

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027831.D
 Acq On : 31 Mar 2022 00:04
 Operator : JC/MD
 Sample : N2041-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317DL

Quant Time: Mar 31 07:32:30 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)

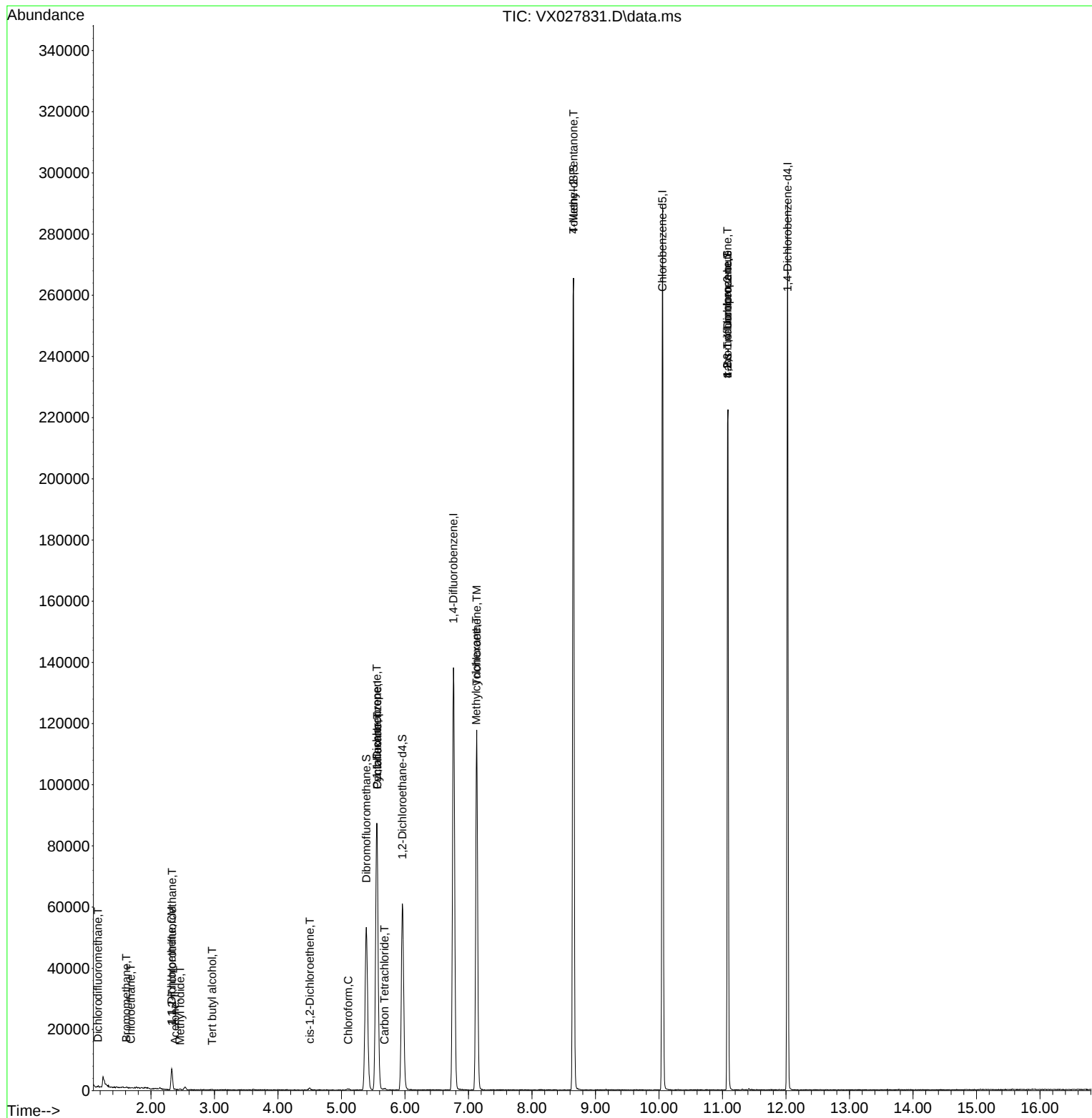
Internal Standards						
1) Pentafluorobenzene	5.562	168	78496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61873	61.090	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.180%	
35) Dibromofluoromethane	5.391	113	46314	54.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.620%	
50) Toluene-d8	8.653	98	155591	52.336	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	11.079	95	60759	48.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	220	0.309	ug/l	76
5) Bromomethane	1.612	94	135	0.464	ug/l #	3
6) Chloroethane	1.685	64	91	0.209	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2068	2.814	ug/l	95
10) Methyl Iodide	2.459	142	273	0.320	ug/l #	88
11) Tert butyl alcohol	2.965	59	47	0.242	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	730	1.082	ug/l	92
16) Acetone	2.380	43	327	0.730	ug/l #	39
27) cis-1,2-Dichloroethene	4.501	96	367	0.416	ug/l	85
30) Chloroform	5.105	83	530	0.342	ug/l	98
31) Cyclohexane	5.562	56	1674	1.495	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	6564	6.168	ug/l #	49
38) Carbon Tetrachloride	5.678	117	478	0.407	ug/l	98
39) Methylcyclohexane	7.123	83	615	0.491	ug/l #	1
44) Trichloroethene	7.129	130	40976	46.752	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	892	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34689	27.216	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34689	79.598	ug/l #	15

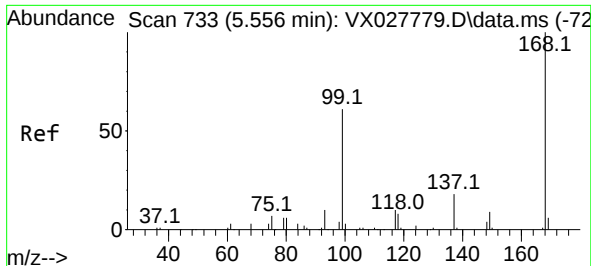
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

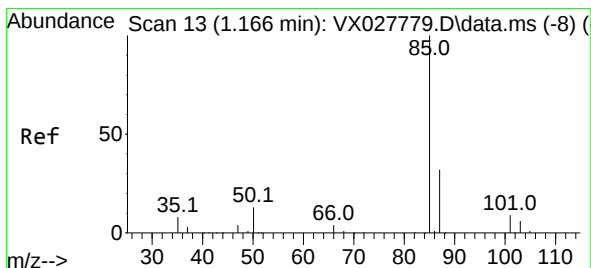
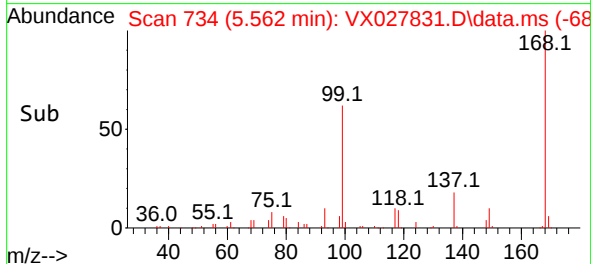
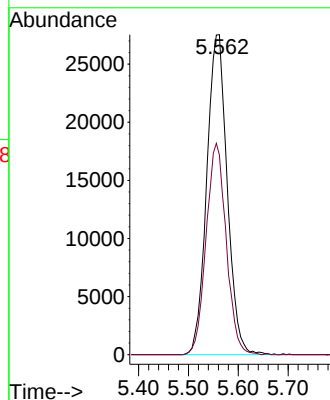
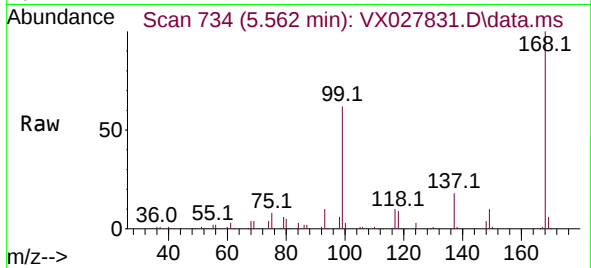




