

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030826.D
 Acq On : 26 Aug 2022 15:51
 Operator : JC/MD
 Sample : N4245-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20220817

Quant Time: Aug 27 02:40:08 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)

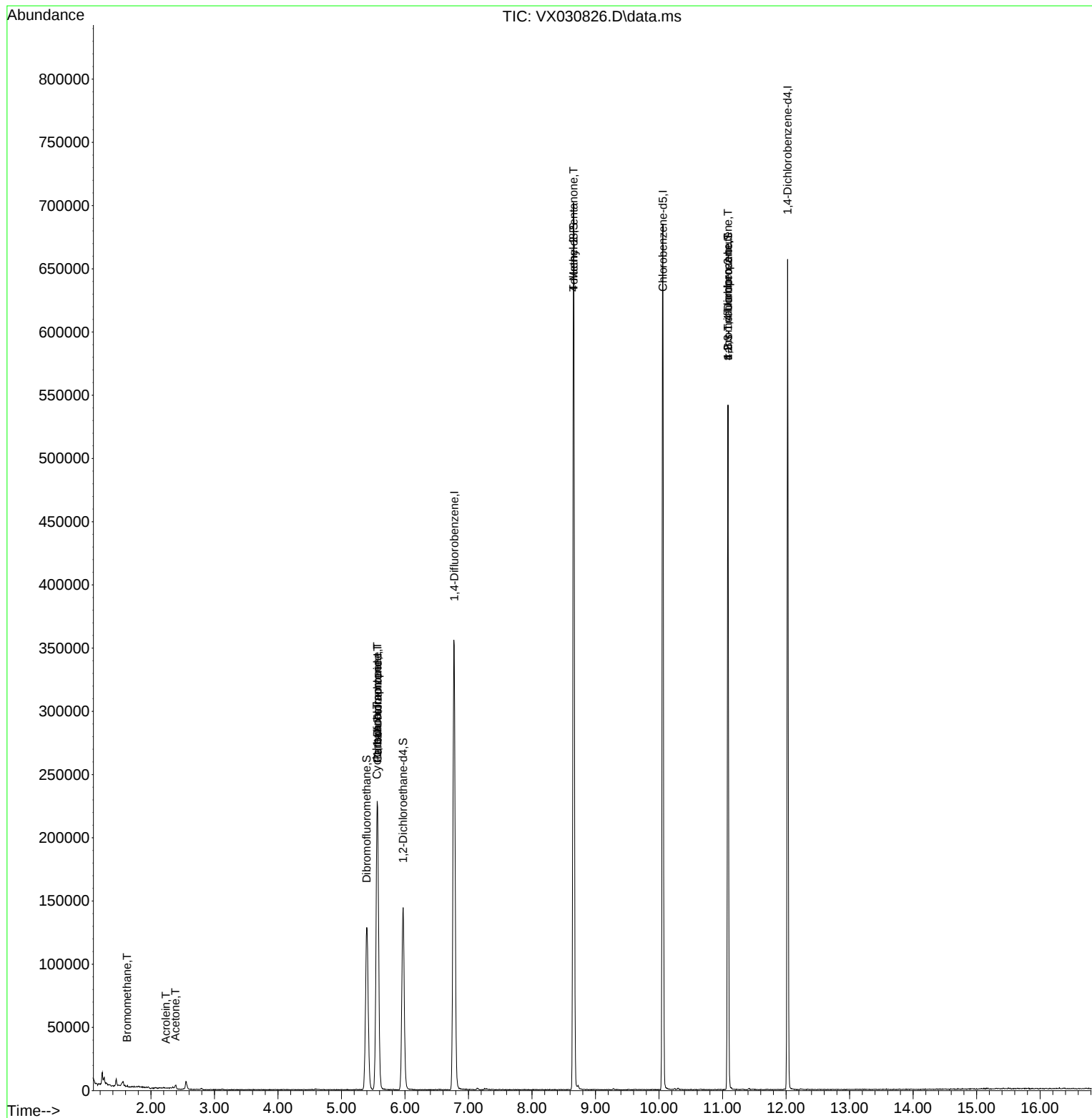
Internal Standards						
1) Pentafluorobenzene	5.568	168	216475	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	365619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	320291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	138727	54.481	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.960%	
35) Dibromofluoromethane	5.397	113	114847	51.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	8.653	98	426692	54.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	11.085	95	138620	47.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	430	Below Cal	#	88
4) Vinyl Chloride	1.398	62	19	Below Cal	#	43
5) Bromomethane	1.624	94	352	0.349	ug/l #	39
6) Chloroethane	1.703	64	40	Below Cal	#	41
13) Acrolein	2.233	56	44	10.139	ug/l #	72
16) Acetone	2.386	43	2663	2.263	ug/l #	85
17) Carbon Disulfide	2.508	76	533	Below Cal	#	74
20) Methylene Chloride	2.788	84	481	Below Cal	#	73
31) Cyclohexane	5.556	56	4597	1.412	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	17012	5.560	ug/l #	45
38) Carbon Tetrachloride	5.568	117	21862	6.774	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1809	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	68958	24.095	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	68958	77.741	ug/l #	13

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

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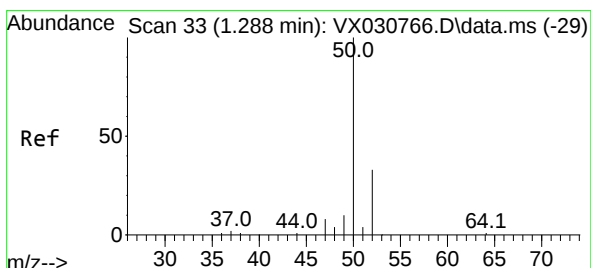
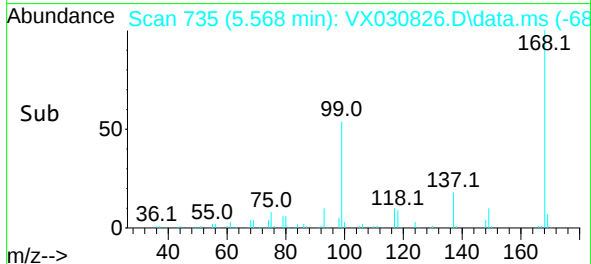
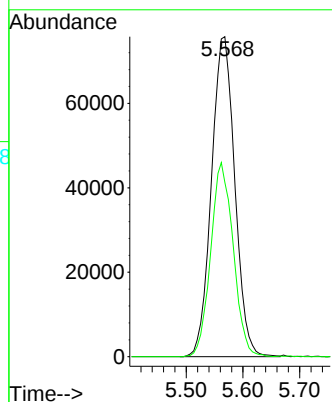
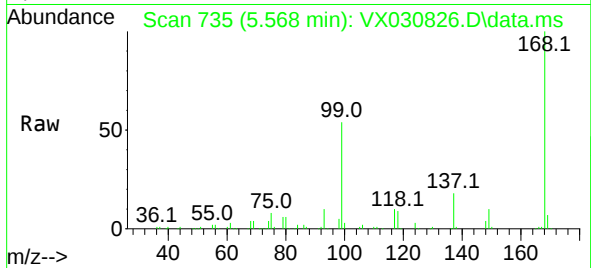




