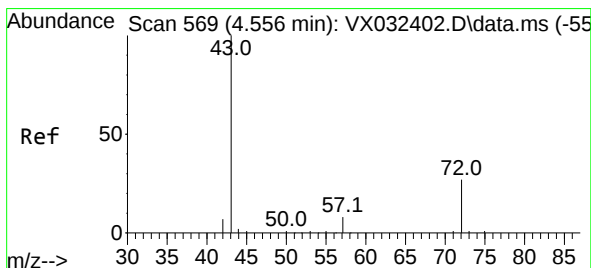
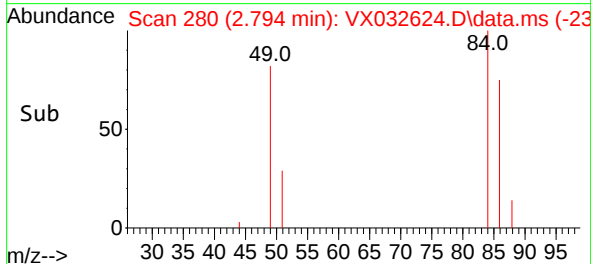
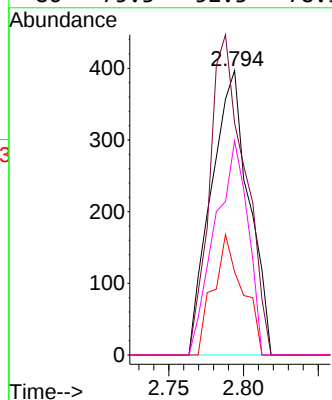
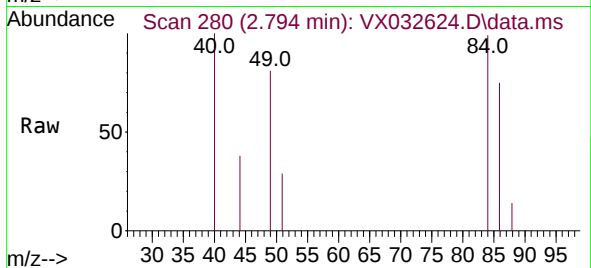




#20
Methylene Chloride
Concen: 0.588 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

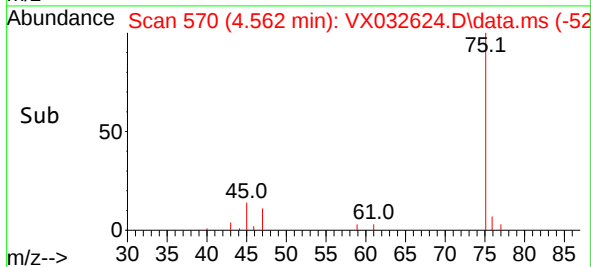
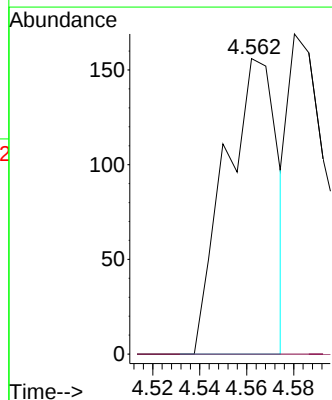
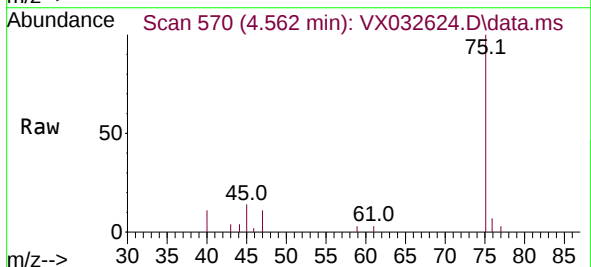
Instrument :
MSVOA_X
ClientSampleId :

