

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031730.D
 Acq On : 28 Sep 2022 16:27
 Operator : JC/MD
 Sample : N4846-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20220923

Quant Time: Sep 29 04:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

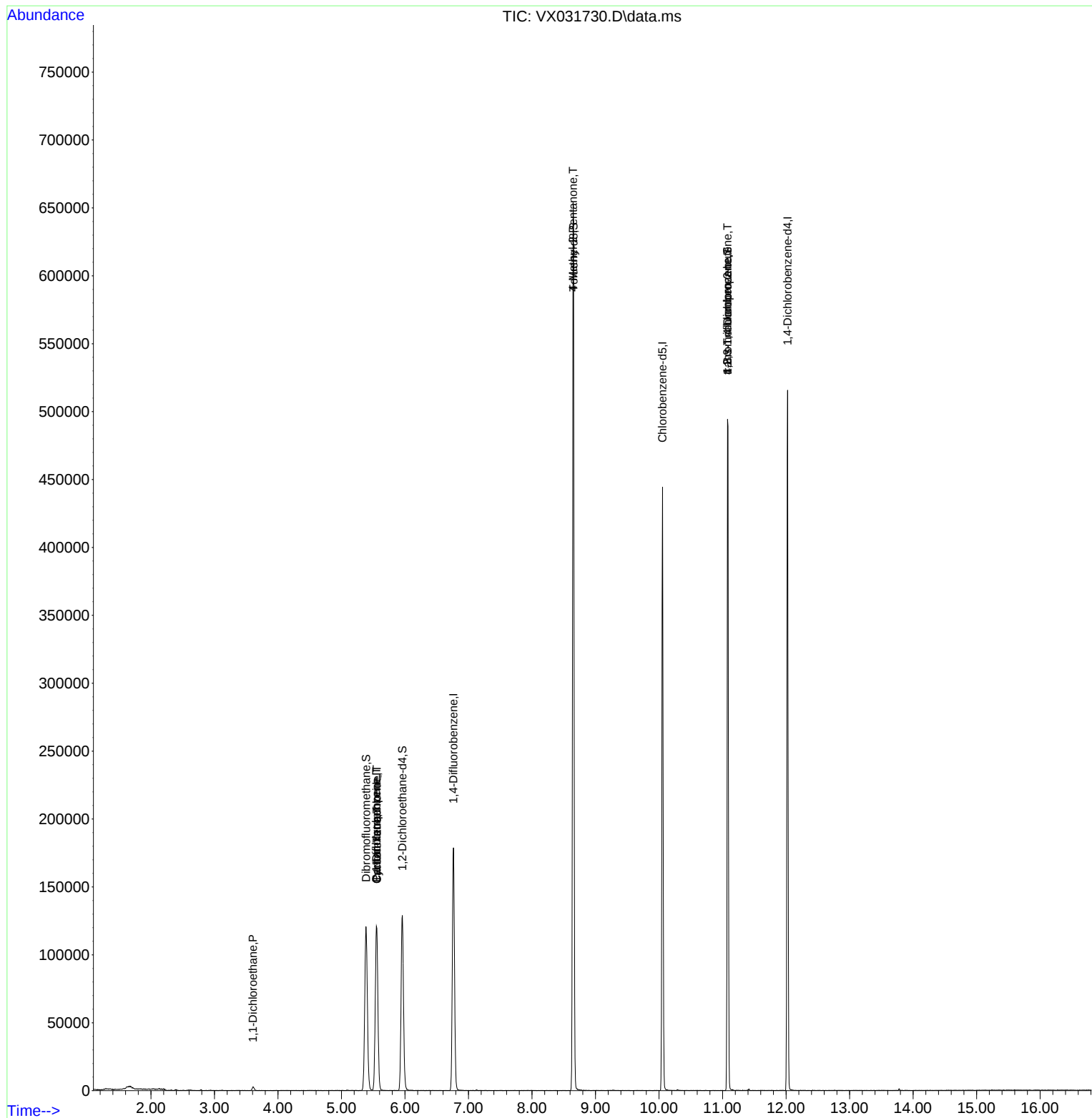
Internal Standards						
1) Pentafluorobenzene	5.550	168	115236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124596	50.943	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.880%
35) Dibromofluoromethane	5.385	113	100108	45.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	8.653	98	382691	48.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.120%
62) 4-Bromofluorobenzene	11.079	95	127020	43.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	333	Below Cal	#	74
5) Bromomethane	1.617	94	297	Below Cal		85
6) Chloroethane	1.642	64	46	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	24	Below Cal	#	73
12) 1,1-Dichloroethene	2.319	96	102	Below Cal	#	60
13) Acrolein	2.197	56	30	Below Cal	#	15
16) Acetone	2.386	43	728	Below Cal		90
17) Carbon Disulfide	2.514	76	79	Below Cal	#	75
20) Methylene Chloride	2.794	84	187	Below Cal	#	79
24) 1,1-Dichloroethane	3.605	63	3066	1.025	ug/l	98
31) Cyclohexane	5.556	56	2527	1.087	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	9286	3.682	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12044	4.237	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1506	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70796	37.804	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	70796	123.810	ug/l #	11

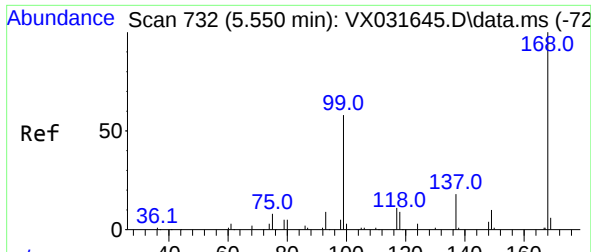
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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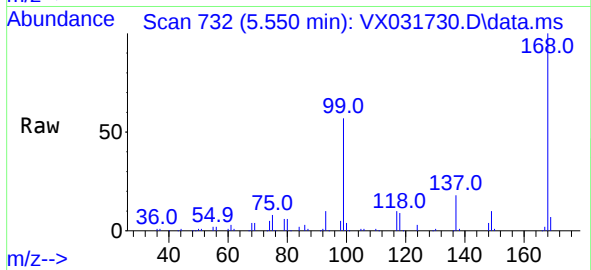
Quant Time: Sep 29 04:32:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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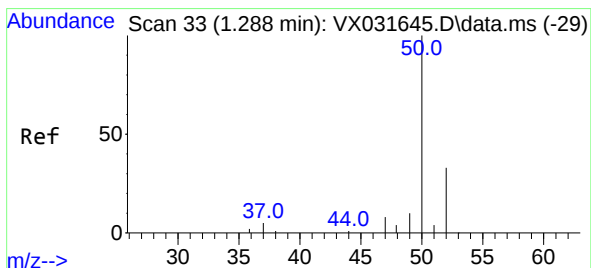
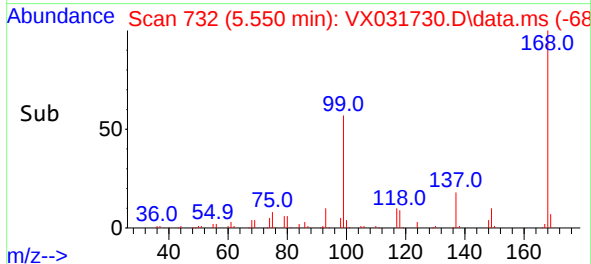
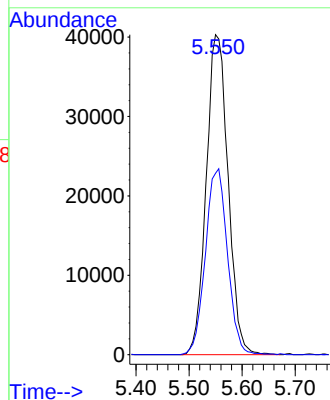