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

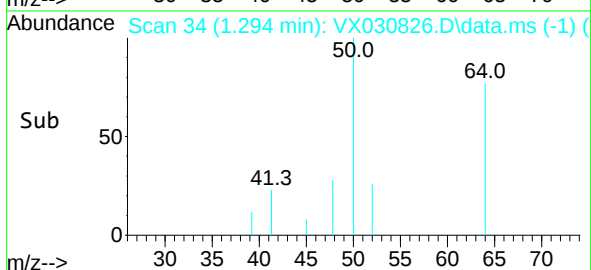
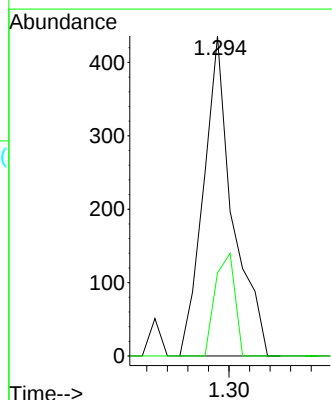
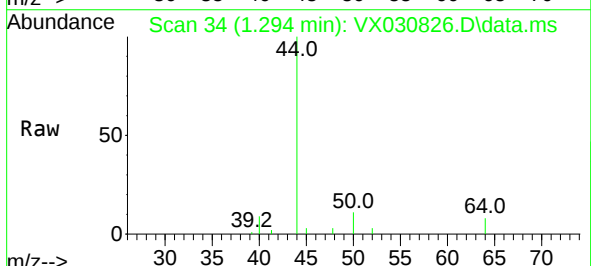
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

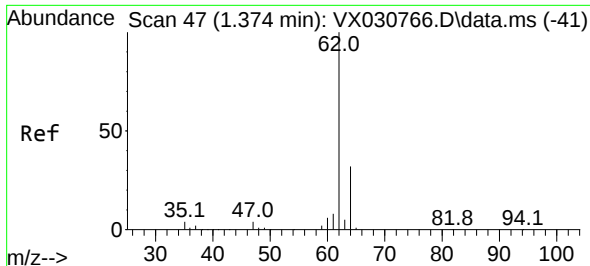
Tgt Ion:168 Resp: 216475
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 25.9 26.3 39.5#

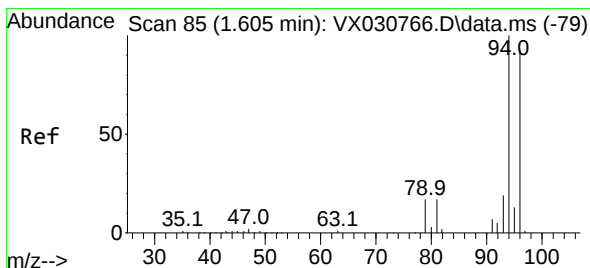
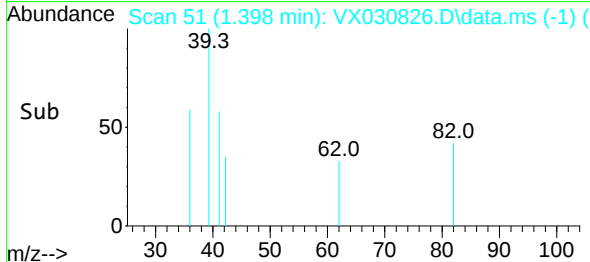
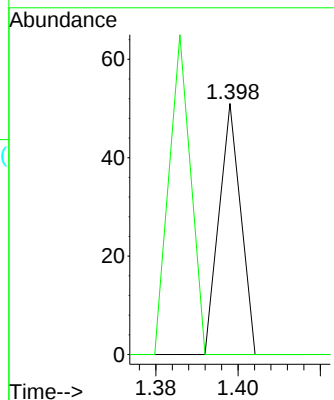
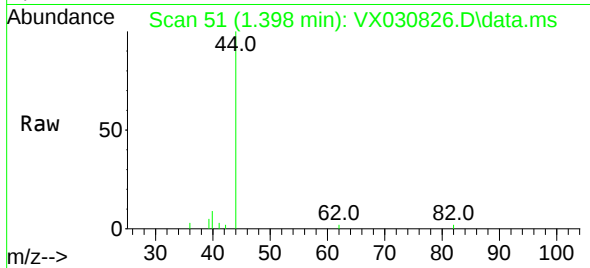




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.398 min Scan# 51
 Delta R.T. 0.024 min
 Lab File: VX030826.D
 Acq: 26 Aug 2022 15:51

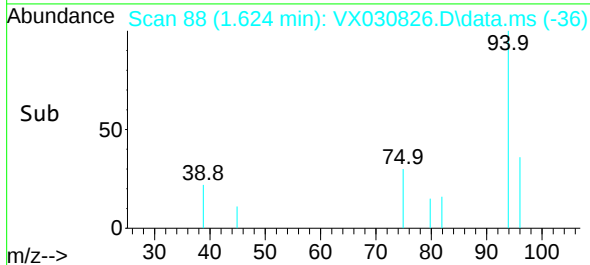
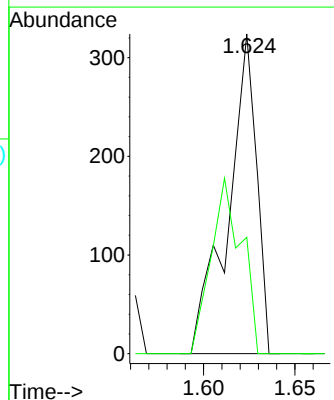
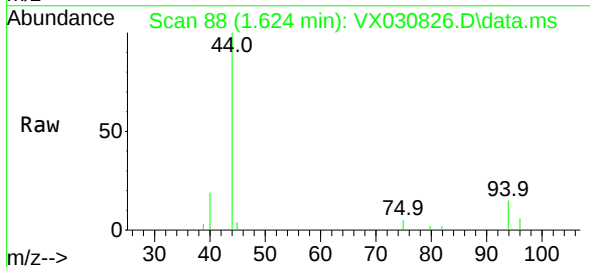
Instrument :
 MSVOA_X
 ClientSampleId :
 TT163S1-20220817

