

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027830.D
 Acq On : 30 Mar 2022 23:40
 Operator : JC/MD
 Sample : N2041-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220317DL

Quant Time: Mar 31 07:32:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

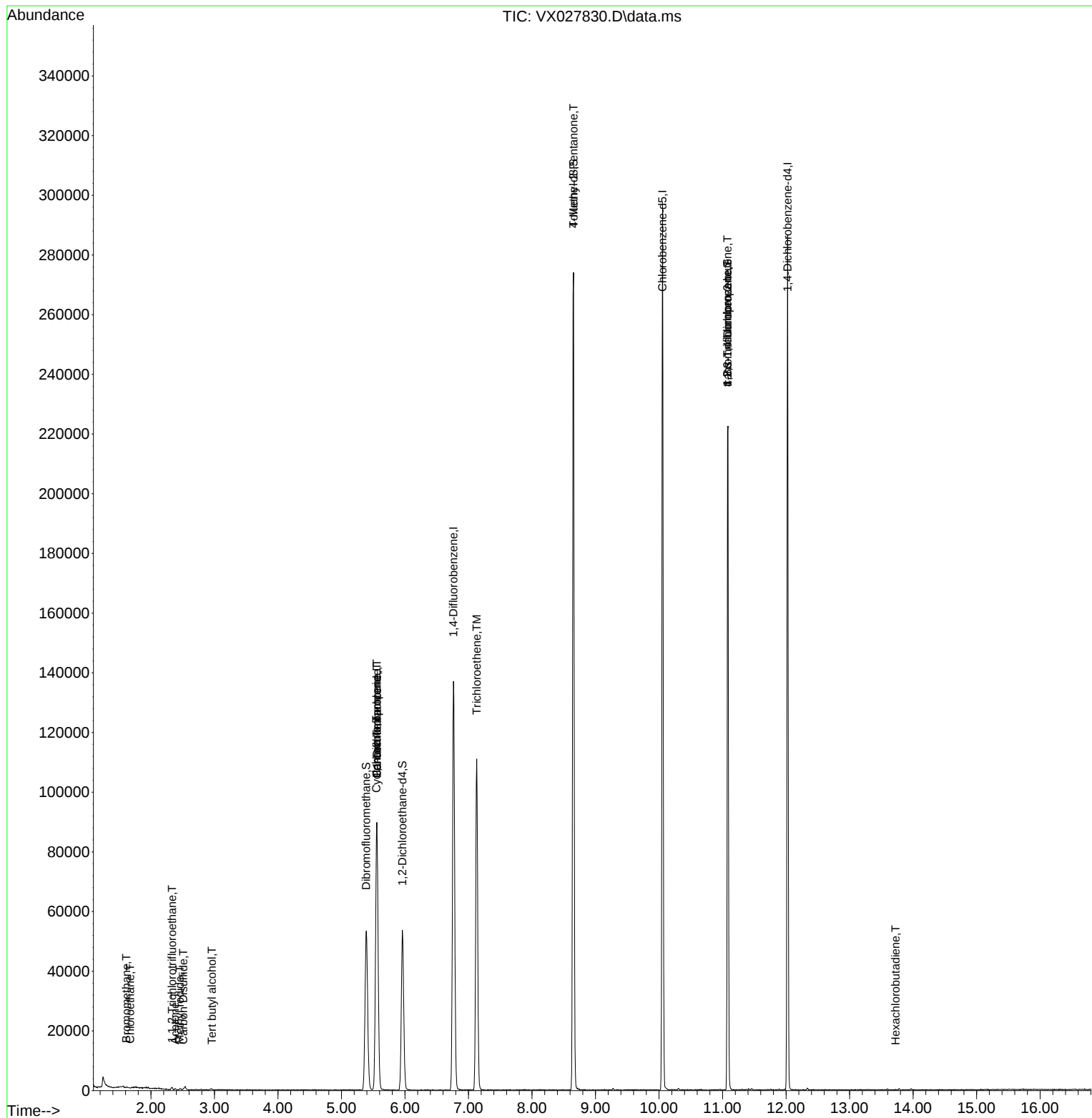
Internal Standards						
1) Pentafluorobenzene	5.556	168	82237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52600	49.572	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.140%
35) Dibromofluoromethane	5.385	113	46396	51.148	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.300%
50) Toluene-d8	8.653	98	157822	49.449	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	62382	45.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.980%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	219	0.719	ug/l	98
6) Chloroethane	1.672	64	109	0.239	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	371	0.482	ug/l	# 83
10) Methyl Iodide	2.453	142	469	0.524	ug/l	# 85
11) Tert butyl alcohol	2.959	59	268	1.315	ug/l	# 72
16) Acetone	2.380	43	381	0.811	ug/l	# 39
17) Carbon Disulfide	2.508	76	368	0.255	ug/l	# 75
31) Cyclohexane	5.550	56	1739	1.483	ug/l	# 28
36) 1,1-Dichloropropene	5.556	75	6332	5.542	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8688	6.883	ug/l	# 18
44) Trichloroethene	7.129	130	41847	44.475	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	784	0.498	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	34935	27.459	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34935	80.279	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	63	0.941	ug/l	# 46

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

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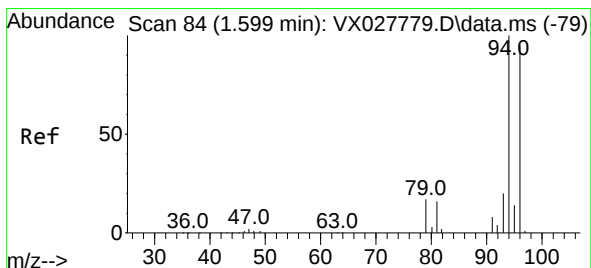
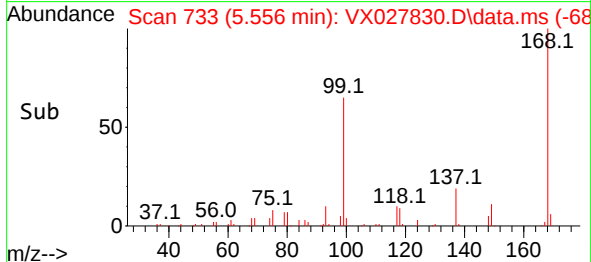
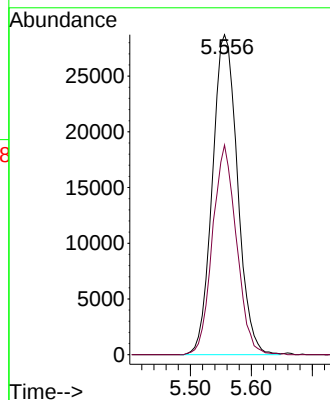
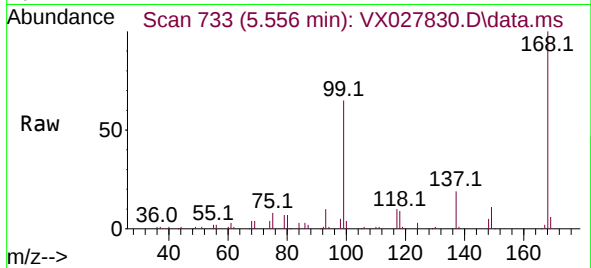




