

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027602.D
 Acq On : 21 Mar 2022 21:33
 Operator : JC/MD
 Sample : N2000-14DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 22 05:51:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

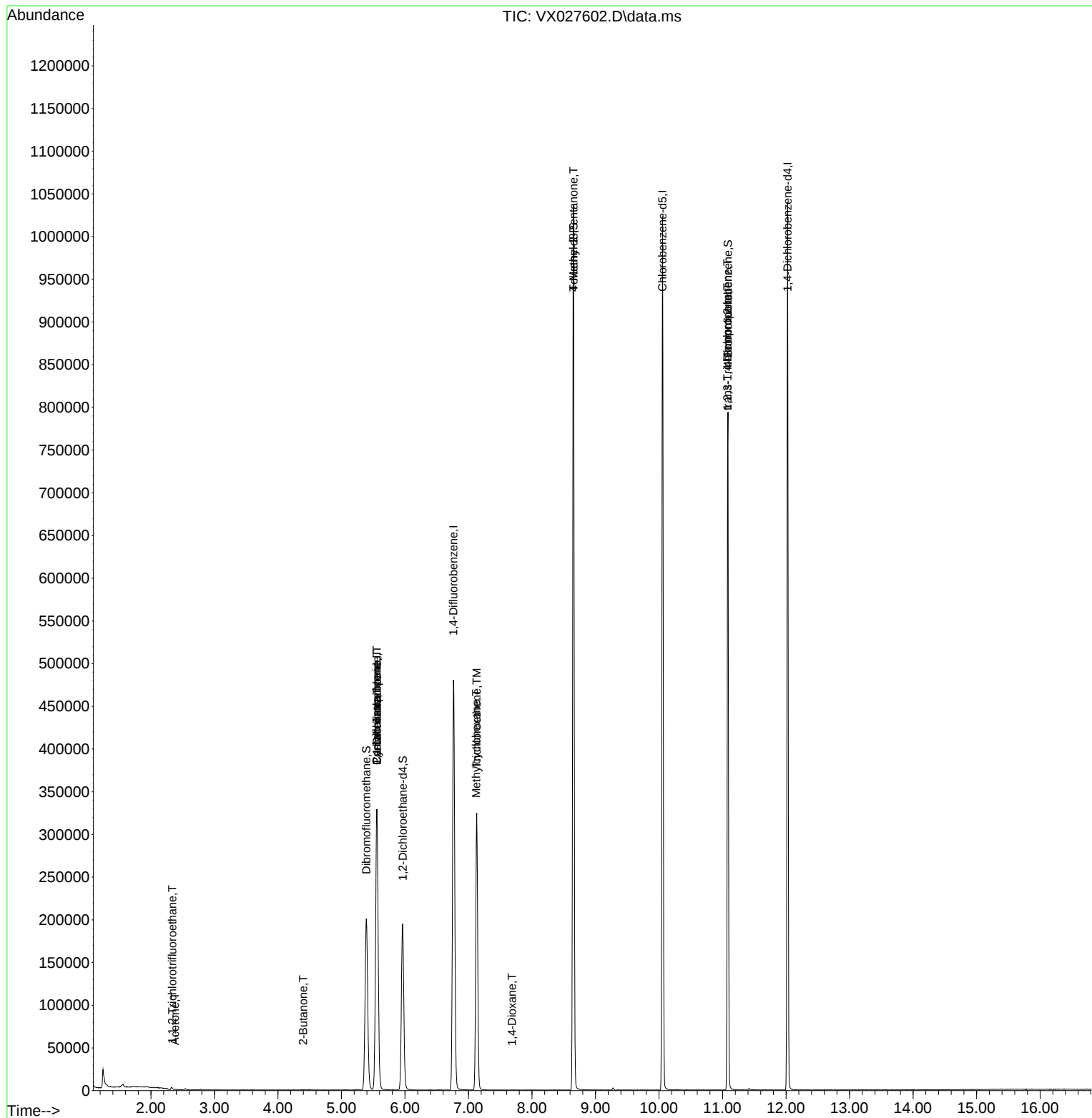
Internal Standards						
1) Pentafluorobenzene	5.556	168	330563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	537364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	190967	46.895	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.800%
35) Dibromofluoromethane	5.391	113	180684	52.262	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.520%
50) Toluene-d8	8.653	98	634565	48.504	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.085	95	219450	45.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	534	Below Cal		89
9) 1,1,2-Trichlorotrifluo...	2.337	101	889	0.278 ug/l	#	91
16) Acetone	2.380	43	1054	0.635 ug/l		92
25) 2-Butanone	4.398	43	741	0.297 ug/l	#	44
31) Cyclohexane	5.556	56	5450	1.078 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	21979	4.652 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	31399	5.809 ug/l	#	15
39) Methylcyclohexane	7.123	83	1492	0.251 ug/l	#	1
44) Trichloroethene	7.129	130	136211	33.103 ug/l		97
49) 1,4-Dioxane	7.684	88	21	0.218 ug/l	#	25
51) 4-Methyl-2-Pentanone	8.653	43	2204	0.456 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	102188	21.828 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	102188	66.294 ug/l	#	15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

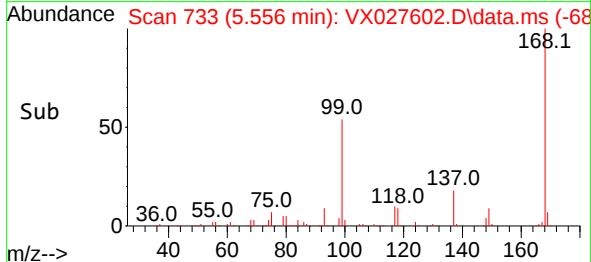
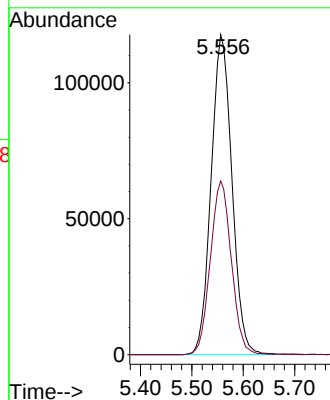
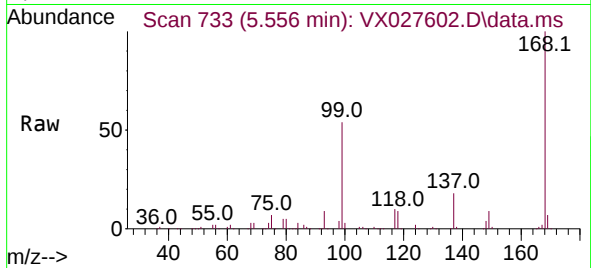