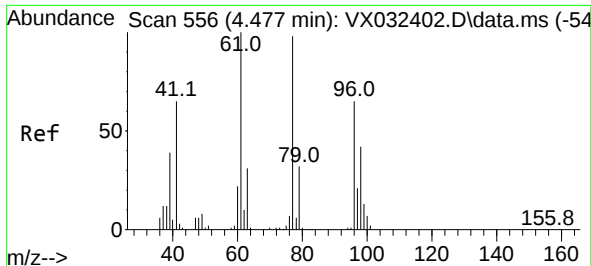
Tgt Ion:	84	Resp:	694
Ion	Ratio	Lower	Upper
84	100		
49	81.6	101.0	151.6#
51	29.2	31.1	46.7#
86	75.3	52.3	78.5



#25
2-Butanone
Concen: 0.304 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Tgt Ion:	43	Resp:	242
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#





#26

2,2-Dichloropropane

Concen: 0.284 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_X

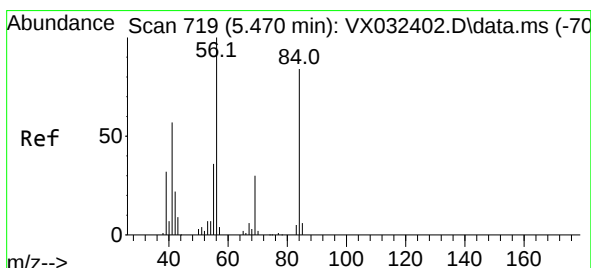
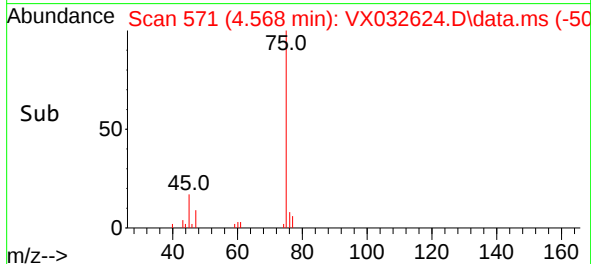
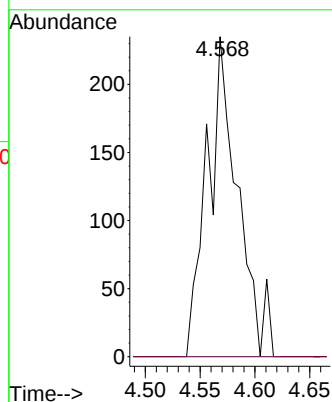
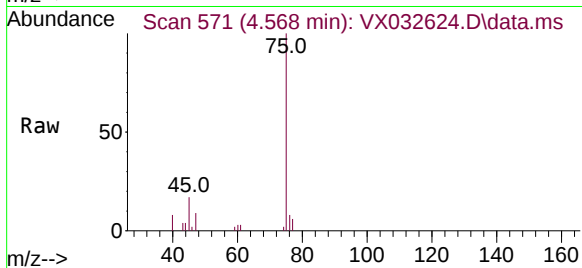
ClientSampleId :

Tgt Ion: 77 Resp: 458

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.383 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

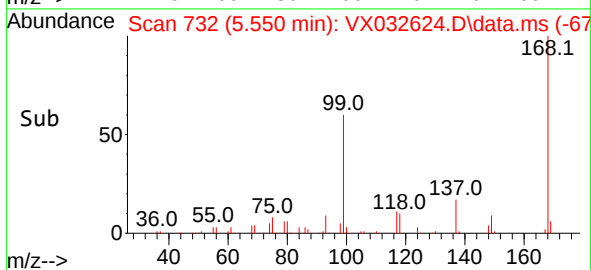
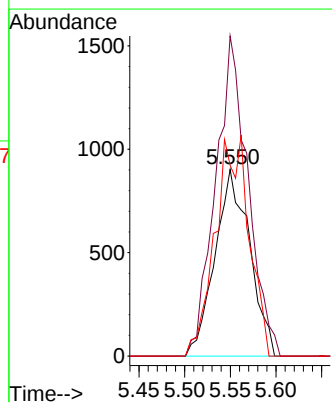
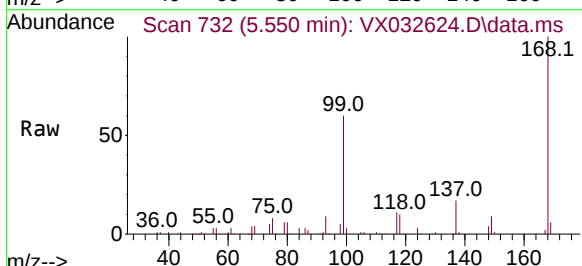
Tgt Ion: 56 Resp: 2374

