

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037281.D
 Acq On : 25 Aug 2023 19:11
 Operator : JC/MD
 Sample : 04095-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20230818

Quant Time: Aug 26 02:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

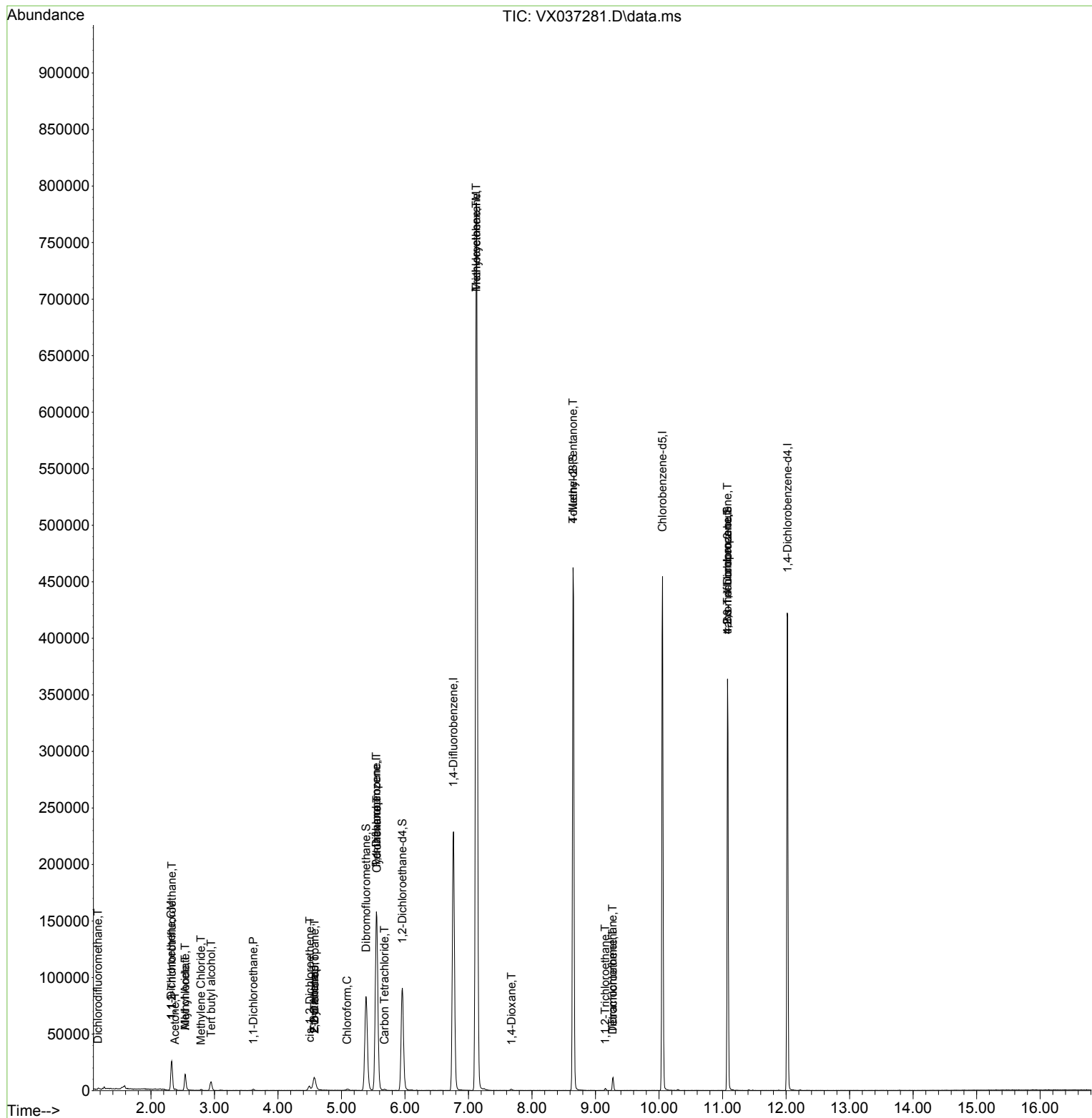
Internal Standards						
1) Pentafluorobenzene	5.550	168	146708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91472	43.248	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.385	113	73542	46.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.647	98	282799	48.943	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	100531	44.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	514	0.302	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	7907	5.099	ug/l	98
11) Tert butyl alcohol	2.946	59	4626	9.324	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	3216	2.130	ug/l	91
14) Allyl chloride	2.538	41	1450	0.620	ug/l #	71
16) Acetone	2.379	43	970	1.172	ug/l	93
18) Methyl Acetate	2.538	43	4372	1.403	ug/l #	53
20) Methylene Chloride	2.788	84	487	0.263	ug/l #	81
24) 1,1-Dichloroethane	3.611	63	1412	0.469	ug/l #	83
25) 2-Butanone	4.568	43	634	0.509	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	1016	0.378	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	2687	1.328	ug/l	80
30) Chloroform	5.086	83	1630	0.483	ug/l	91
31) Cyclohexane	5.556	56	2924	1.229	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11988	5.297	ug/l #	51
37) Ethyl Acetate	4.568	43	634	0.274	ug/l #	69
38) Carbon Tetrachloride	5.678	117	867	0.353	ug/l #	79
39) Methylcyclohexane	7.122	83	3817	1.605	ug/l #	1
44) Trichloroethene	7.122	130	312322	169.698	ug/l	96
49) 1,4-Dioxane	7.677	88	1013	21.014	ug/l #	75
51) 4-Methyl-2-Pentanone	8.647	43	1041	0.467	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	733	0.420	ug/l	90
60) Dibromochloromethane	9.268	129	2227	1.198	ug/l #	11
64) Tetrachloroethene	9.275	164	2244	1.463	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	50654	26.189	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50654	73.146	ug/l #	5

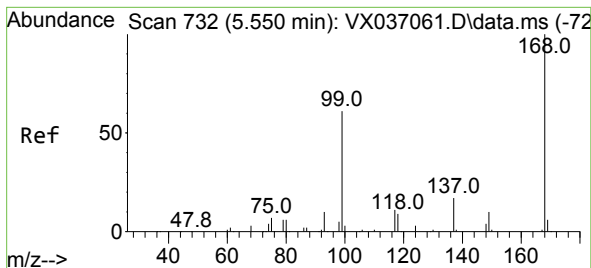
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
Data File : VX037281.D
Acq On : 25 Aug 2023 19:11
Operator : JC/MD
Sample : 04095-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

Quant Time: Aug 26 02:25:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

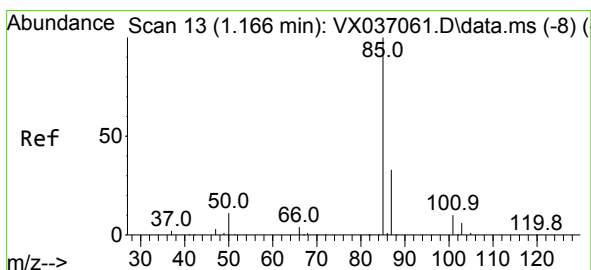
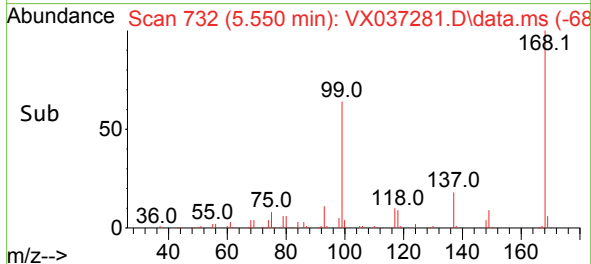
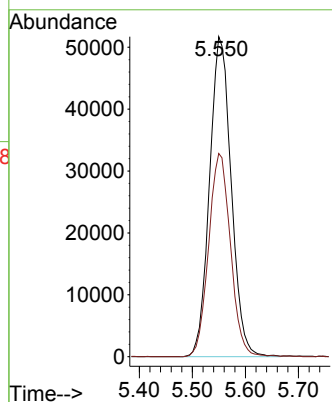
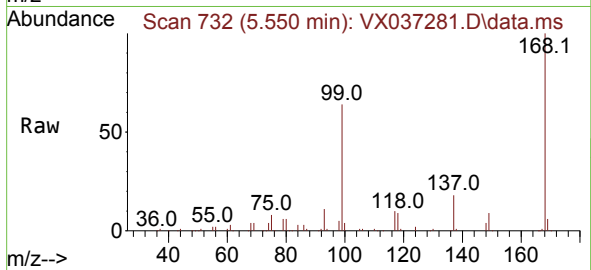
TT101D1-20230818

Tgt Ion:168 Resp: 146708

Ion Ratio Lower Upper

168 100

99 63.5 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 0.302 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX037281.D

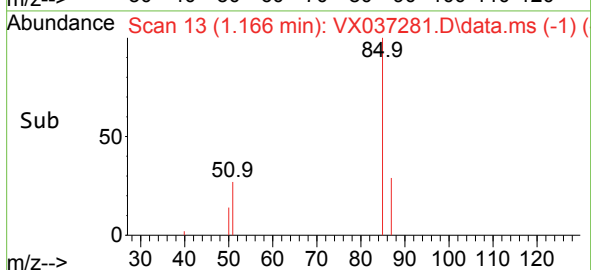
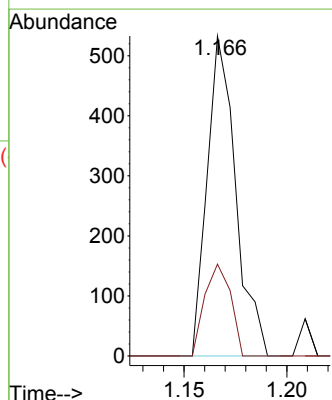
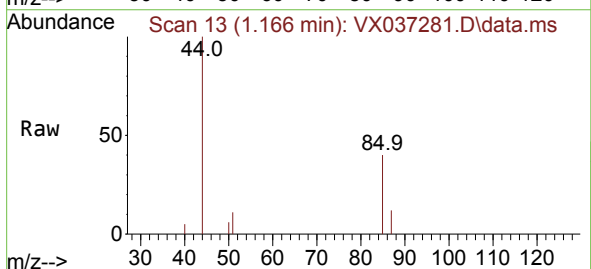
Acq: 25 Aug 2023 19:11