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

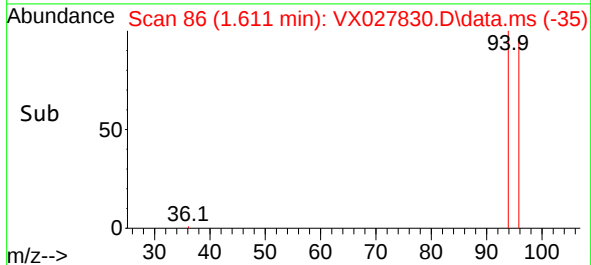
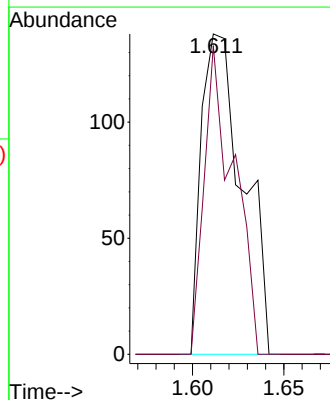
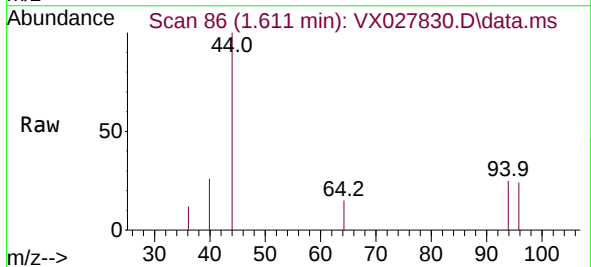
Instrument : MSVOA_X
ClientSampleId : DUP01-20220317DL

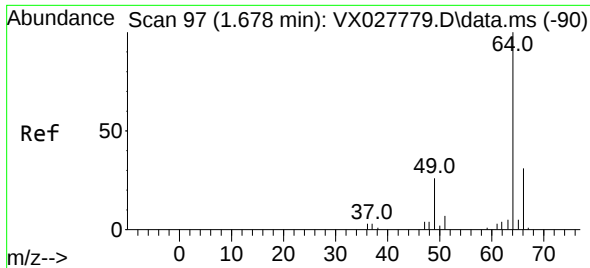
Tgt Ion:168 Resp: 82237
Ion Ratio Lower Upper
168 100
99 65.5 41.7 62.5#



#5
Bromomethane
Concen: 0.719 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 96.4 75.3 112.9

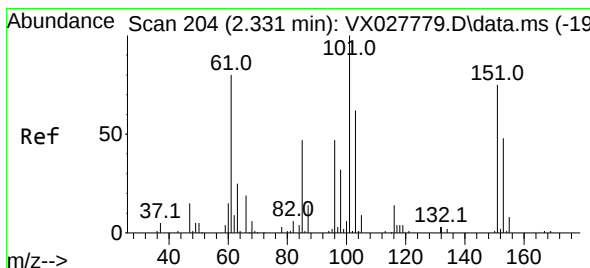
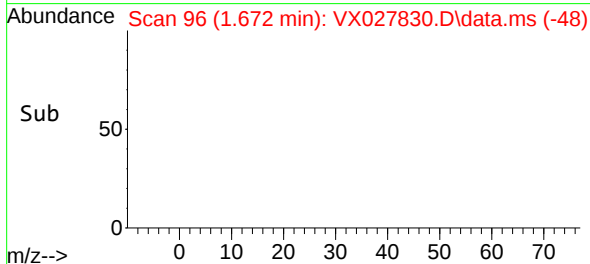
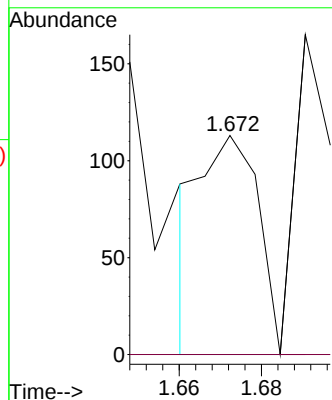
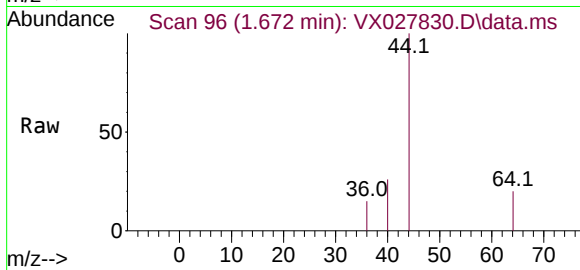




#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

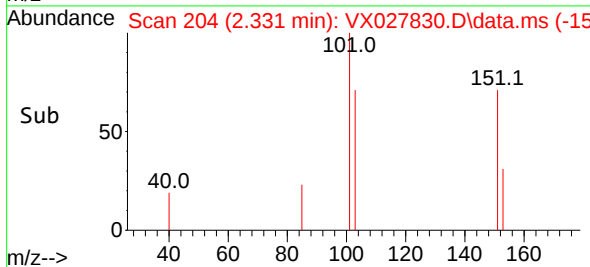
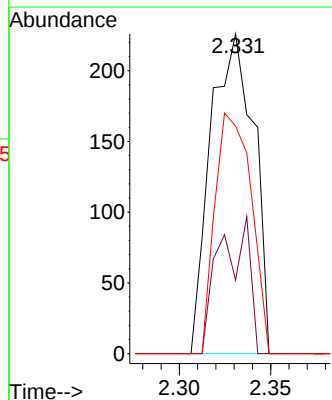
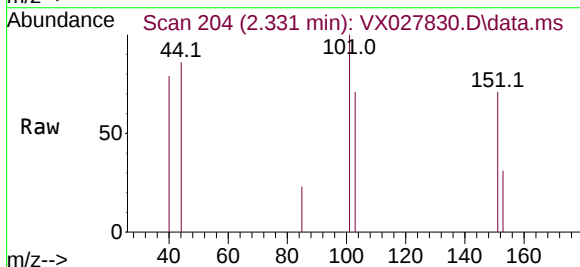
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

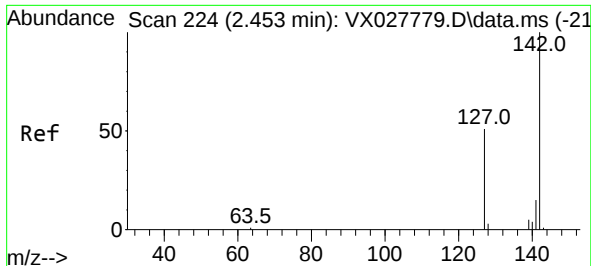
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.482 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

