

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030827.D
 Acq On : 26 Aug 2022 16:15
 Operator : JC/MD
 Sample : N4262-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Aug 27 02:40:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

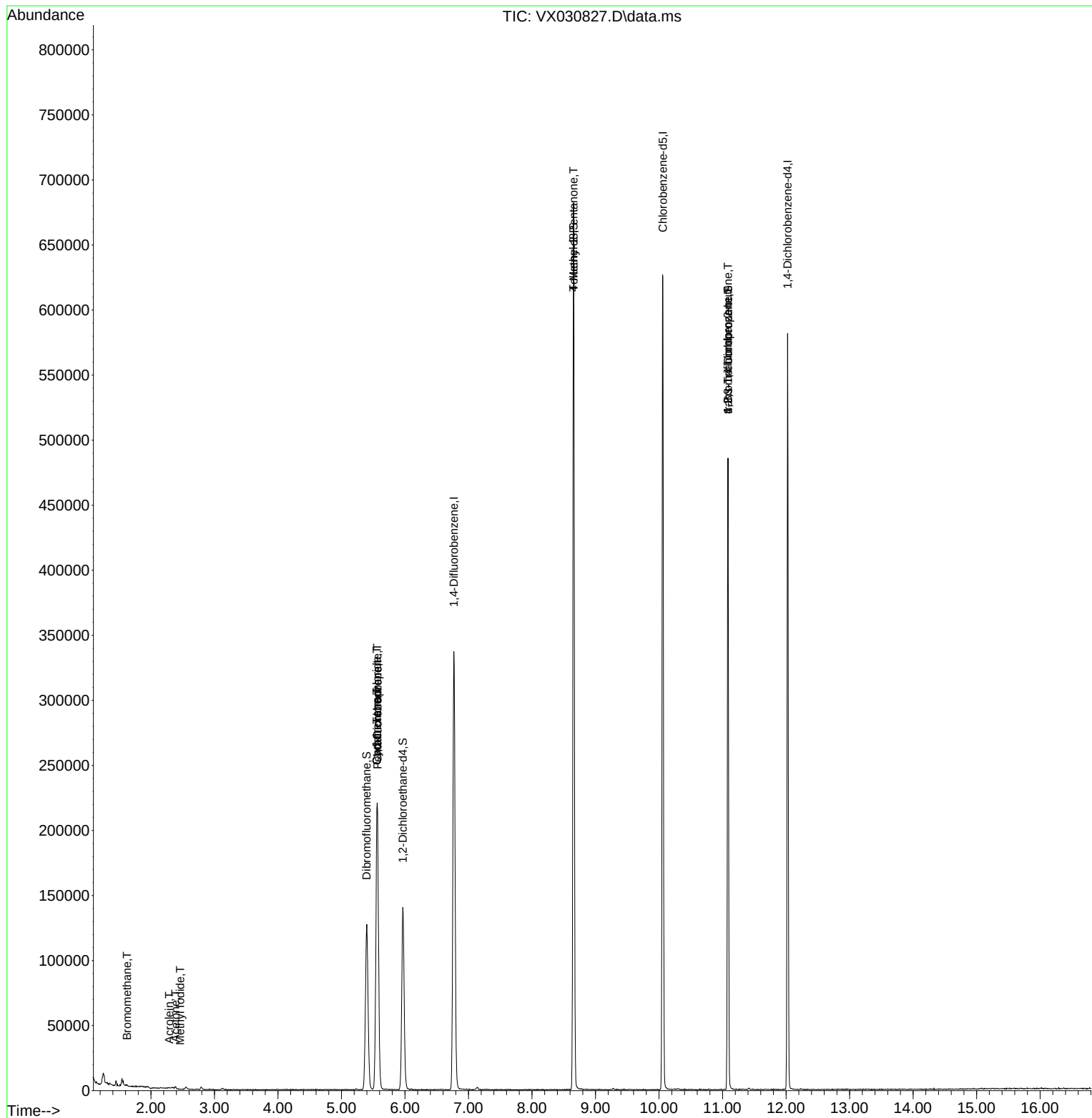
Internal Standards						
1) Pentafluorobenzene	5.568	168	210262	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	351641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	297766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132887	53.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.460%	
35) Dibromofluoromethane	5.397	113	111640	51.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.320%	
50) Toluene-d8	8.653	98	402321	53.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	11.085	95	125679	44.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	329	Below Cal	#	69
5) Bromomethane	1.624	94	253	0.258	ug/l #	65
6) Chloroethane	1.697	64	163	Below Cal	#	41
10) Methyl Iodide	2.459	142	121	4.095	ug/l #	45
13) Acrolein	2.288	56	94	10.242	ug/l #	14
16) Acetone	2.386	43	1364	1.193	ug/l	97
17) Carbon Disulfide	2.508	76	366	Below Cal	#	74
20) Methylene Chloride	2.782	84	864	Below Cal	#	86
31) Cyclohexane	5.556	56	4489	1.419	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16866	5.731	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21861	7.042	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1669	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	62785	24.077	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62785	77.684	ug/l #	13

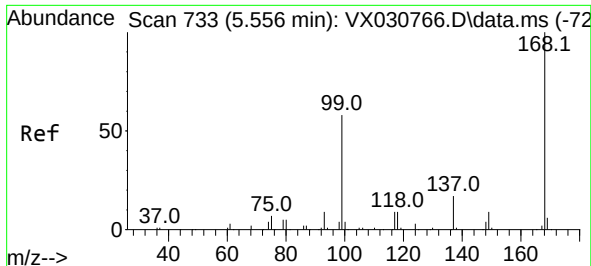
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
Data File : VX030827.D
Acq On : 26 Aug 2022 16:15
Operator : JC/MD
Sample : N4262-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Quant Time: Aug 27 02:40:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