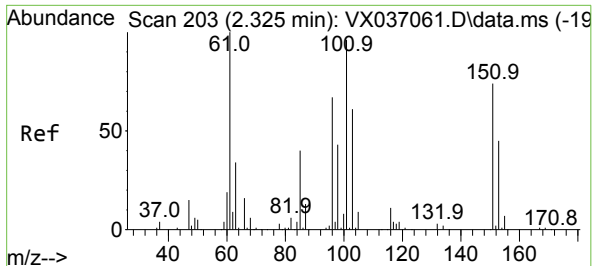
Tgt Ion: 85 Resp: 514

Ion Ratio Lower Upper

85 100

87 28.7 16.7 50.1

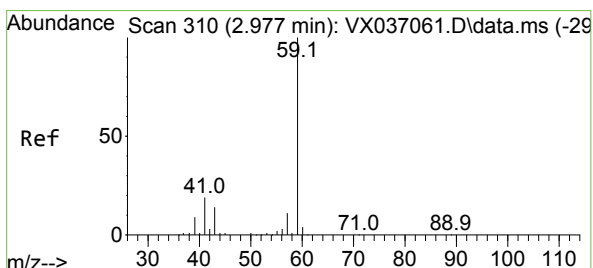
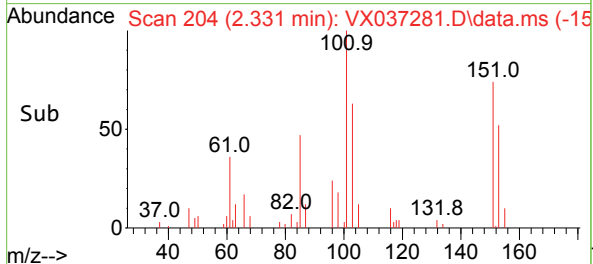
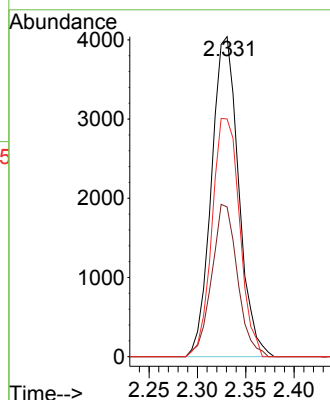
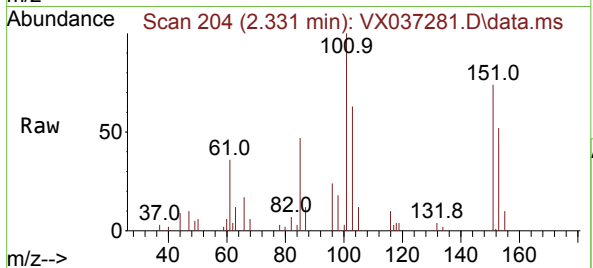




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.099 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

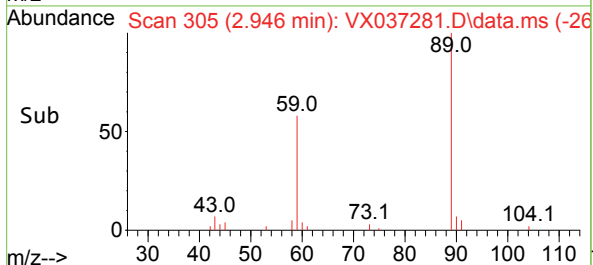
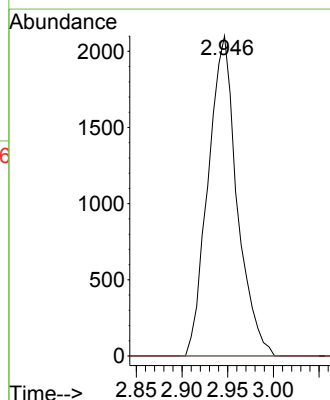
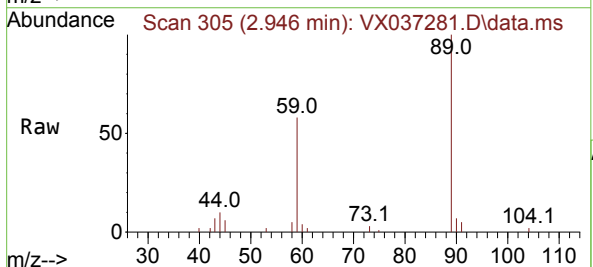
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

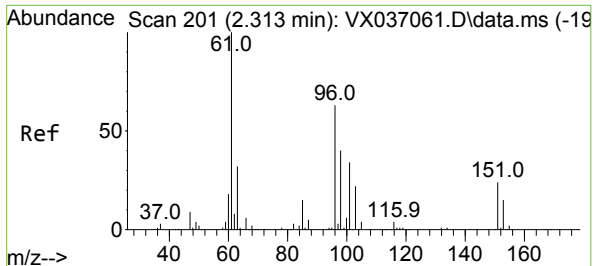
Tgt Ion:101 Resp: 7907
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 75.2 58.6 87.8



#11
Tert butyl alcohol
Concen: 9.324 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 59 Resp: 4626
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 2.130 ug/l

RT: 2.318 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037281.D

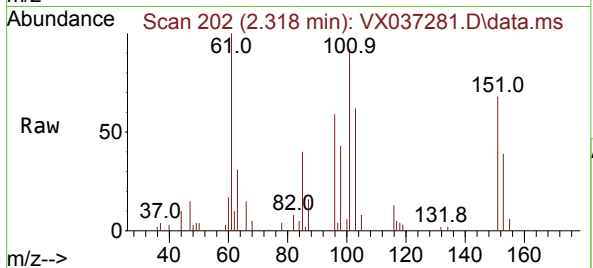
Acq: 25 Aug 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20230818



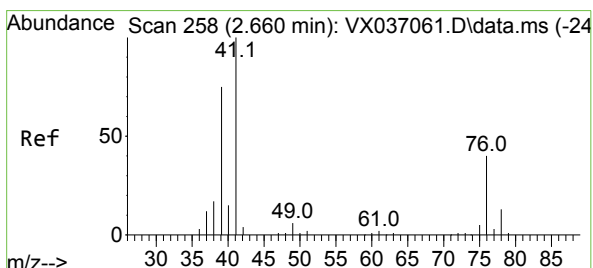
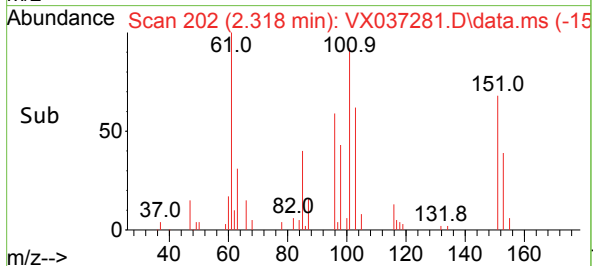
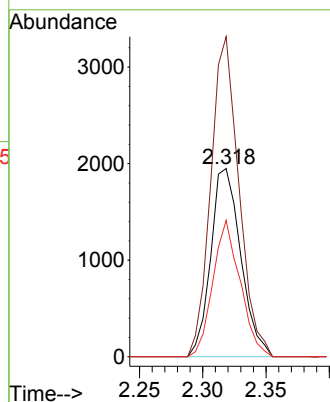
Tgt Ion: 96 Resp: 3216

Ion Ratio Lower Upper

96 100

61 170.0 144.6 216.8

98 72.5 50.4 75.6



#14

Allyl chloride

Concen: 0.620 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.122 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

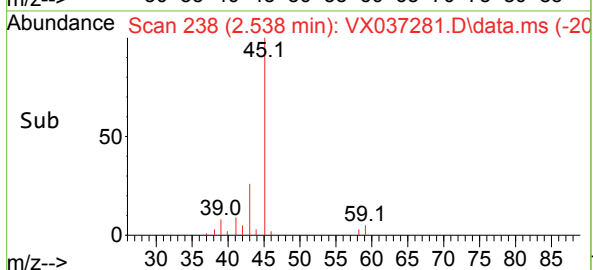
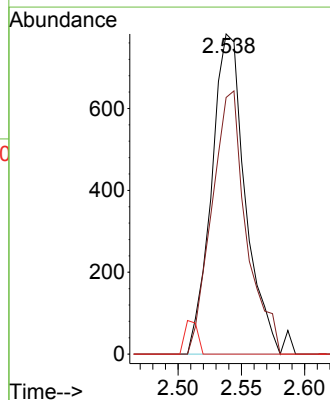
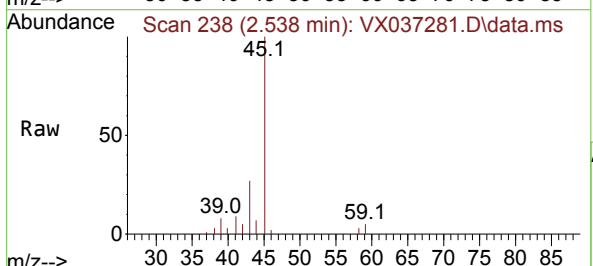
Tgt Ion: 41 Resp: 1450