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

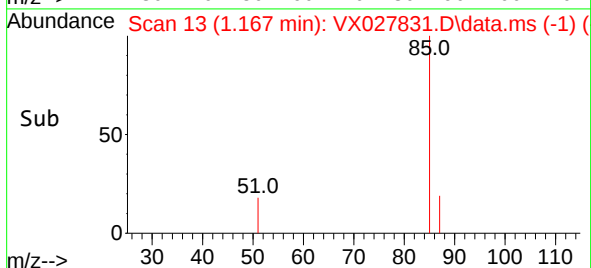
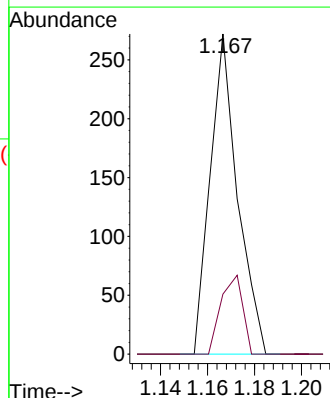
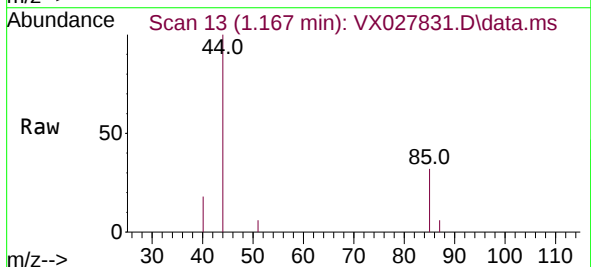
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

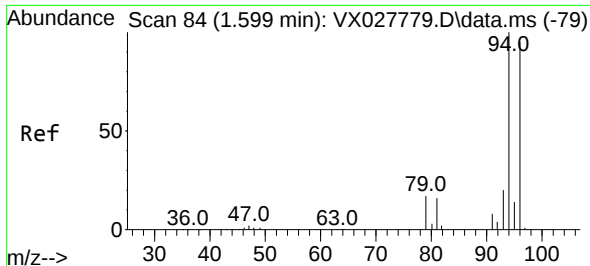
Tgt Ion:168 Resp: 78496
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.309 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 85 Resp: 220
Ion Ratio Lower Upper
85 100
87 18.8 16.2 48.6

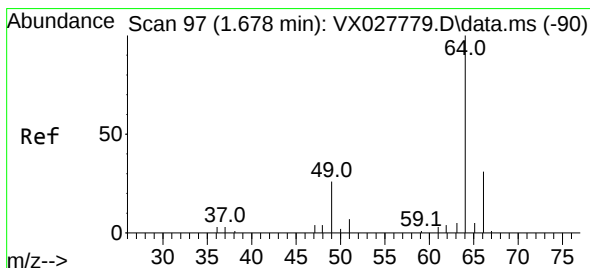
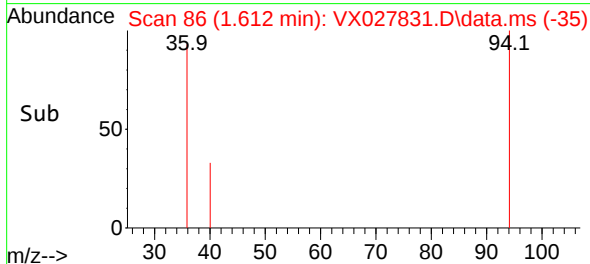
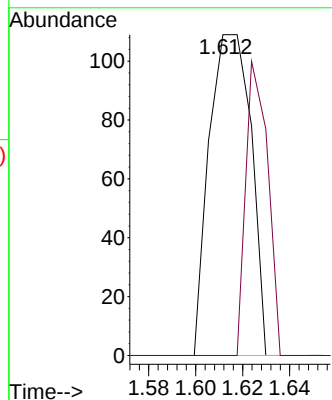
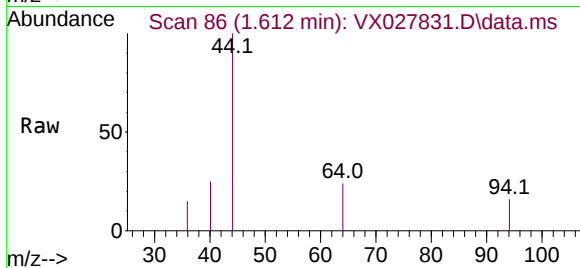




#5
Bromomethane
Concen: 0.464 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

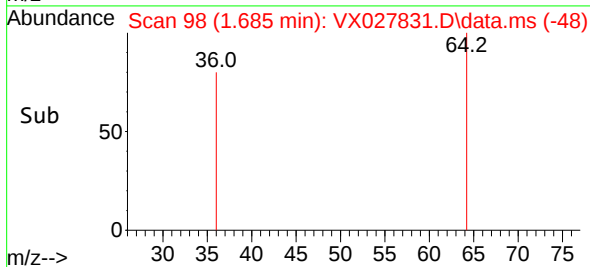
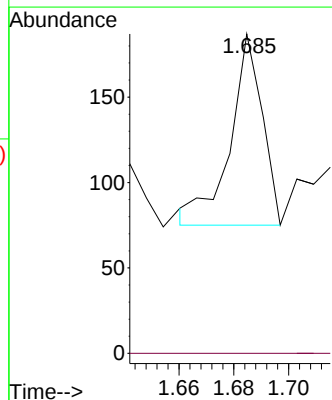
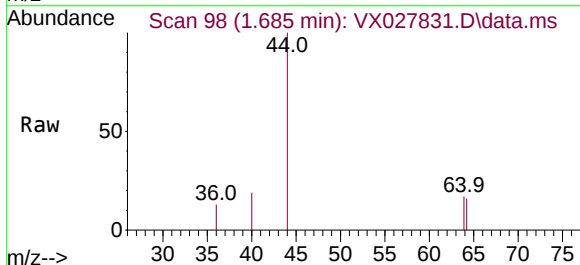
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

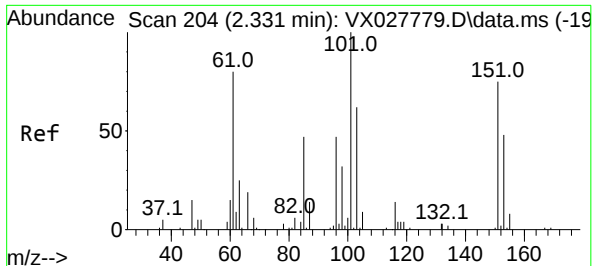
Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 0.209 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