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

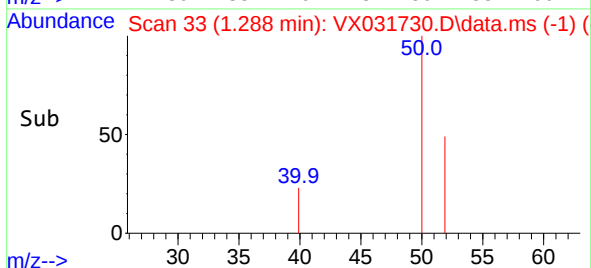
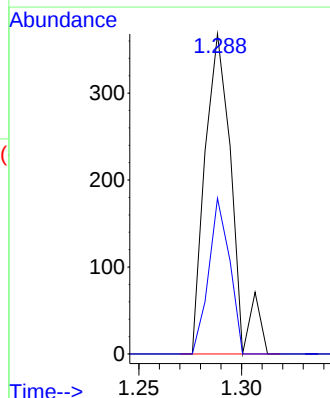
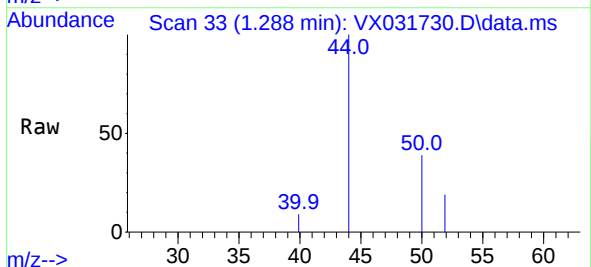


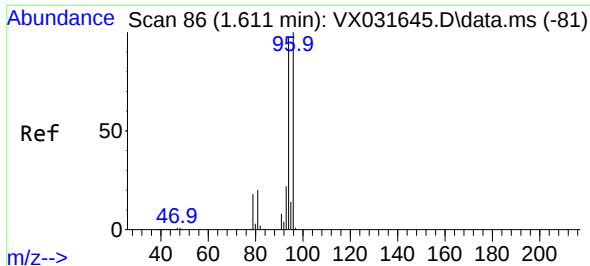
Tgt Ion:168 Resp: 115236
Ion Ratio Lower Upper
168 100
99 56.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 48.6 26.9 40.3#

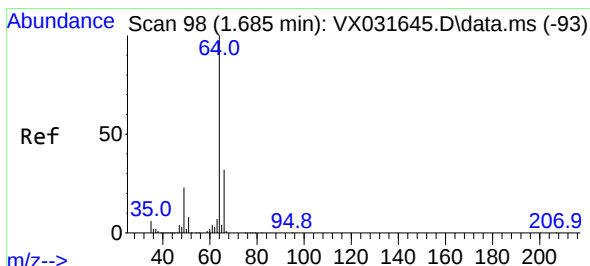
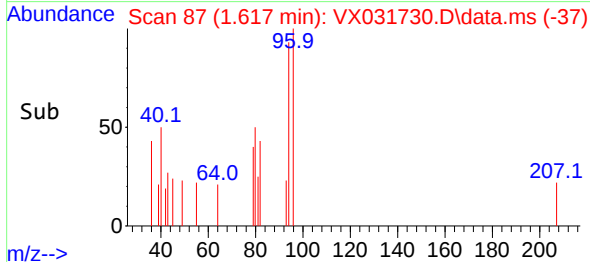
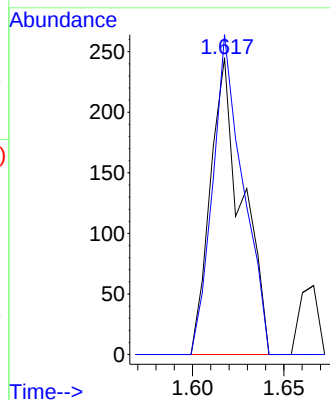
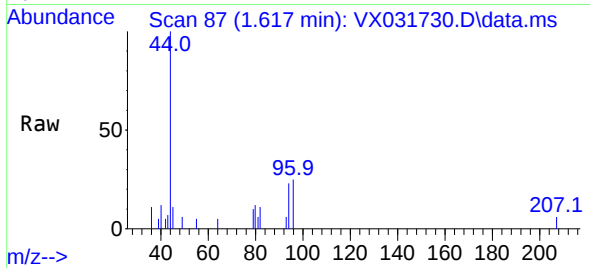




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

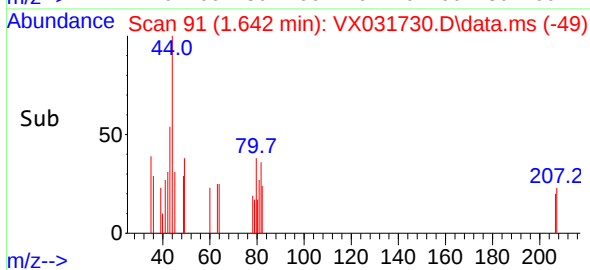
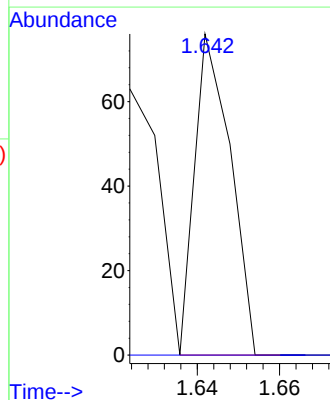
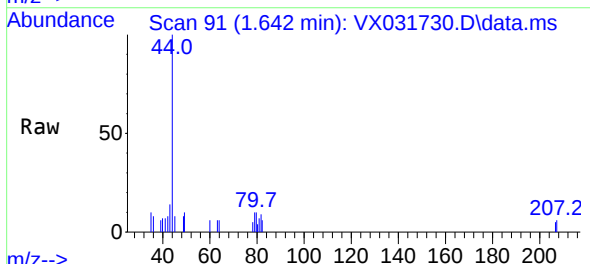
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

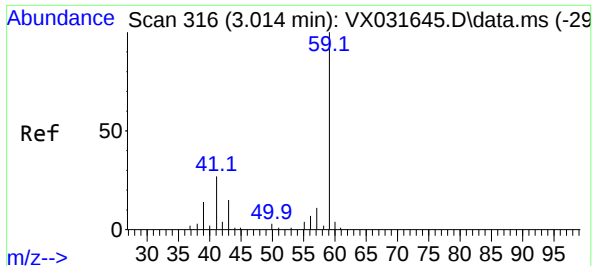
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 107.8 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.043 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX031730.D

