

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028063.D
 Acq On : 12 Apr 2022 17:57
 Operator : JC/MD
 Sample : N2334-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Apr 13 01:13:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

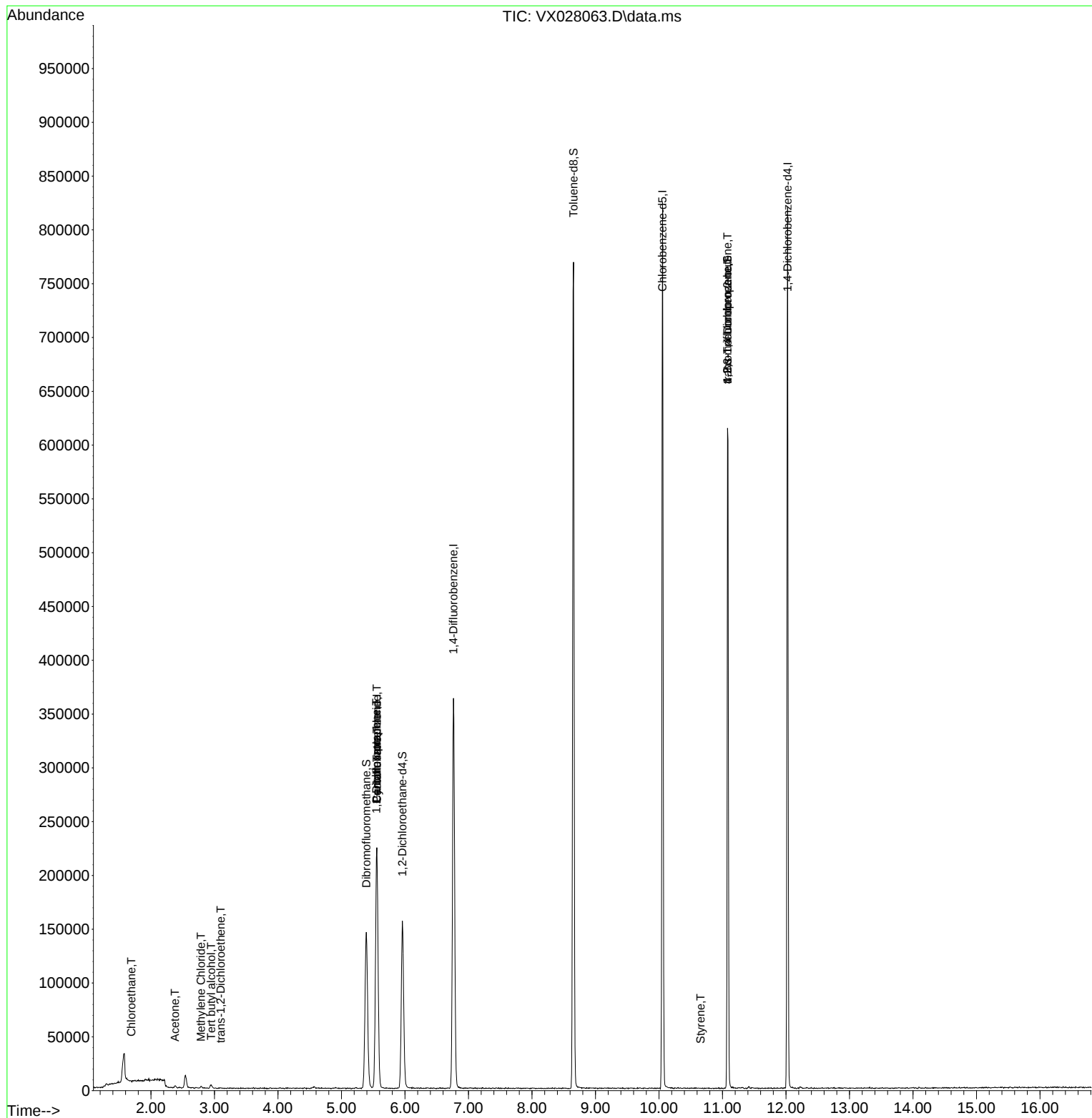
Internal Standards						
1) Pentafluorobenzene	5.556	168	212504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139906	48.528	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.060%
35) Dibromofluoromethane	5.391	113	122485	50.540	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.080%
50) Toluene-d8	8.653	98	452583	50.072	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	149300	44.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	748	Below Cal	#	78
6) Chloroethane	1.691	64	191	2.682	ug/l #	43
11) Tert butyl alcohol	2.947	59	1610	2.406	ug/l #	72
13) Acrolein	2.215	56	124	Below Cal	#	15
16) Acetone	2.380	43	2362	1.966	ug/l	93
20) Methylene Chloride	2.788	84	728	0.304	ug/l #	72
21) trans-1,2-Dichloroethene	3.099	96	525	0.209	ug/l #	1
31) Cyclohexane	5.556	56	5121	1.292	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	16940	4.580	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20787	5.264	ug/l #	16
70) Styrene	10.653	104	45	4.708	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	82605	23.657	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	82605	66.630	ug/l #	15