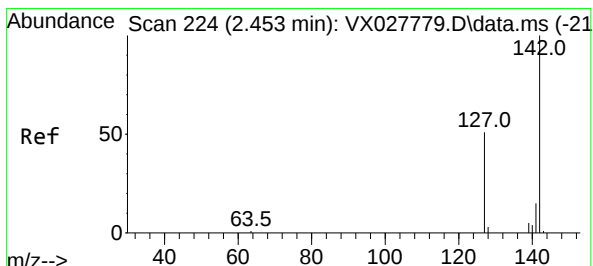
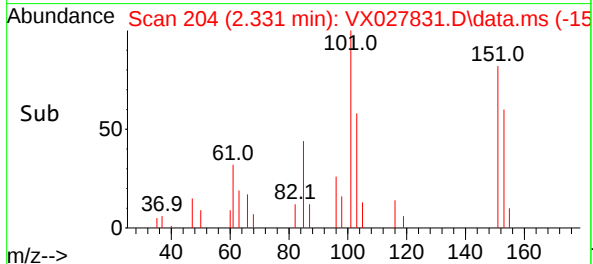
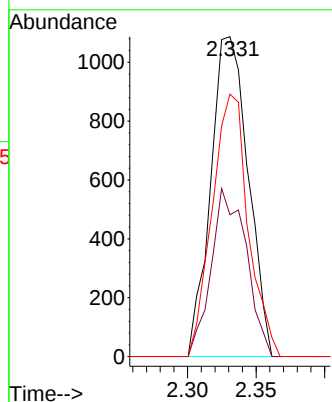
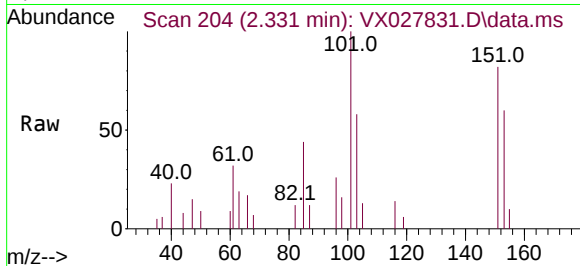




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.814 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

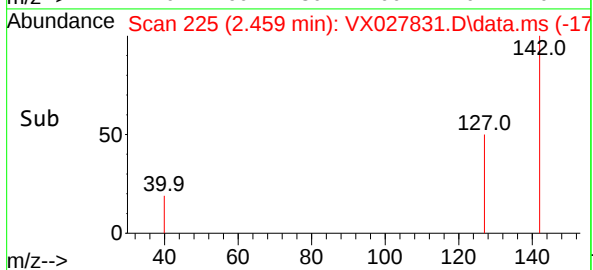
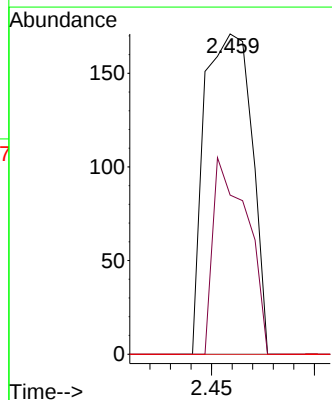
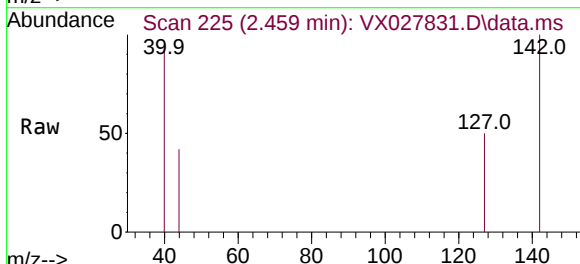
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

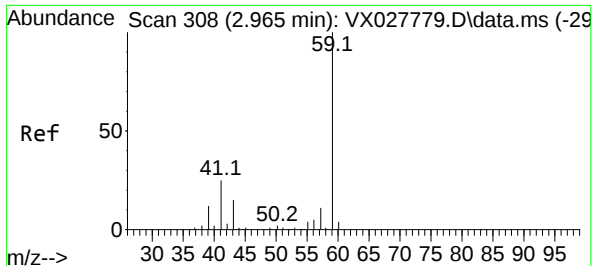
Tgt Ion:101	Resp:	2068
Ion	Ratio	Lower Upper
101	100	
85	48.9	33.5 50.3
151	78.9	61.8 92.6



#10
Methyl Iodide
Concen: 0.320 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion:142	Resp:	273
Ion	Ratio	Lower Upper
142	100	
127	44.7	33.9 50.9
141	0.0	11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.242 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.000 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

Instrument :

MSVOA_X

ClientSampleId :

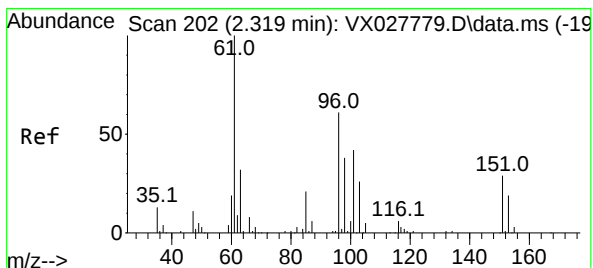
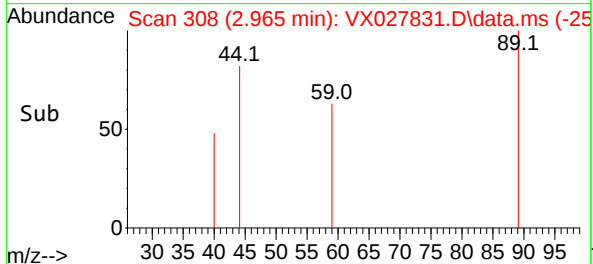
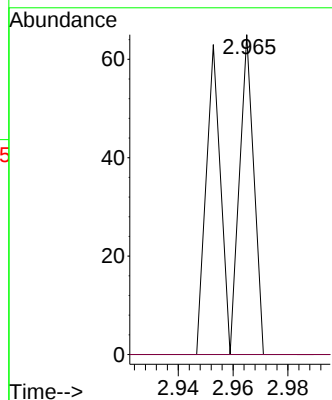
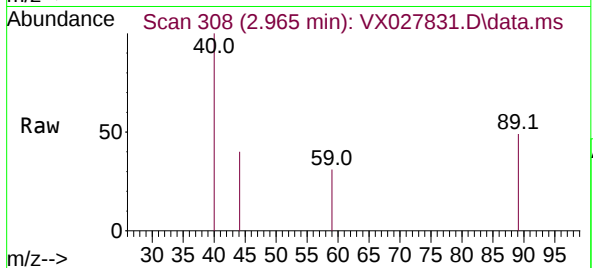
DUP02-20220317DL

Tgt Ion: 59 Resp: 47

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 1.082 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

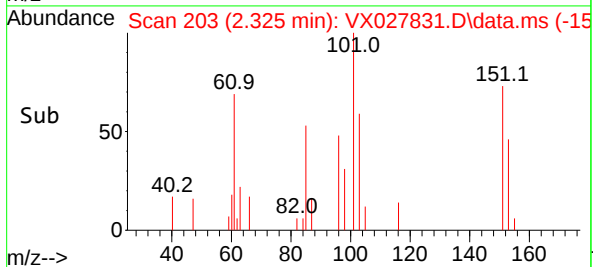
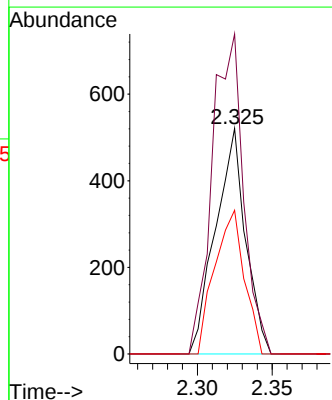
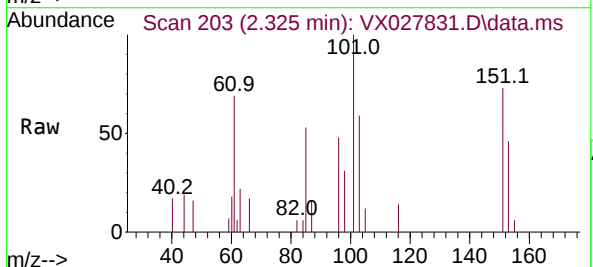
Tgt Ion: 96 Resp: 730