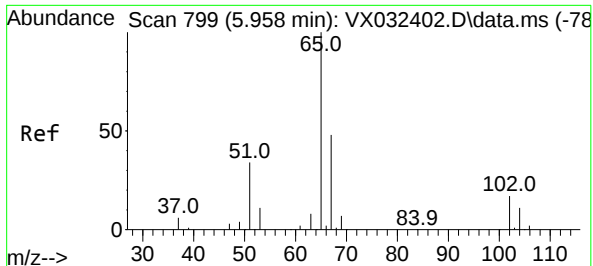
Ion Ratio Lower Upper

56 100

69 171.4 24.1 36.1#

84 102.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.873 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_X

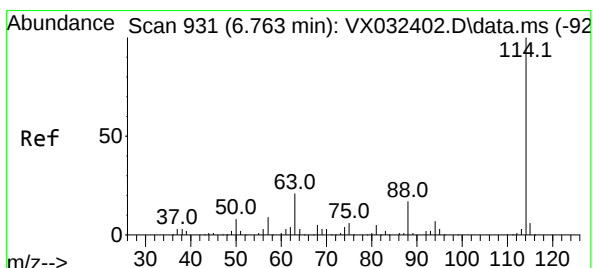
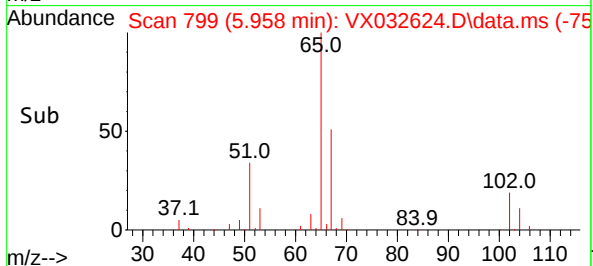
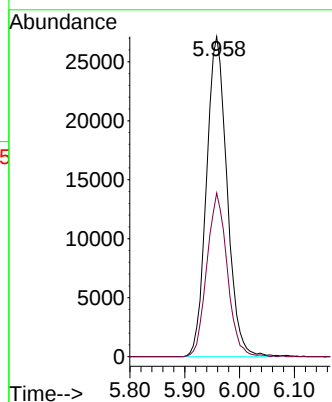
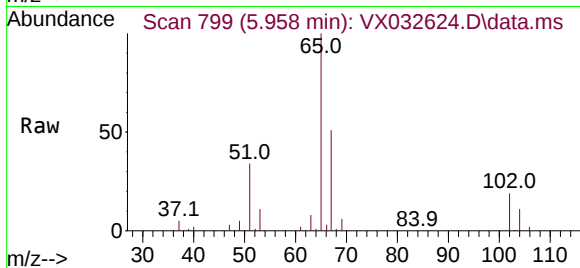
ClientSampleId :

Tgt Ion: 65 Resp: 70610

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

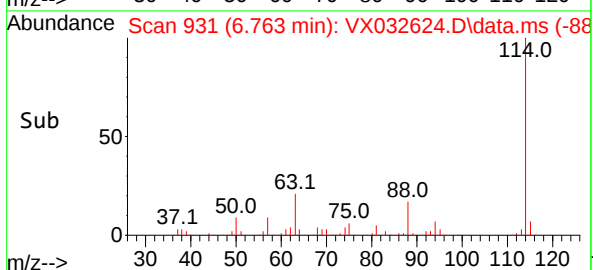
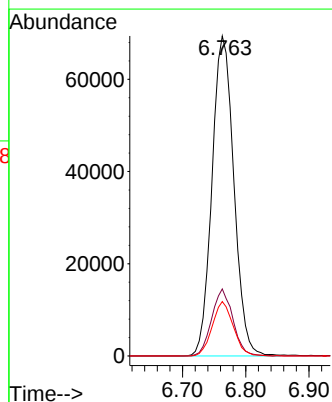
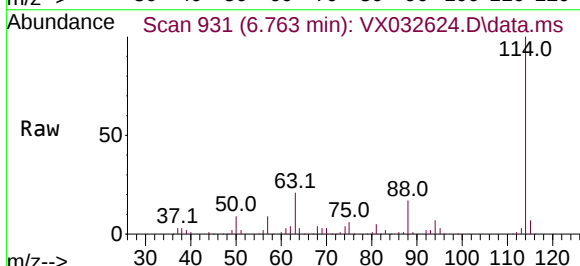
Tgt Ion: 114 Resp: 166600