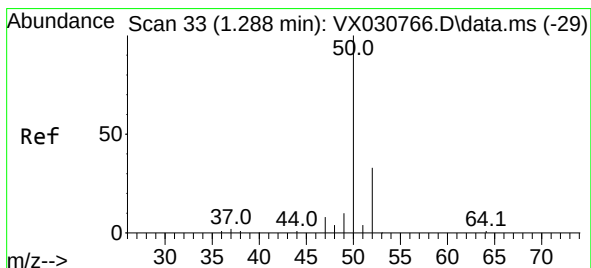
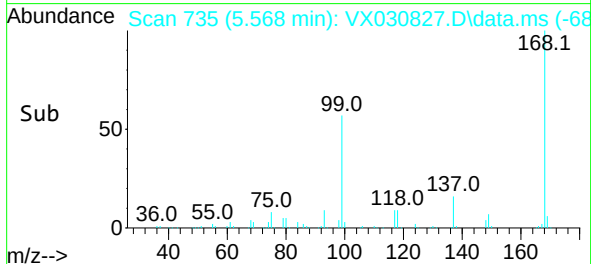
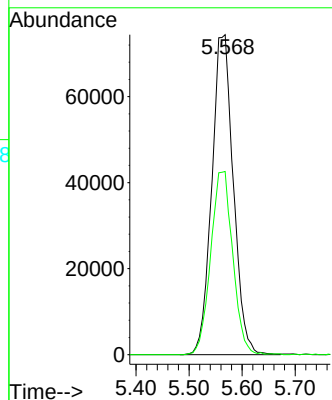
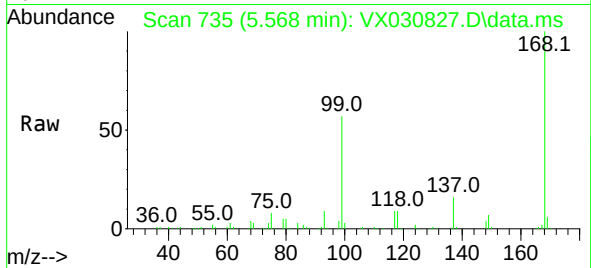




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

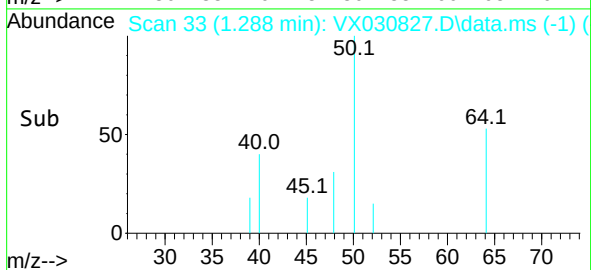
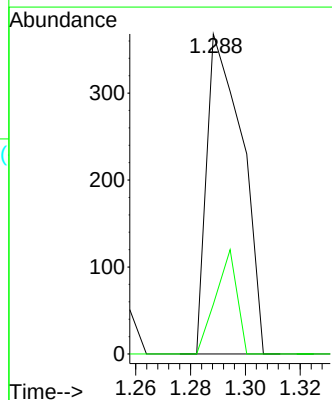
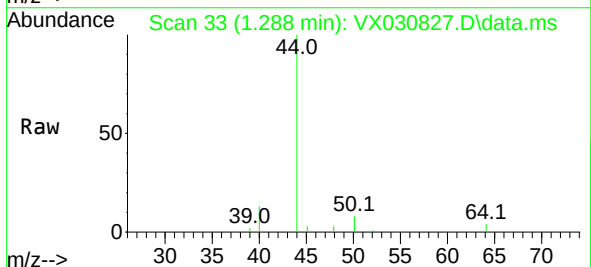
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

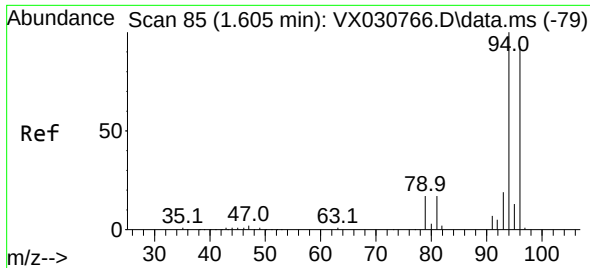
Tgt Ion:168 Resp: 210262
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 15.5 26.3 39.5#

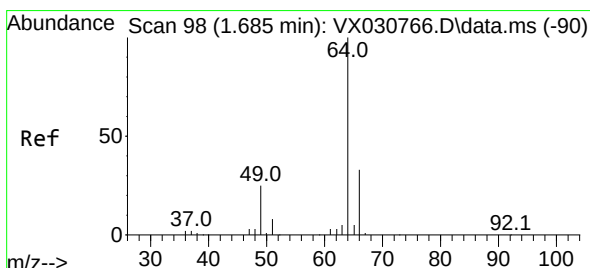
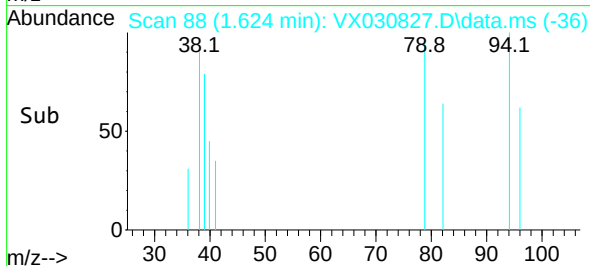
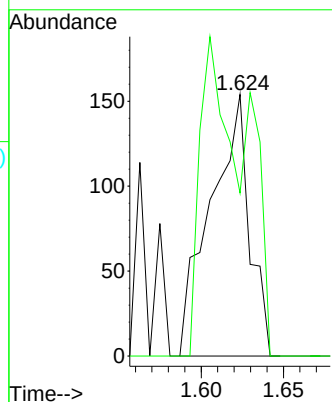
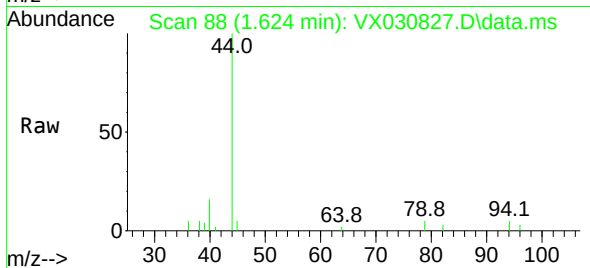




#5
Bromomethane
Concen: 0.258 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