Acq: 28 Sep 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

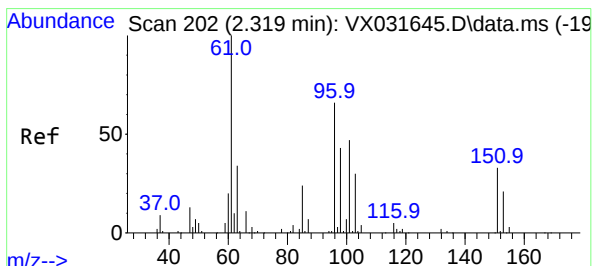
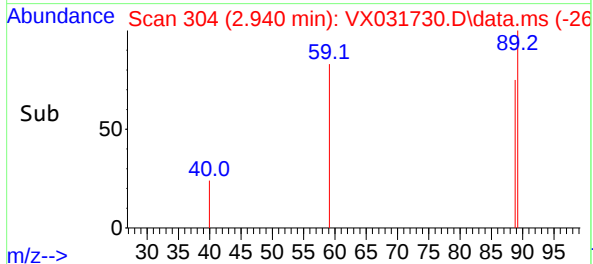
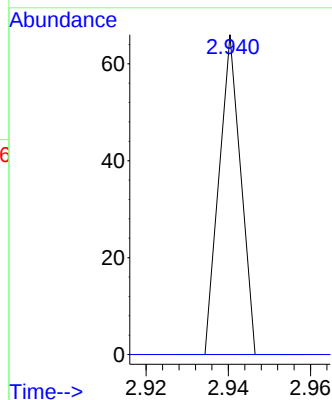
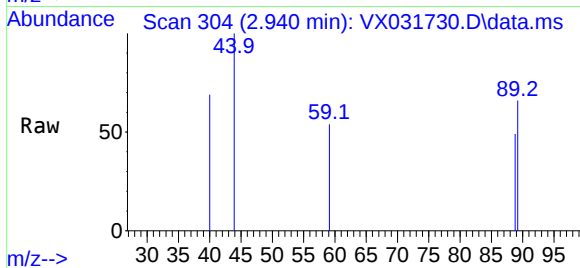
DUP09-20220923

Tgt Ion: 59 Resp: 24

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031730.D

Acq: 28 Sep 2022 16:27

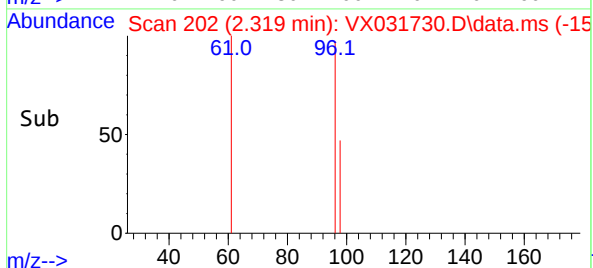
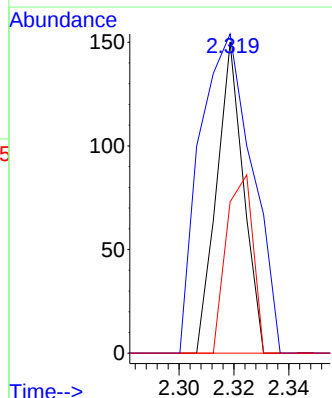
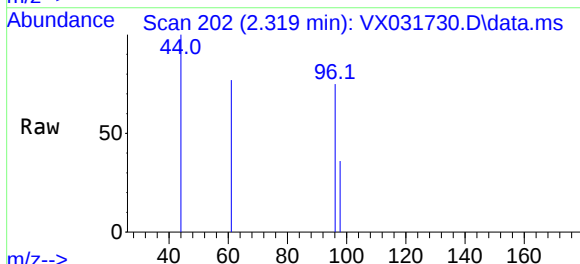
Tgt Ion: 96 Resp: 102

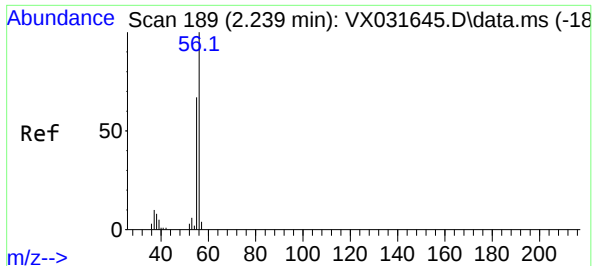
Ion Ratio Lower Upper

96 100

61 102.7 135.3 202.9#

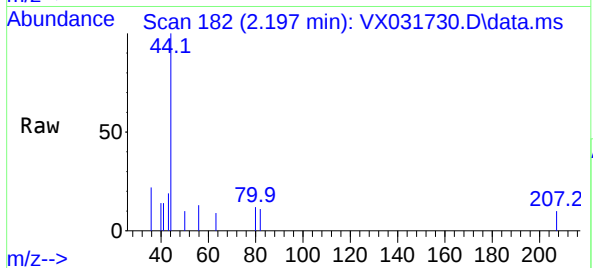
98 48.7 49.4 74.2#



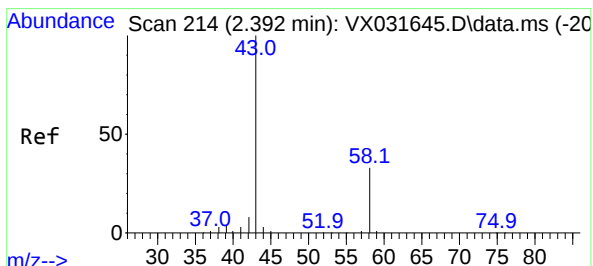
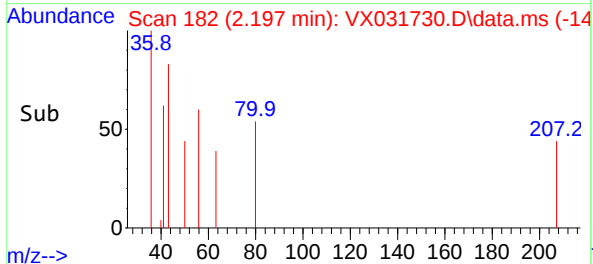
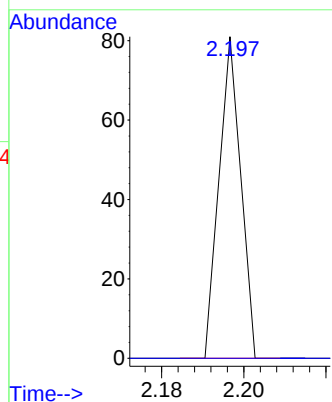


#13
Acrolein
Concen: Below Cal
RT: 2.197 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