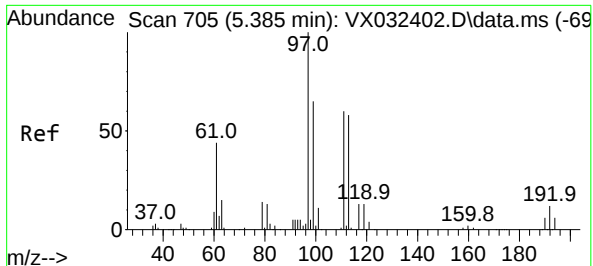
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.334 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

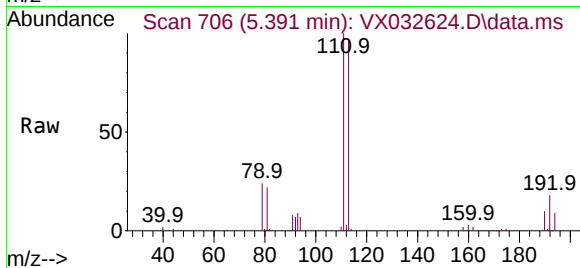
Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_X

ClientSampleId :



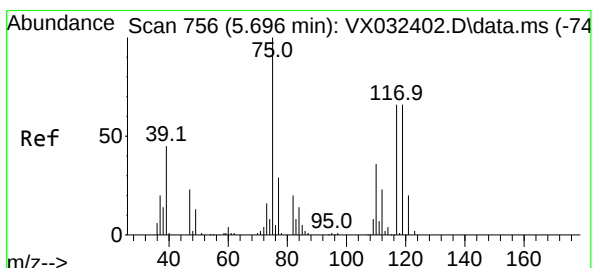
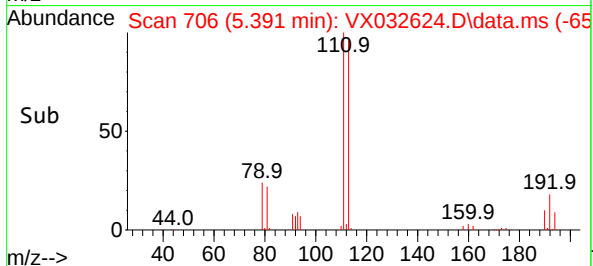
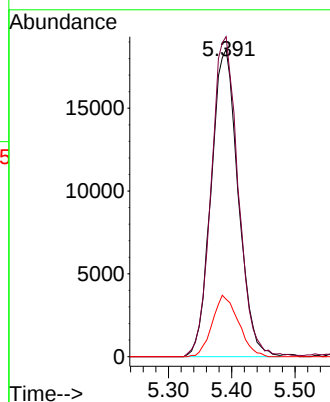
Tgt Ion:113 Resp: 55062

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.892 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

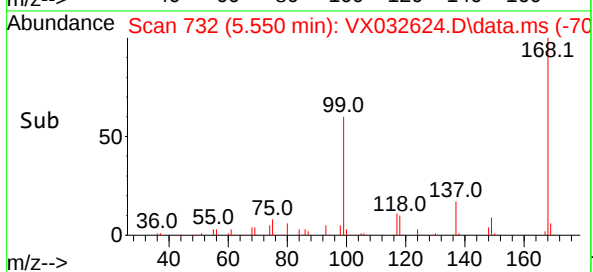
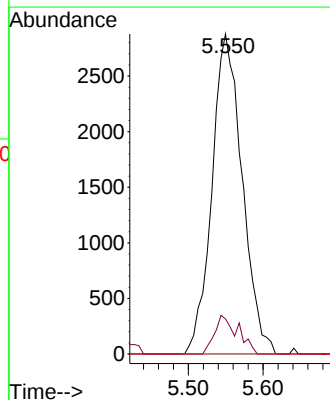
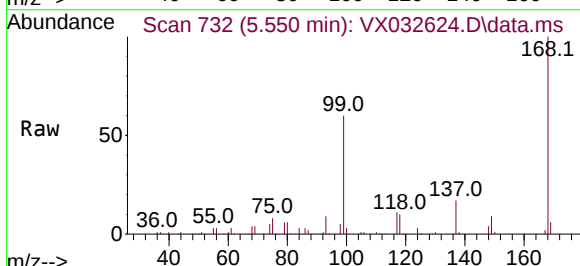
Tgt Ion: 75 Resp: 8096