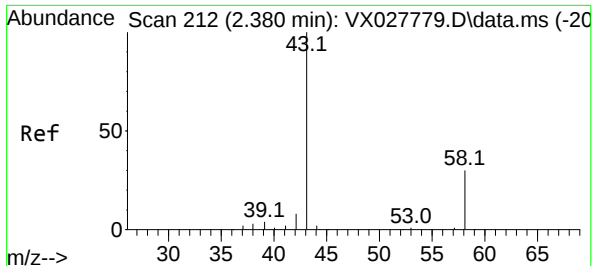
Ion Ratio Lower Upper

96 100

61 141.8 124.6 187.0

98 63.7 51.0 76.4

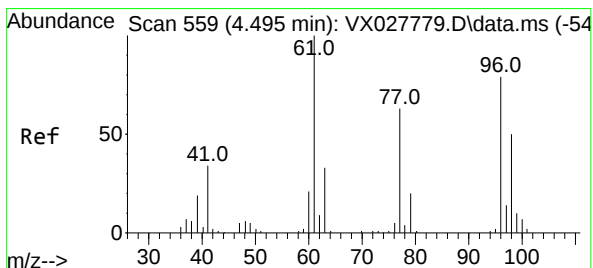
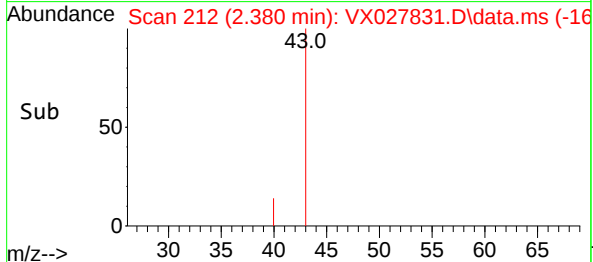
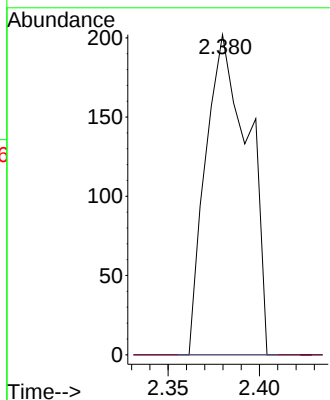
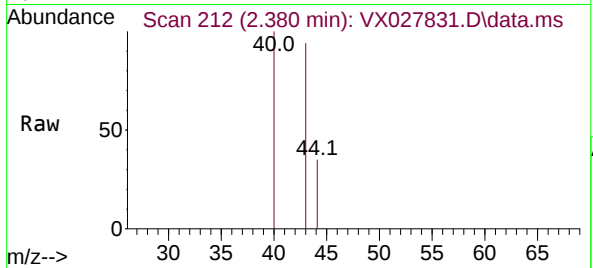




#16
Acetone
Concen: 0.730 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

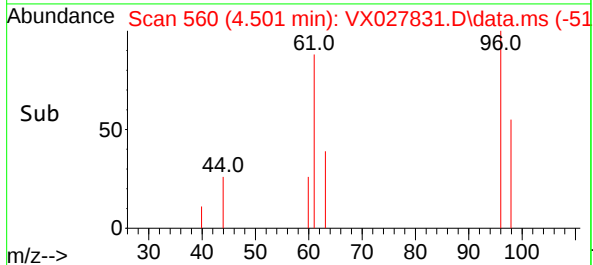
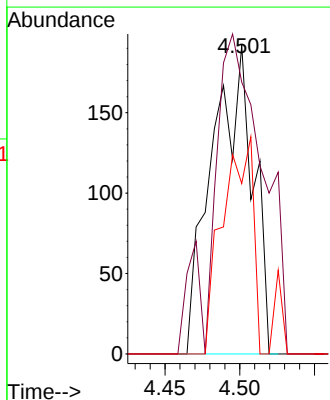
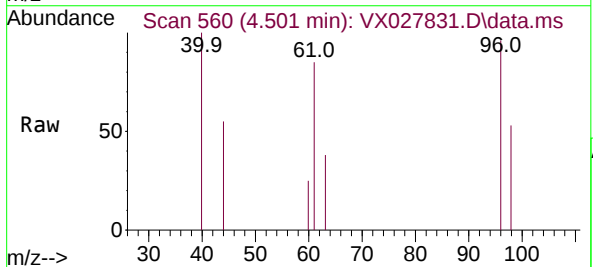
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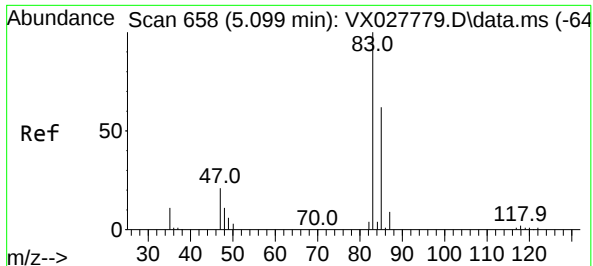
Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.416 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 96 Resp: 367
Ion Ratio Lower Upper
96 100
61 125.1 0.0 283.8
98 52.0 0.0 129.8





#30

Chloroform

Concen: 0.342 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

Instrument :

MSVOA_X

ClientSampleId :

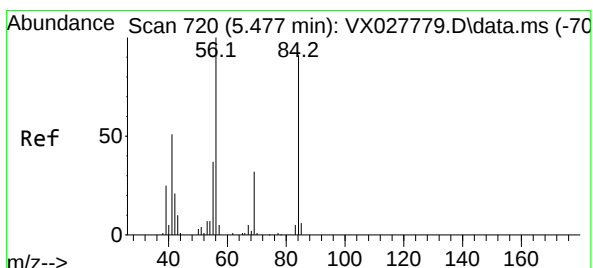
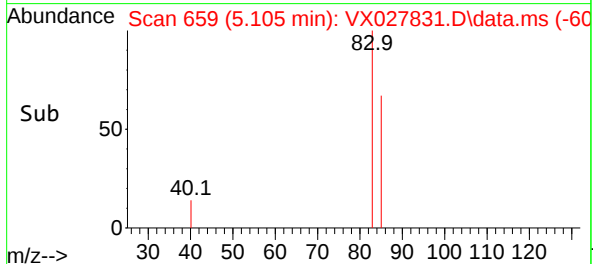
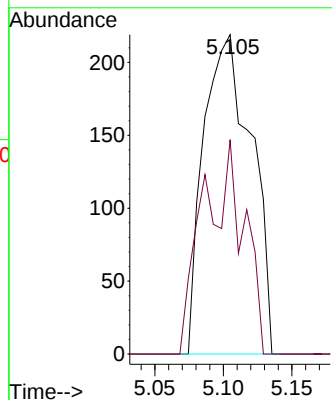
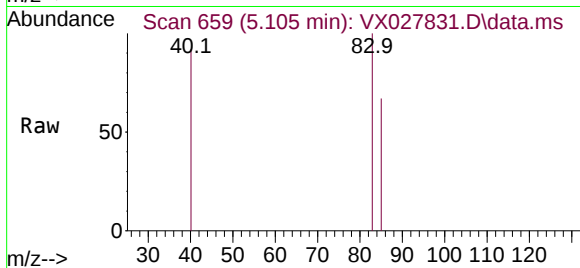
DUP02-20220317DL