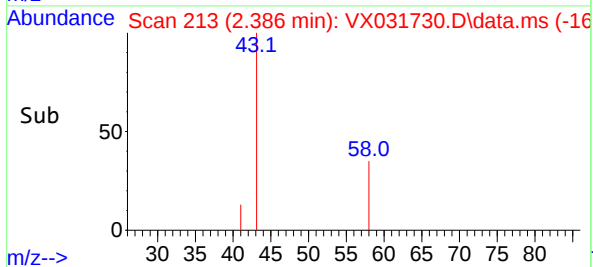
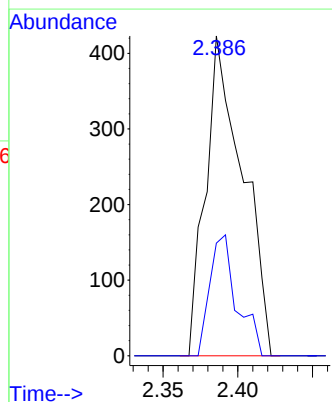
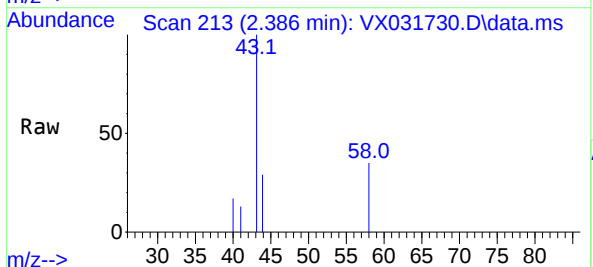


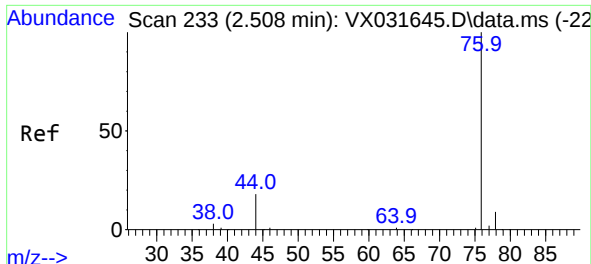
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 35.2 23.8 35.8

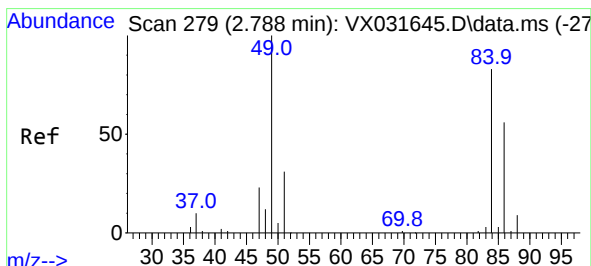
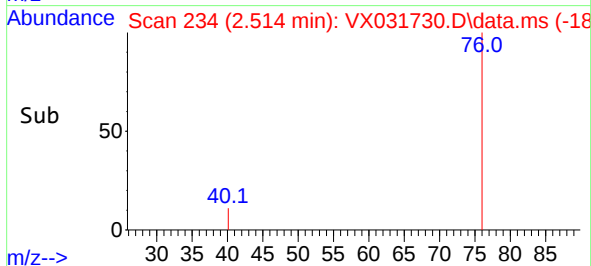
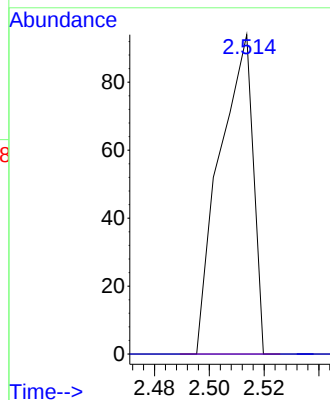
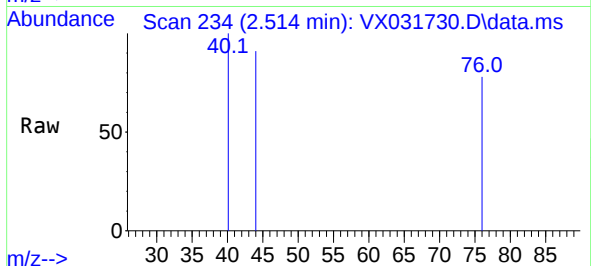




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

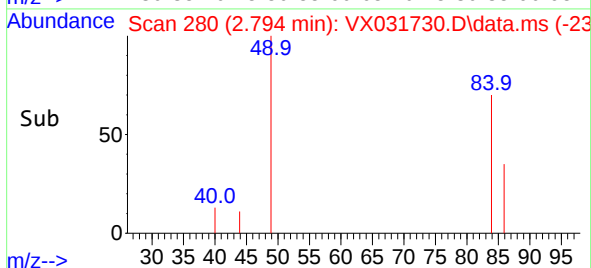
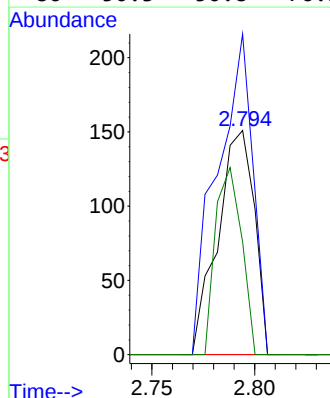
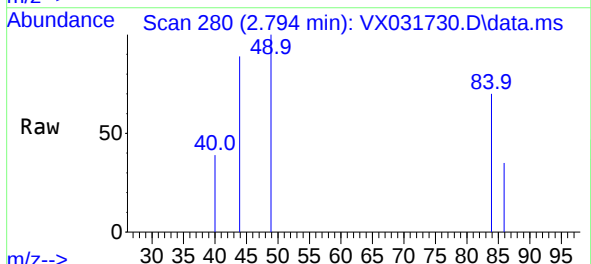
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

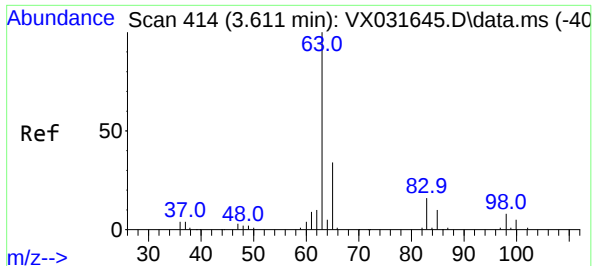
Tgt Ion: 76 Resp: 79
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 84 Resp: 187
Ion Ratio Lower Upper
84 100
49 143.0 105.9 158.9
51 0.0 32.2 48.2#
86 50.3 50.8 76.2#