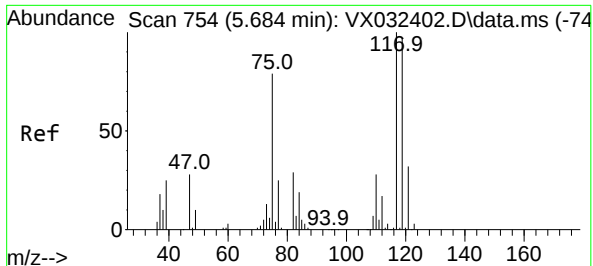
Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.2#

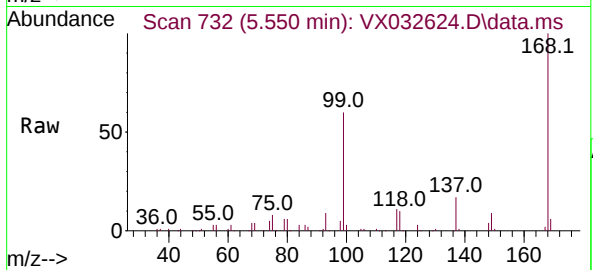
77 0.0 24.5 36.7#



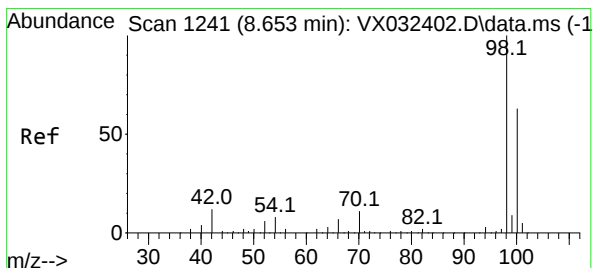
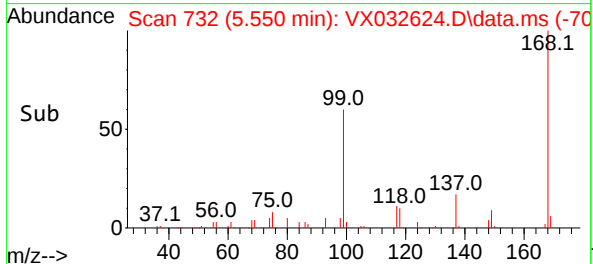
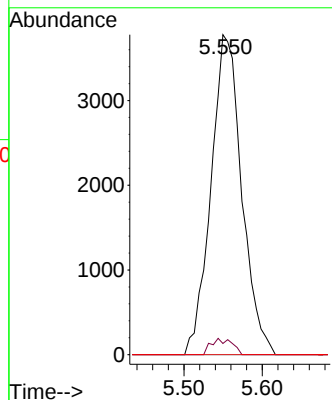


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

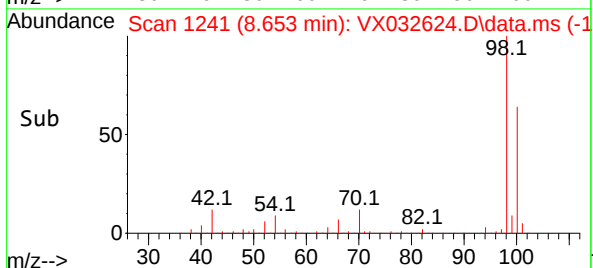
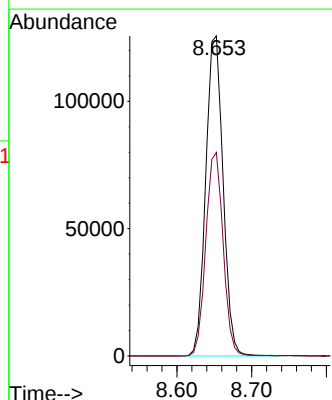
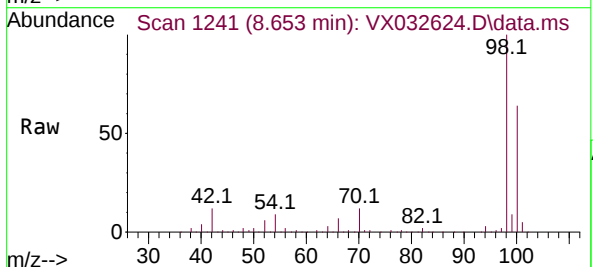