Tgt Ion: 83 Resp: 530

Ion Ratio Lower Upper

83 100

85 67.1 52.7 79.1



#31

Cyclohexane

Concen: 1.495 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

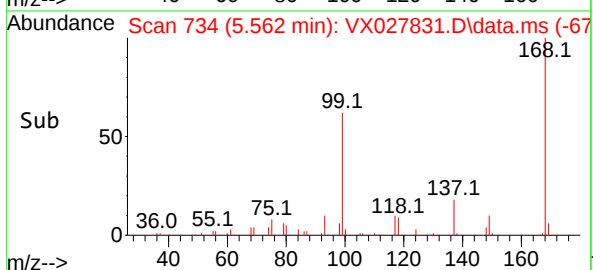
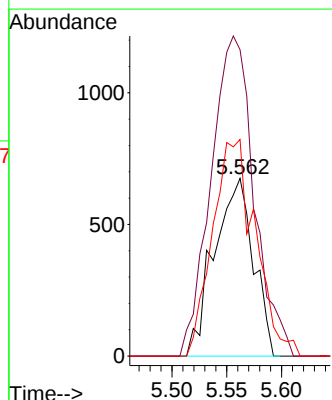
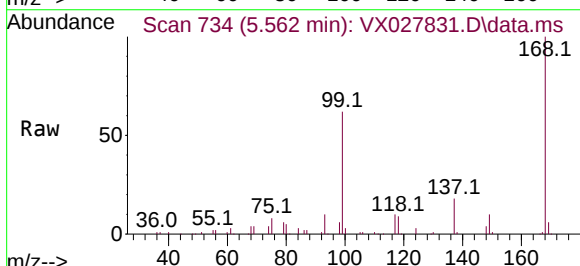
Tgt Ion: 56 Resp: 1674

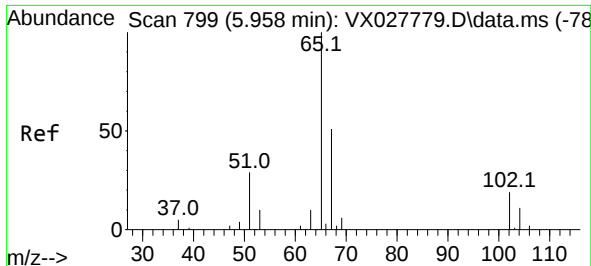
Ion Ratio Lower Upper

56 100

69 172.4 26.7 40.1#

84 121.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

Instrument :

MSVOA_X

ClientSampleId :

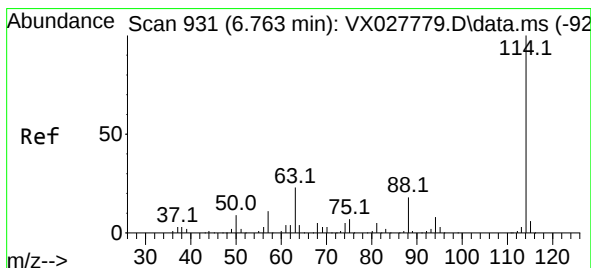
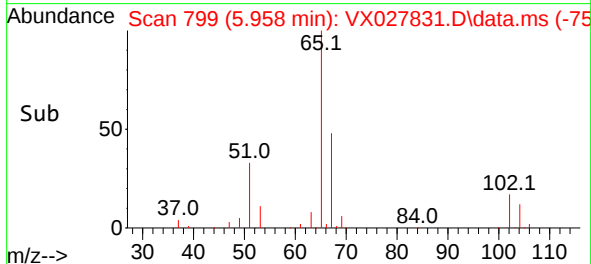
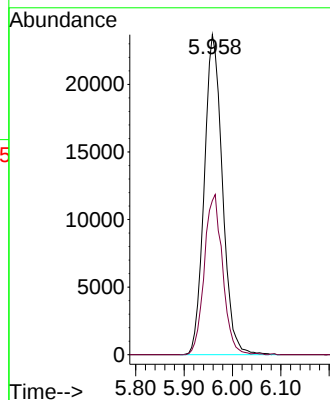
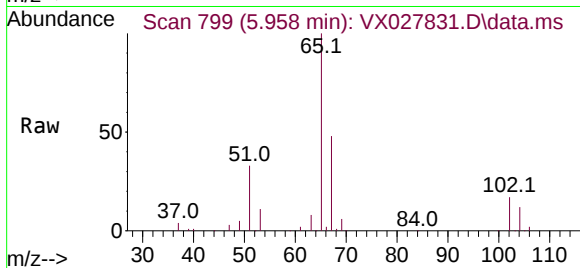
DUP02-20220317DL

Tgt Ion: 65 Resp: 61873

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

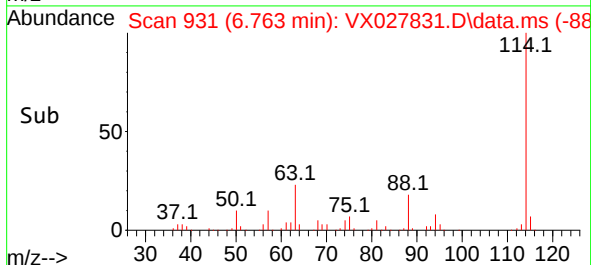
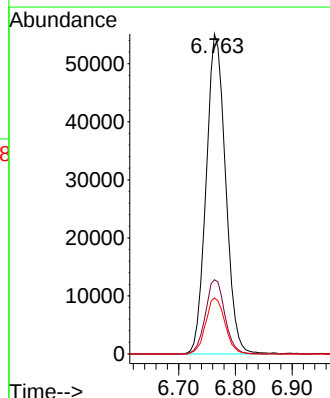
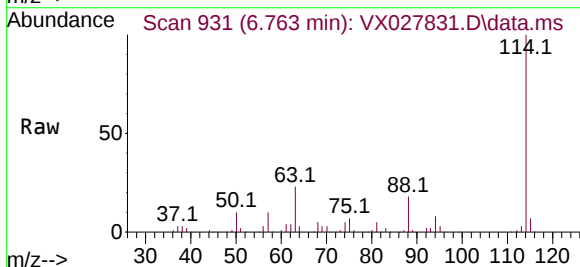
Tgt Ion: 114 Resp: 130905

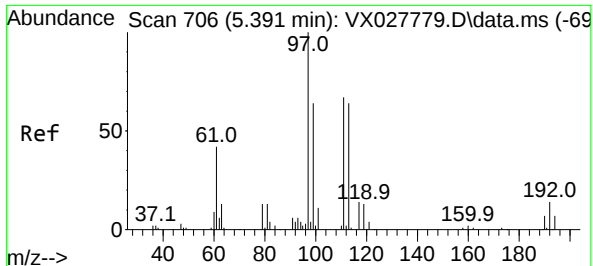
Ion Ratio Lower Upper

114 100

63 23.2 0.0 36.8

88 17.5 0.0 32.4

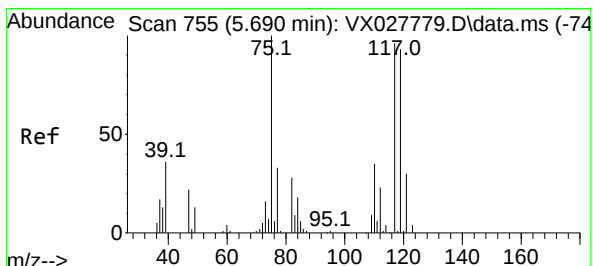
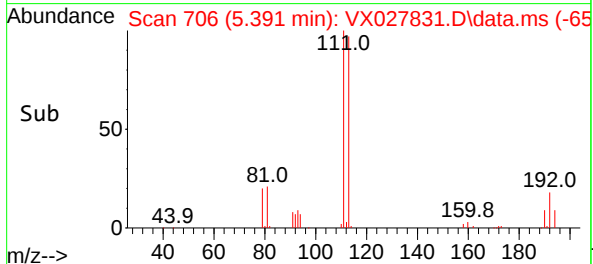
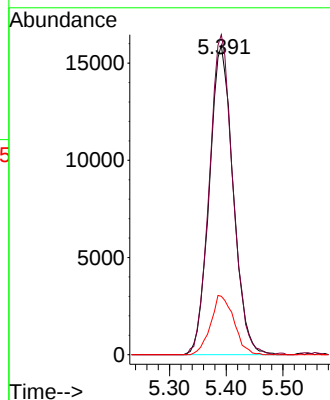
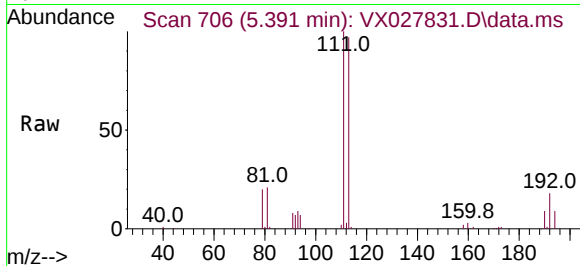