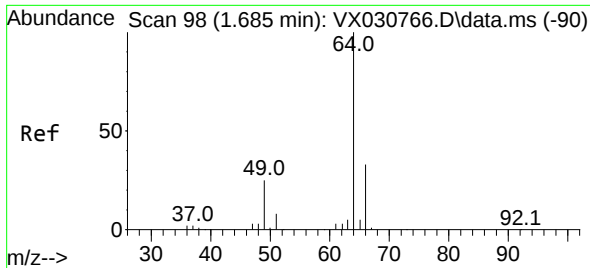
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.349 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.018 min
 Lab File: VX030826.D
 Acq: 26 Aug 2022 15:51

Tgt Ion: 94 Resp: 352
 Ion Ratio Lower Upper
 94 100
 96 36.4 76.9 115.3#

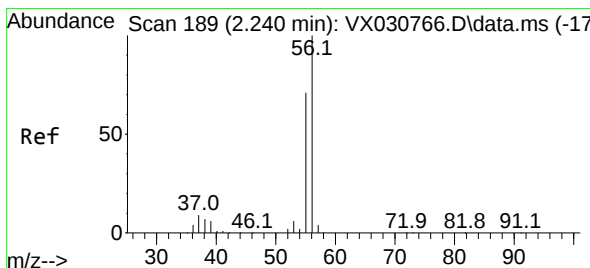
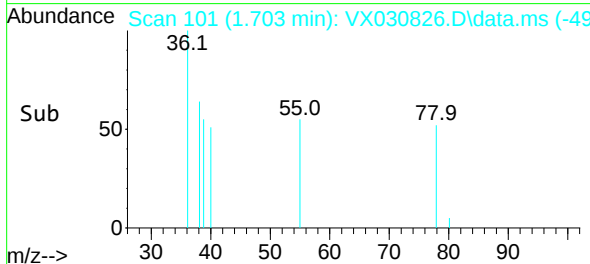
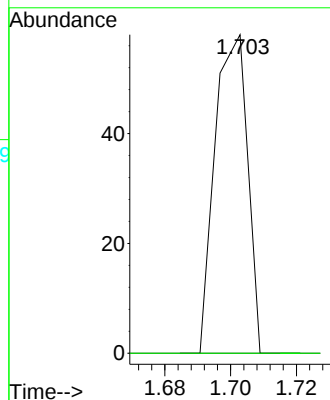
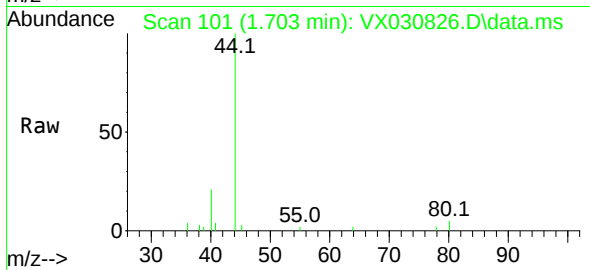




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

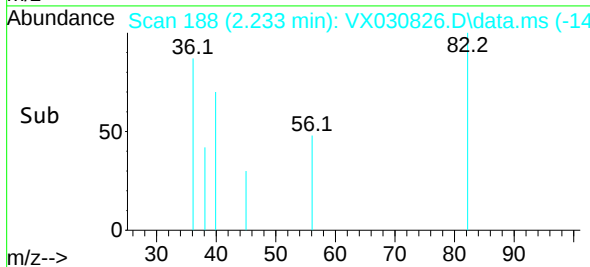
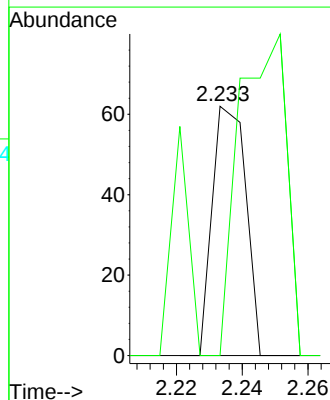
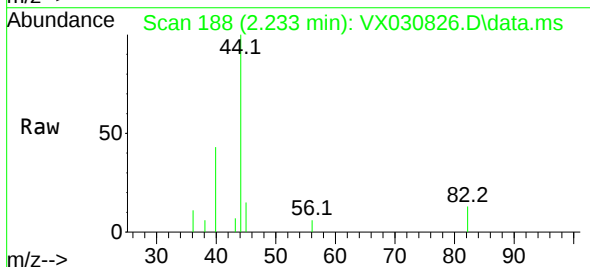
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

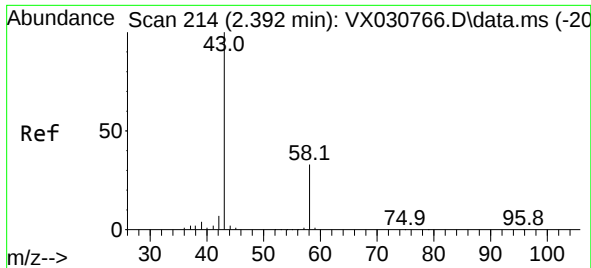
Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#13
Acrolein
Concen: 10.139 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 47.7 56.6 84.8#