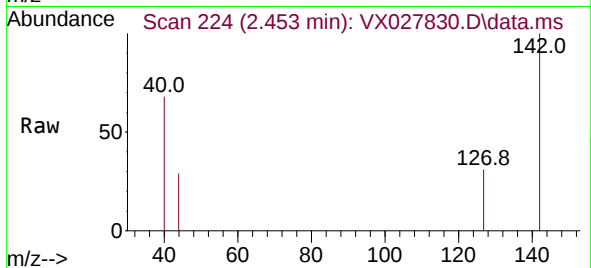
Tgt Ion: 101 Resp: 371
Ion Ratio Lower Upper
101 100
85 29.6 33.5 50.3#
151 63.3 61.8 92.6



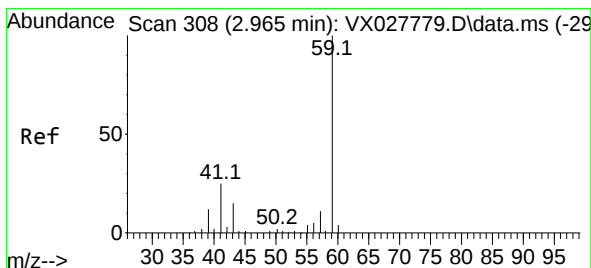
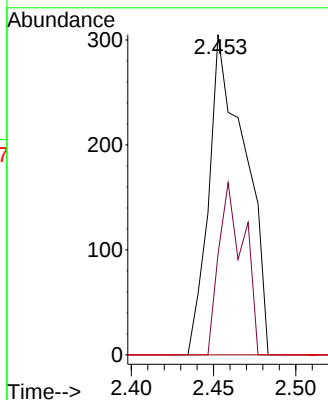
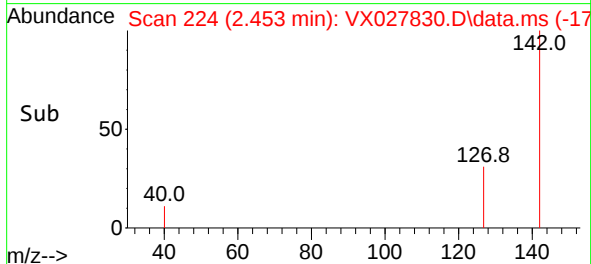


#10
Methyl Iodide
Concen: 0.524 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

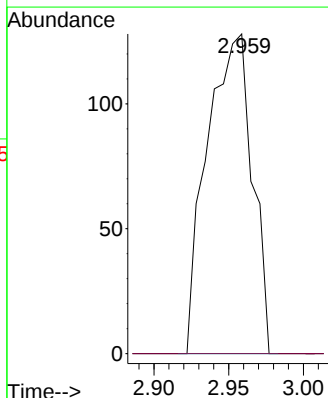
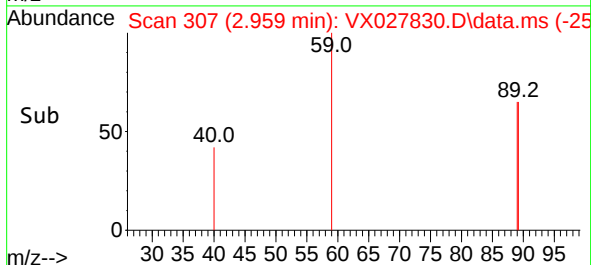
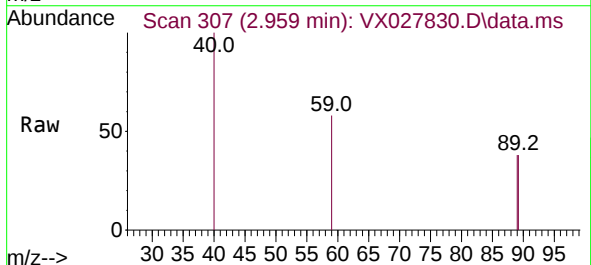


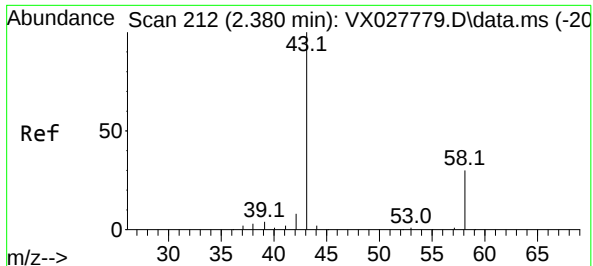
Tgt Ion:142 Resp: 469
Ion Ratio Lower Upper
142 100
127 37.1 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.315 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

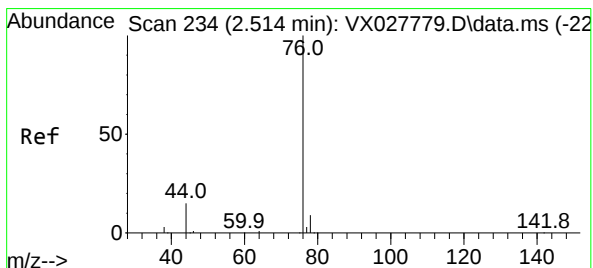
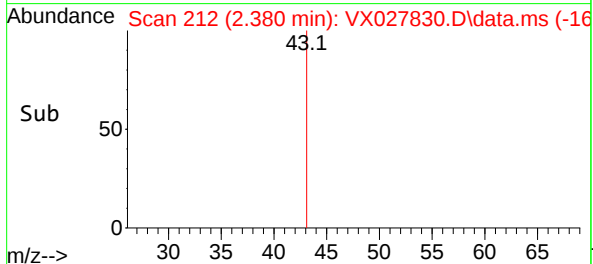
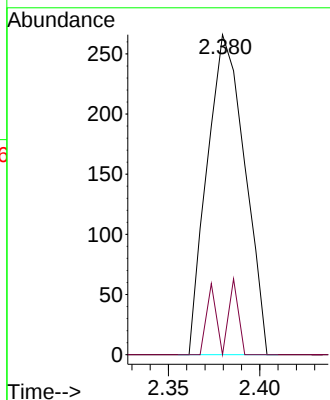
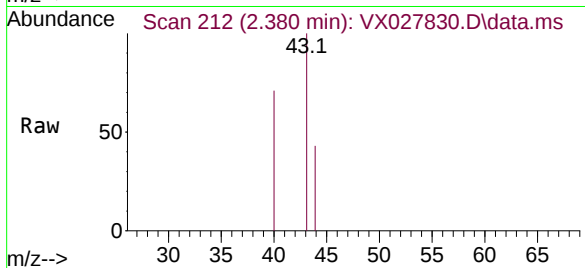