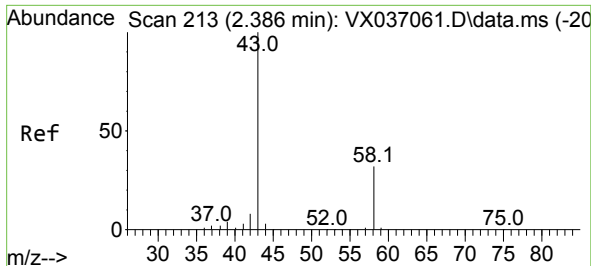
Ion Ratio Lower Upper

41 100

39 84.2 55.8 83.6#

76 0.0 24.3 36.5#

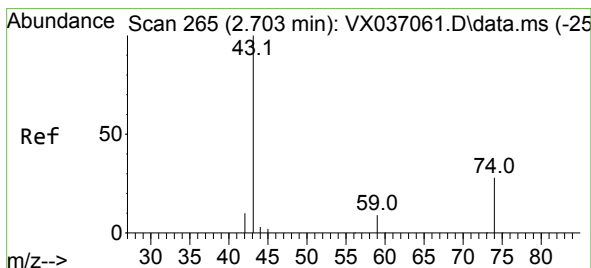
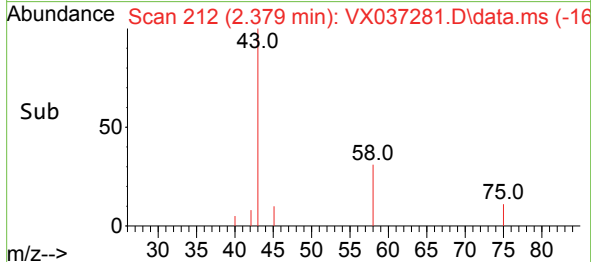
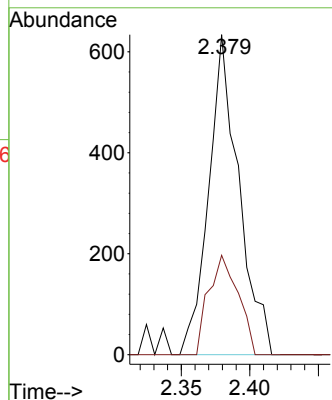
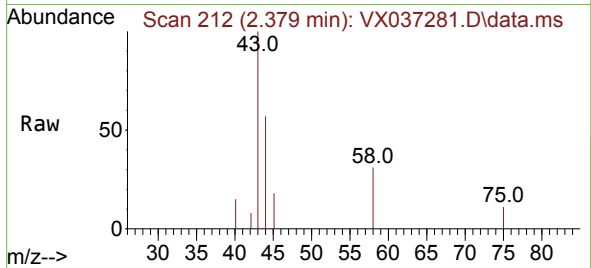




#16
Acetone
Concen: 1.172 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

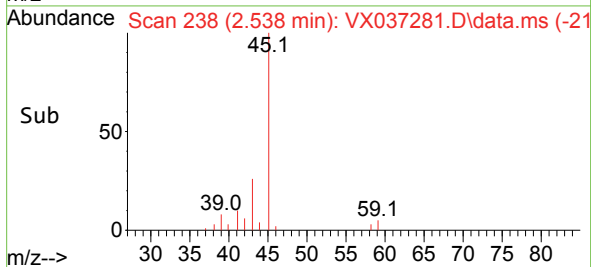
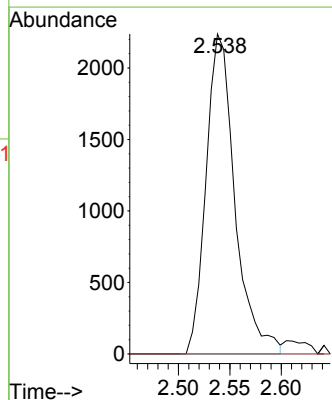
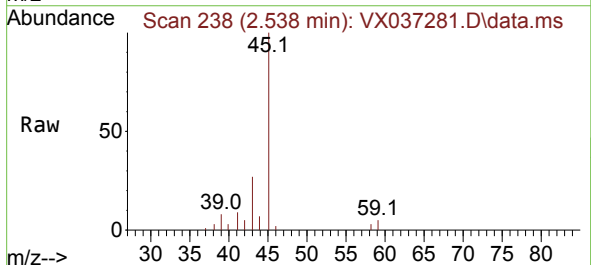
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

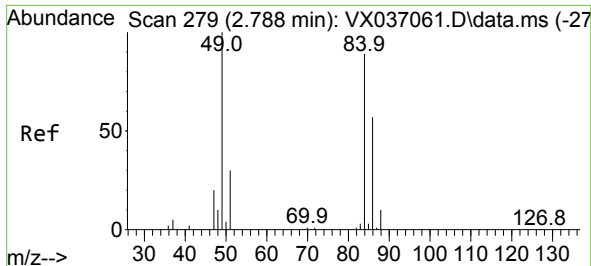
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9



#18
Methyl Acetate
Concen: 1.403 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

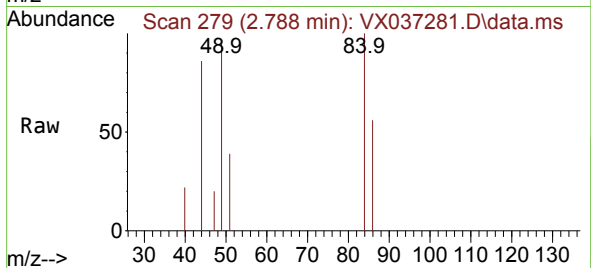
Tgt Ion: 43 Resp: 4372
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



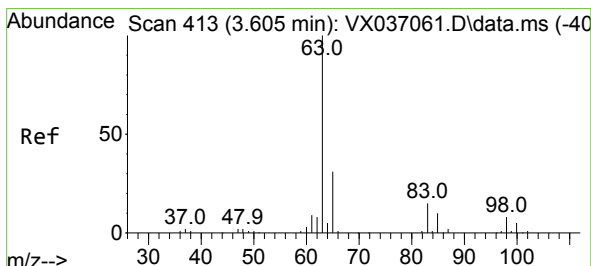
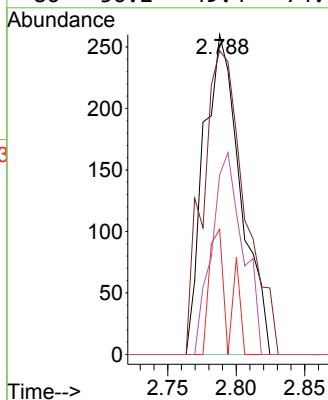
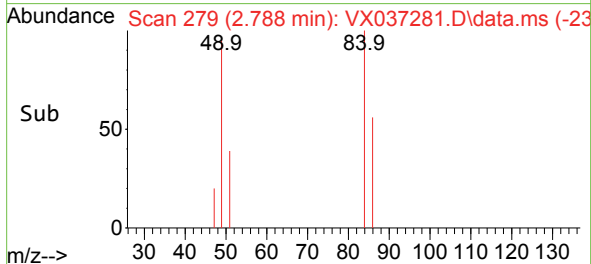


#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

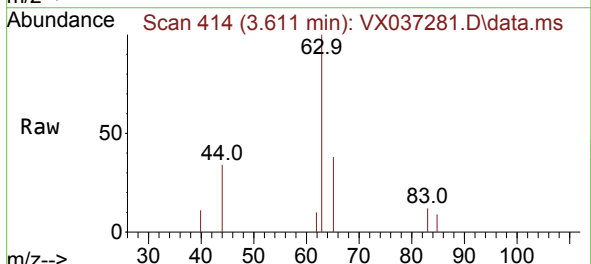
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818



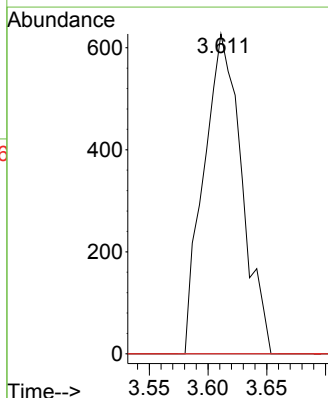
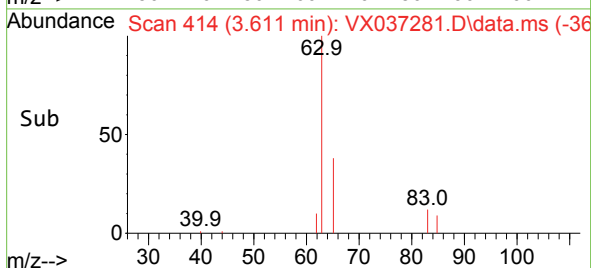
Tgt Ion: 84 Resp: 487
Ion Ratio Lower Upper
84 100
49 95.0 103.6 155.4#
51 39.2 33.8 50.6
86 56.2 49.4 74.0

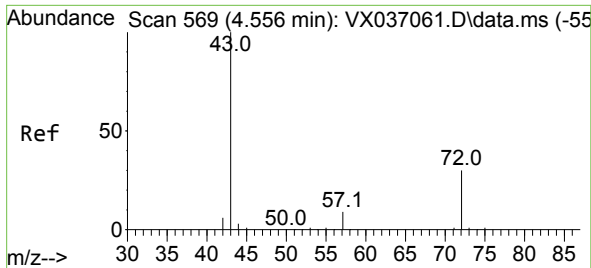


#24
1,1-Dichloroethane
Concen: 0.469 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11



Tgt Ion: 63 Resp: 1412
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

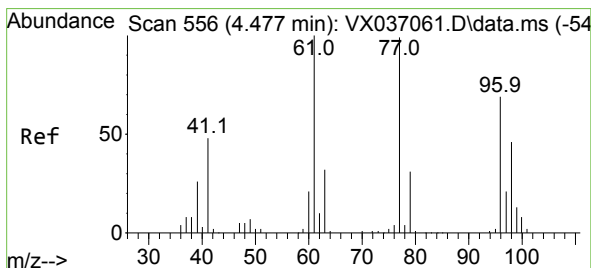
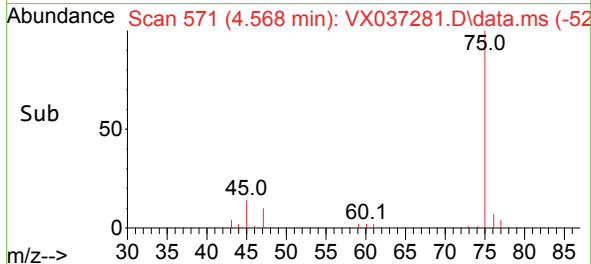
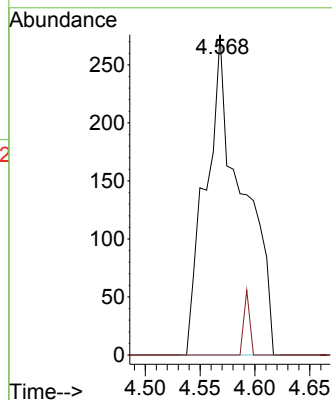
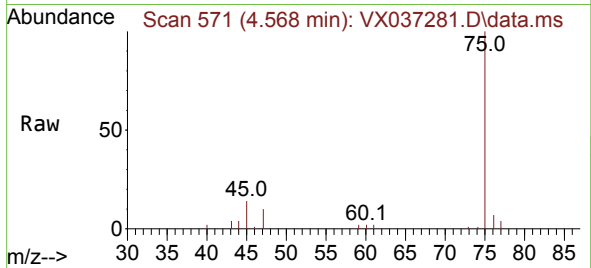