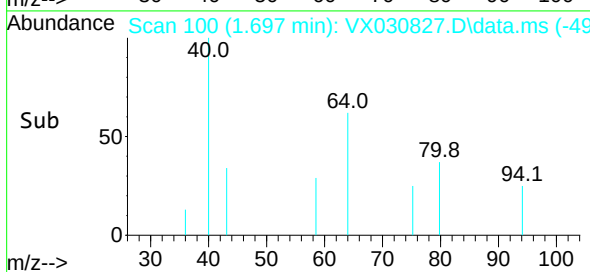
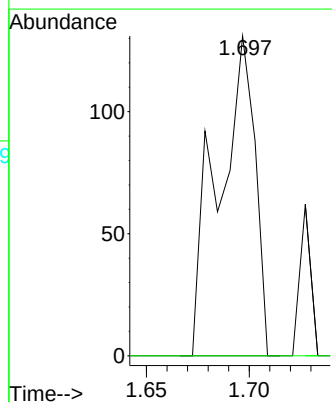
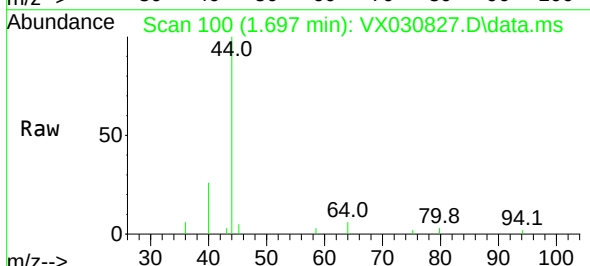
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

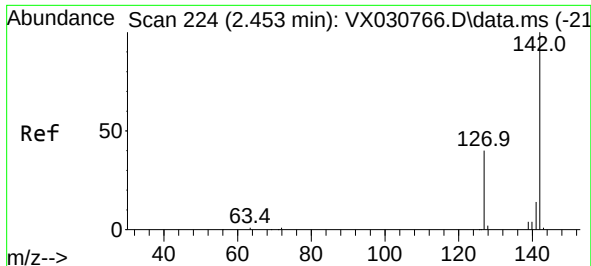
Tgt Ion: 94 Resp: 253
Ion Ratio Lower Upper
94 100
96 62.3 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

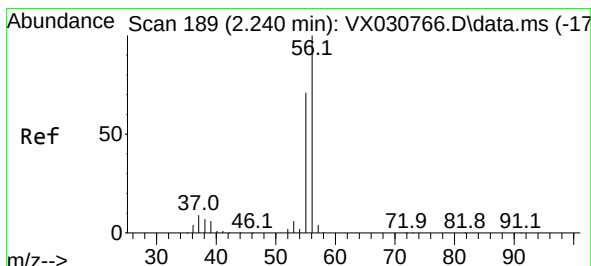
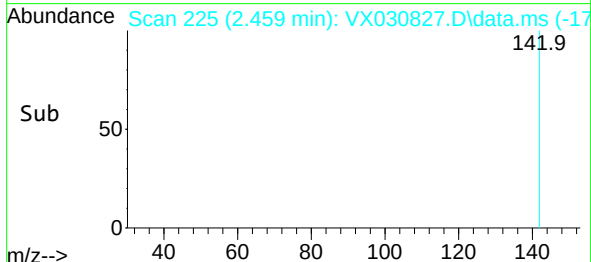
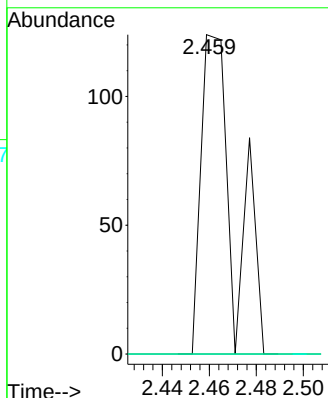
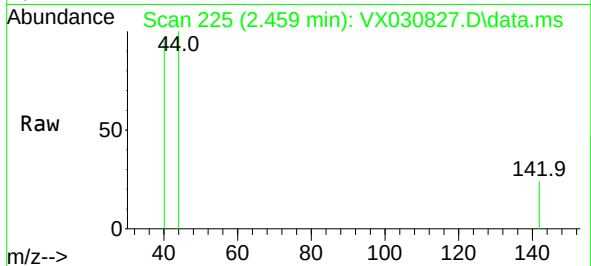




#10
Methyl Iodide
Concen: 4.095 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

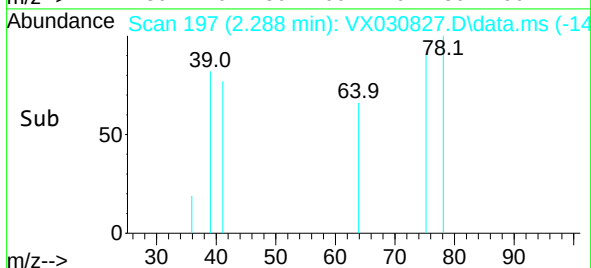
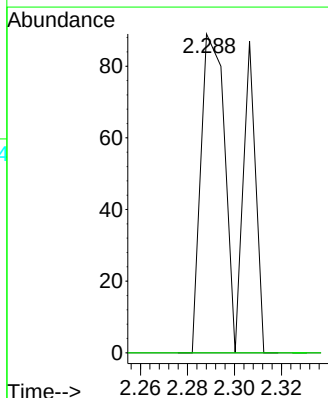
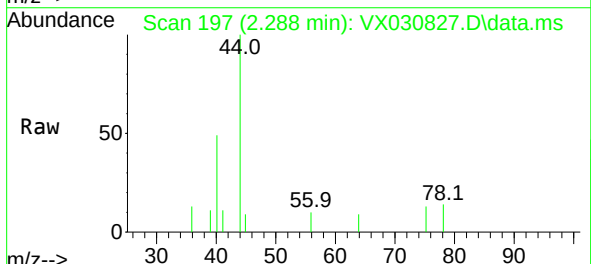
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

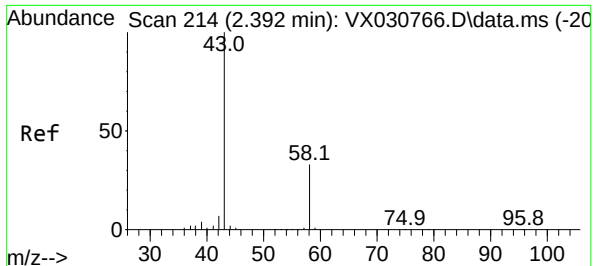
Tgt Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 10.242 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.048 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