#16
Acetone
Concen: 0.811 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

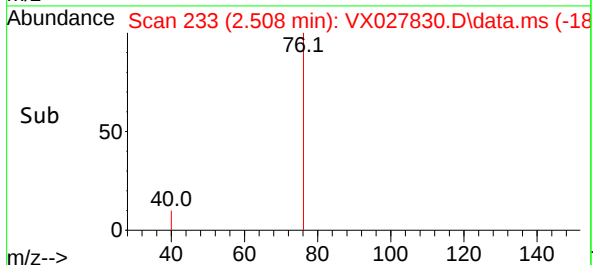
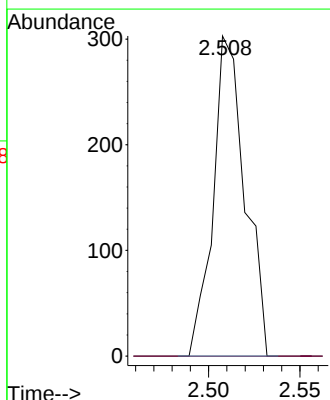
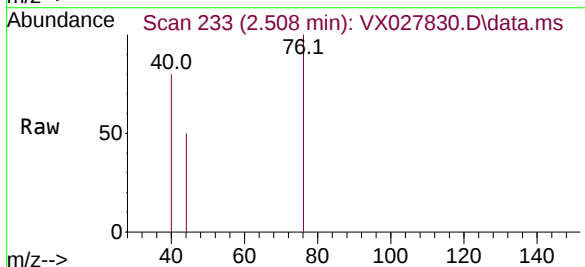
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

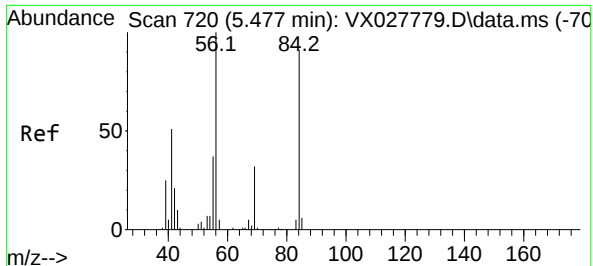
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 76 Resp: 368
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

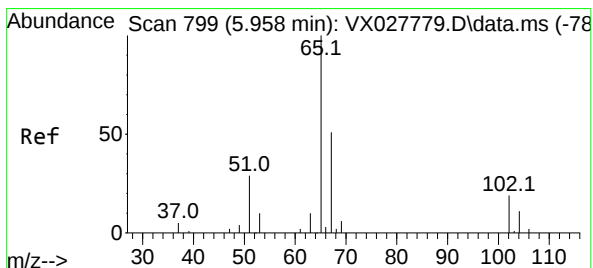
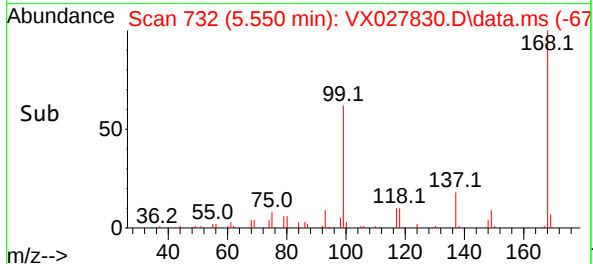
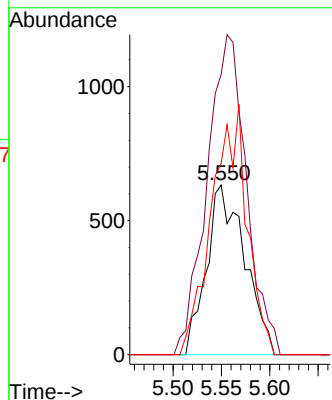
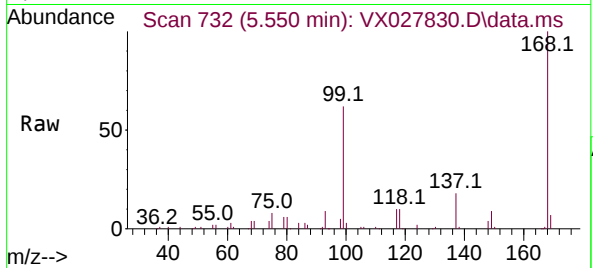




#31
Cyclohexane
Concen: 1.483 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

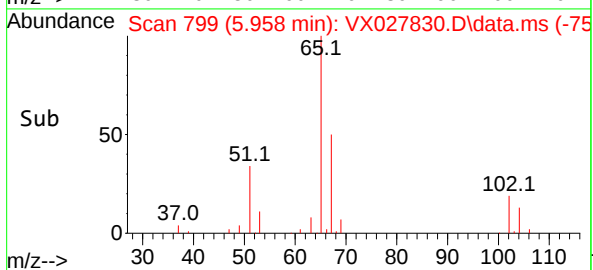
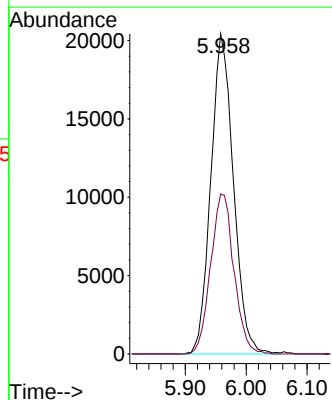
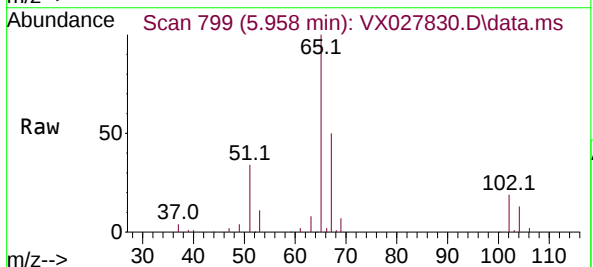
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

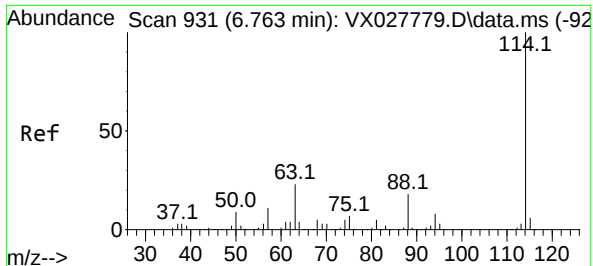
Tgt Ion: 56 Resp: 1739
Ion Ratio Lower Upper
56 100
69 165.2 26.7 40.1#
84 112.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 49.572 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 65 Resp: 52600
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX027830.D