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

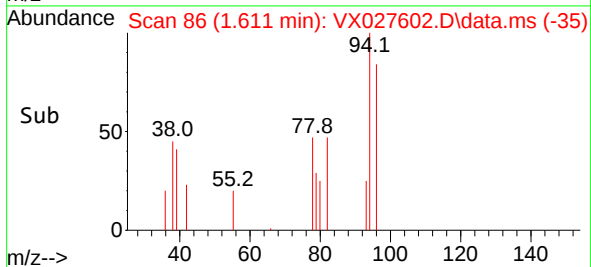
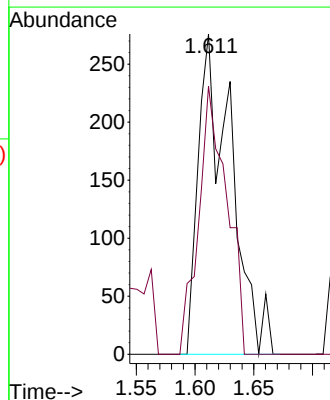
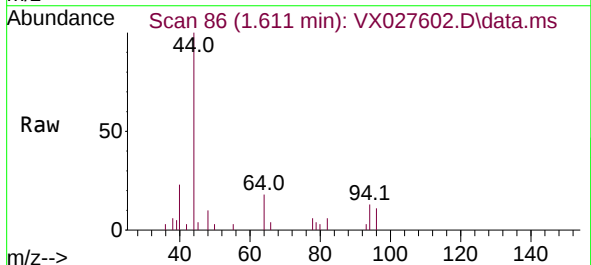
Instrument :
MSVOA_X
ClientSampleId :

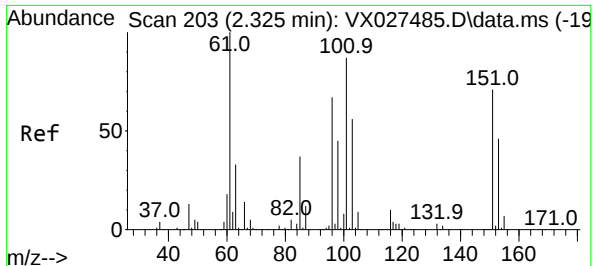
Tgt Ion:168 Resp: 330563
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 83.7 75.3 112.9

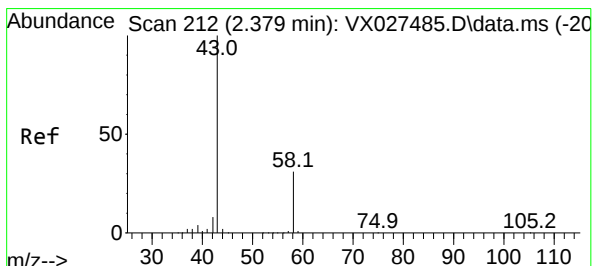
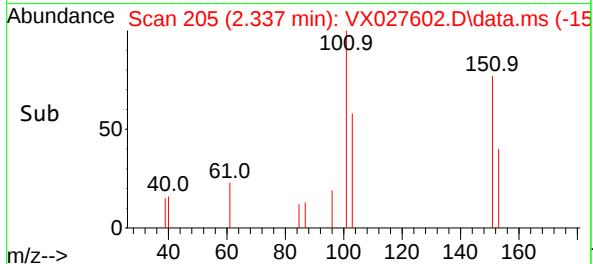
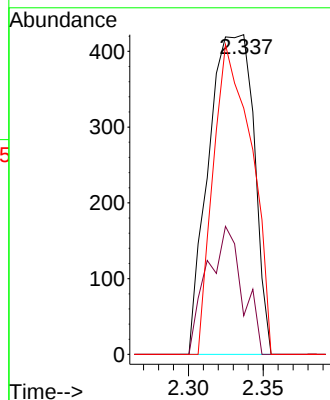
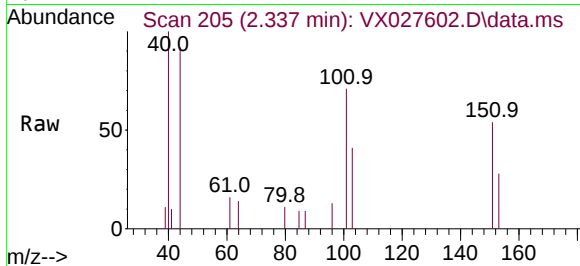




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.278 ug/l
RT: 2.337 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

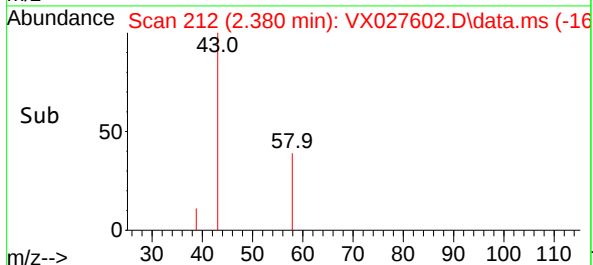
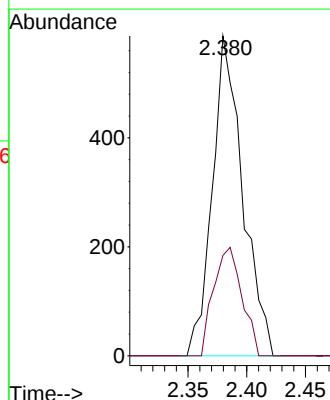
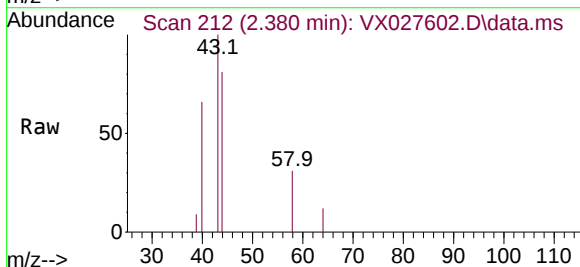
Instrument :
MSVOA_X
ClientSampleId :