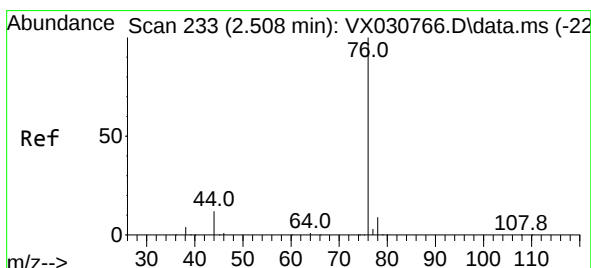
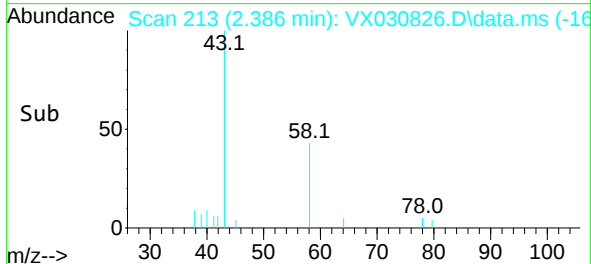
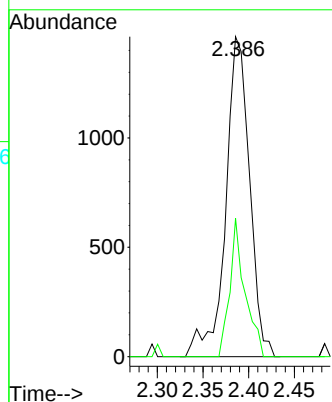
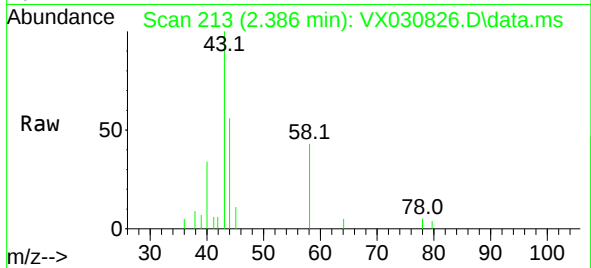




#16
Acetone
Concen: 2.263 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

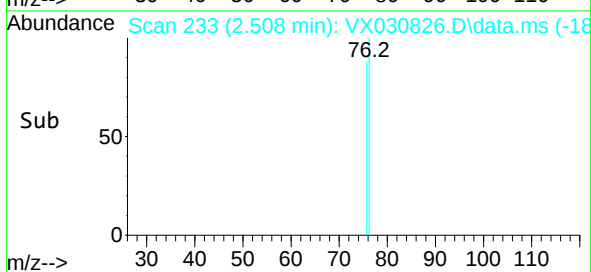
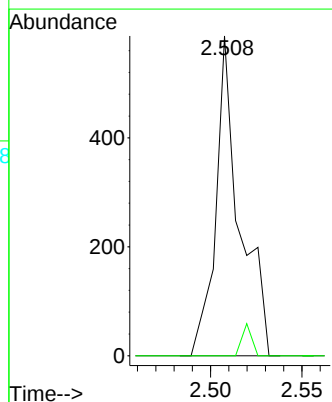
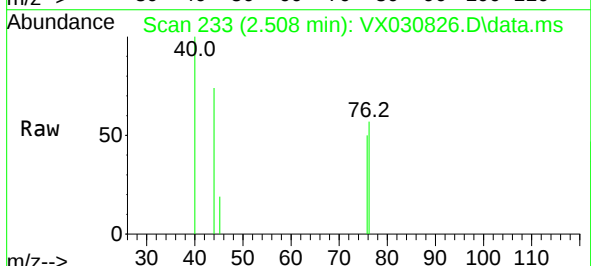
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

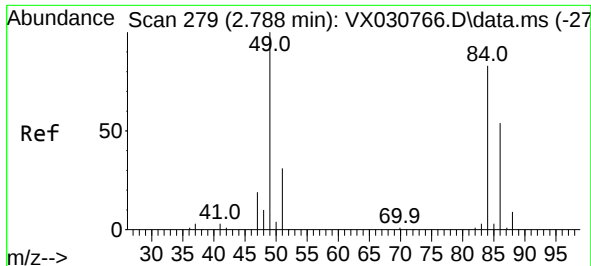
Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 43.3 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

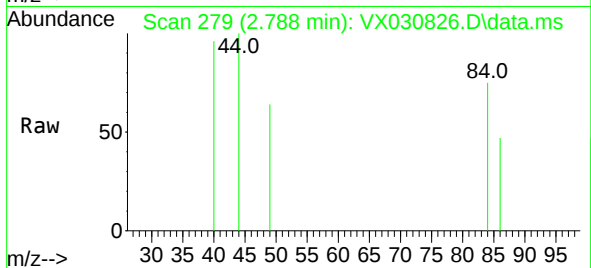
Tgt Ion: 76 Resp: 533
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



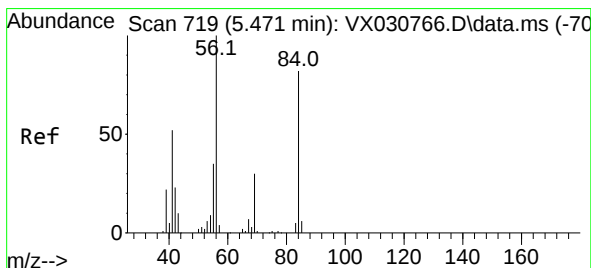
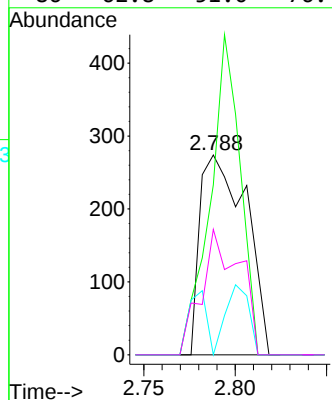


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

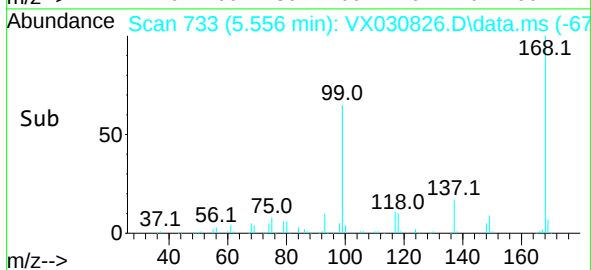
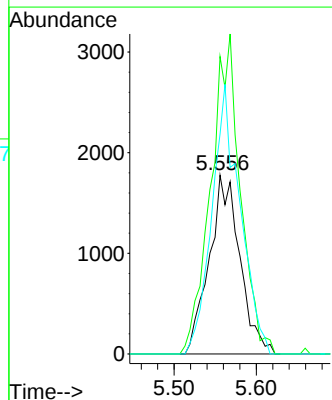
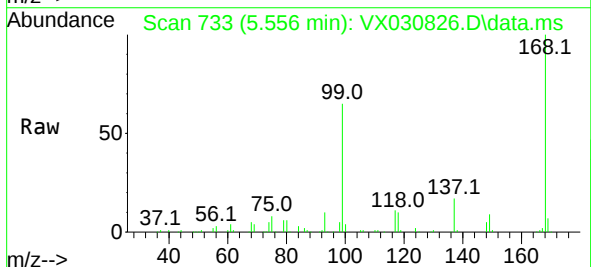