Acq: 30 Mar 2022 23:40

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220317DL

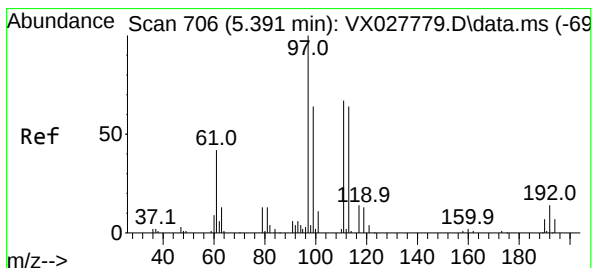
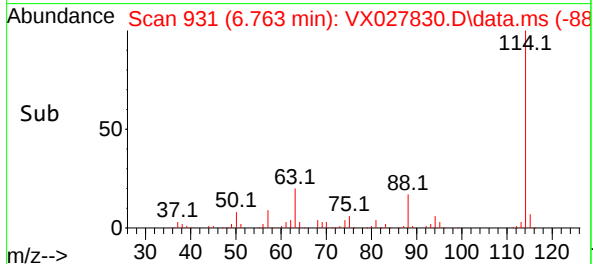
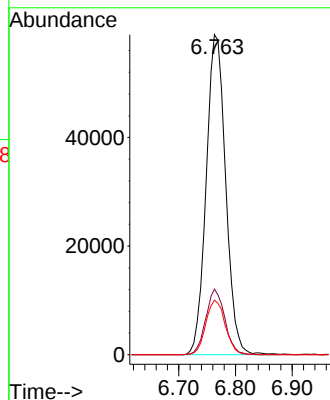
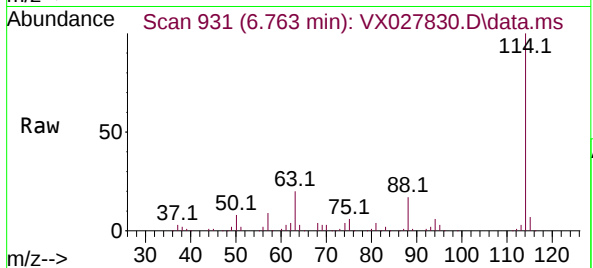
Tgt Ion:114 Resp: 140532

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 17.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 51.148 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027830.D

Acq: 30 Mar 2022 23:40

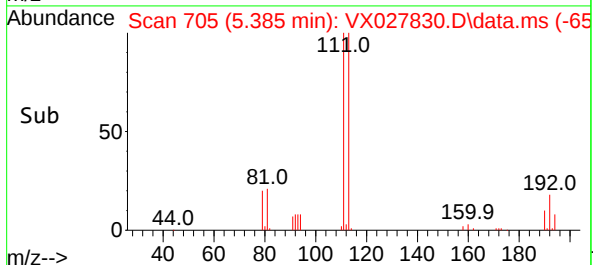
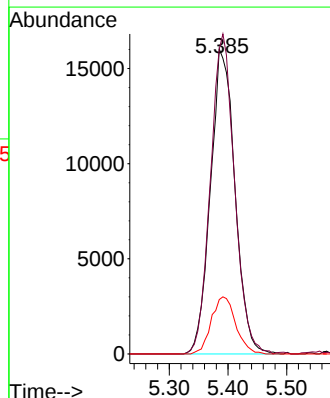
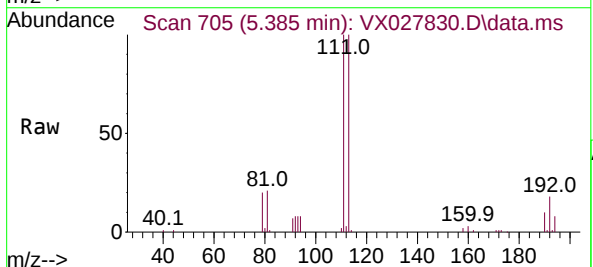
Tgt Ion:113 Resp: 46396

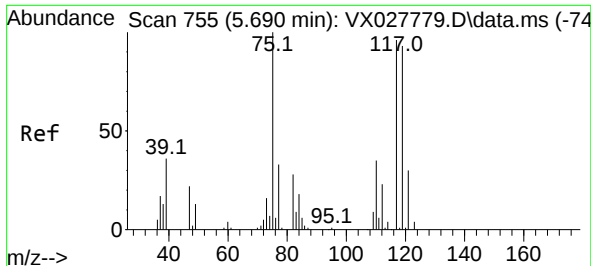
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 18.6 16.9 25.3

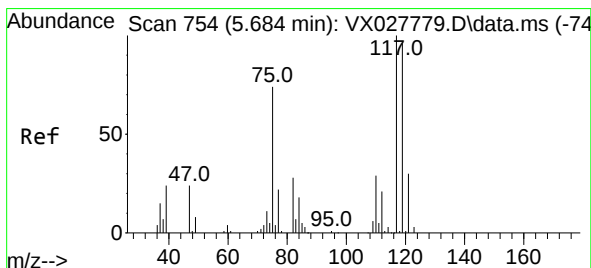
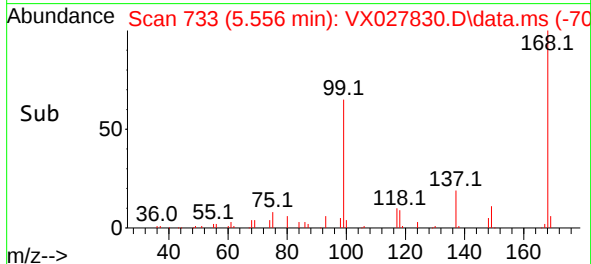
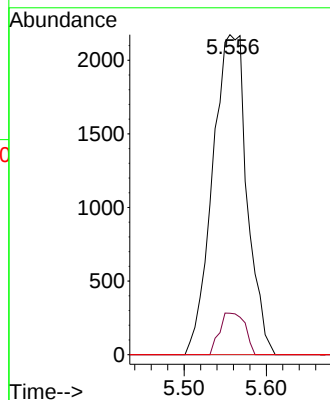
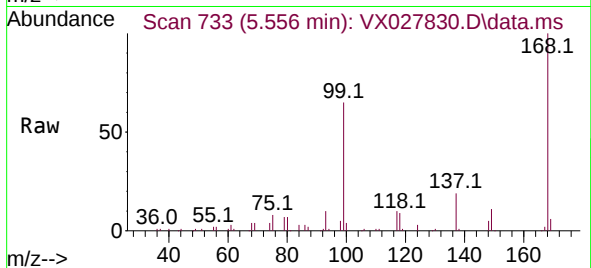




#36
1,1-Dichloropropene
Concen: 5.542 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