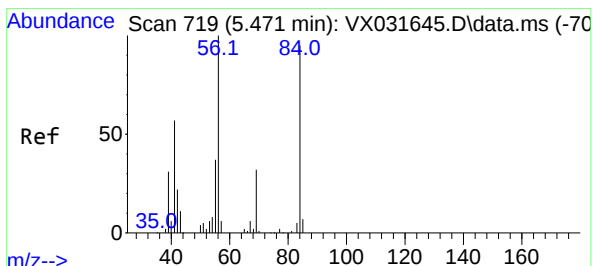
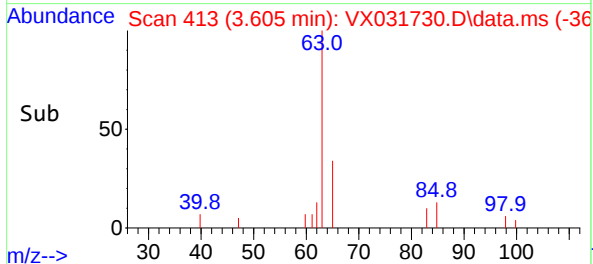
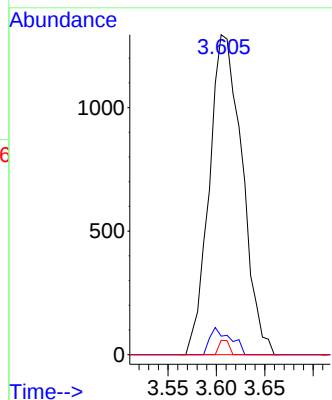
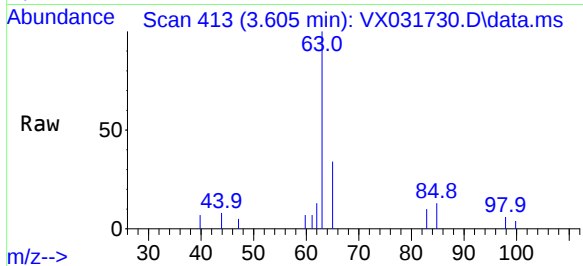




#24
1,1-Dichloroethane
Concen: 1.025 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

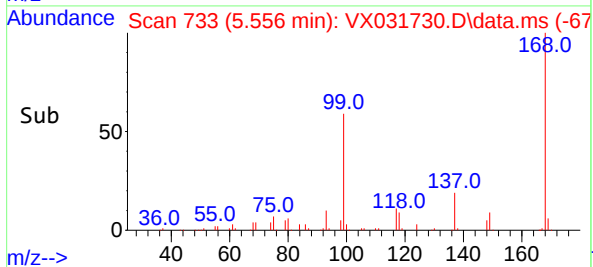
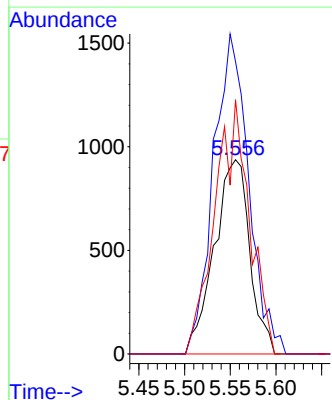
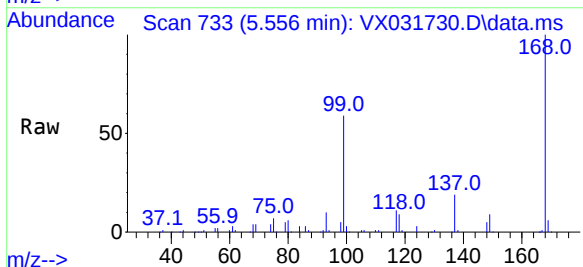
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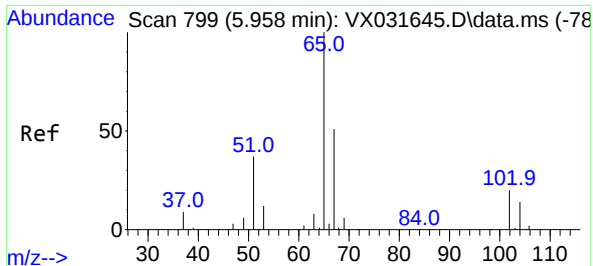
Tgt Ion: 63	Resp: 3066
Ion Ratio	Lower Upper
63 100	
98 5.8	3.5 10.4
100 4.5	2.4 7.2



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 56	Resp: 2527
Ion Ratio	Lower Upper
56 100	
69 150.5	25.1 37.7#
84 130.9	70.2 105.4#

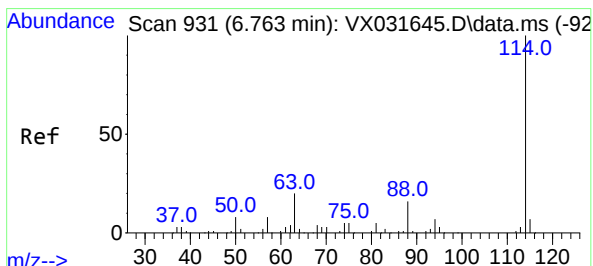
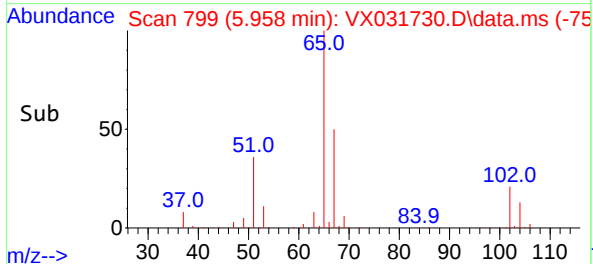
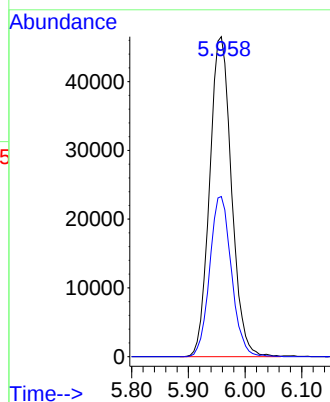
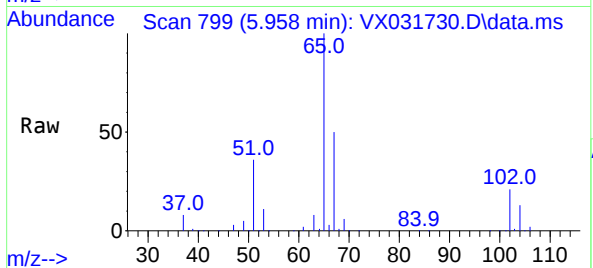




#33
1,2-Dichloroethane-d4
Concen: 50.943 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

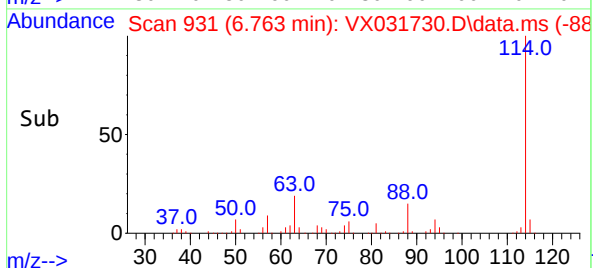
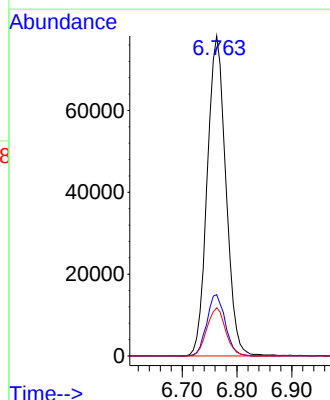
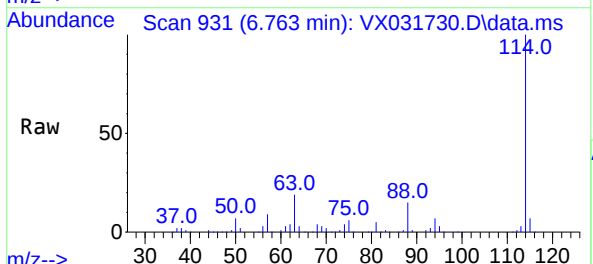
Instrument :
MSVOA_X
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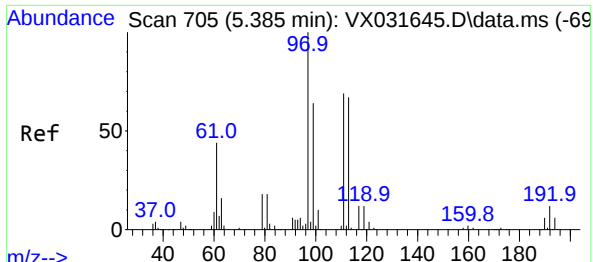
Tgt Ion: 65 Resp: 124596
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 114 Resp: 184330
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.580 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031730.D