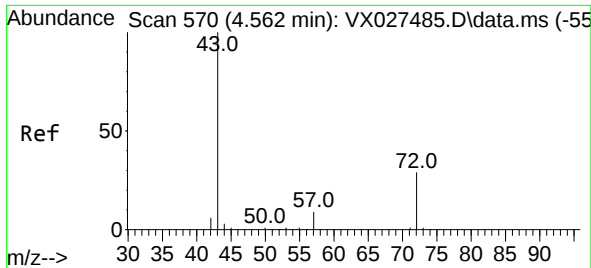
Tgt Ion:101 Resp: 889
Ion Ratio Lower Upper
101 100
85 31.2 33.5 50.3#
151 81.8 61.8 92.6



#16
Acetone
Concen: 0.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2

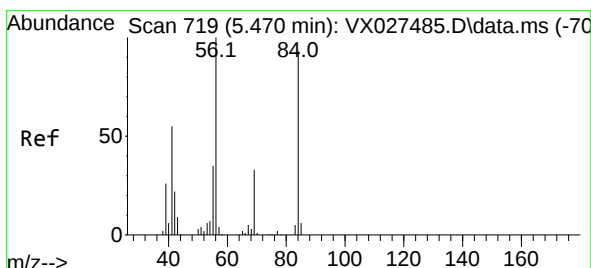
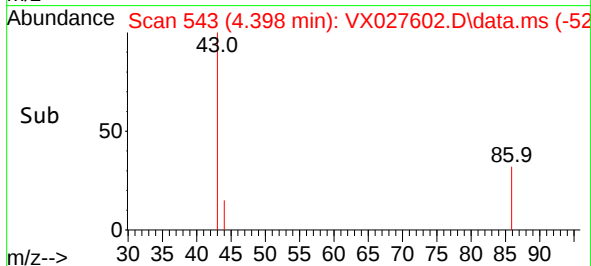
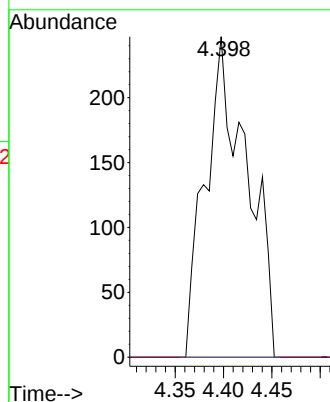
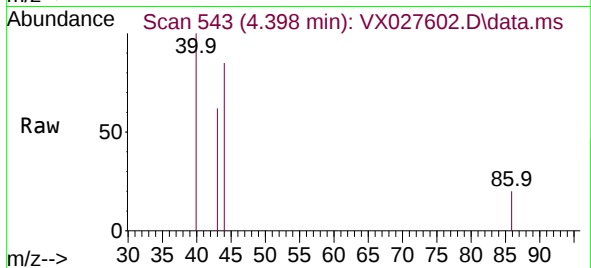




#25
2-Butanone
Concen: 0.297 ug/l
RT: 4.398 min Scan# 54
Delta R.T. -0.164 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

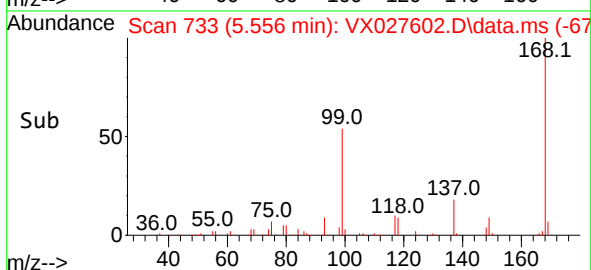
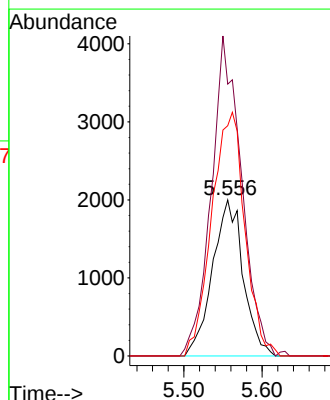
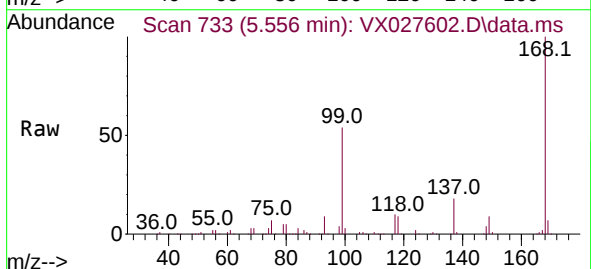
Instrument :
MSVOA_X
ClientSampleId :

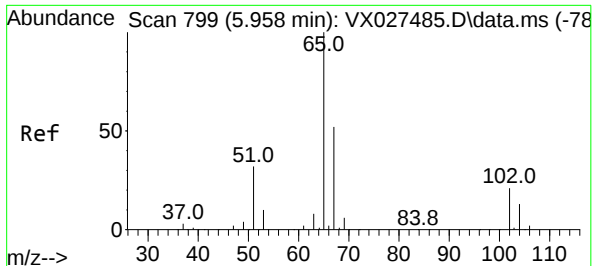
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Tgt Ion: 56 Resp: 5450
Ion Ratio Lower Upper
56 100
69 174.2 26.7 40.1#
84 147.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.895 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027602.D

Acq: 21 Mar 2022 21:33

Instrument :