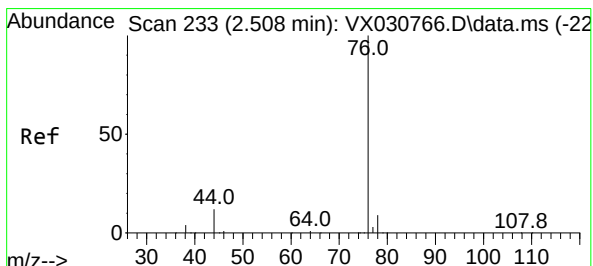
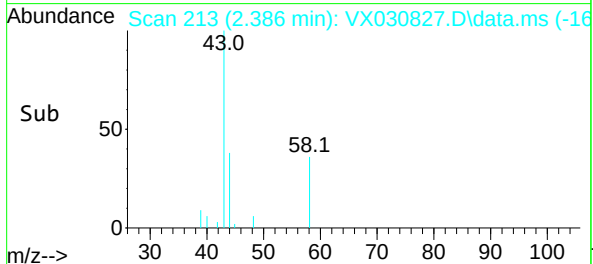
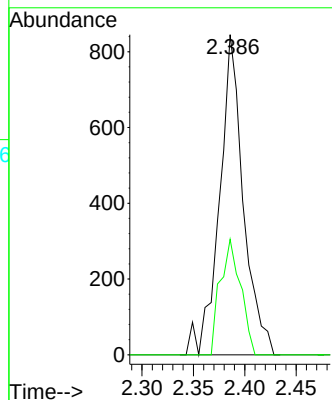
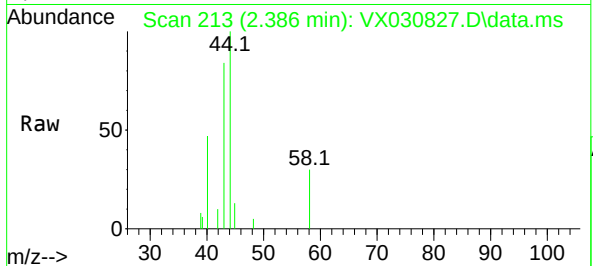




#16
Acetone
Concen: 1.193 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

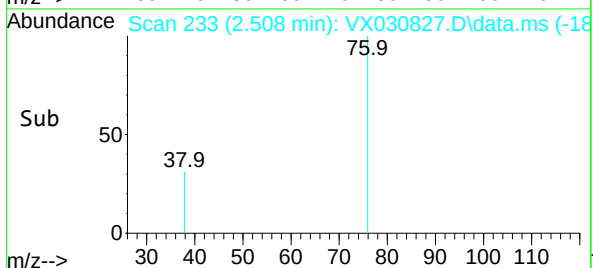
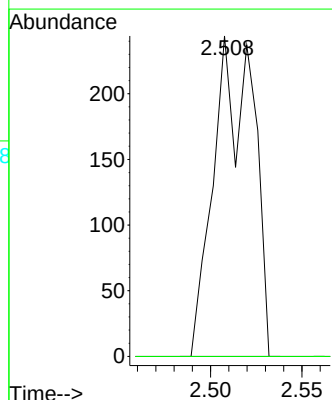
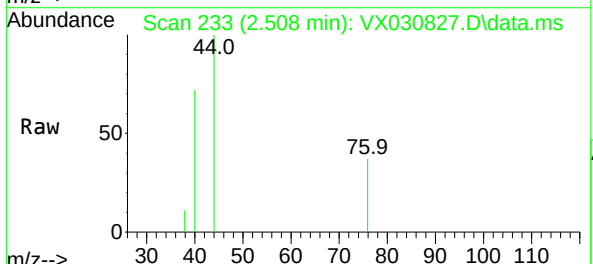
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

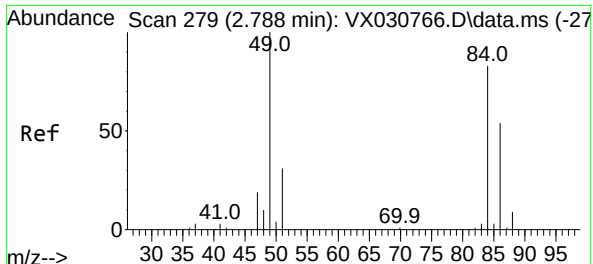
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 36.1 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 76 Resp: 366
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

Tgt Ion: 84 Resp: 864

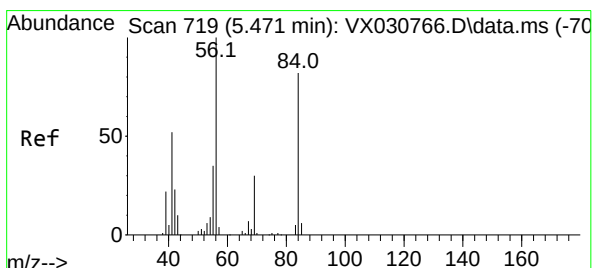
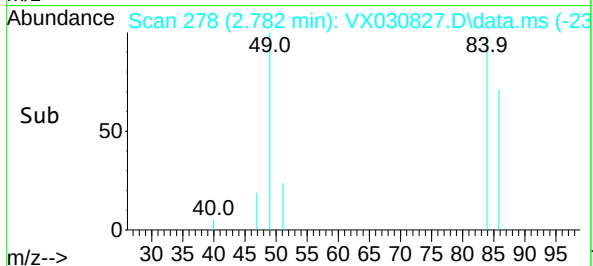
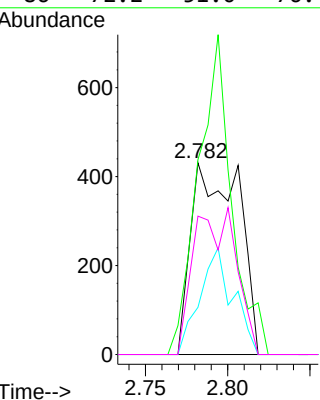
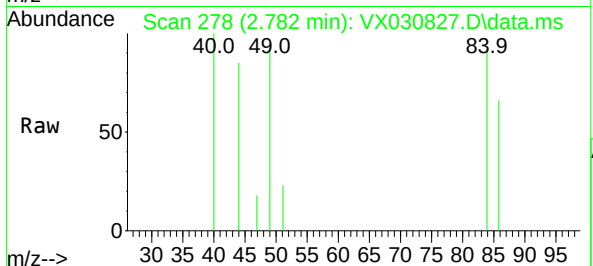
Ion Ratio Lower Upper