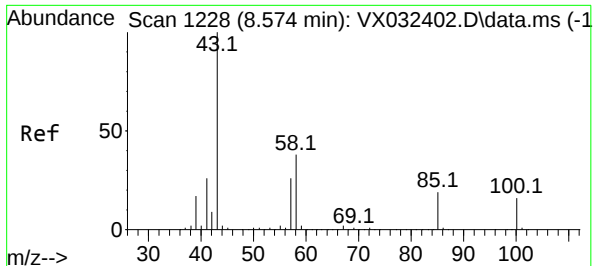
Tgt Ion:117 Resp: 10301
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.955 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 98 Resp: 202292
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.570 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

Instrument :

MSVOA_X

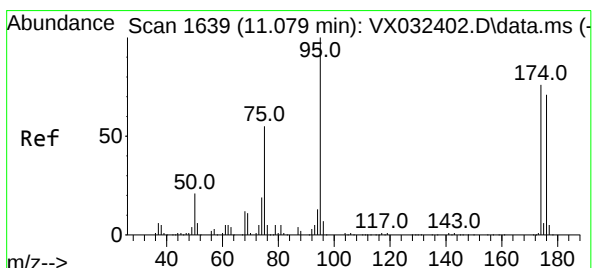
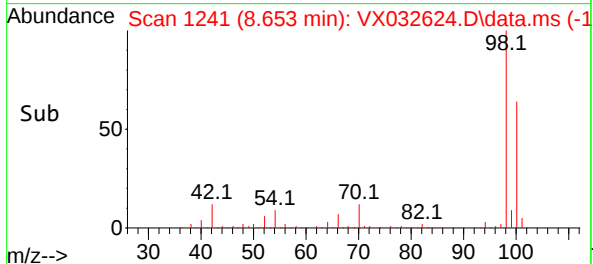
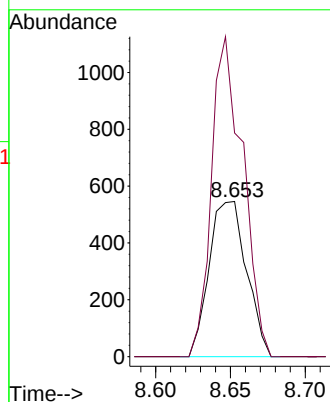
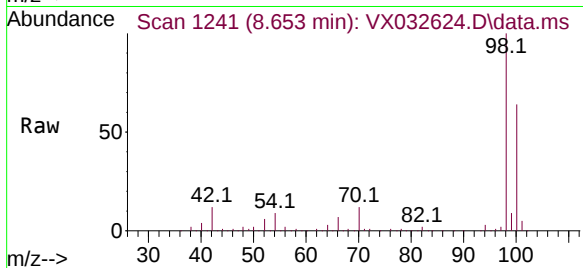
ClientSampleId :

Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

58 173.2 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 47.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032624.D