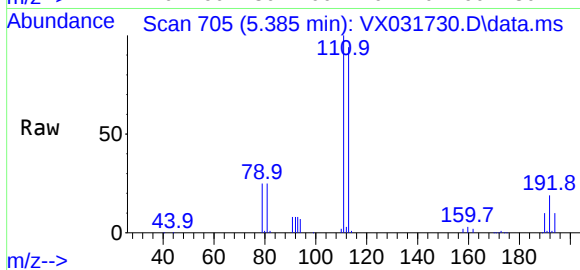
Acq: 28 Sep 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

DUP09-20220923



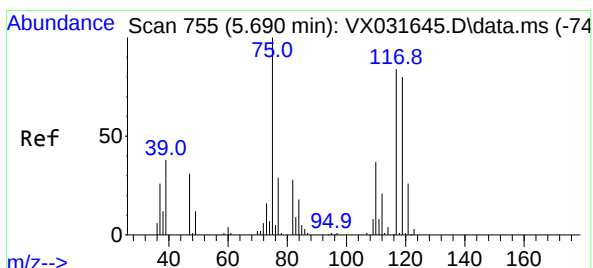
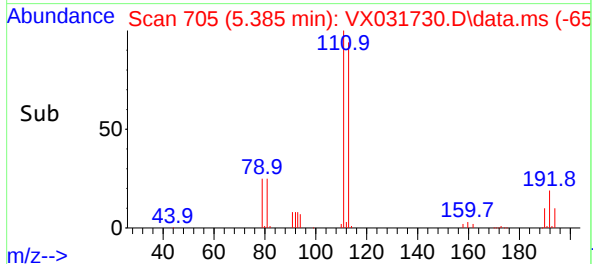
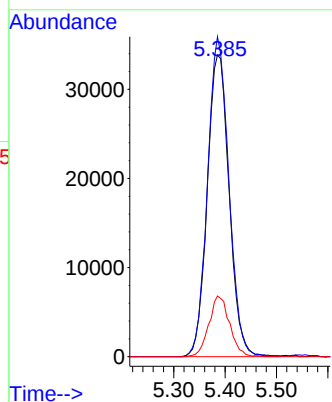
Tgt Ion:113 Resp: 100108

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 19.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.682 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031730.D

Acq: 28 Sep 2022 16:27

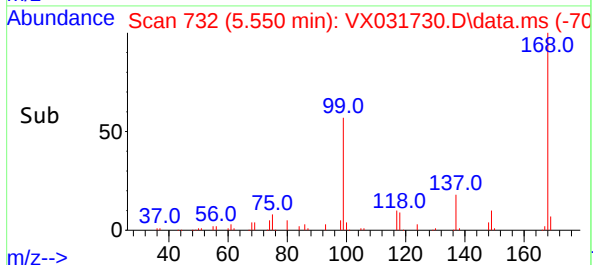
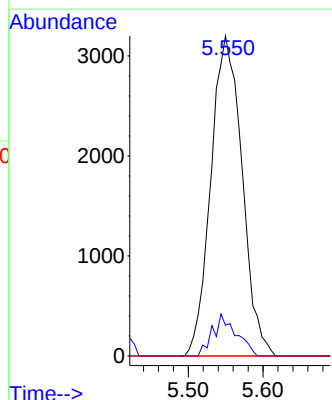
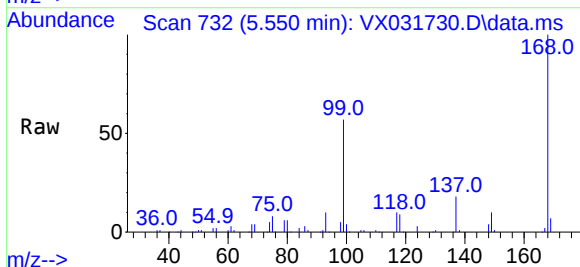
Tgt Ion: 75 Resp: 9286

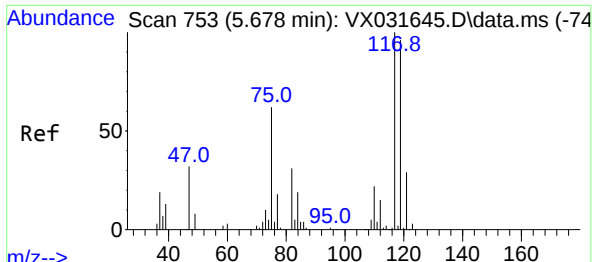
Ion Ratio Lower Upper

75 100

110 9.8 17.5 52.5#

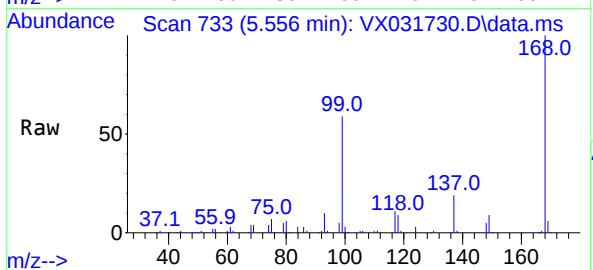
77 0.0 24.9 37.3#



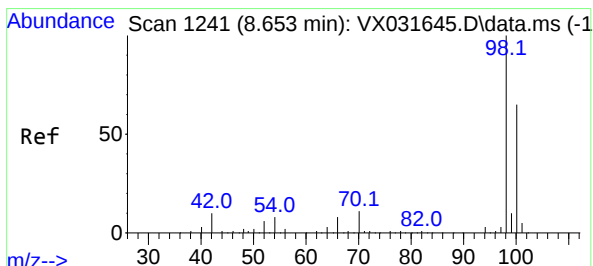
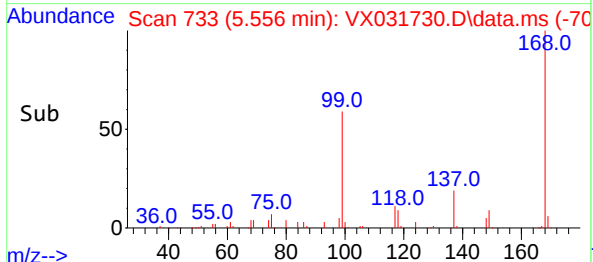
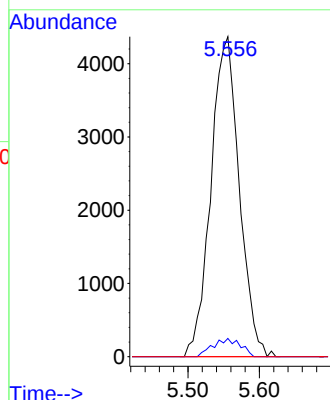