MSVOA_X

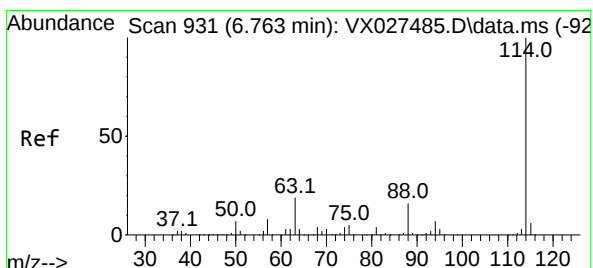
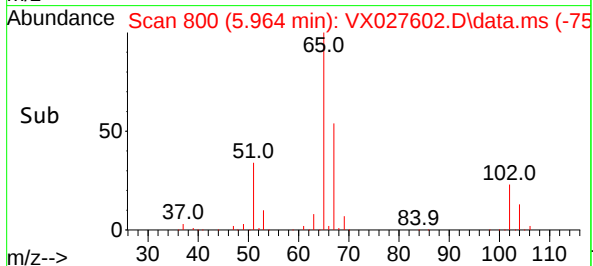
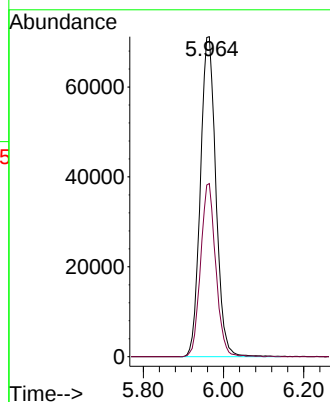
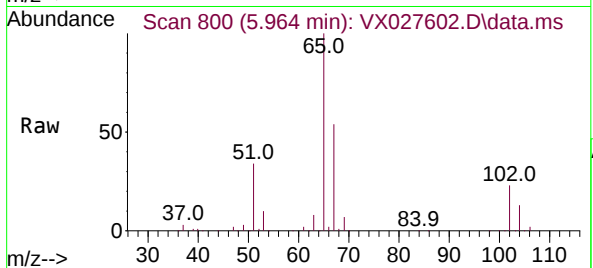
ClientSampleId :

Tgt Ion: 65 Resp: 190967

Ion Ratio Lower Upper

65 100

67 52.8 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: VX027602.D

Acq: 21 Mar 2022 21:33

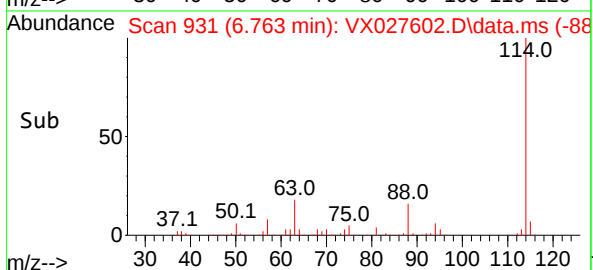
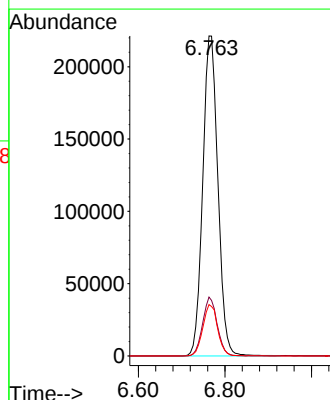
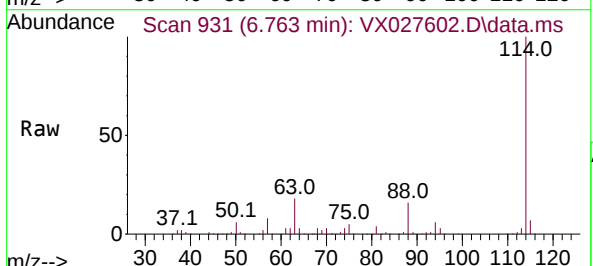
Tgt Ion: 114 Resp: 537364

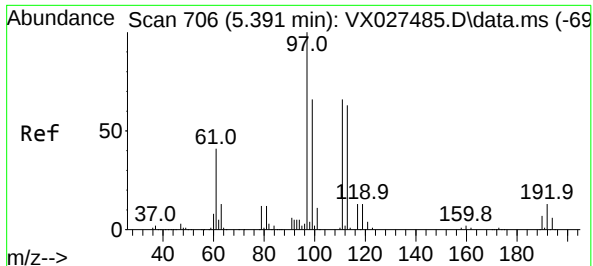
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.1 0.0 32.4

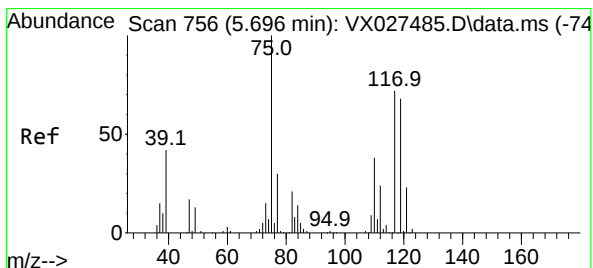
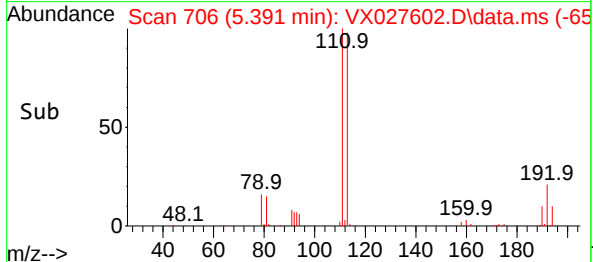
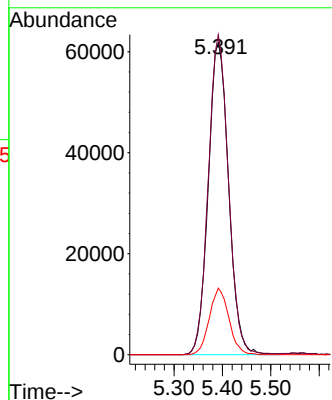
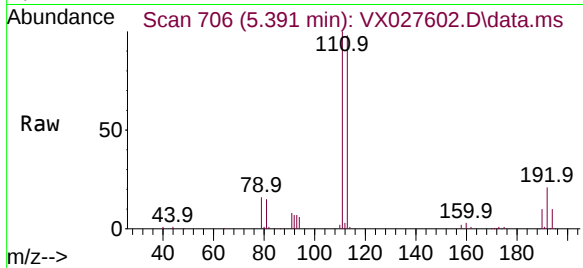




#35
 Dibromofluoromethane
 Concen: 52.262 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027602.D
 Acq: 21 Mar 2022 21:33