Acq: 07 Nov 2022 14:04

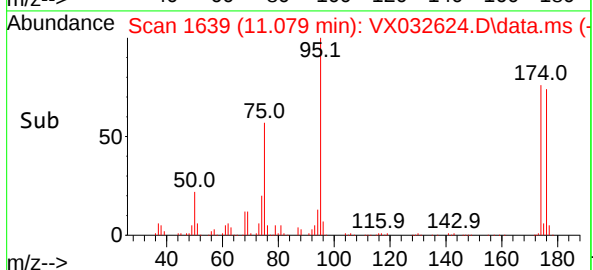
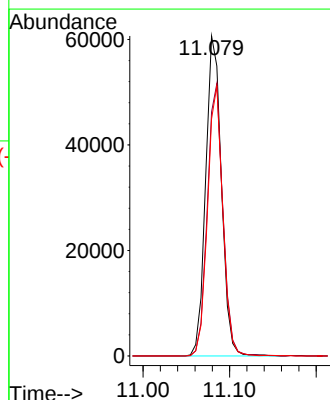
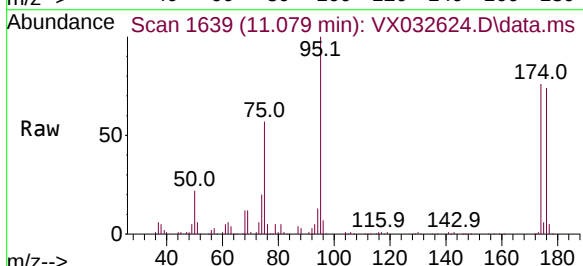
Tgt Ion: 95 Resp: 76578

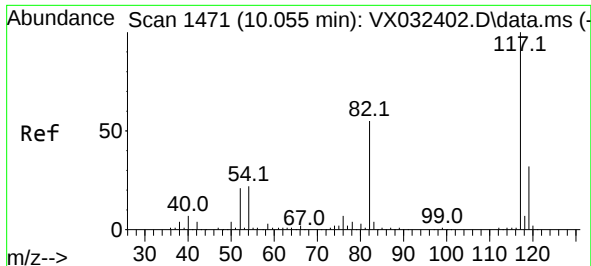
Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

176 81.8 0.0 154.4

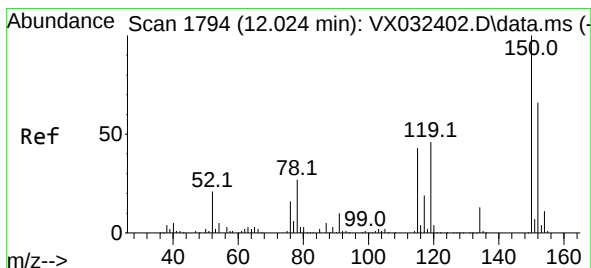
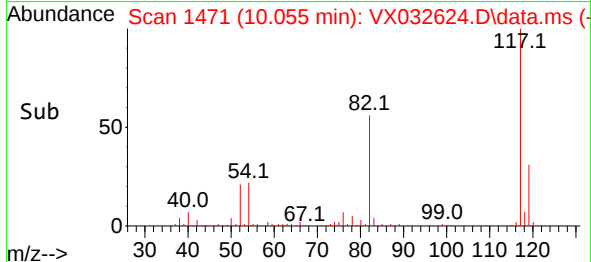
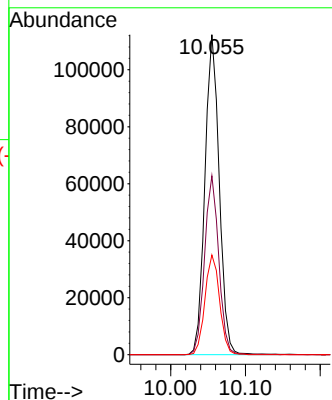
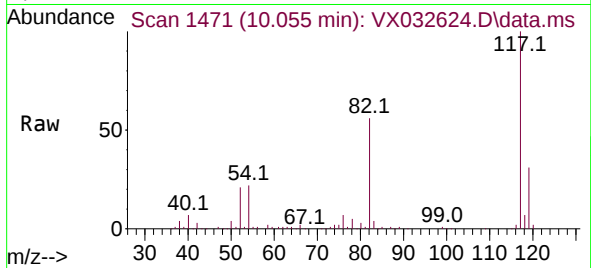