#25
2-Butanone
Concen: 0.509 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

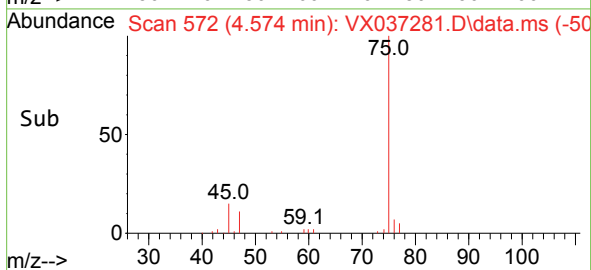
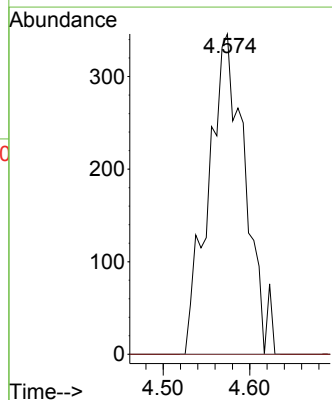
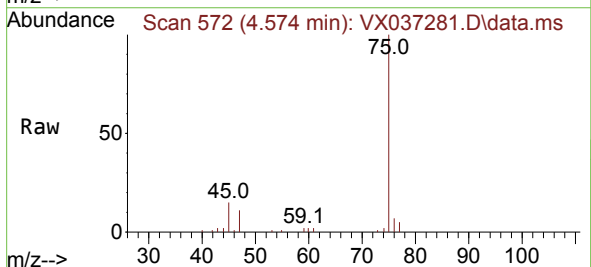
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

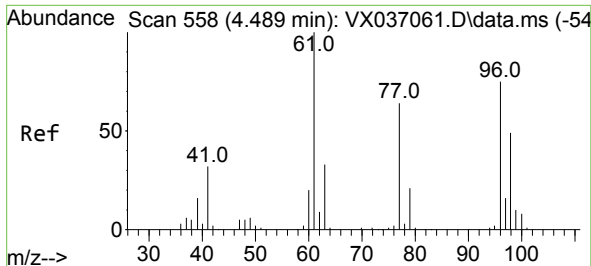
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.378 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 77 Resp: 1016
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 1.328 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20230818

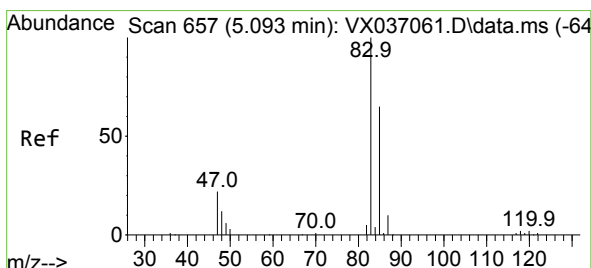
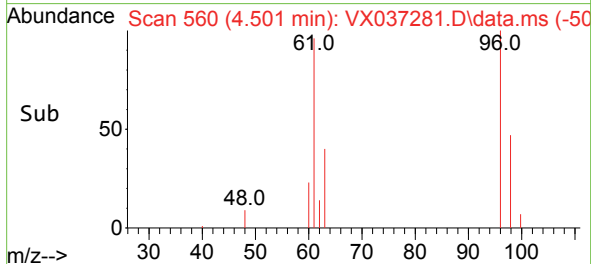
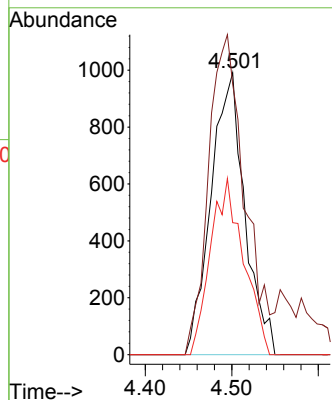
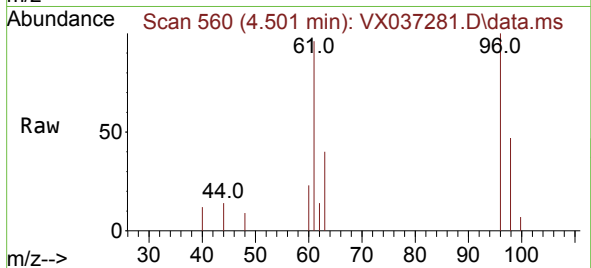
Tgt Ion: 96 Resp: 2687

Ion Ratio Lower Upper

96 100

61 120.8 0.0 312.2

98 61.4 0.0 129.0



#30

Chloroform

Concen: 0.483 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX037281.D

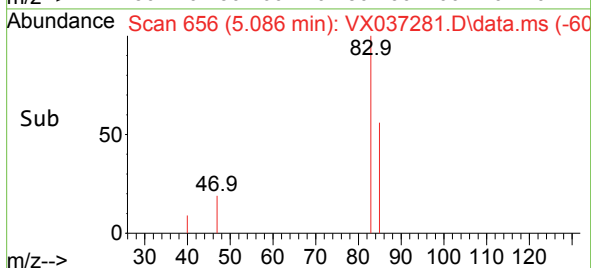
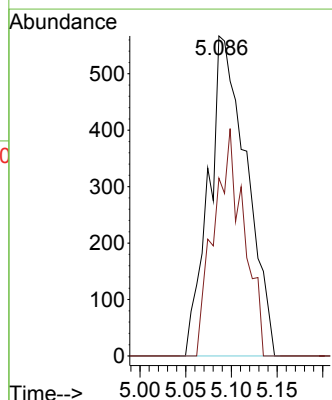
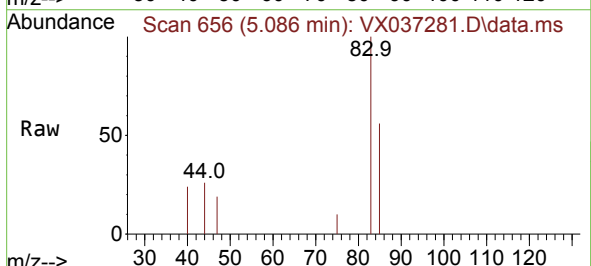
Acq: 25 Aug 2023 19:11

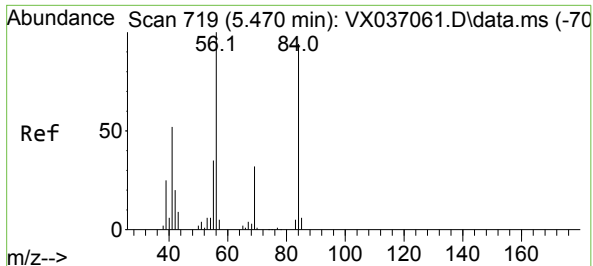
Tgt Ion: 83 Resp: 1630

Ion Ratio Lower Upper

83 100

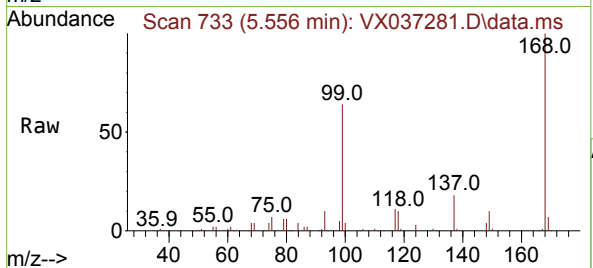
85 55.6 50.3 75.5



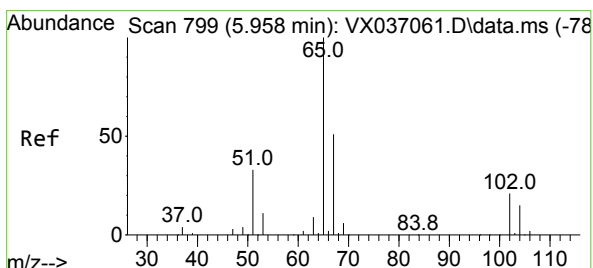
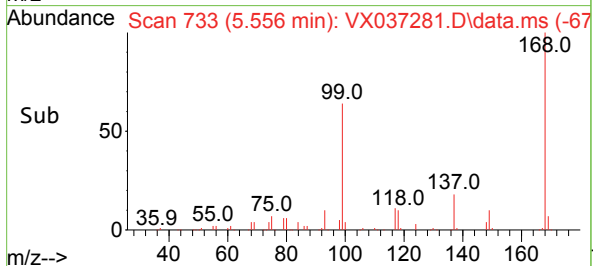
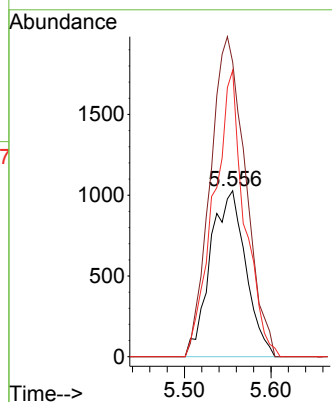