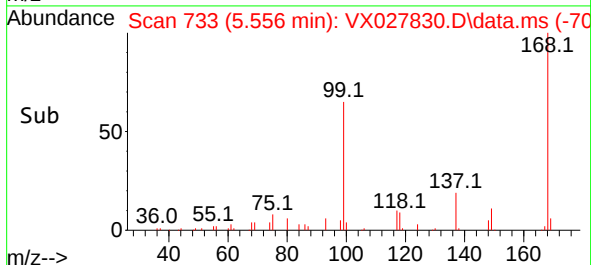
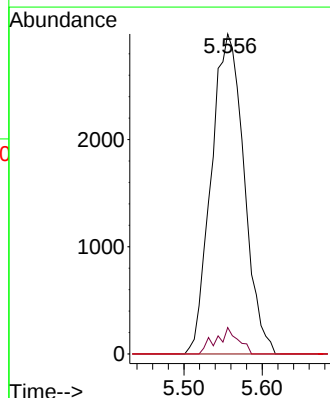
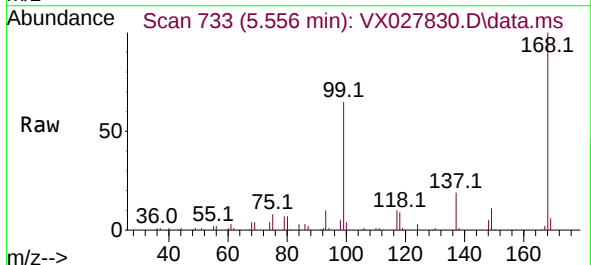
Instrument :
MSVOA_X
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DUP01-20220317DL

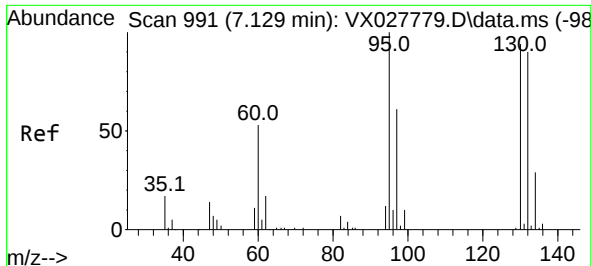
Tgt Ion: 75 Resp: 6332
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.883 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 117 Resp: 8688
Ion Ratio Lower Upper
117 100
119 8.2 77.3 115.9#
121 0.0 24.2 36.2#

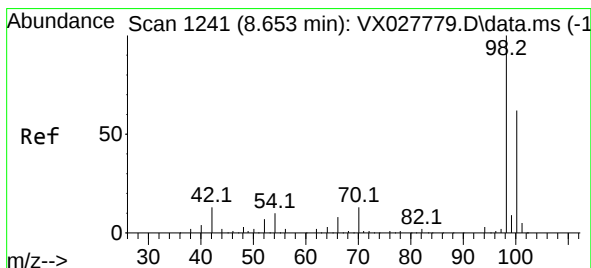
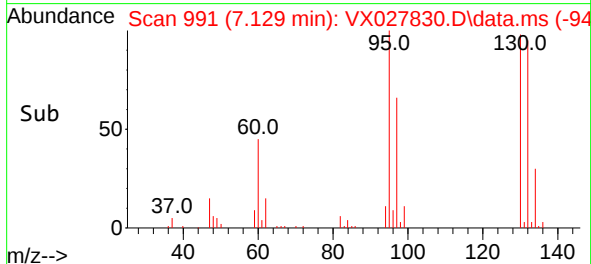
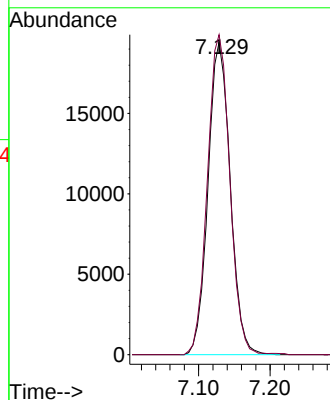
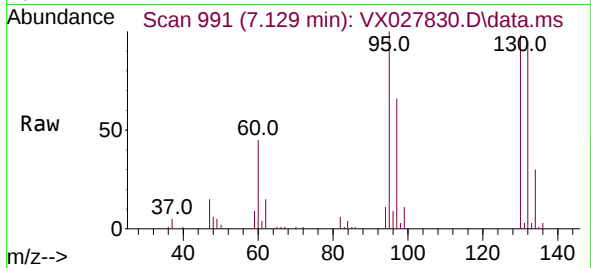




#44
Trichloroethene
Concen: 44.475 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

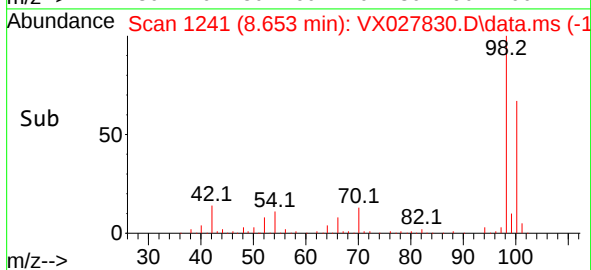
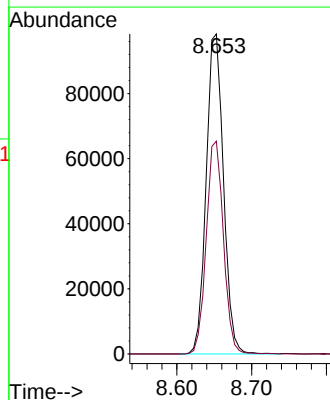
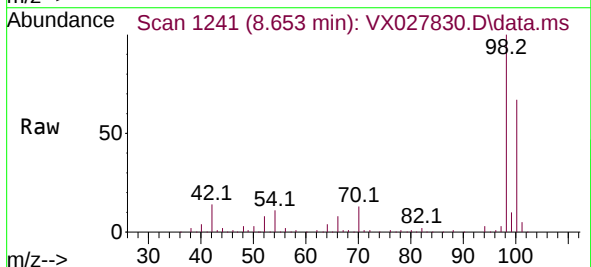
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

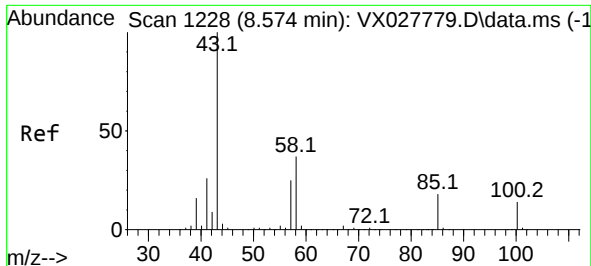
Tgt Ion:130 Resp: 41847
Ion Ratio Lower Upper
130 100
95 102.4 0.0 188.8



#50
Toluene-d8
Concen: 49.449 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 98 Resp: 157822
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