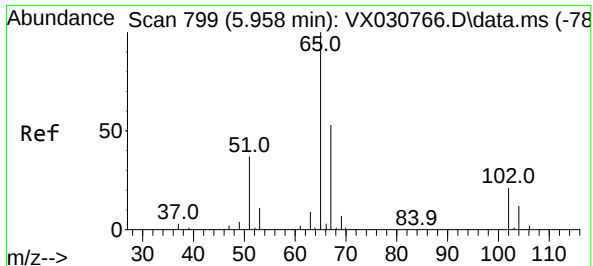
Tgt Ion:	84	Resp:	481
Ion	Ratio	Lower	Upper
84	100		
49	85.0	93.8	140.6#
51	0.0	29.4	44.0#
86	62.8	51.0	76.4



#31
Cyclohexane
Concen: 1.412 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Tgt Ion:	56	Resp:	4597
Ion	Ratio	Lower	Upper
56	100		
69	166.4	25.4	38.0#
84	123.0	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.481 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.012 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

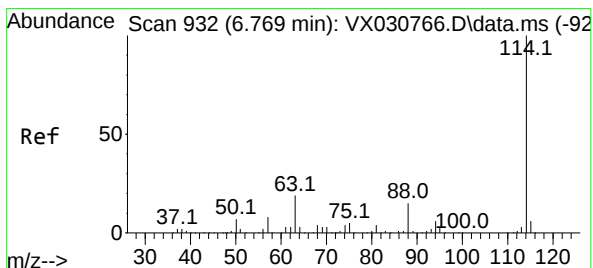
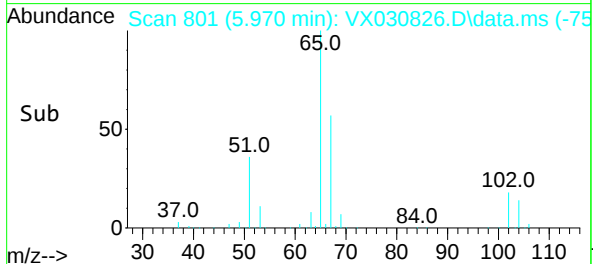
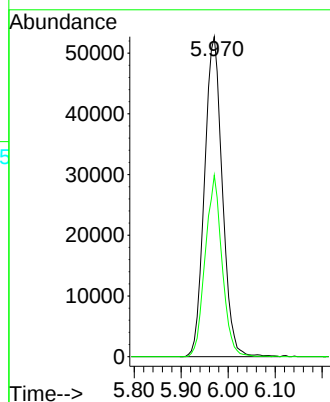
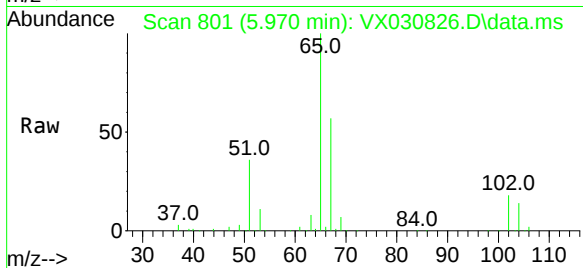
TT163S1-20220817

Tgt Ion: 65 Resp: 138727

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

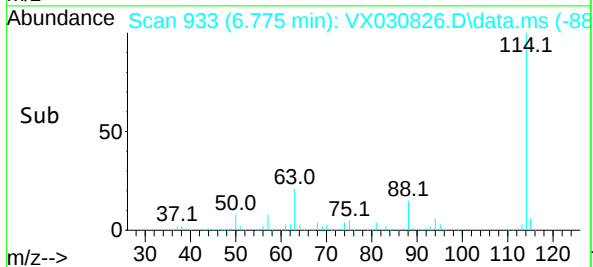
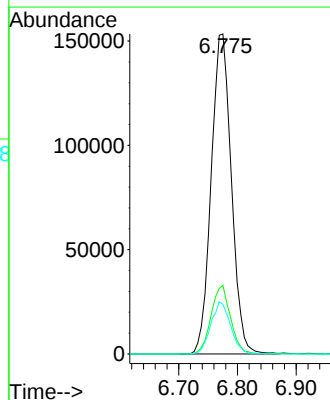
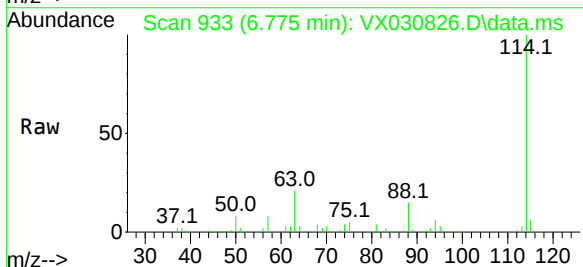
Tgt Ion: 114 Resp: 365619

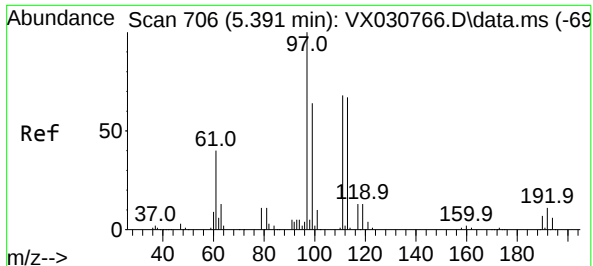
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.111 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030826.D

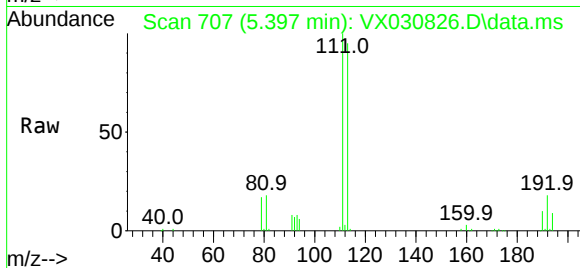
Acq: 26 Aug 2022 15:51

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MSVOA_X

ClientSampleId :