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

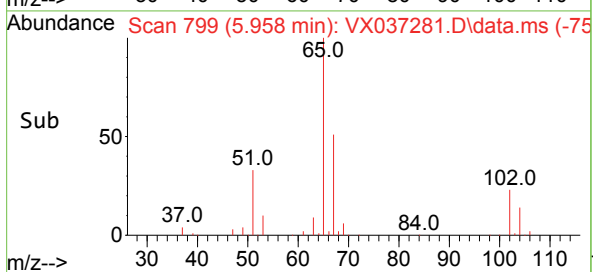
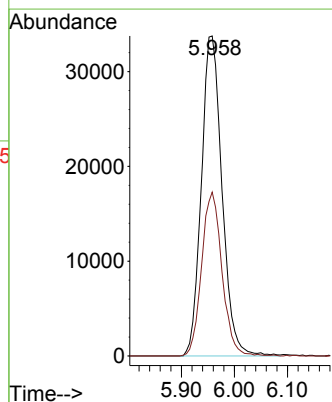
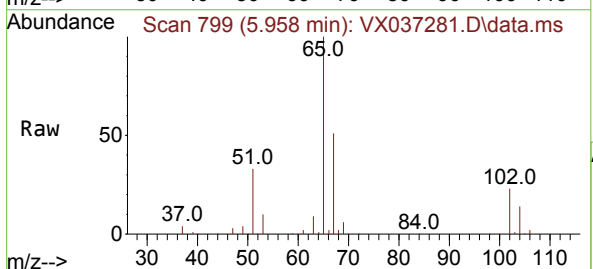


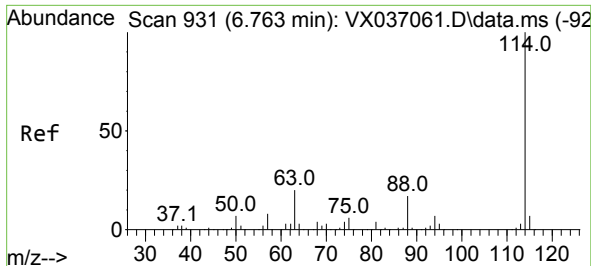
Tgt Ion: 56 Resp: 2924
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 172.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.248 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 65 Resp: 91472
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

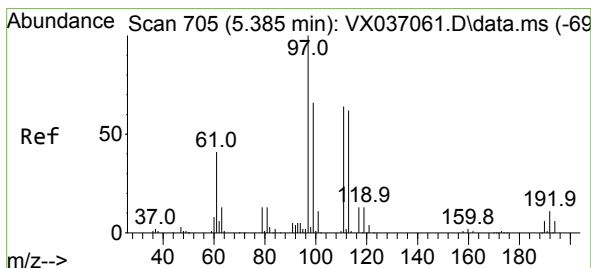
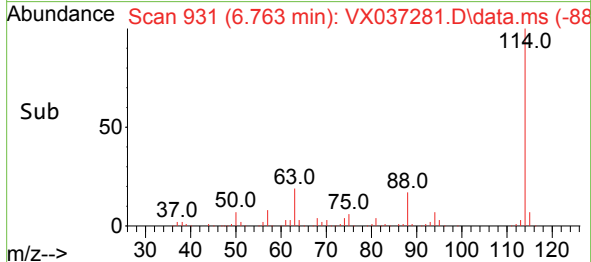
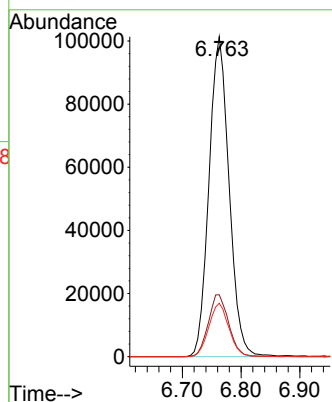
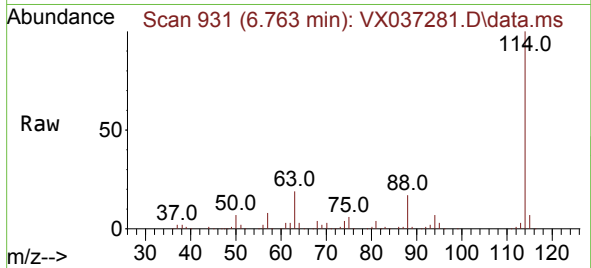




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

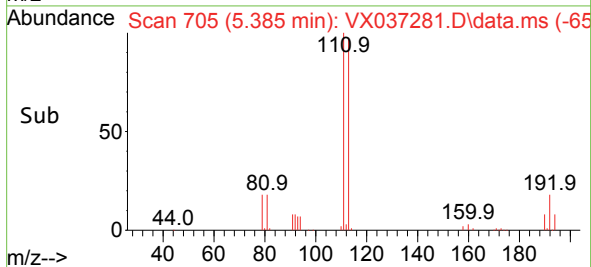
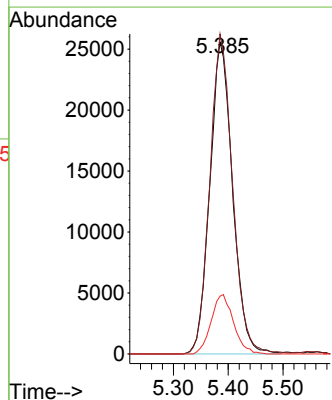
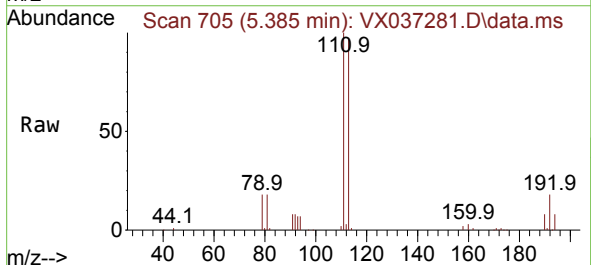
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

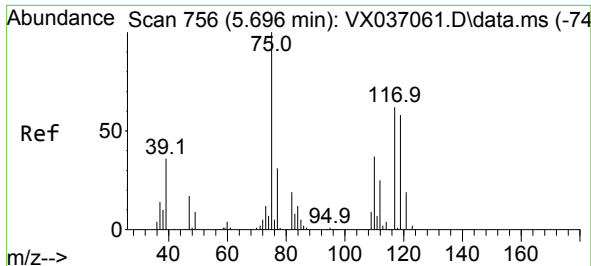
Tgt Ion:114 Resp: 240523
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion:113 Resp: 73542
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.7 13.3 19.9

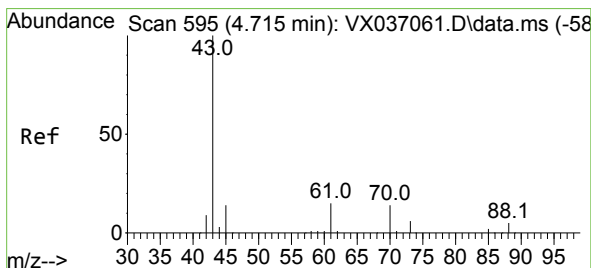
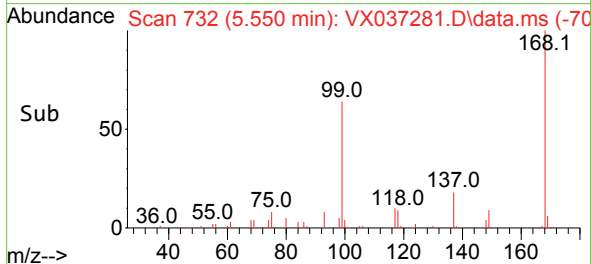
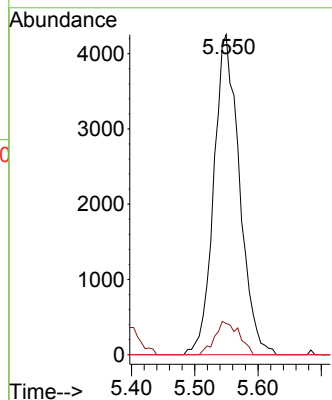
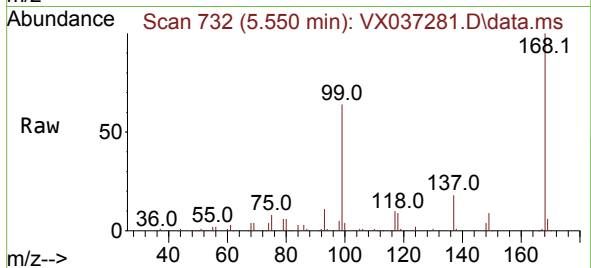




#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

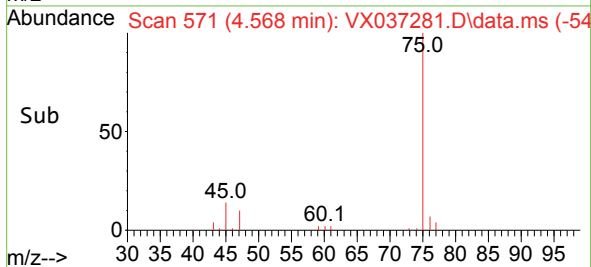
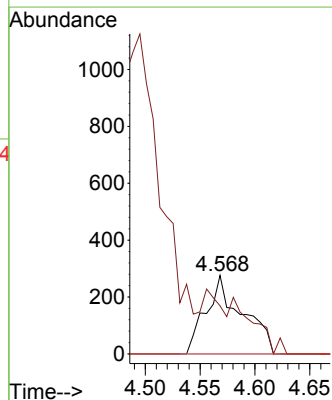
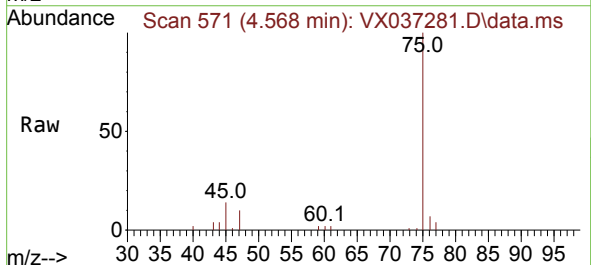
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