84 100

49 101.6 93.8 140.6

51 24.6 29.4 44.0#

86 72.2 51.0 76.4



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

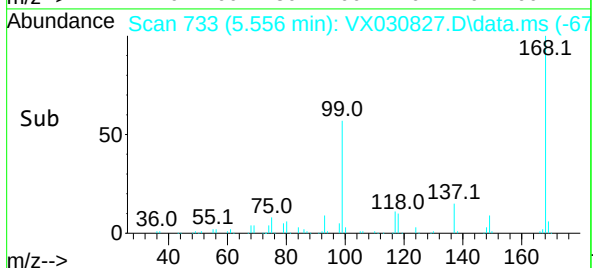
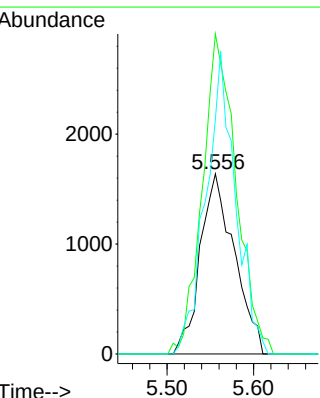
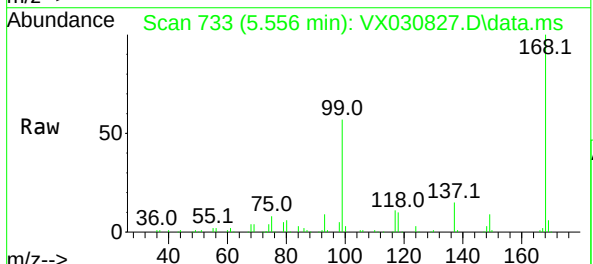
Tgt Ion: 56 Resp: 4489

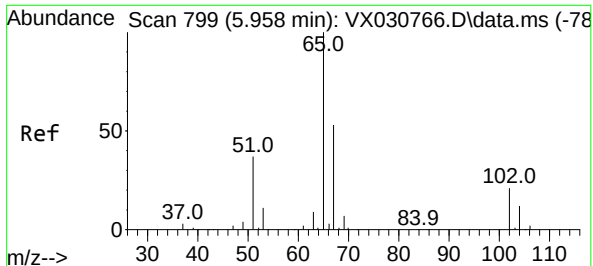
Ion Ratio Lower Upper

56 100

69 177.7 25.4 38.0#

84 130.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.730 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

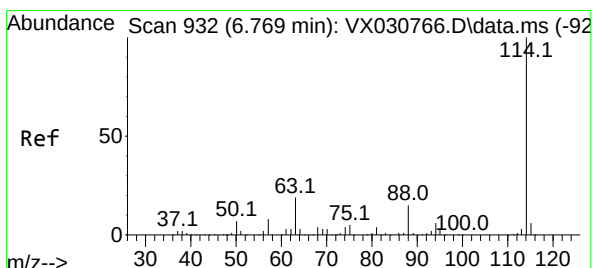
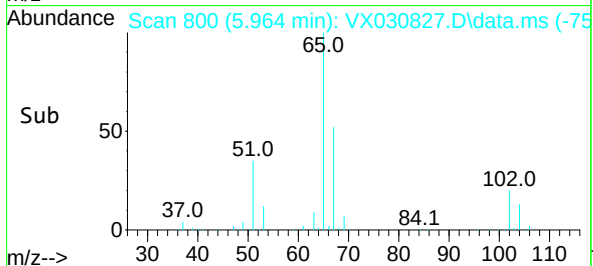
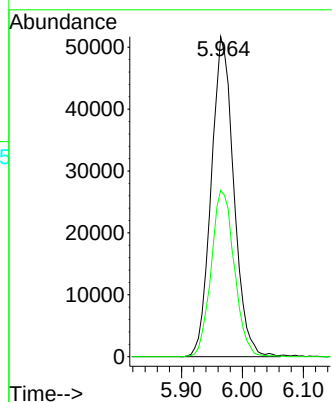
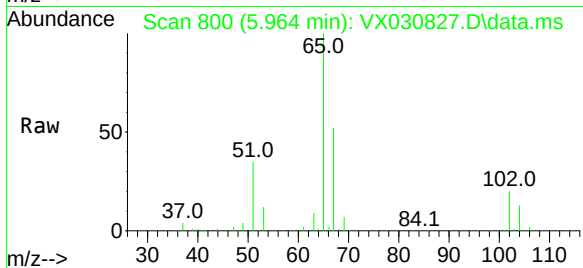
MW-102D

Tgt Ion: 65 Resp: 132887

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

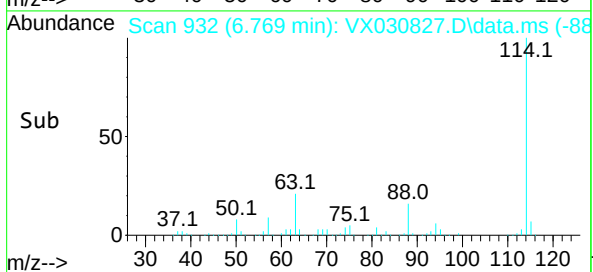
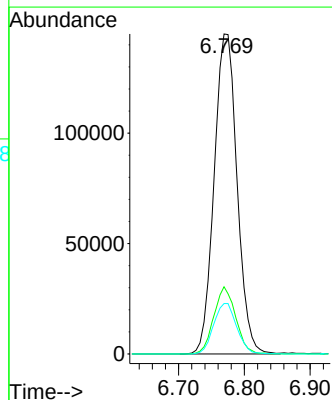
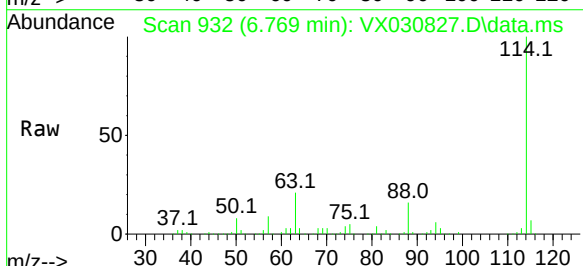
Tgt Ion: 114 Resp: 351641

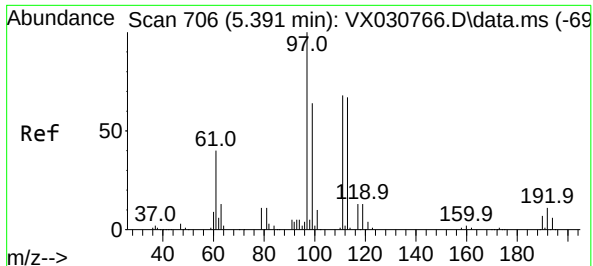
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