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

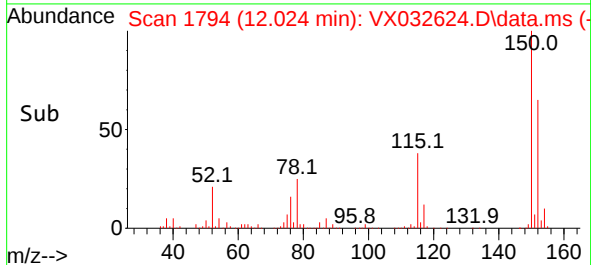
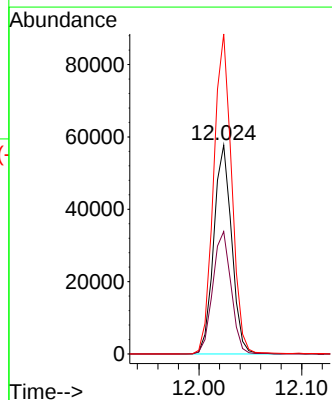
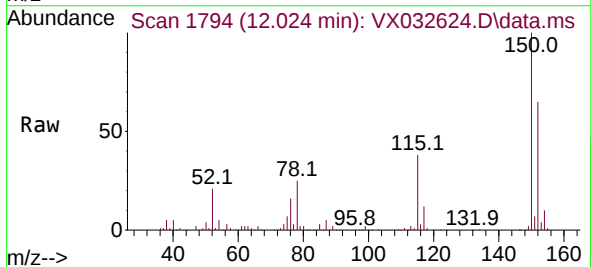
Instrument :
MSVOA_X
ClientSampleId :

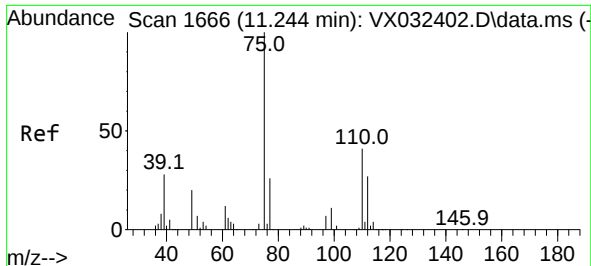
Tgt Ion:117 Resp: 149199
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Tgt Ion:152 Resp: 69624
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 154.9 0.0 351.8

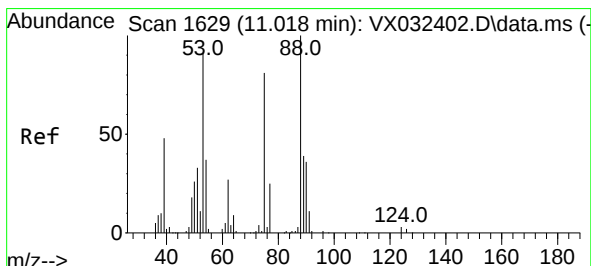
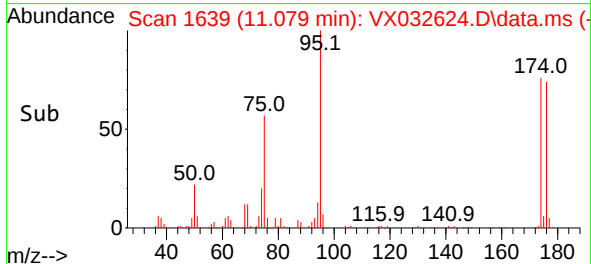
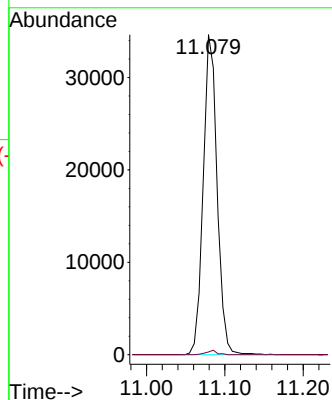
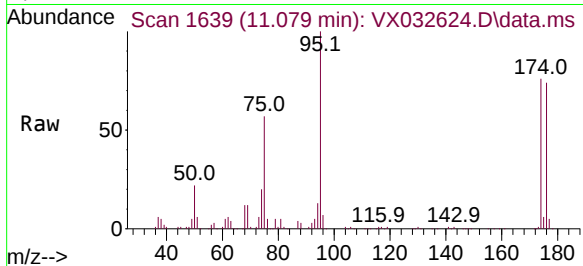




#76
1,2,3-Trichloropropane
Concen: 27.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42604
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032624.D
Acq: 07 Nov 2022 14:04

Tgt Ion: 75 Resp: 42604
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