#38
Carbon Tetrachloride
Concen: 4.237 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

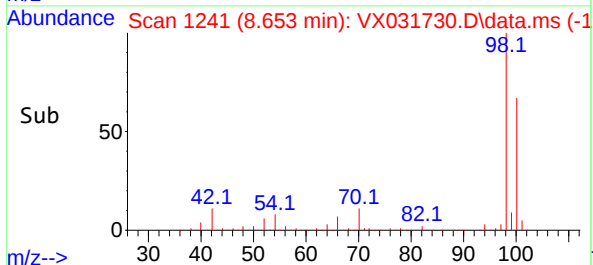
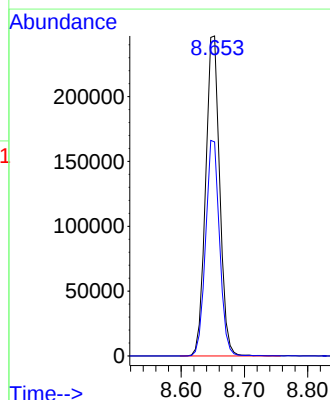
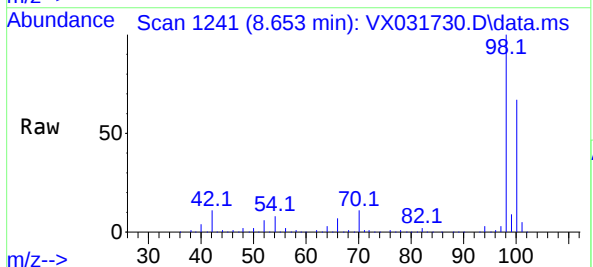


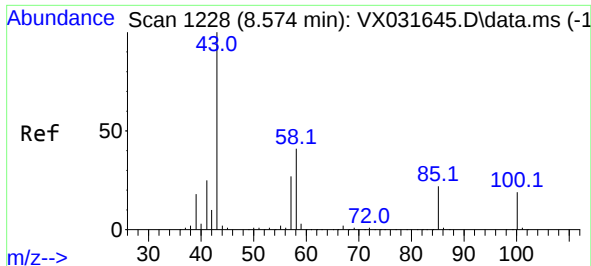
Tgt Ion:117 Resp: 12044
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.061 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 98 Resp: 382691
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031730.D

Acq: 28 Sep 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

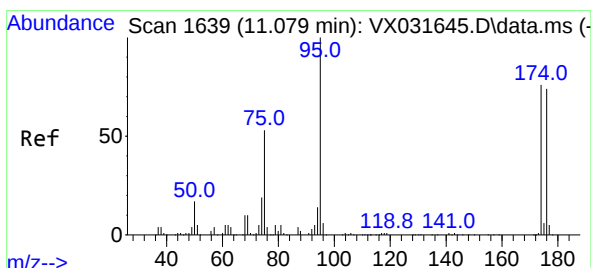
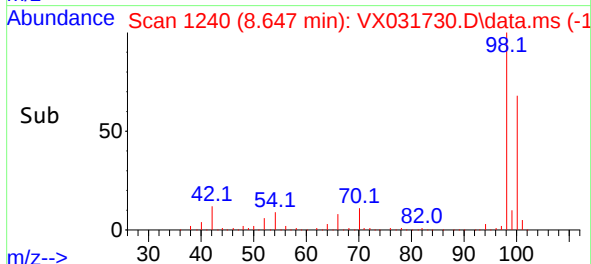
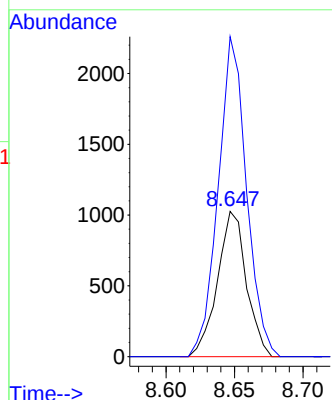
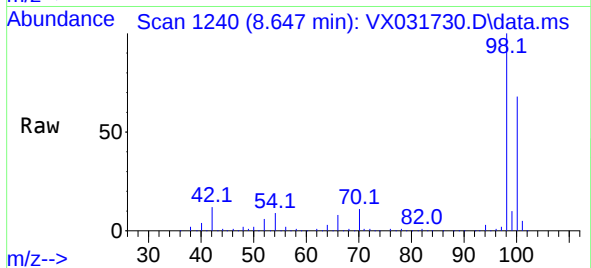
DUP09-20220923

Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 215.9 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 43.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031730.D

Acq: 28 Sep 2022 16:27

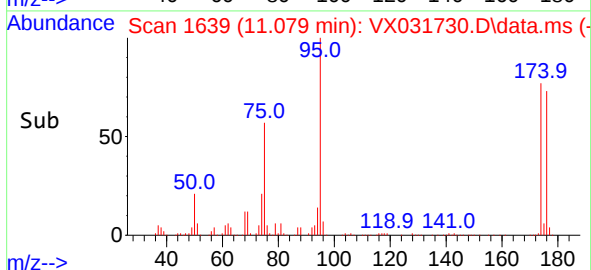
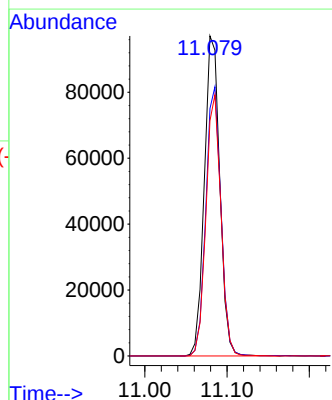
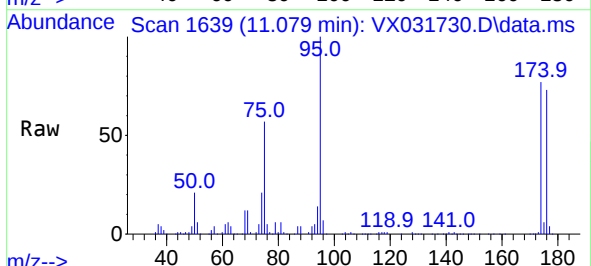
Tgt Ion: 95 Resp: 127020