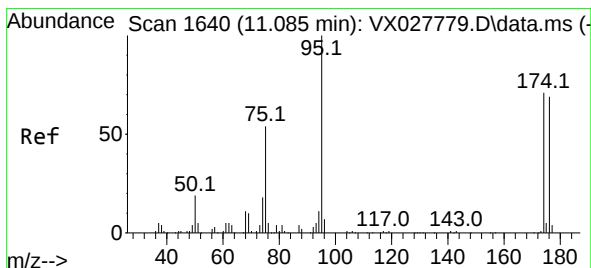
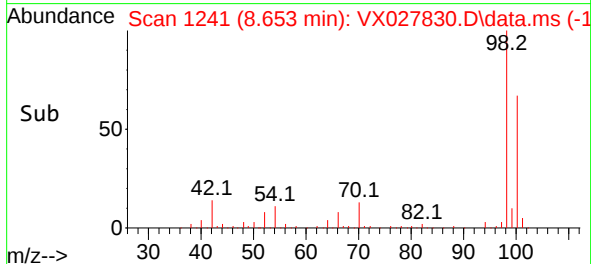
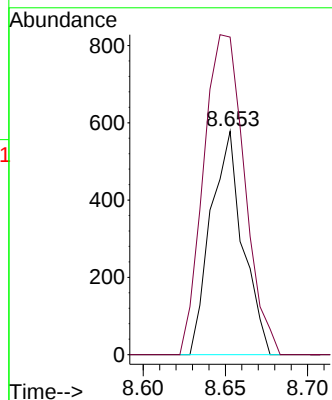
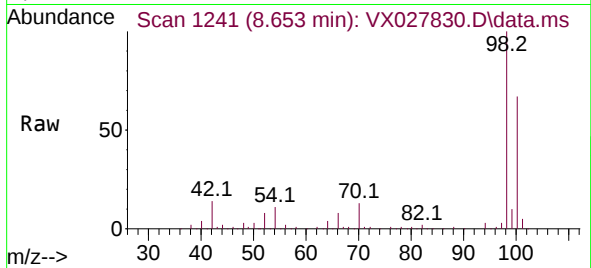




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

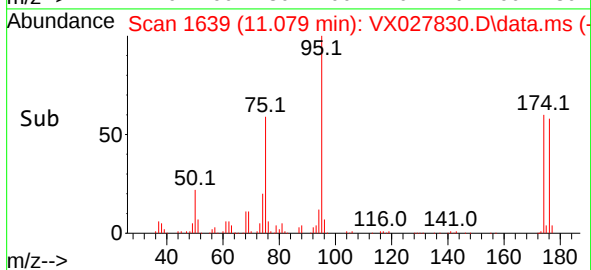
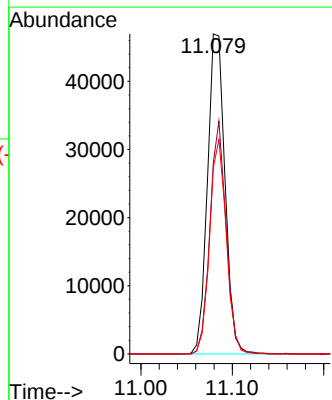
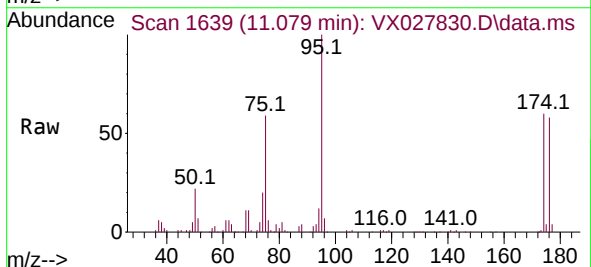
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

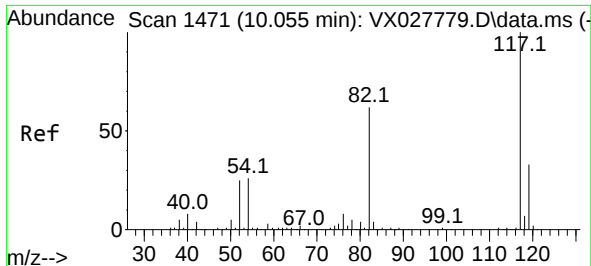
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 183.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 95 Resp: 62382
Ion Ratio Lower Upper
95 100
174 67.3 0.0 163.0
176 63.6 0.0 155.0

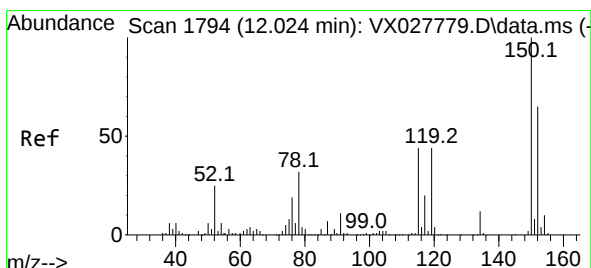
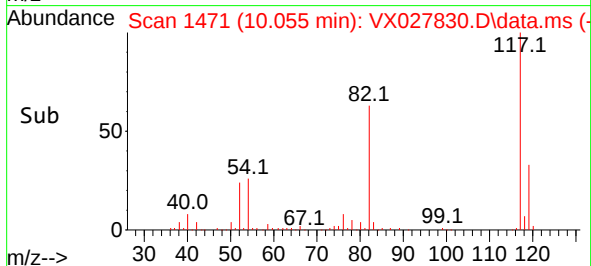
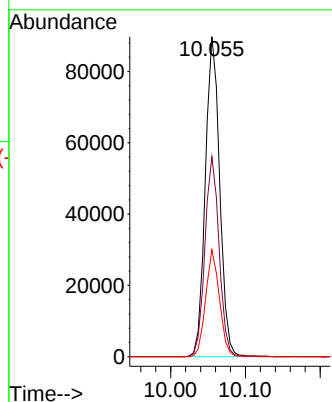
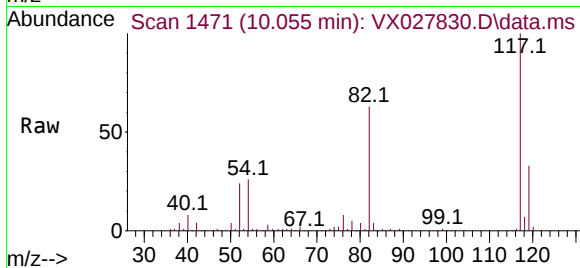