#35
Dibromofluoromethane
Concen: 54.812 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

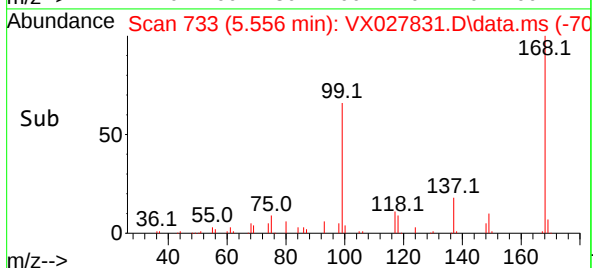
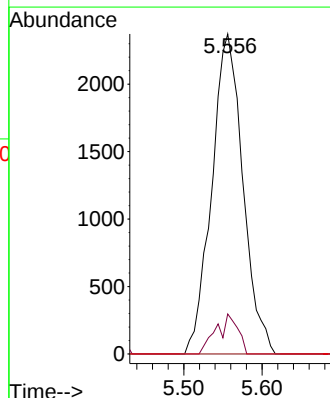
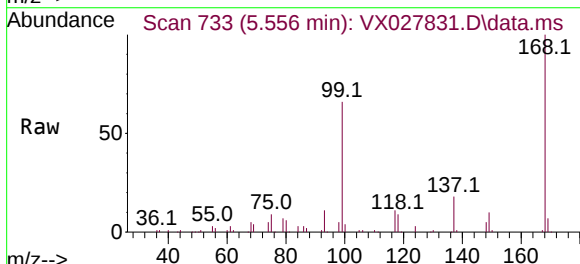
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

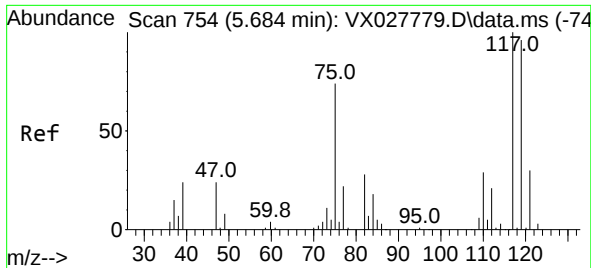
Tgt Ion:113 Resp: 46314
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.168 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 75 Resp: 6564
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 24.8 37.2#

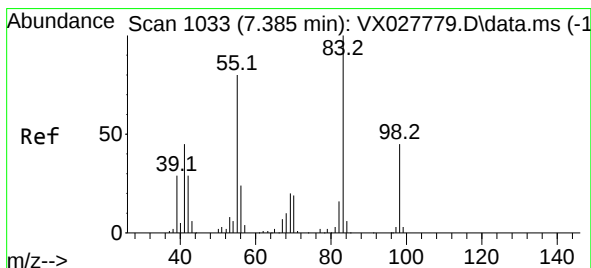
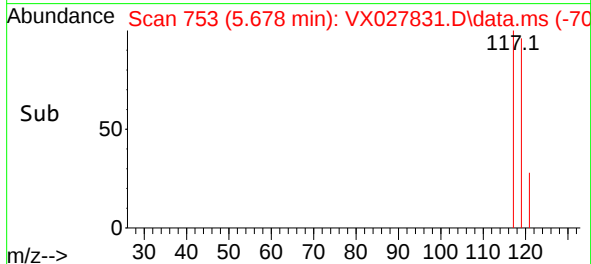
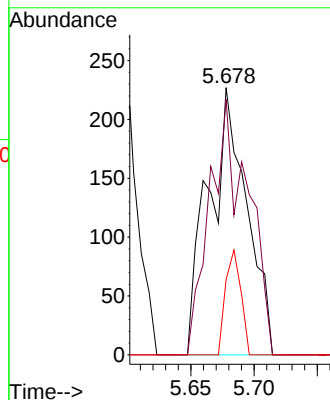
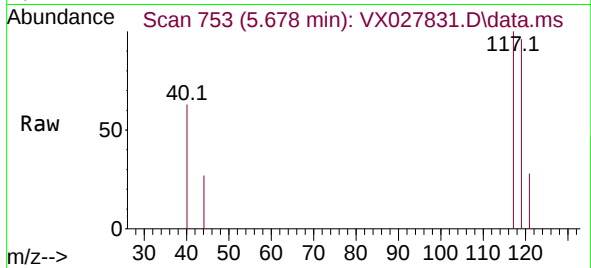




#38
Carbon Tetrachloride
Concen: 0.407 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

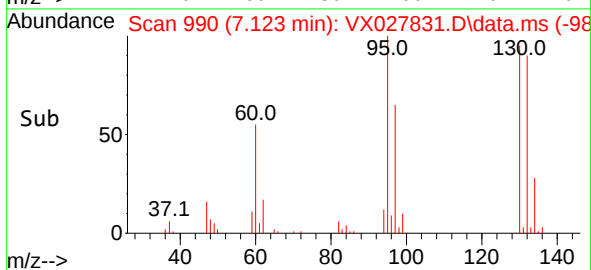
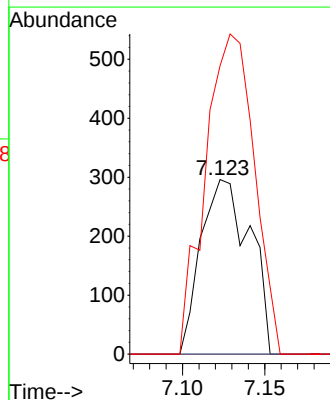
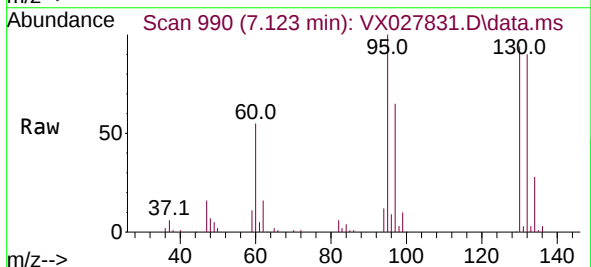
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

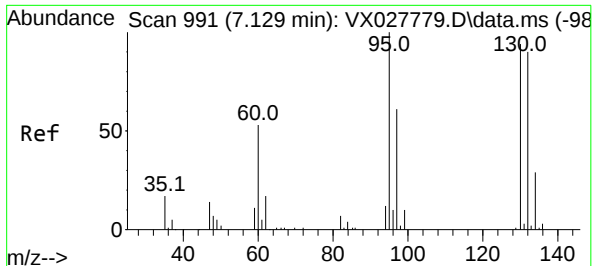
Tgt Ion:117 Resp: 478
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 28.2 24.2 36.2



#39
Methylcyclohexane
Concen: 0.491 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 83 Resp: 615
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 165.2 37.4 56.2#