TT163S1-20220817



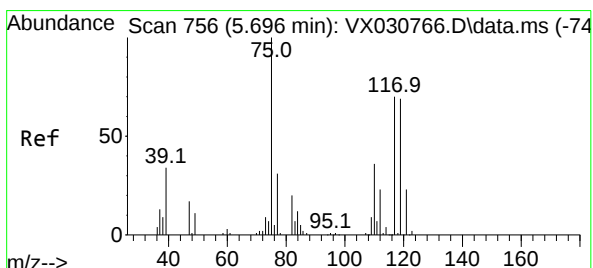
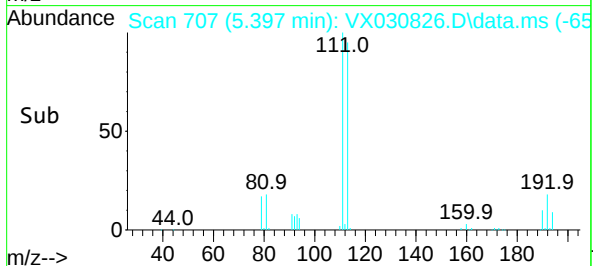
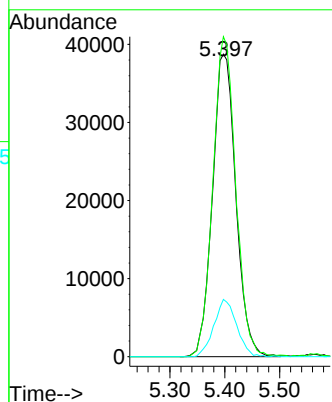
Tgt Ion:113 Resp: 114847

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 18.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.560 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

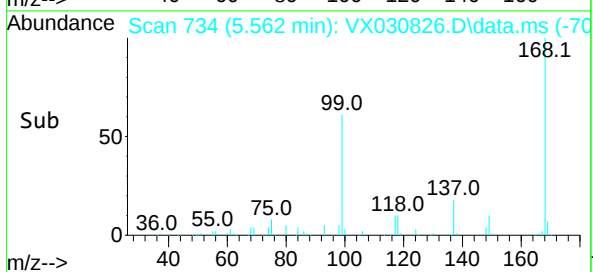
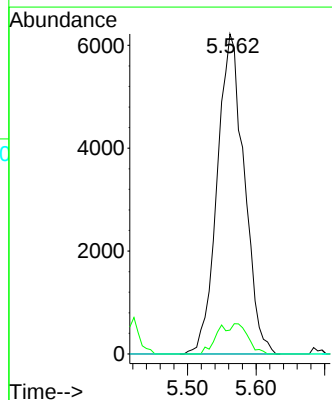
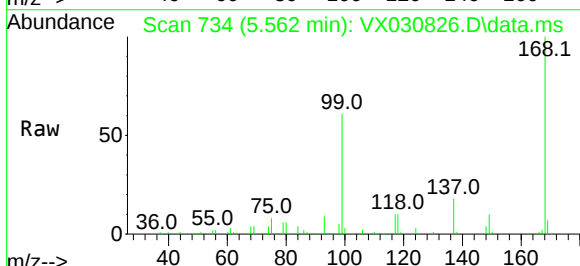
Tgt Ion: 75 Resp: 17012

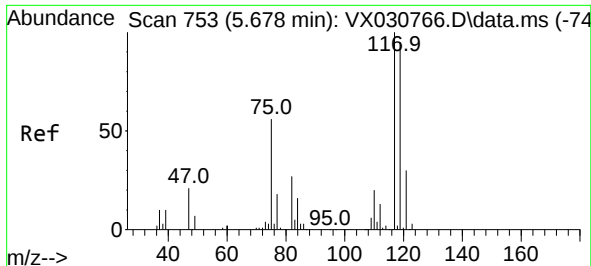
Ion Ratio Lower Upper

75 100

110 5.4 19.3 57.9#

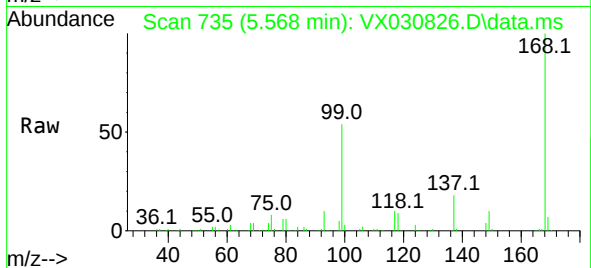
77 0.0 24.4 36.6#



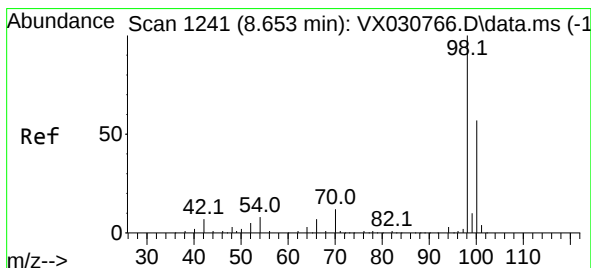
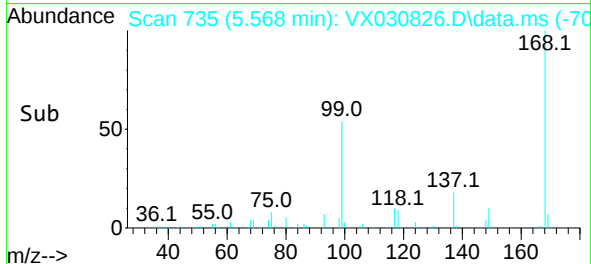
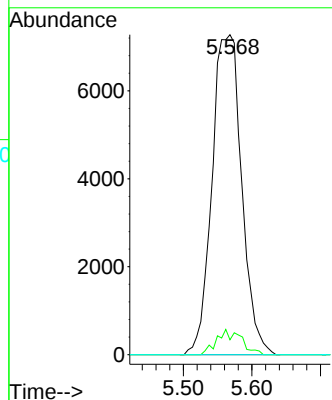


#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.110 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

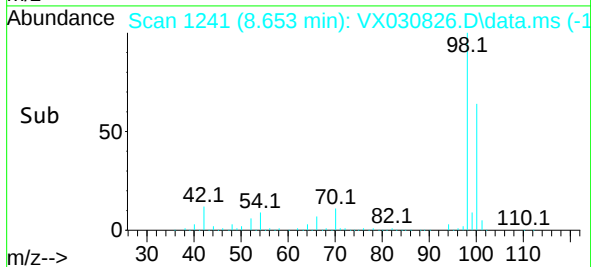
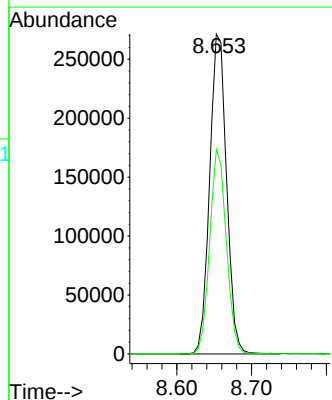
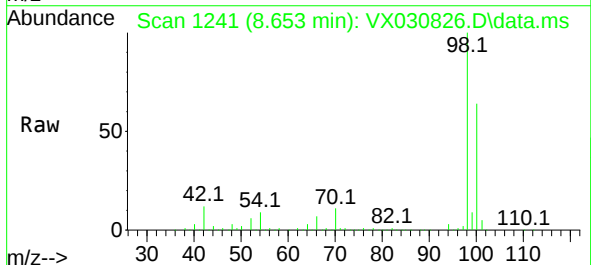