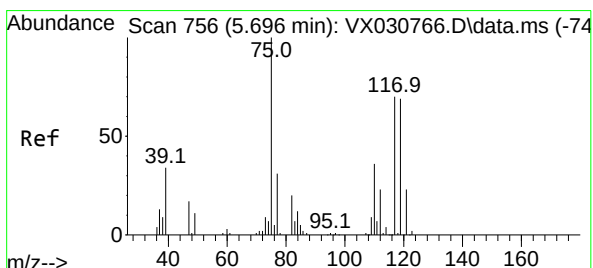
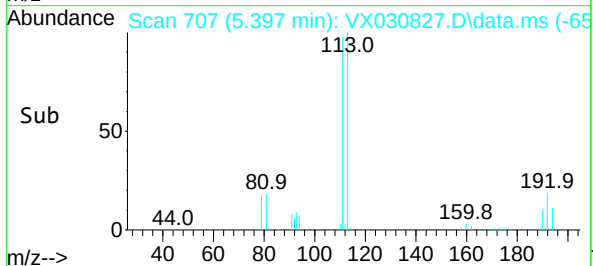
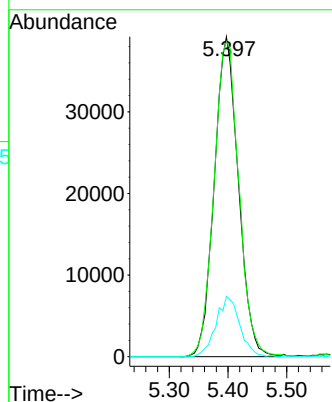
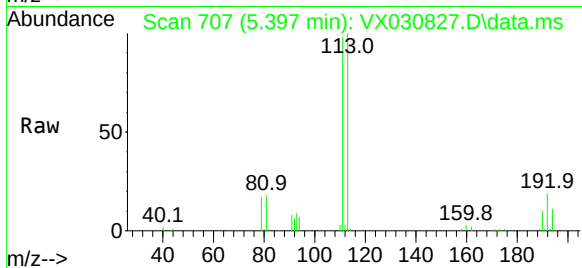
Tgt Ion:113 Resp: 111640

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.731 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030827.D

Acq: 26 Aug 2022 16:15

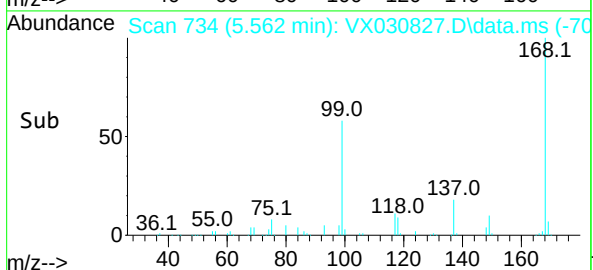
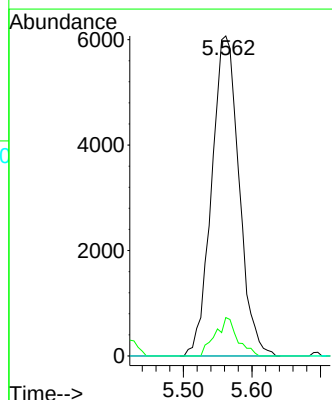
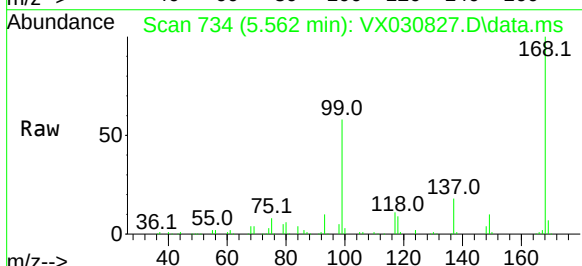
Tgt Ion: 75 Resp: 16866

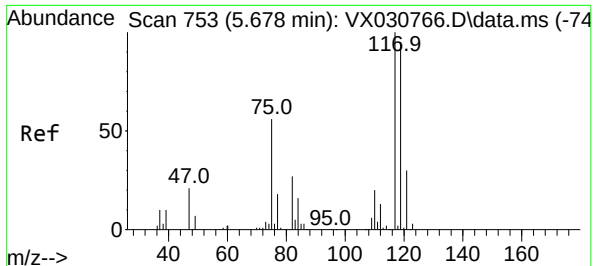
Ion Ratio Lower Upper

75 100

110 9.7 19.3 57.9#

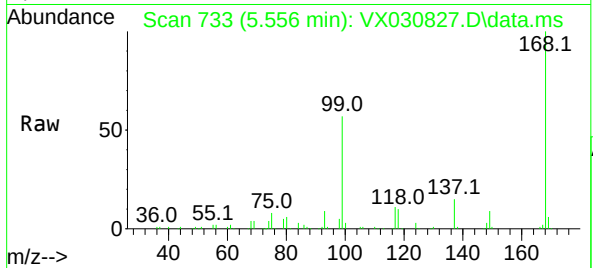
77 0.0 24.4 36.6#



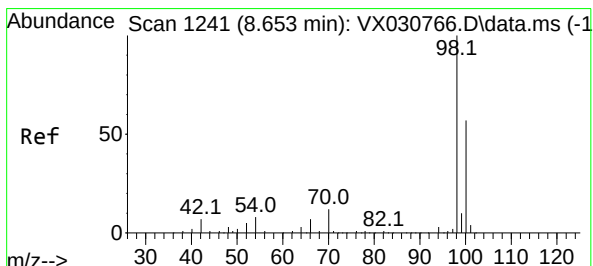
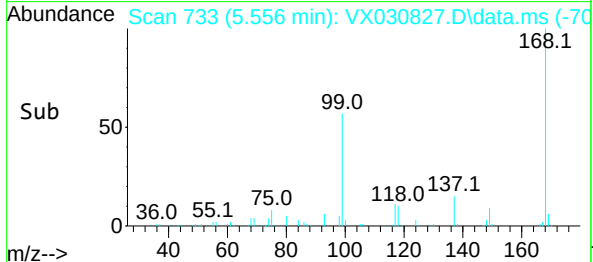
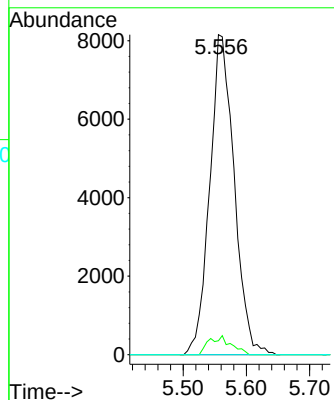


#38
Carbon Tetrachloride
Concen: 7.042 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