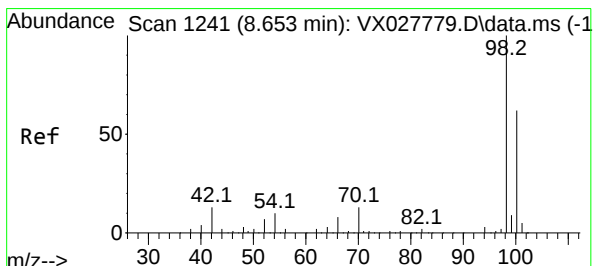
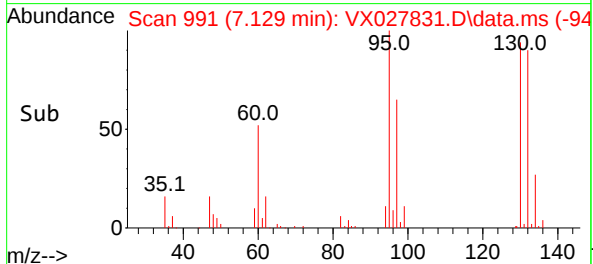
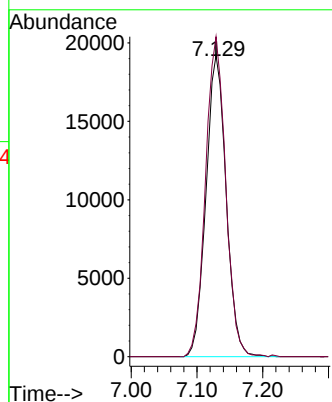
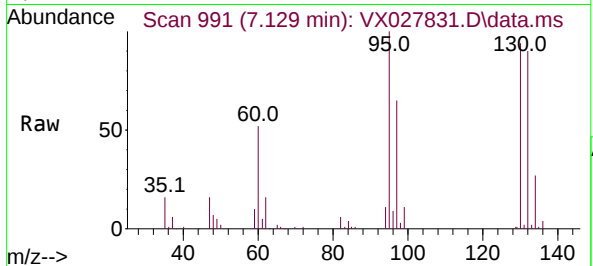




#44
 Trichloroethene
 Concen: 46.752 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX027831.D
 Acq: 31 Mar 2022 00:04

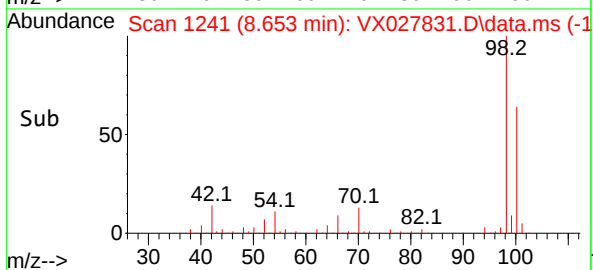
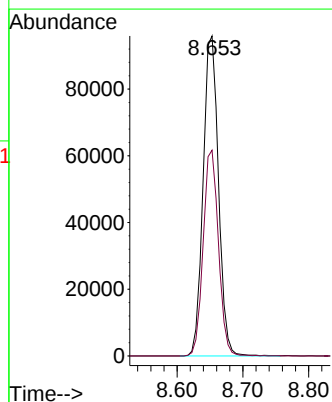
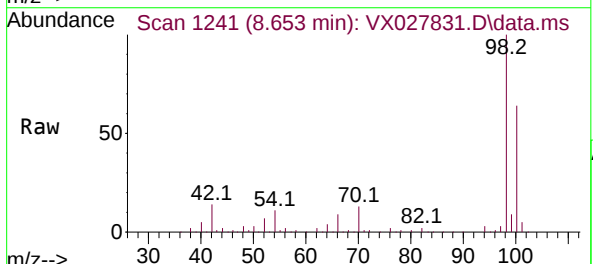
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317DL

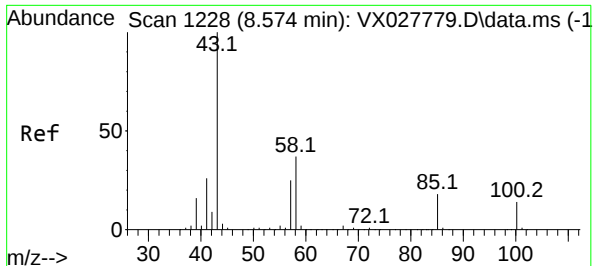
Tgt Ion:130 Resp: 40976
 Ion Ratio Lower Upper
 130 100
 95 106.2 0.0 188.8



#50
 Toluene-d8
 Concen: 52.336 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX027831.D
 Acq: 31 Mar 2022 00:04

Tgt Ion: 98 Resp: 155591
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

Instrument :

MSVOA_X

ClientSampleId :

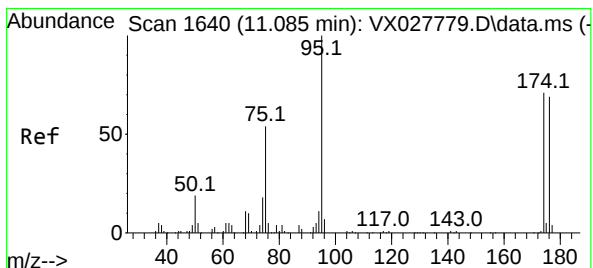
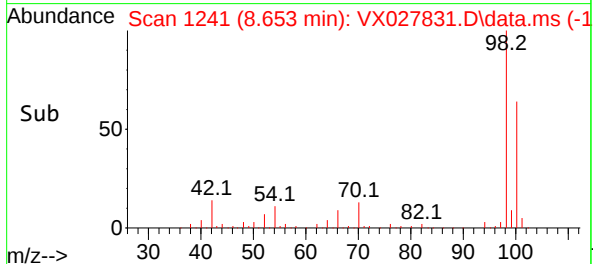
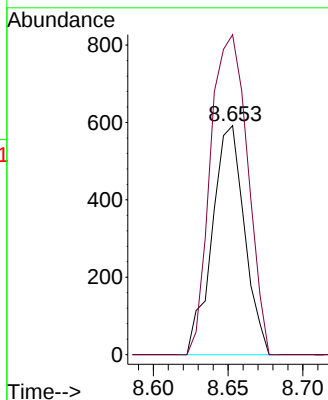
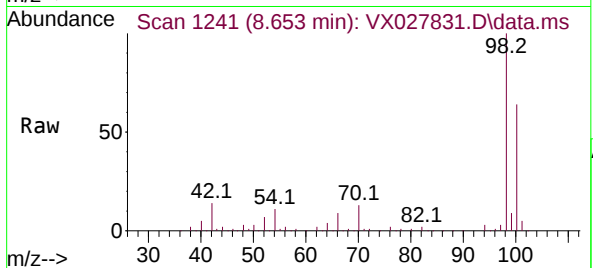
DUP02-20220317DL

Tgt Ion: 43 Resp: 892

Ion Ratio Lower Upper

43 100

58 159.8 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.092 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027831.D

Acq: 31 Mar 2022 00:04

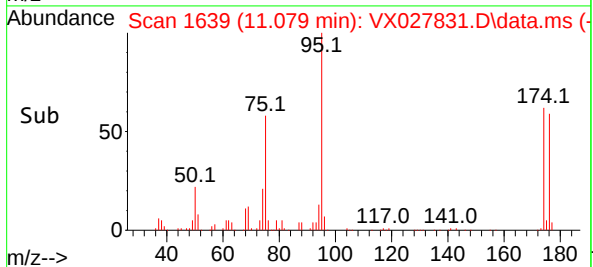
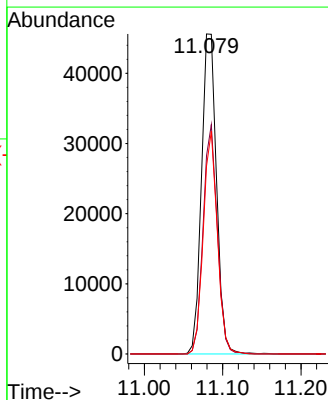
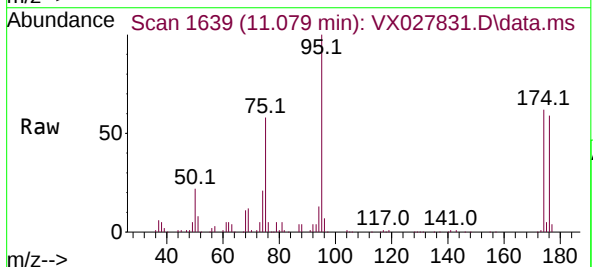
Tgt Ion: 95 Resp: 60759