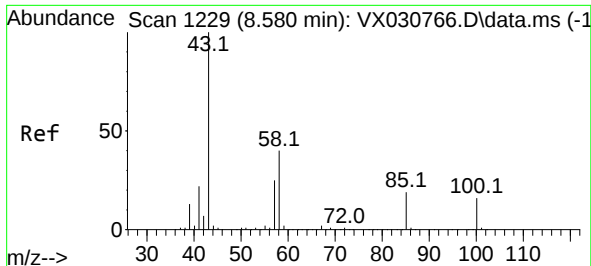
Tgt Ion:117 Resp: 21862
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 54.493 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Tgt Ion: 98 Resp: 426692
Ion Ratio Lower Upper
98 100
100 63.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

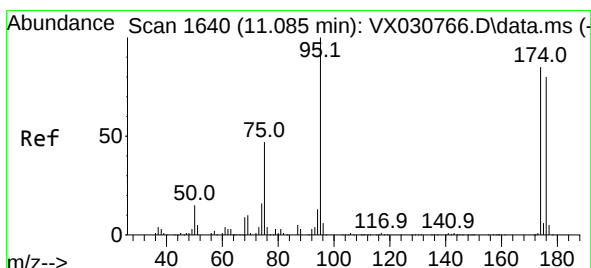
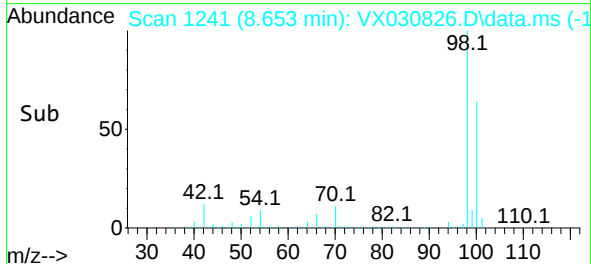
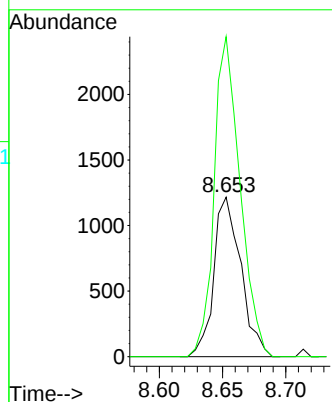
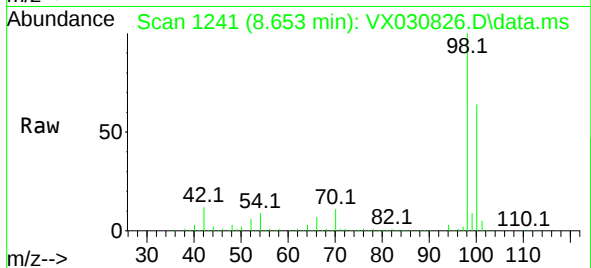
TT163S1-20220817

Tgt Ion: 43 Resp: 1809

Ion Ratio Lower Upper

43 100

58 192.0 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 47.551 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

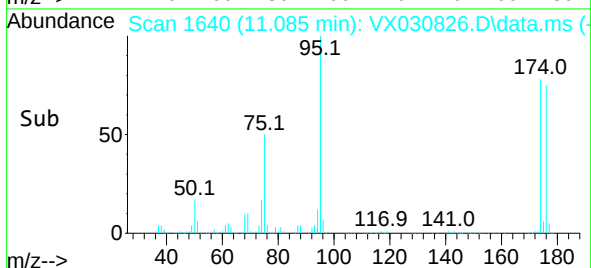
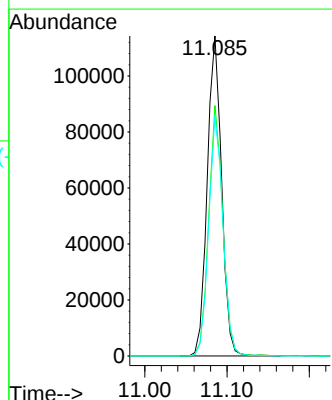
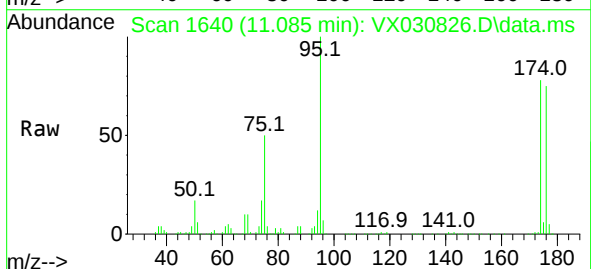
Tgt Ion: 95 Resp: 138620