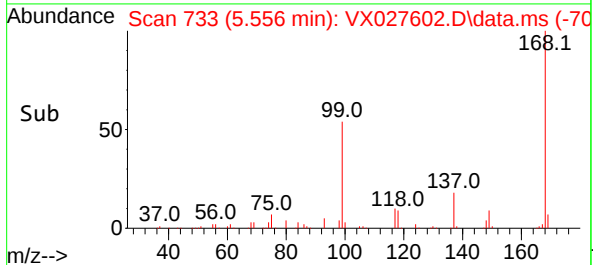
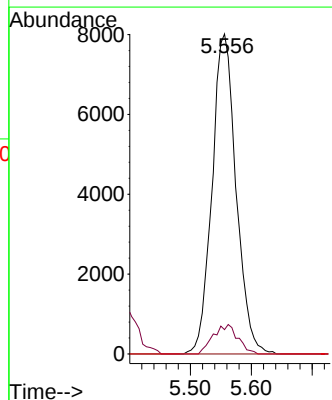
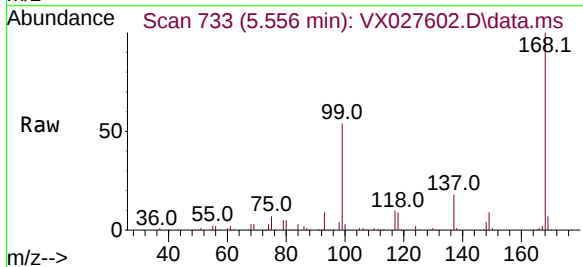
Instrument :
 MSVOA_X
 ClientSampleId :

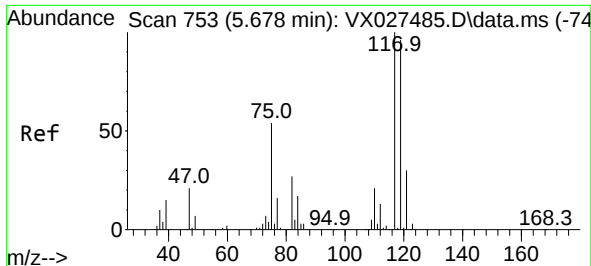
Tgt Ion:113 Resp: 180684
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.8 124.2
 192 20.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.652 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX027602.D
 Acq: 21 Mar 2022 21:33

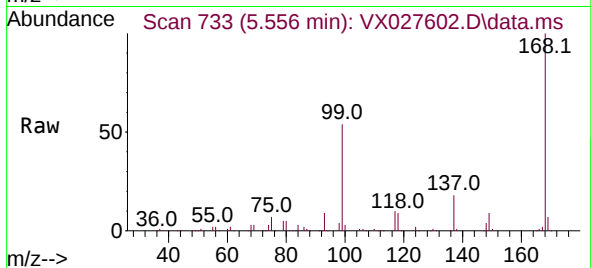
Tgt Ion: 75 Resp: 21979
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.3 54.8#
 77 0.0 24.8 37.2#



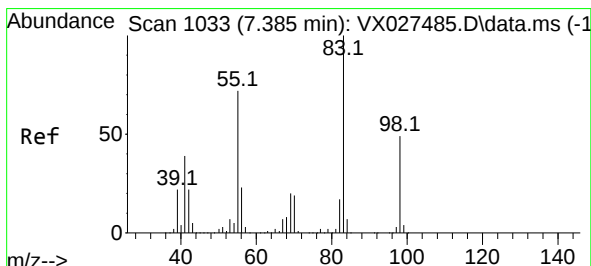
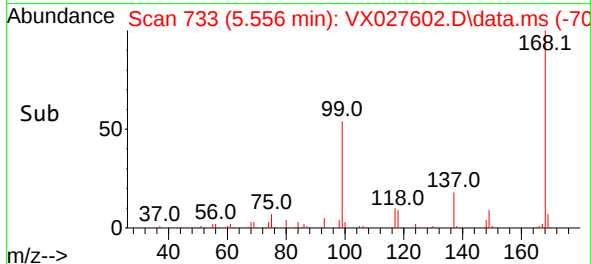
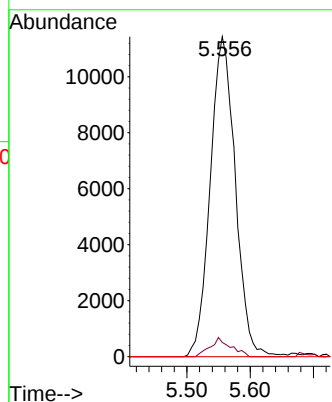


#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Instrument :
MSVOA_X
ClientSampleId :

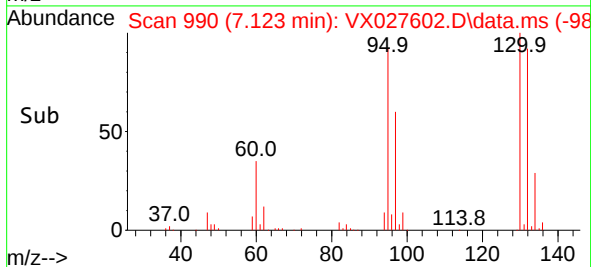
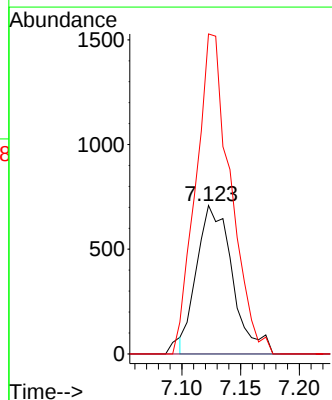
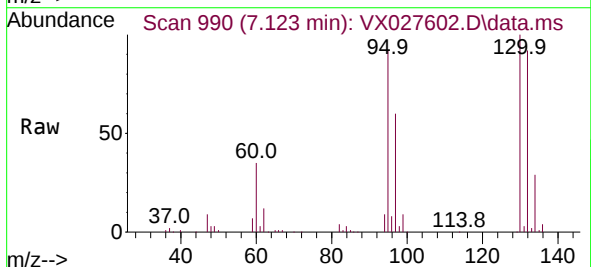


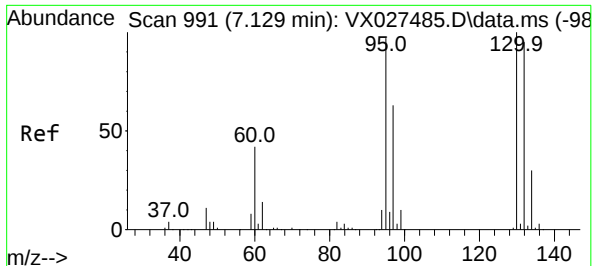
Tgt Ion:117 Resp: 31399
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.251 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