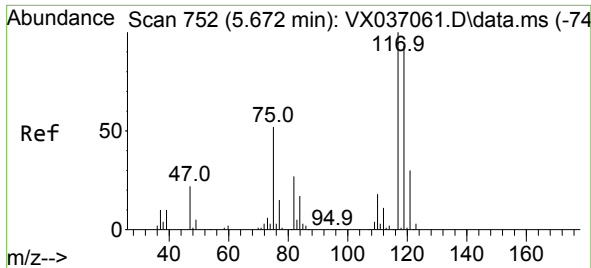
Tgt Ion: 75 Resp: 11988
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.274 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

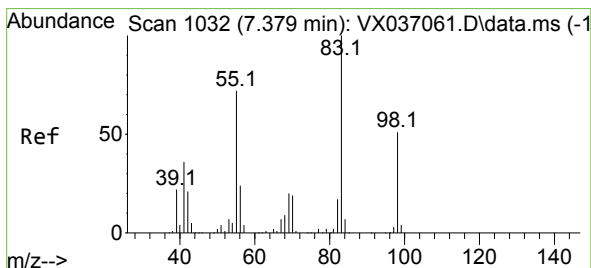
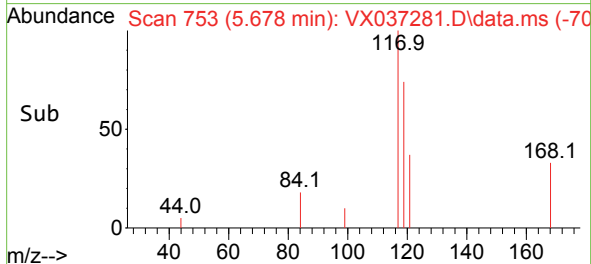
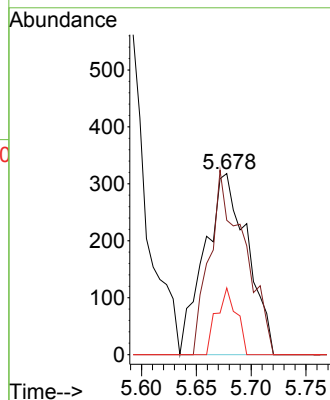
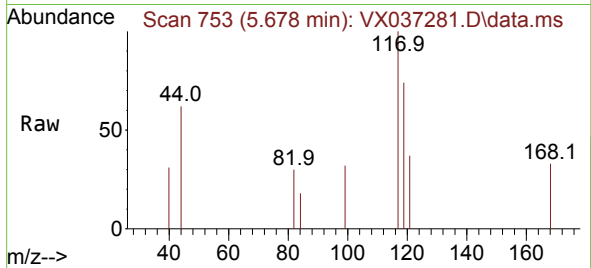




#38
Carbon Tetrachloride
Concen: 0.353 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

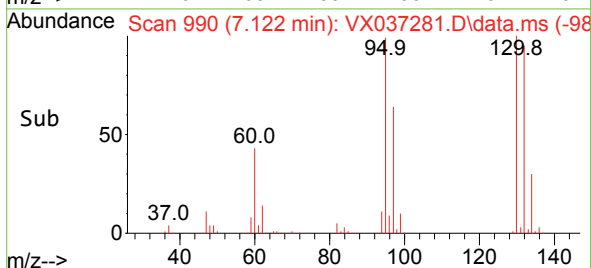
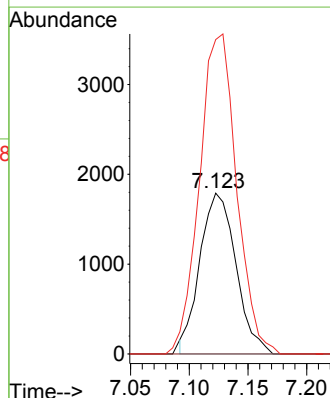
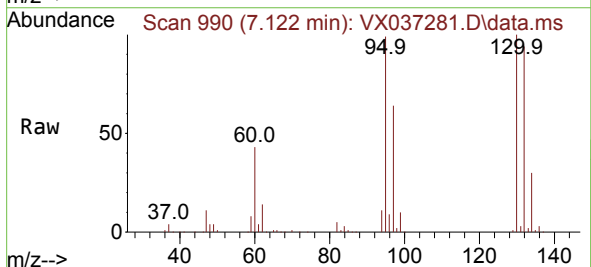
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

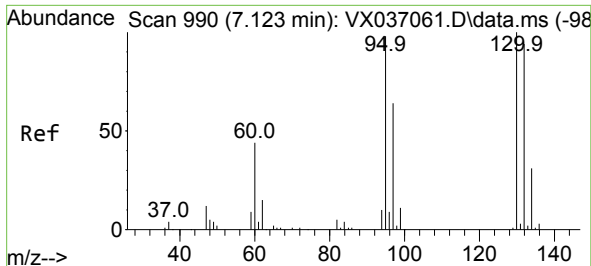
Tgt Ion:117 Resp: 867
Ion Ratio Lower Upper
117 100
119 74.2 78.2 117.2#
121 36.8 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.605 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 83 Resp: 3817
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 195.5 36.7 55.1#

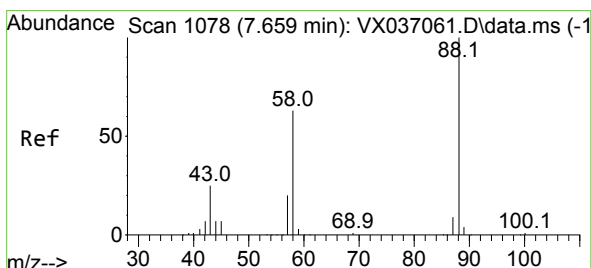
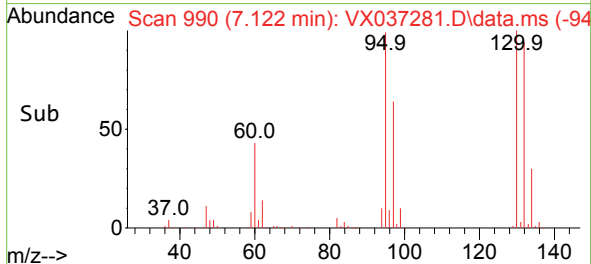
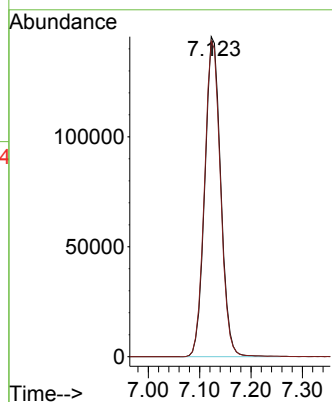
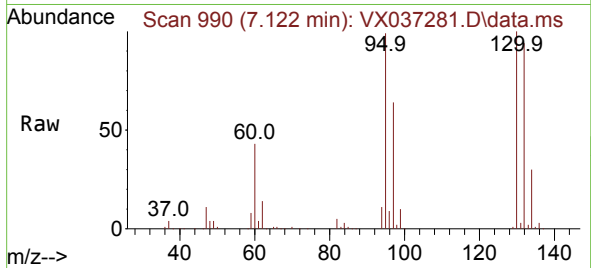




#44
Trichloroethene
Concen: 169.698 ug/l
RT: 7.122 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

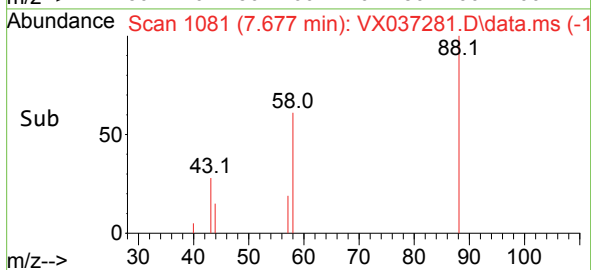
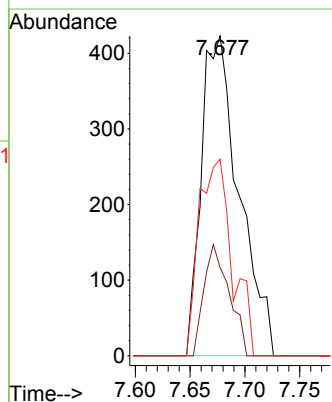
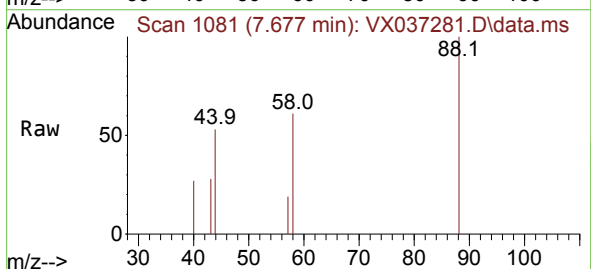
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

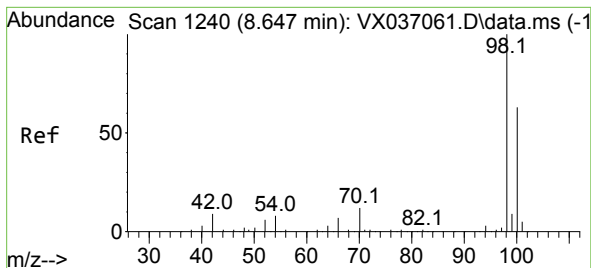
Tgt Ion:130 Resp: 312322
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.4



#49
1,4-Dioxane
Concen: 21.014 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 88 Resp: 1013
Ion Ratio Lower Upper
88 100
43 23.2 0.0 0.0#
58 54.2 60.1 90.1#