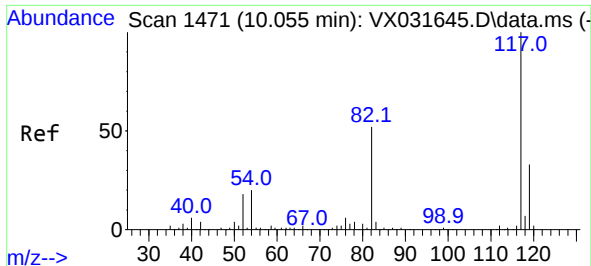
Ion Ratio Lower Upper

95 100

174 82.0 0.0 153.2

176 79.0 0.0 144.0

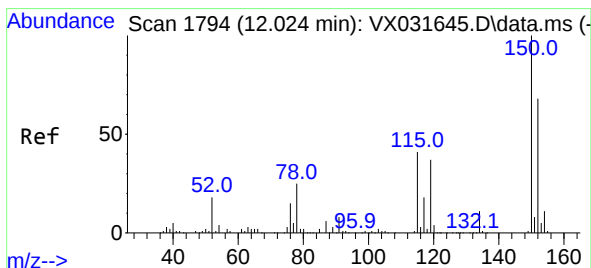
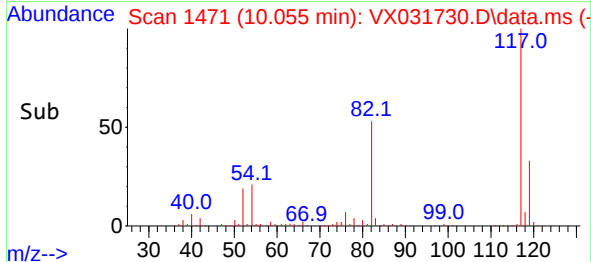
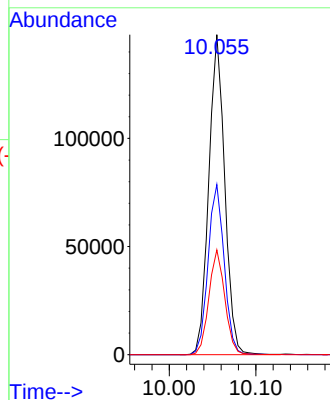
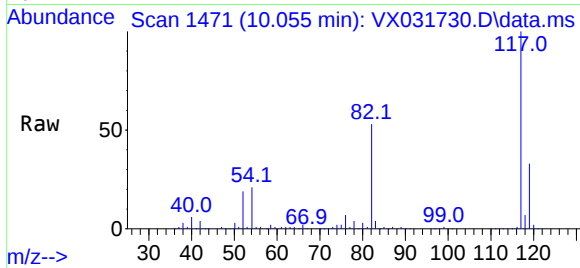




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

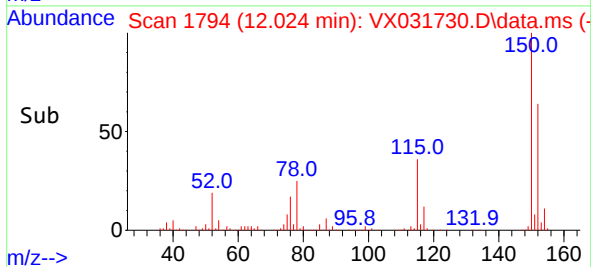
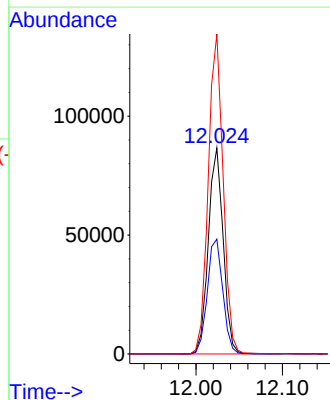
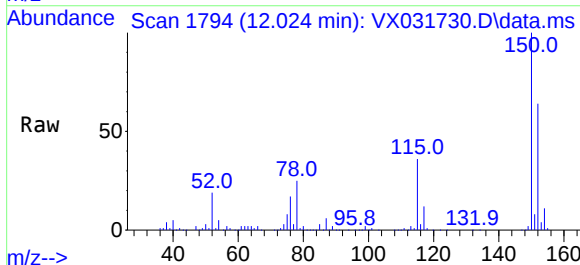
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

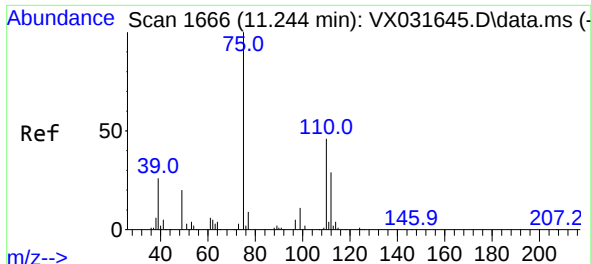
Tgt Ion:117 Resp: 189428
Ion Ratio Lower Upper
117 100
82 53.1 46.8 70.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion:152 Resp: 103301
Ion Ratio Lower Upper
152 100
115 58.2 43.4 130.1
150 155.6 0.0 346.8

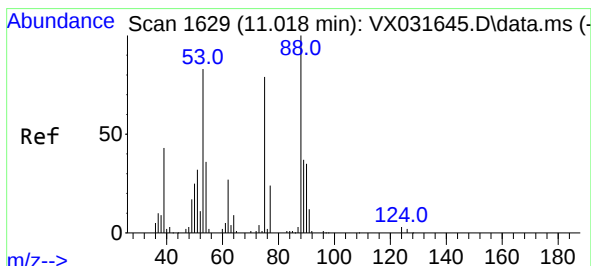
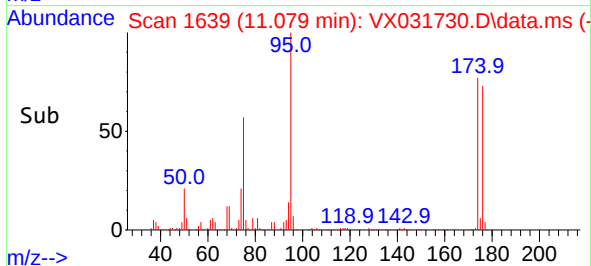
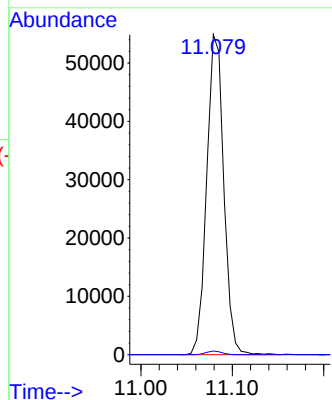
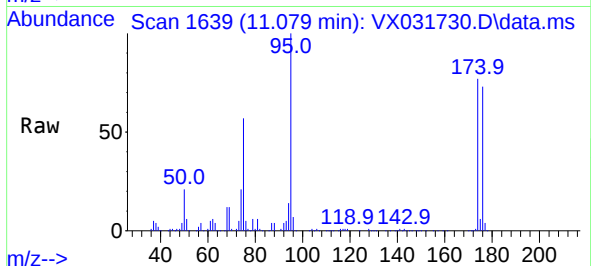




#76
1,2,3-Trichloropropane
Concen: 37.804 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20220923

Tgt Ion: 75 Resp: 70796
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031730.D
Acq: 28 Sep 2022 16:27

Tgt Ion: 75 Resp: 70796
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