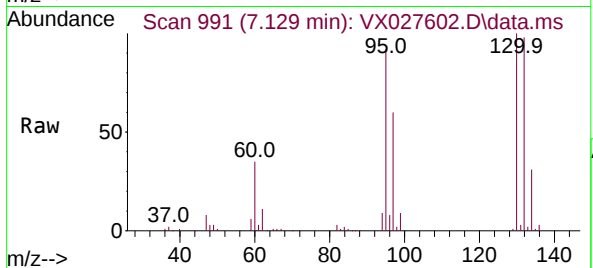
Tgt Ion: 83 Resp: 1492
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 207.2 37.4 56.2#



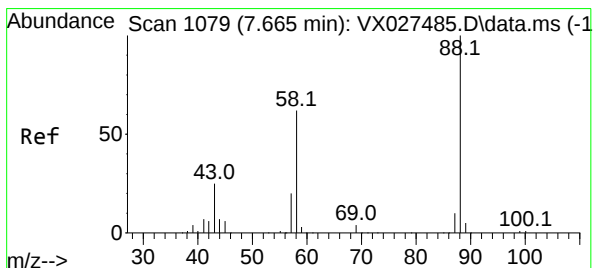
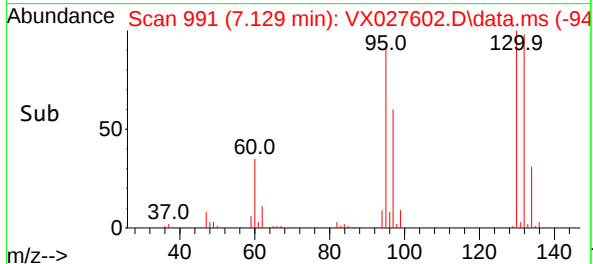
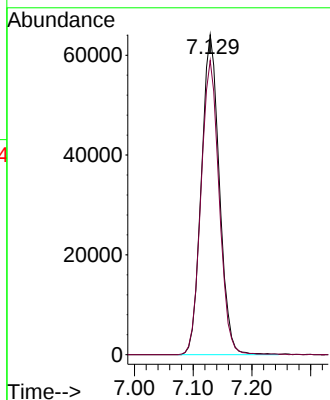


#44
Trichloroethene
Concen: 33.103 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Instrument :
MSVOA_X
ClientSampleId :

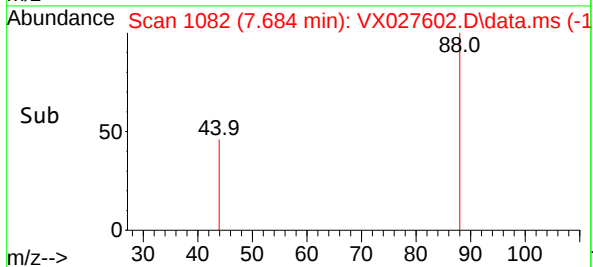
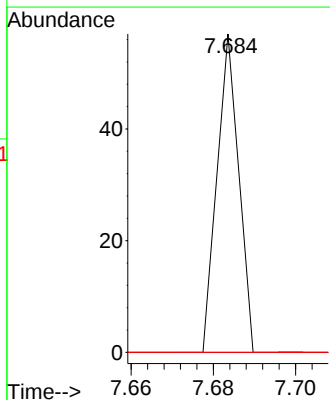
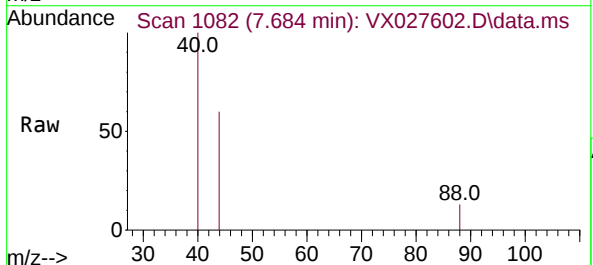


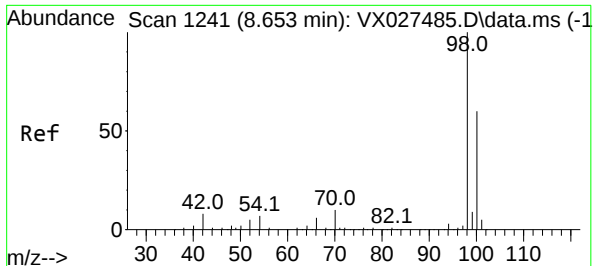
Tgt Ion:130 Resp: 136211
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.8



#49
1,4-Dioxane
Concen: 0.218 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

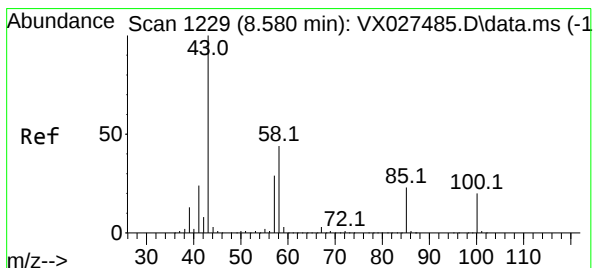
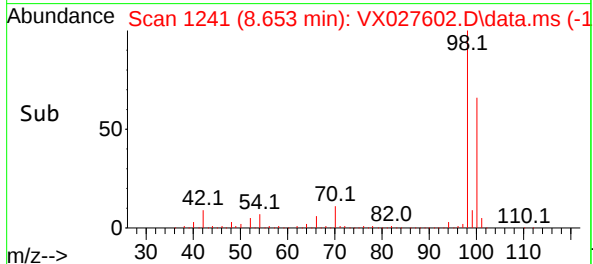
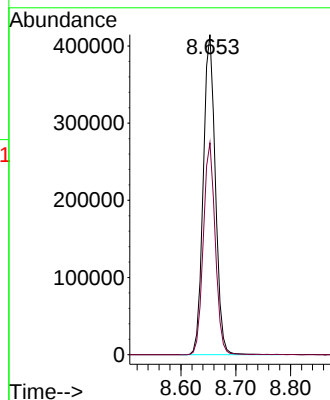
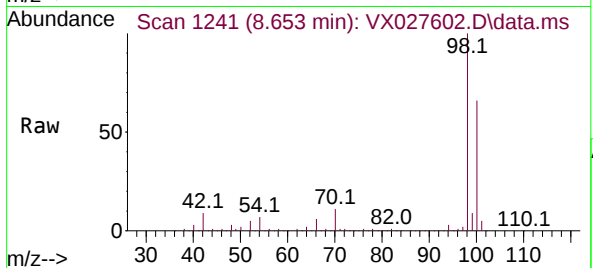