#50

Toluene-d8

Concen: 48.943 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

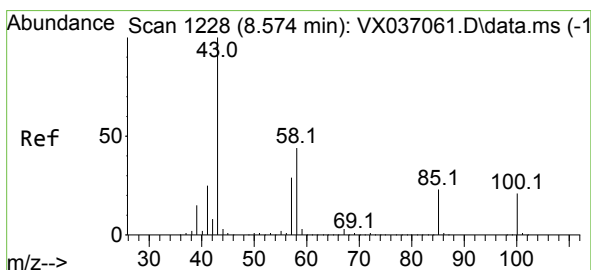
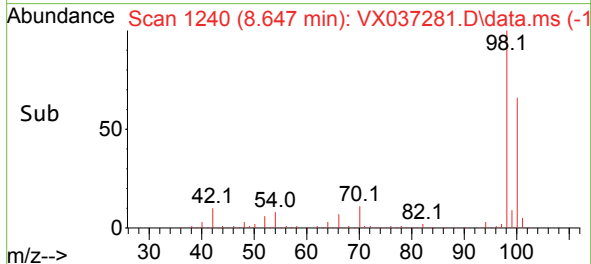
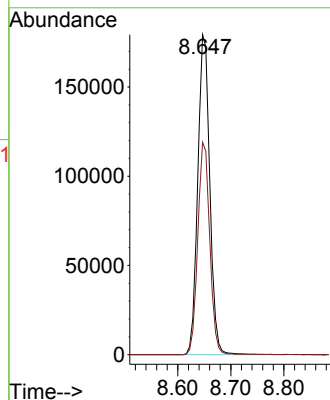
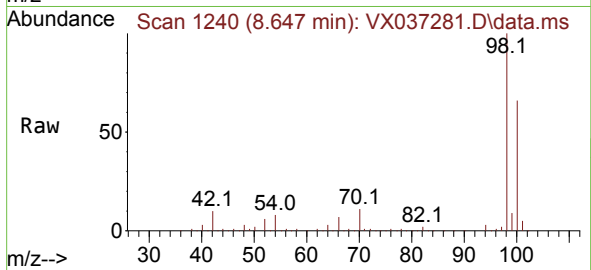
TT101D1-20230818

Tgt Ion: 98 Resp: 282799

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.467 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037281.D

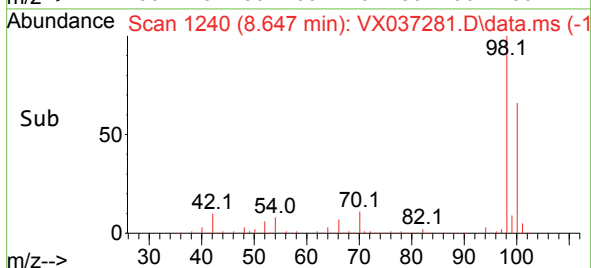
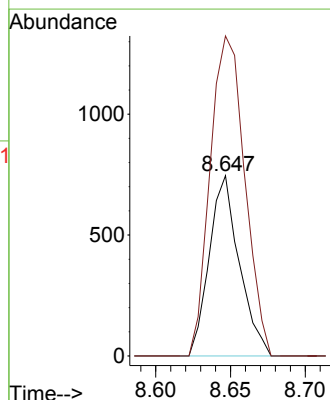
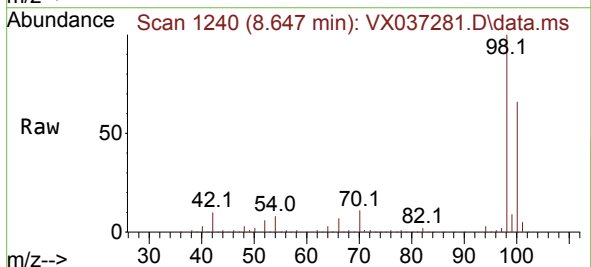
Acq: 25 Aug 2023 19:11

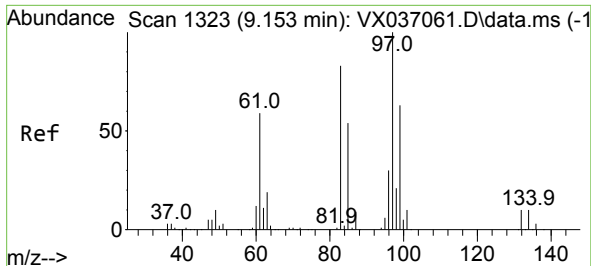
Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

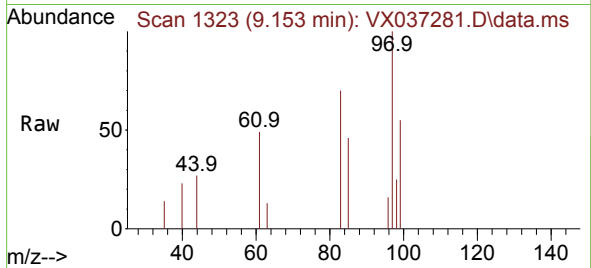
58 204.6 30.4 45.6#



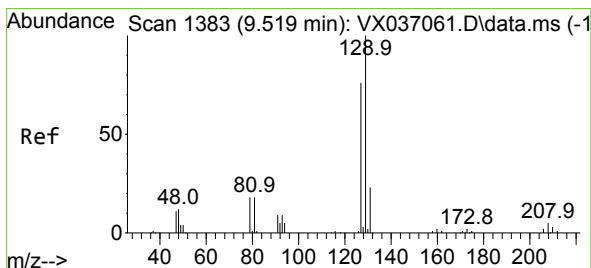
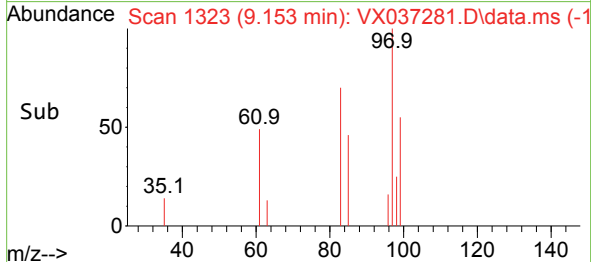
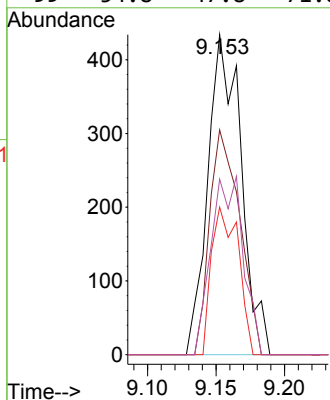


#55
 1,1,2-Trichloroethane
 Concen: 0.420 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037281.D
 Acq: 25 Aug 2023 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20230818

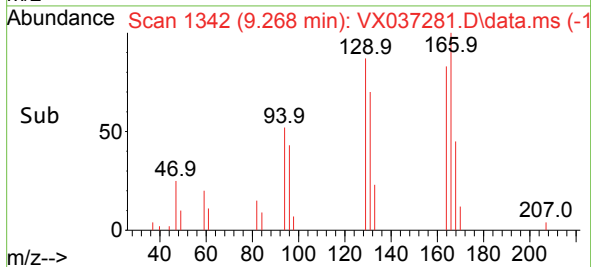
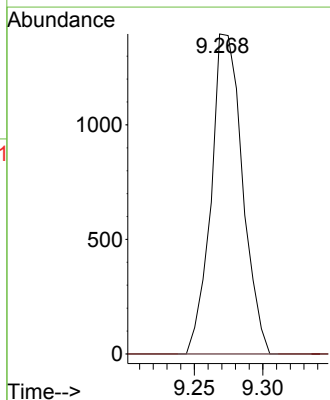
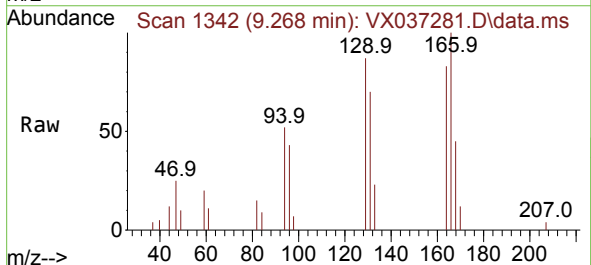


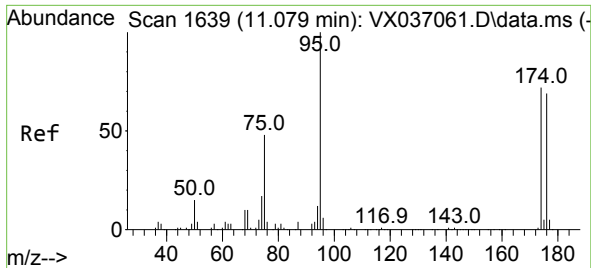
Tgt Ion: 97	Resp: 733
Ion Ratio	Lower Upper
97 100	
83 70.3	65.8 98.8
85 46.1	41.6 62.4
99 54.8	47.8 71.8



#60
 Dibromochloromethane
 Concen: 1.198 ug/l
 RT: 9.268 min Scan# 1342
 Delta R.T. -0.250 min
 Lab File: VX037281.D
 Acq: 25 Aug 2023 19:11

Tgt Ion:129	Resp:	2227	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#

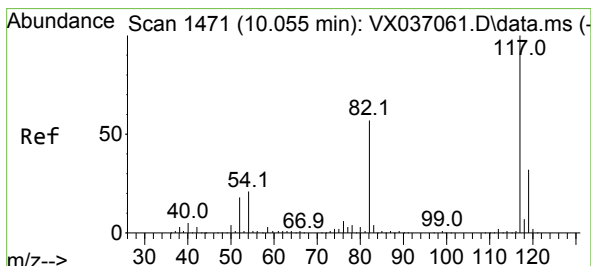
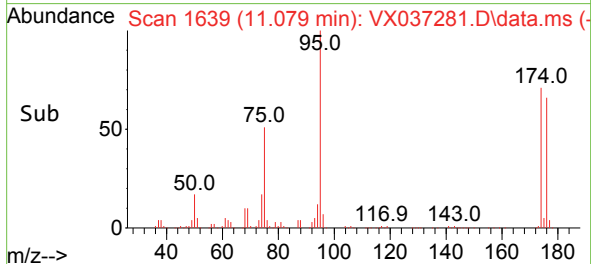
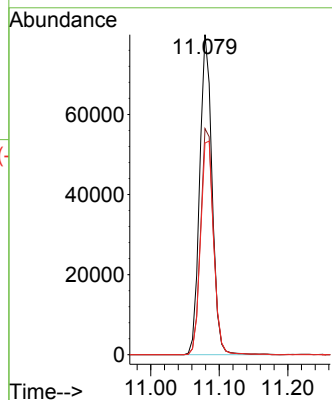
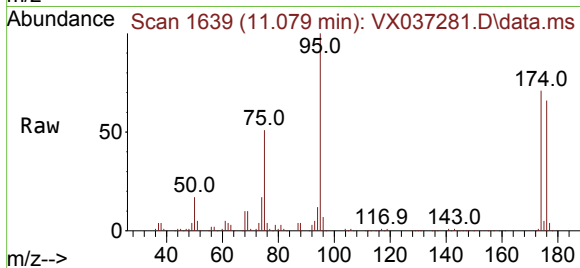