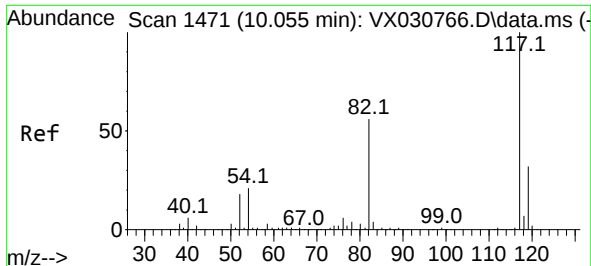
Ion Ratio Lower Upper

95 100

174 77.5 0.0 149.0

176 74.9 0.0 146.0

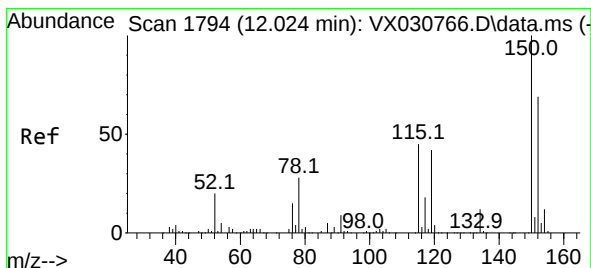
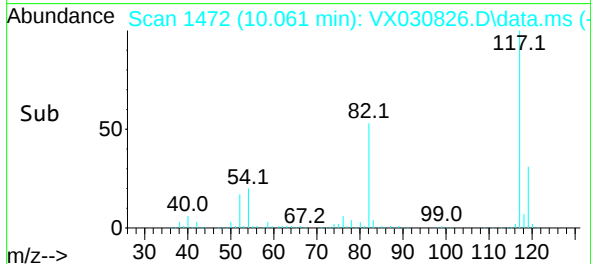
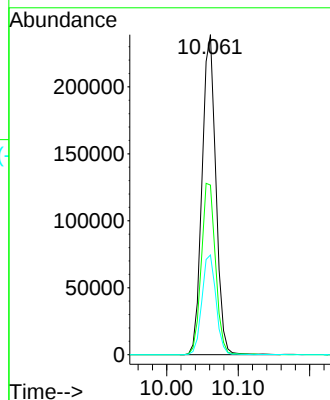
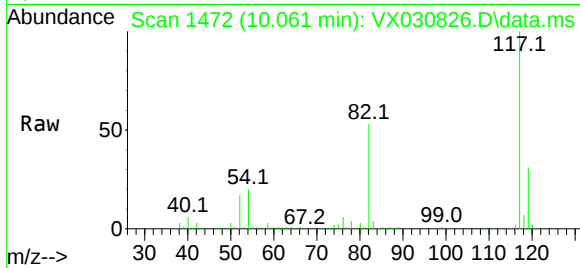




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

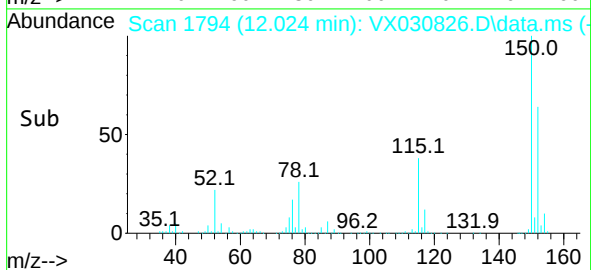
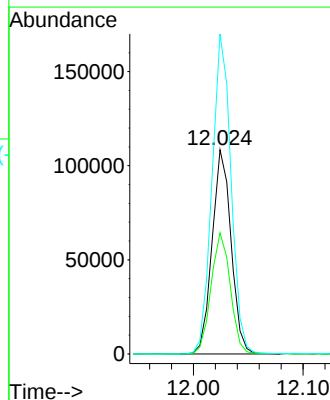
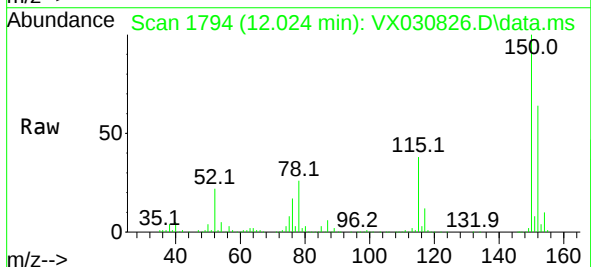
Instrument :
MSVOA_X
ClientSampleId :
TT163S1-20220817

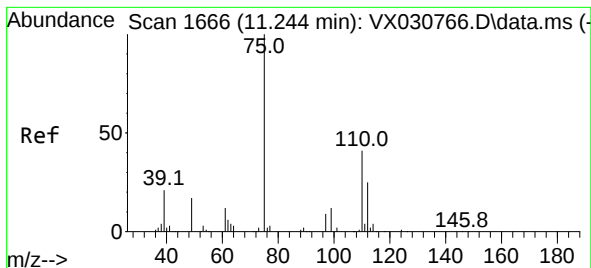
Tgt Ion:117 Resp: 320291
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030826.D
Acq: 26 Aug 2022 15:51

Tgt Ion:152 Resp: 130629
Ion Ratio Lower Upper
152 100
115 60.1 40.5 121.5
150 157.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 24.095 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

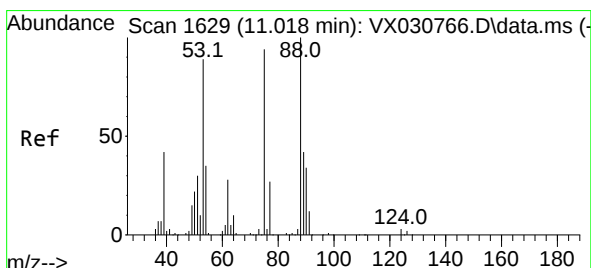
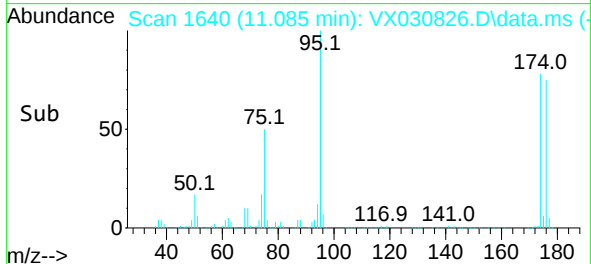
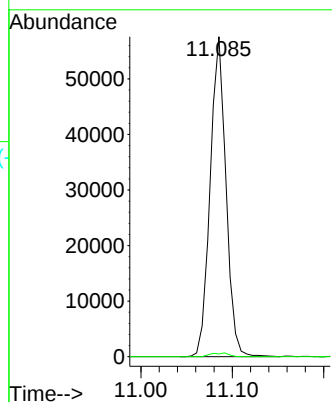
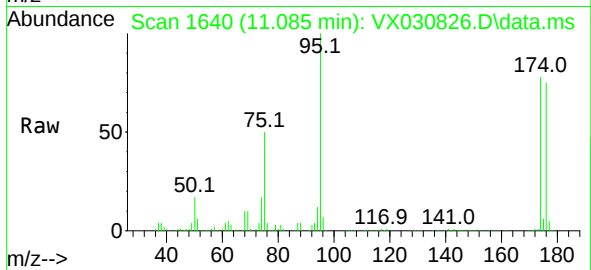
TT163S1-20220817

Tgt Ion: 75 Resp: 68958

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.741 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030826.D

Acq: 26 Aug 2022 15:51

Tgt Ion: 75 Resp: 68958

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 34.8 52.2#