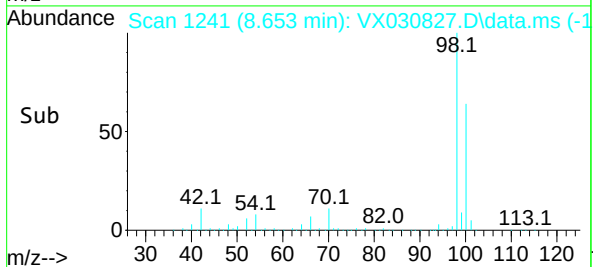
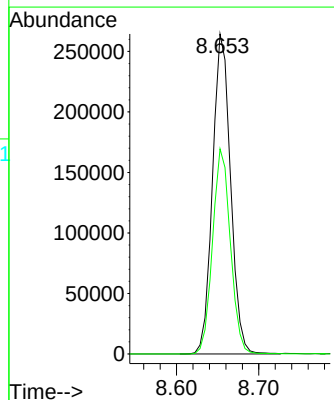
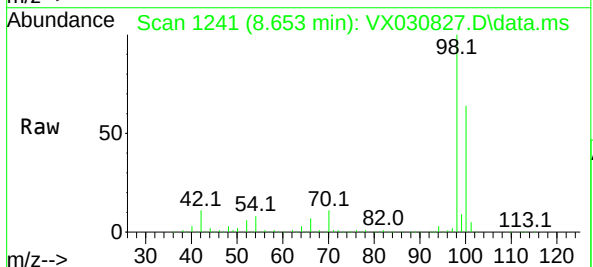


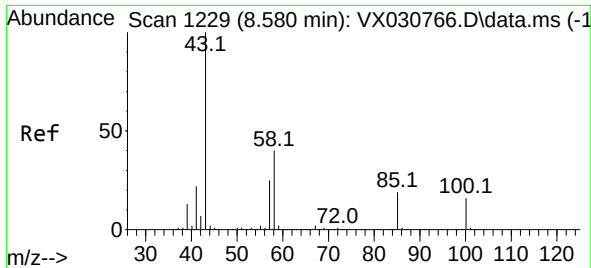
Tgt Ion:117 Resp: 21861
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 53.423 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 98 Resp: 402321
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5

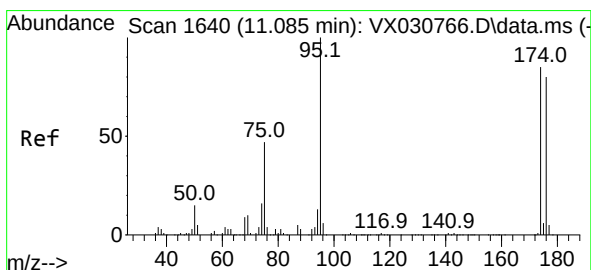
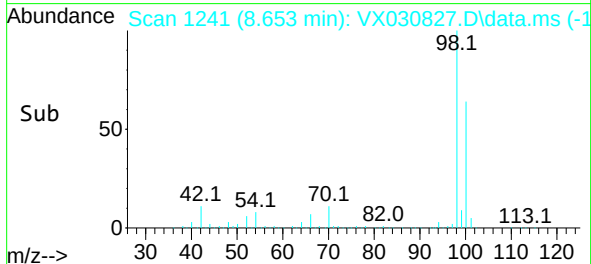
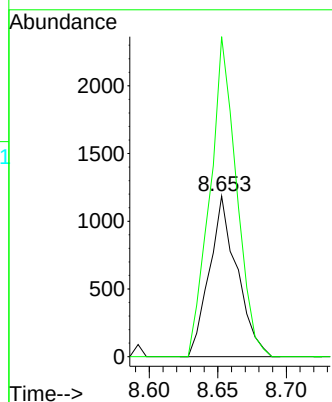
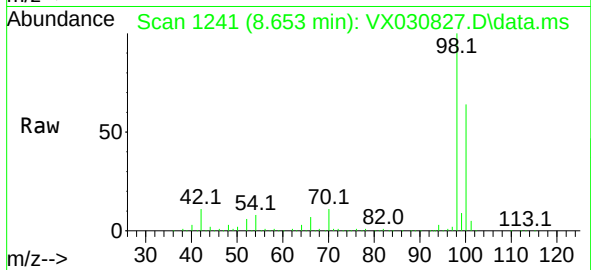




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

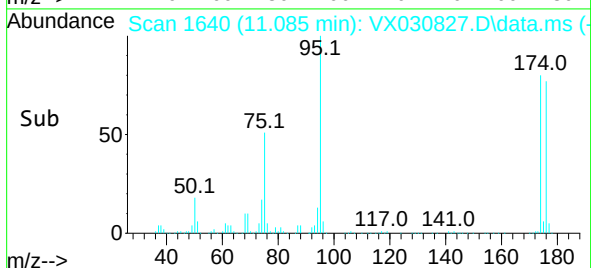
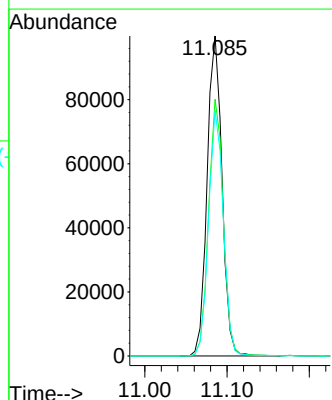
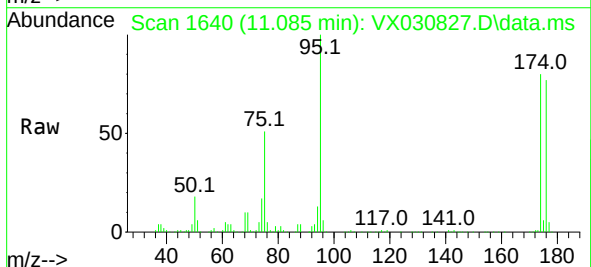
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

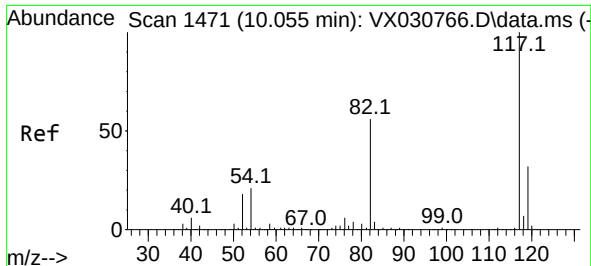
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 190.5 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 44.826 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 95 Resp: 125679
Ion Ratio Lower Upper
95 100
174 79.5 0.0 149.0
176 76.3 0.0 146.0