#62
4-Bromofluorobenzene
Concen: 44.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

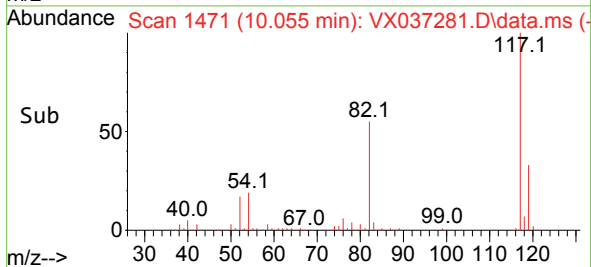
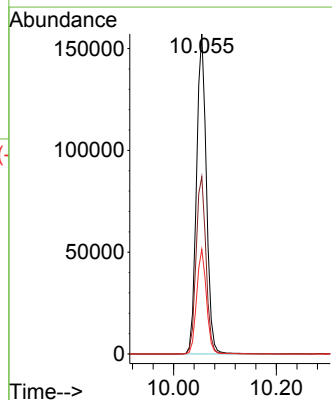
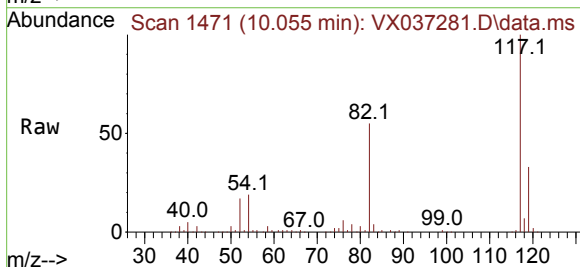
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

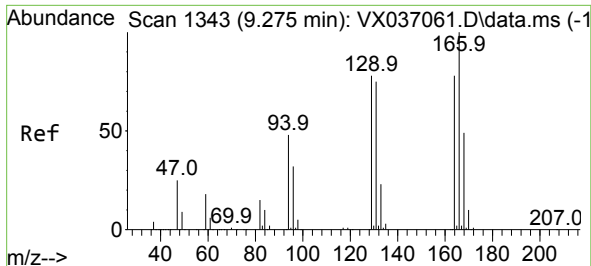
Tgt Ion: 95 Resp: 100531
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion: 117 Resp: 210204
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.7 25.5 38.3



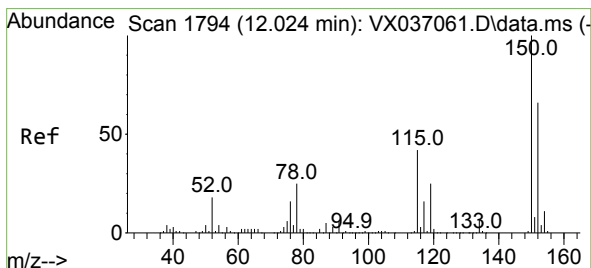
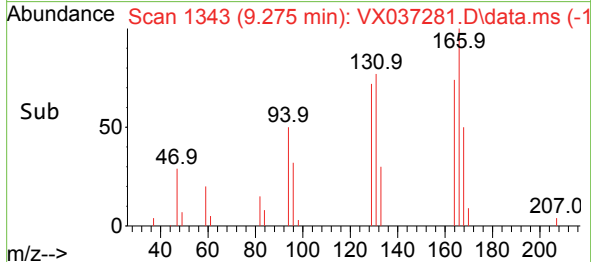
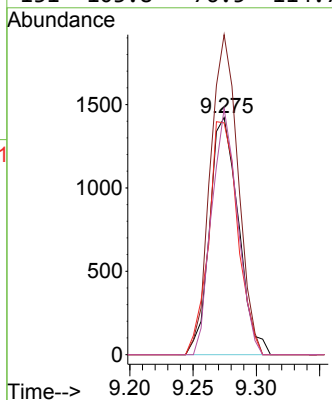
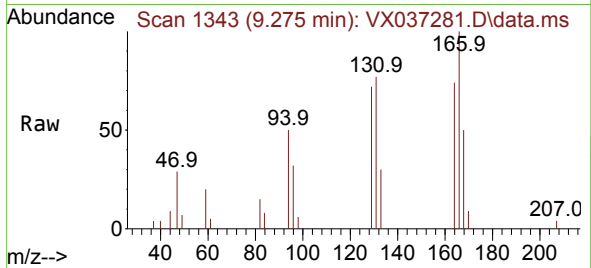


#64
Tetrachloroethene
Concen: 1.463 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20230818

Tgt Ion:164 Resp: 2244

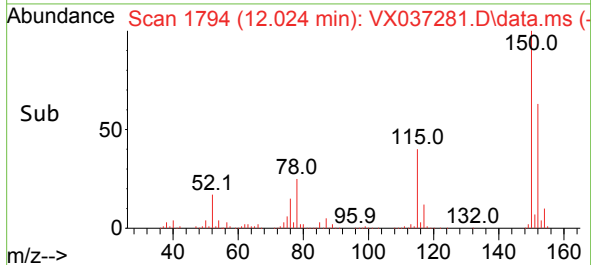
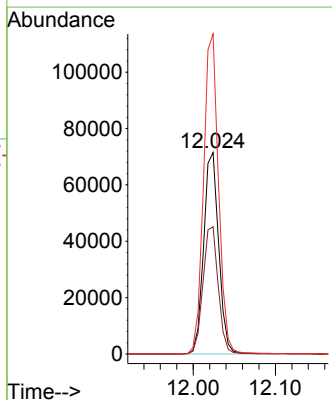
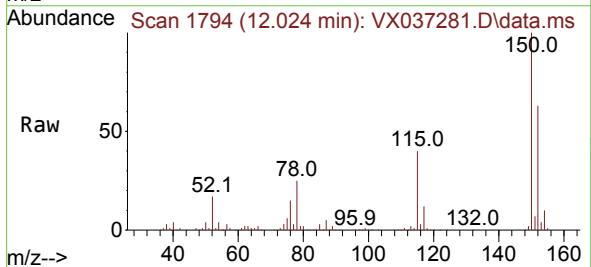
Ion	Ratio	Lower	Upper
164	100		
166	135.0	102.7	154.1
129	97.7	80.4	120.6
131	103.8	76.5	114.7

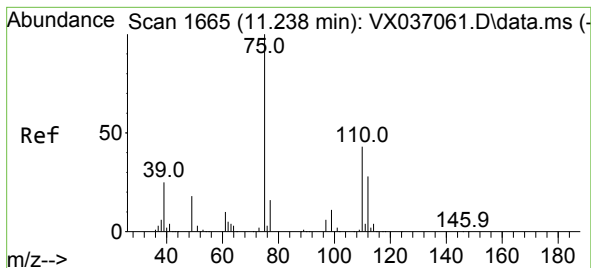


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037281.D
Acq: 25 Aug 2023 19:11

Tgt Ion:152 Resp: 90821

Ion	Ratio	Lower	Upper
152	100		
115	64.3	43.3	129.9
150	158.5	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 26.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

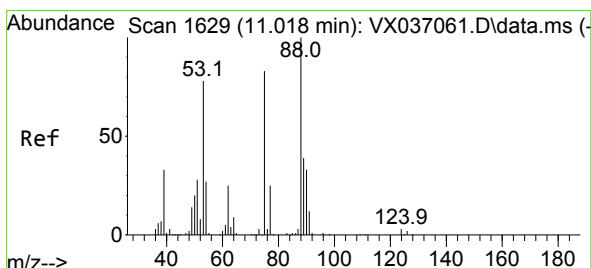
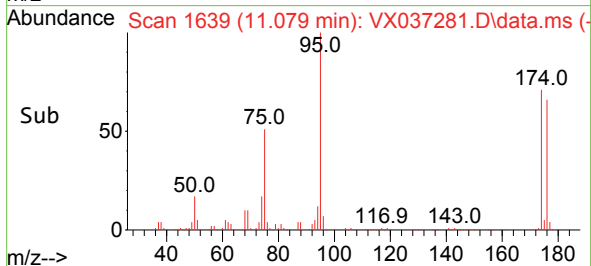
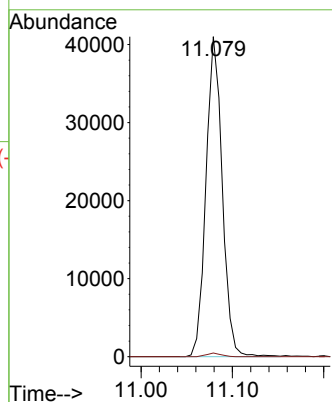
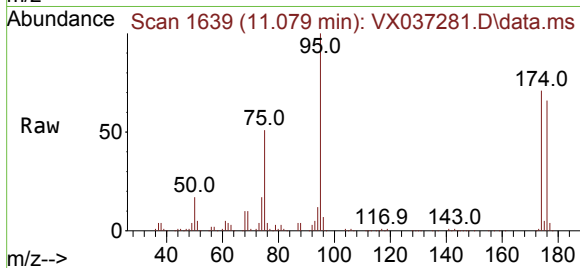
TT101D1-20230818

Tgt Ion: 75 Resp: 50654

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.146 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037281.D

Acq: 25 Aug 2023 19:11

Tgt Ion: 75 Resp: 50654

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