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

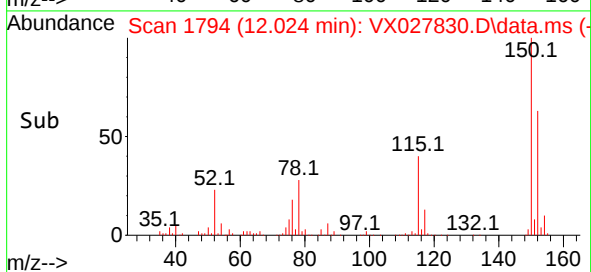
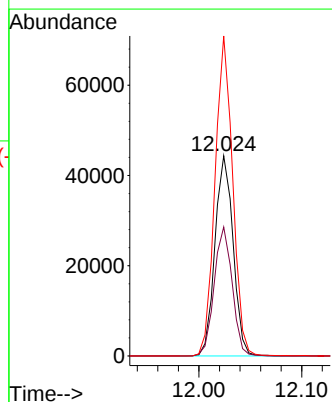
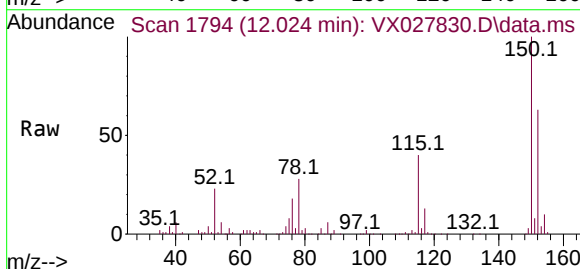
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

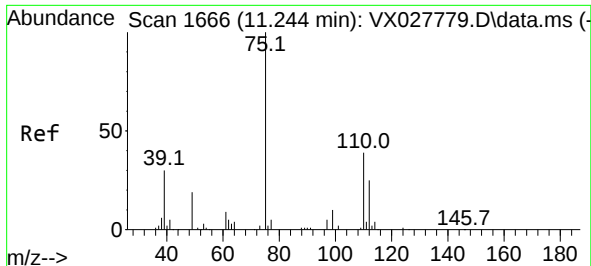
Tgt Ion:117 Resp: 119876
Ion Ratio Lower Upper
117 100
82 62.5 41.8 62.8
119 33.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion:152 Resp: 54234
Ion Ratio Lower Upper
152 100
115 63.8 37.5 112.7
150 155.5 0.0 338.2

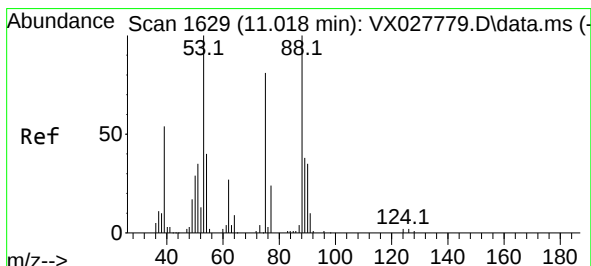
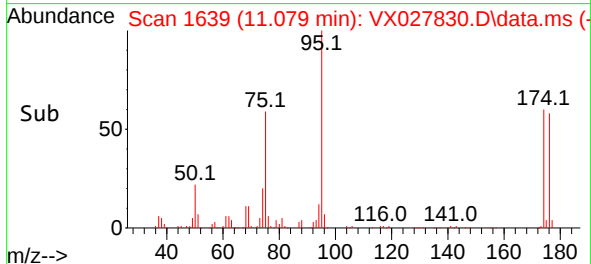
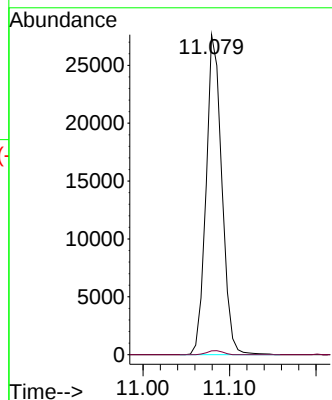
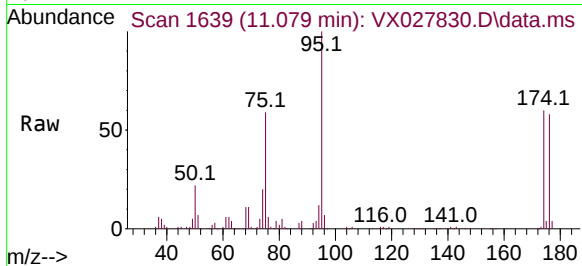




#76
1,2,3-Trichloropropane
Concen: 27.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

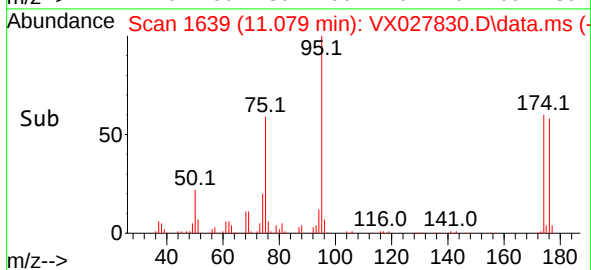
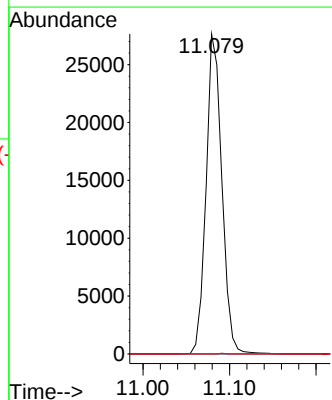
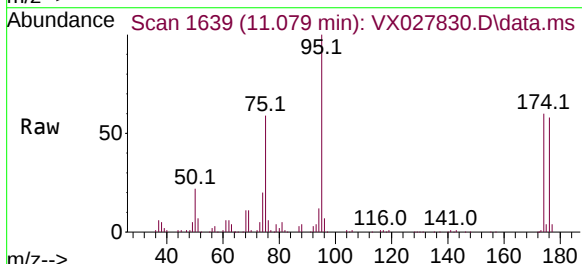
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317DL

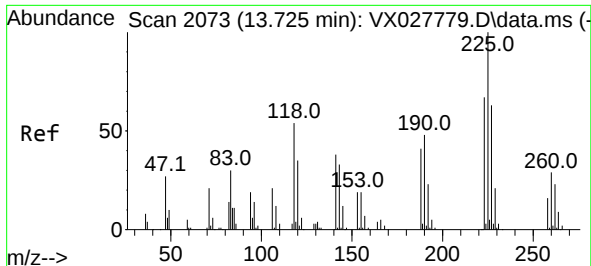
Tgt Ion: 75 Resp: 34935
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027830.D
Acq: 30 Mar 2022 23:40

Tgt Ion: 75 Resp: 34935
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#94

Hexachlorobutadiene

Concen: 0.941 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027830.D

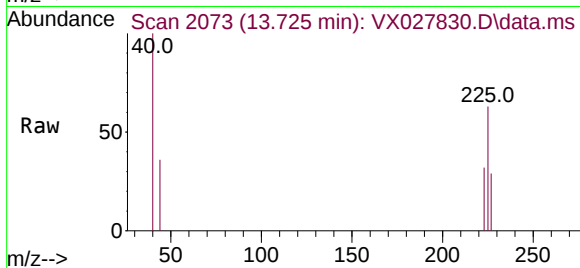
Acq: 30 Mar 2022 23:40

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220317DL



Tgt Ion:225 Resp: 63

Ion Ratio Lower Upper

225 100

223 119.0 34.2 102.5#

227 31.7 33.9 101.7#