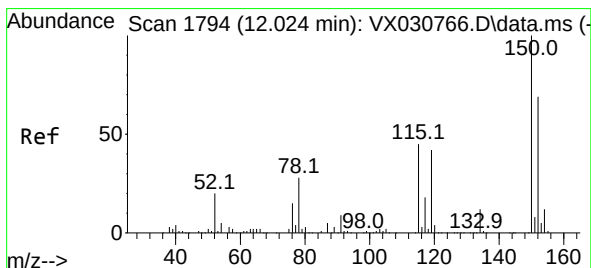
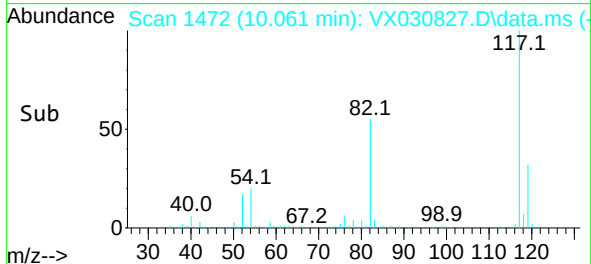
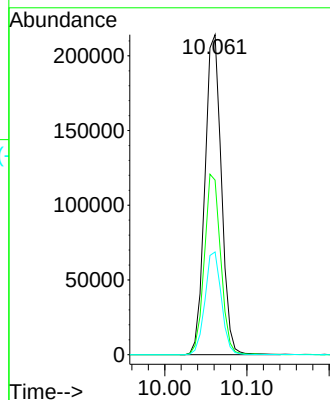
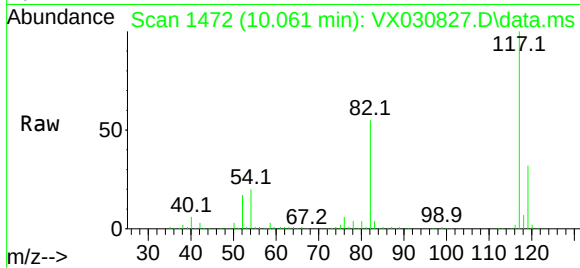




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

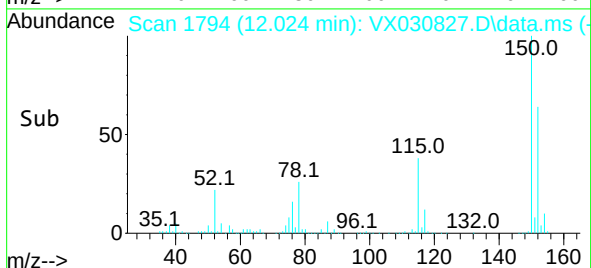
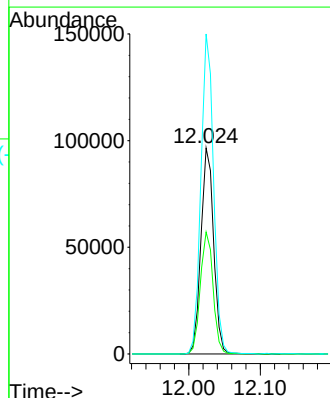
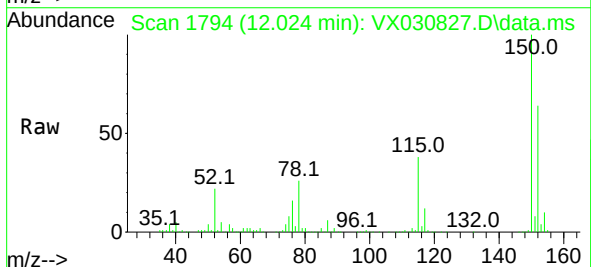
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

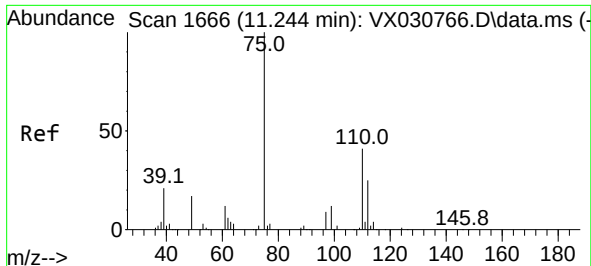
Tgt Ion:117 Resp: 297766
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion:152 Resp: 119023
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 154.4 0.0 347.0

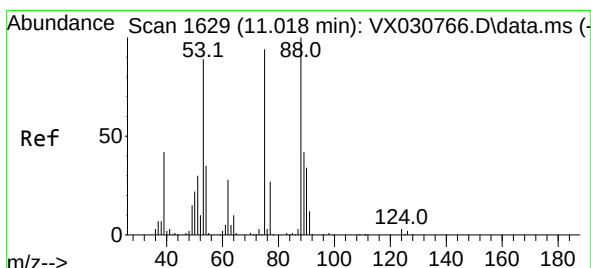
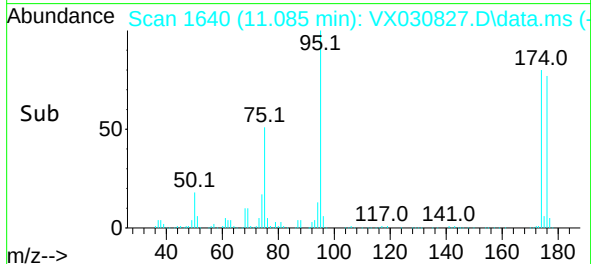
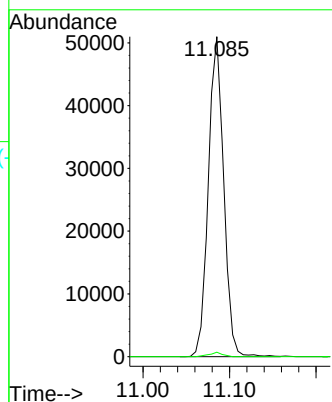
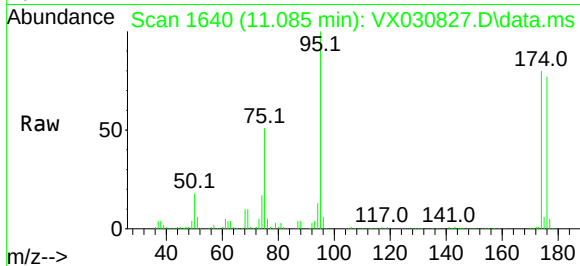




#76
1,2,3-Trichloropropane
Concen: 24.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tgt Ion: 75 Resp: 62785
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.684 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030827.D
Acq: 26 Aug 2022 16:15

Tgt Ion: 75 Resp: 62785
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