#50
Toluene-d8
Concen: 48.504 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

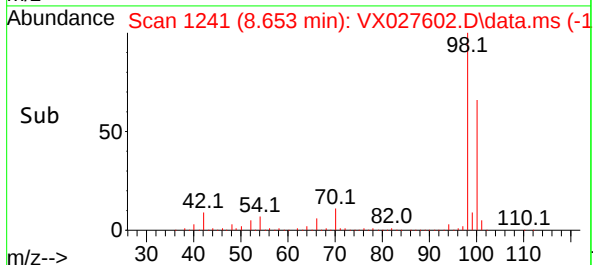
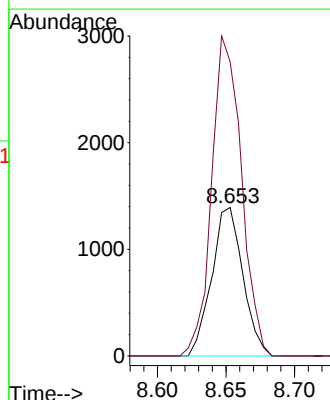
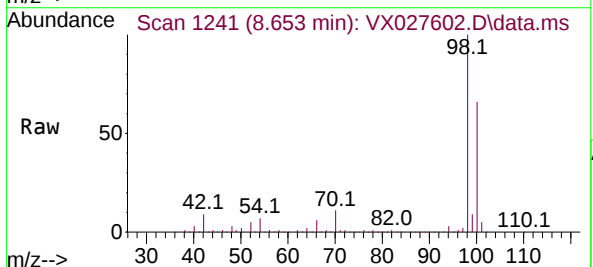
Instrument :
MSVOA_X
ClientSampleId :

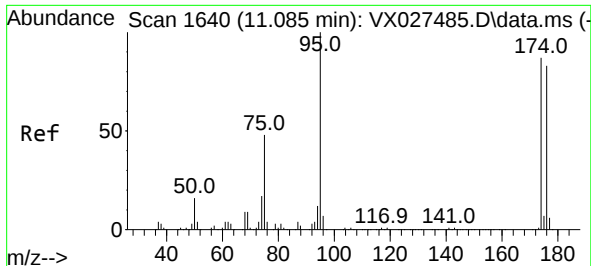
Tgt Ion: 98 Resp: 634565
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
58 205.3 36.1 54.1#

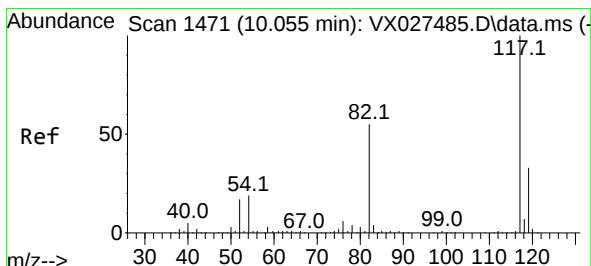
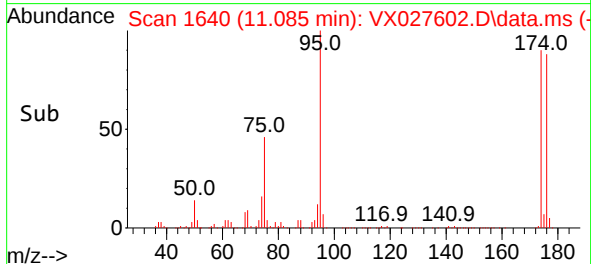
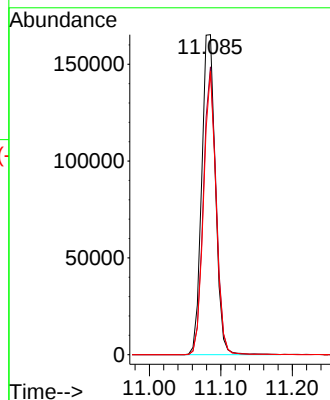
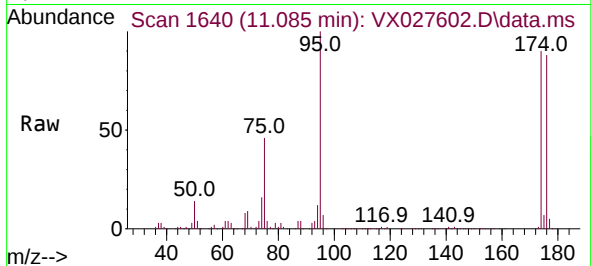




#62
4-Bromofluorobenzene
Concen: 45.636 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

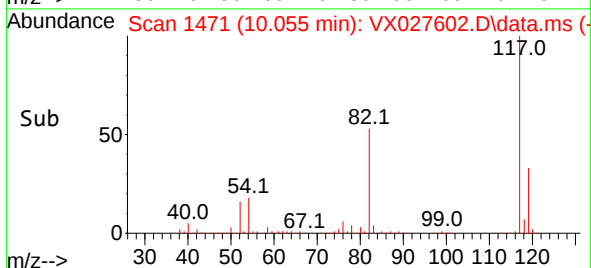
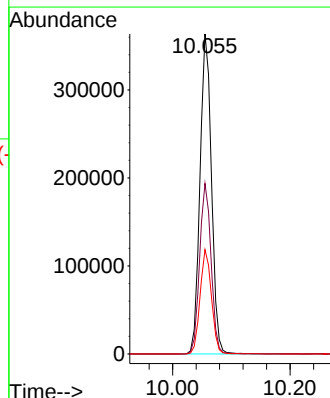
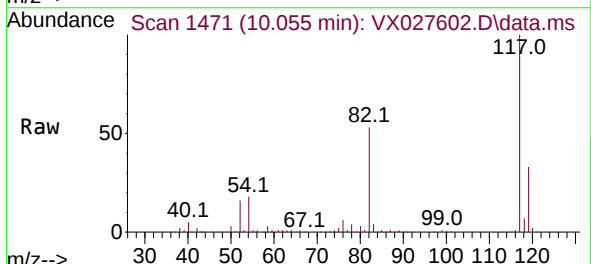
Instrument :
MSVOA_X
ClientSampleId :