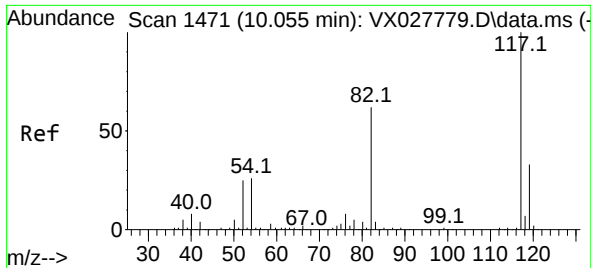
Ion Ratio Lower Upper

95 100

174 67.5 0.0 163.0

176 65.1 0.0 155.0

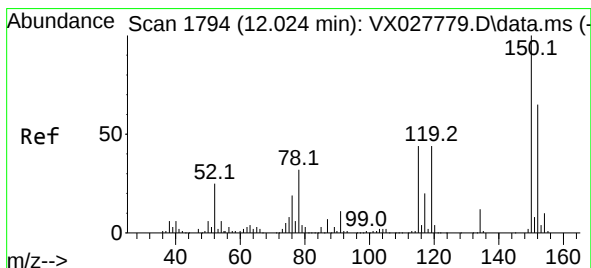
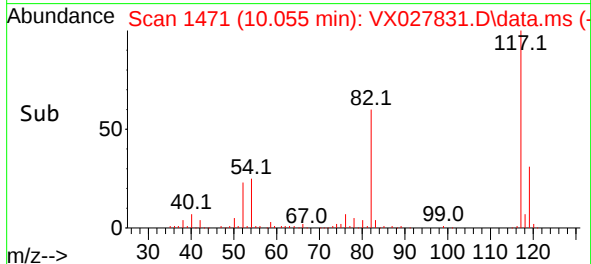
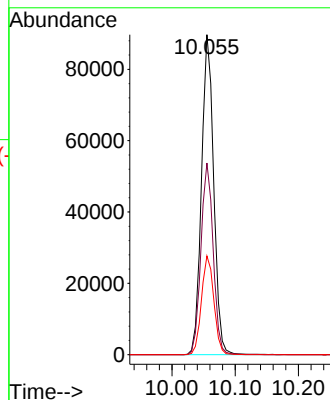
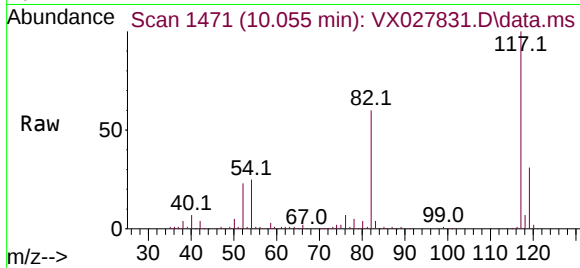




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

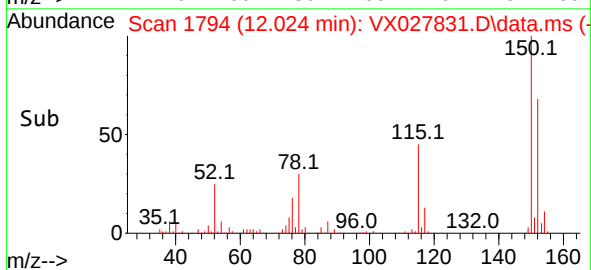
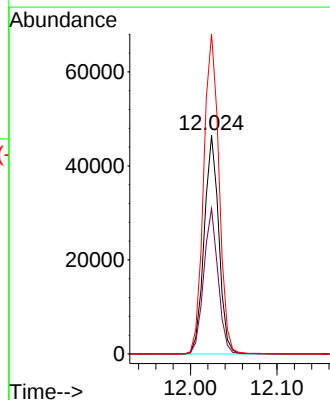
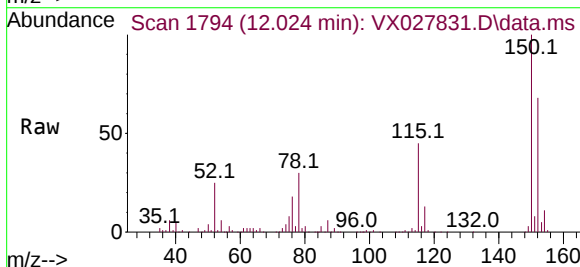
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

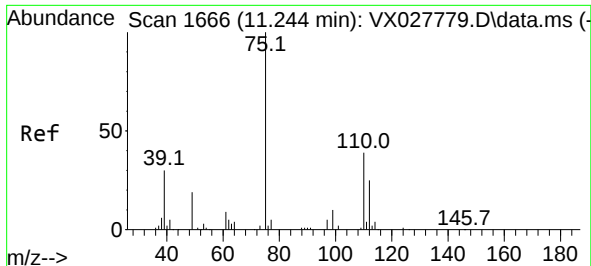
Tgt Ion:117 Resp: 120532
Ion Ratio Lower Upper
117 100
82 59.9 41.8 62.8
119 30.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion:152 Resp: 54334
Ion Ratio Lower Upper
152 100
115 65.2 37.5 112.7
150 154.1 0.0 338.2

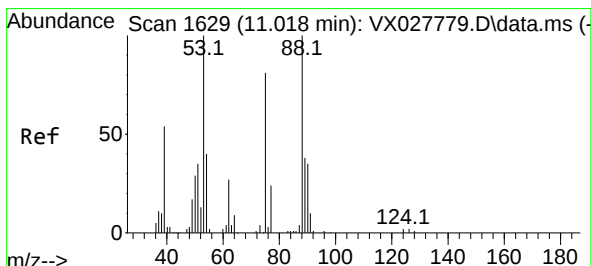
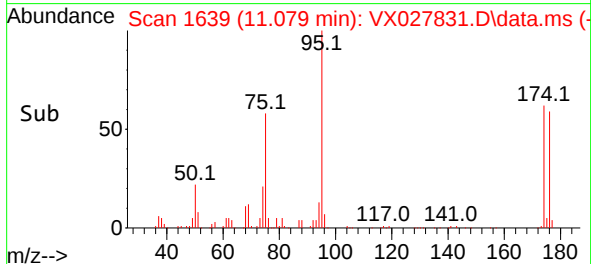
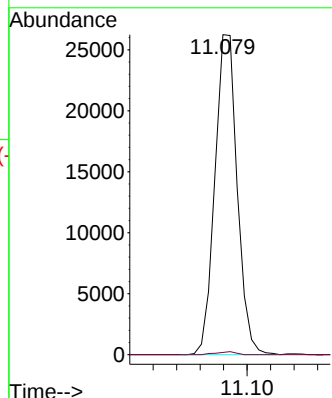
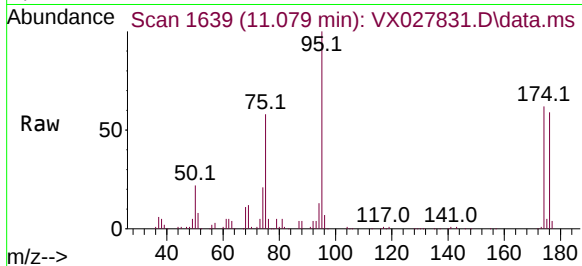




#76
1,2,3-Trichloropropane
Concen: 27.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

Tgt Ion: 75 Resp: 34689
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027831.D
Acq: 31 Mar 2022 00:04

Tgt Ion: 75 Resp: 34689
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