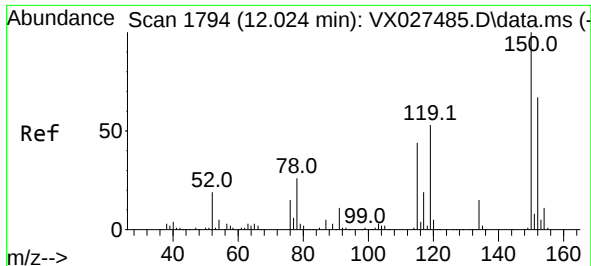
Tgt Ion: 95 Resp: 219450
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.0
176 81.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027602.D
Acq: 21 Mar 2022 21:33

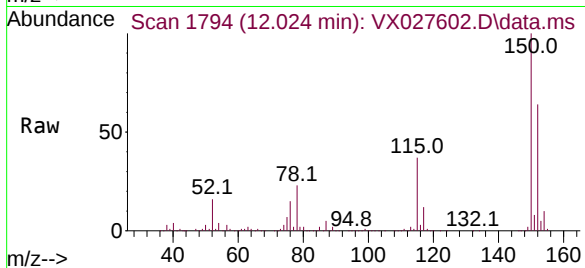
Tgt Ion: 117 Resp: 493404
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 32.6 24.8 37.2



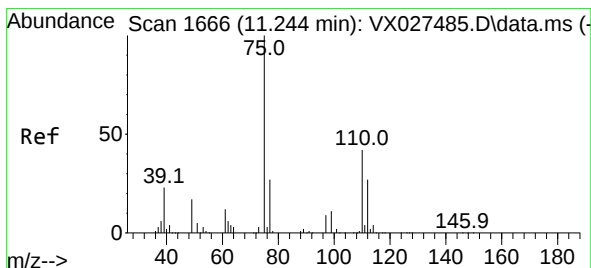
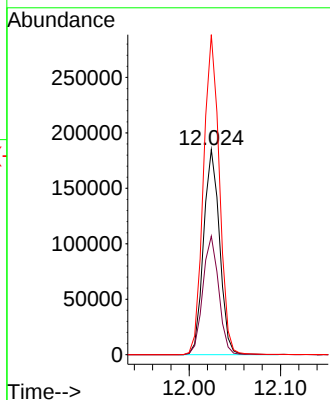
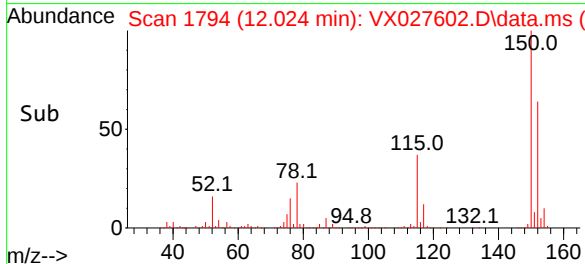


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027602.D
 Acq: 21 Mar 2022 21:33

Instrument :
 MSVOA_X
 ClientSampleId :

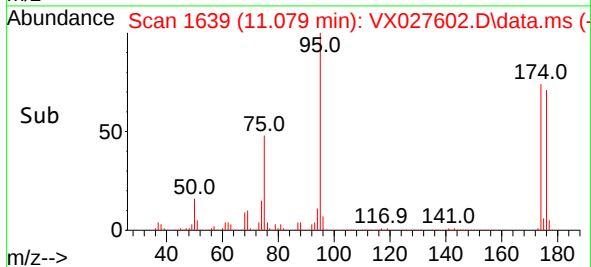
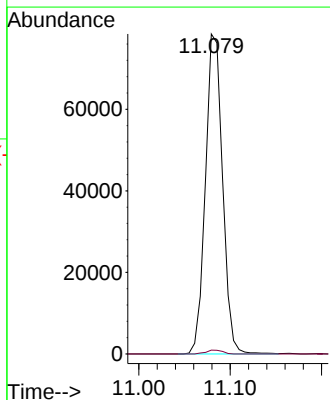
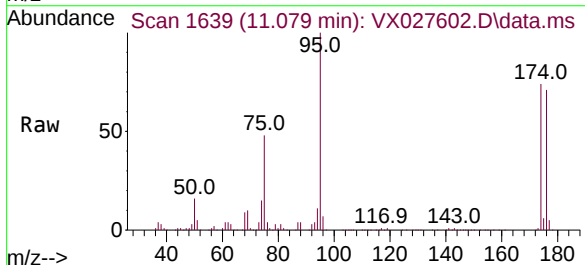


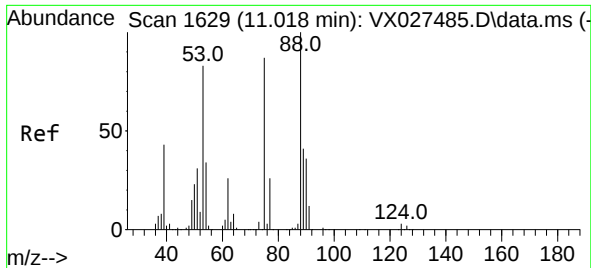
Tgt Ion:152 Resp: 223813
 Ion Ratio Lower Upper
 152 100
 115 57.4 37.5 112.7
 150 155.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.828 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX027602.D
 Acq: 21 Mar 2022 21:33

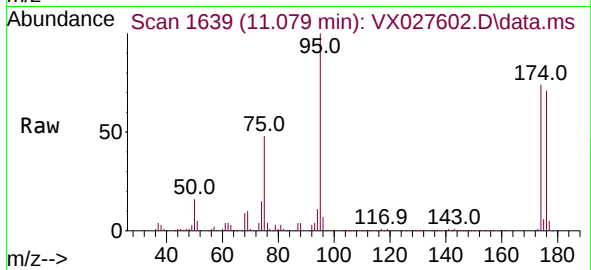
Tgt Ion: 75 Resp: 102188
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.294 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX027602.D
 Acq: 21 Mar 2022 21:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 102188
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