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

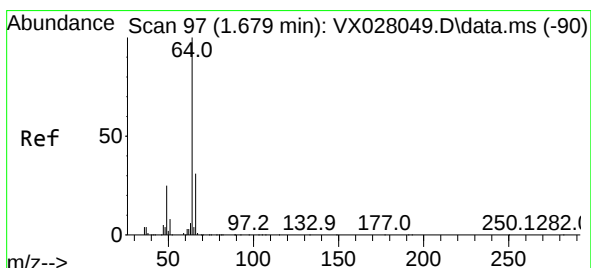
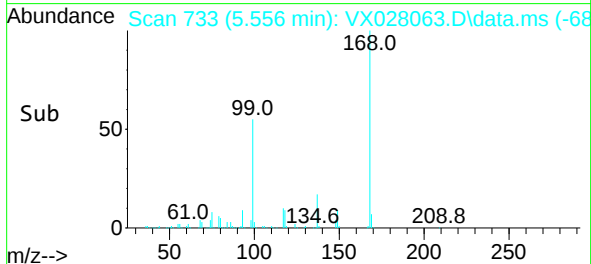
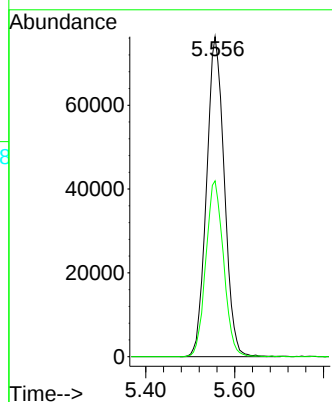
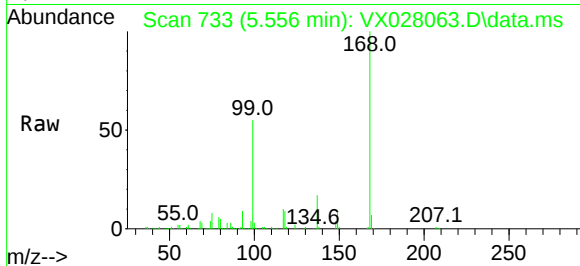




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

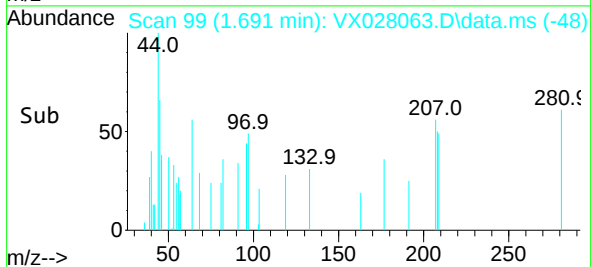
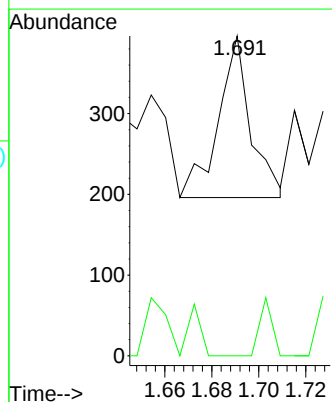
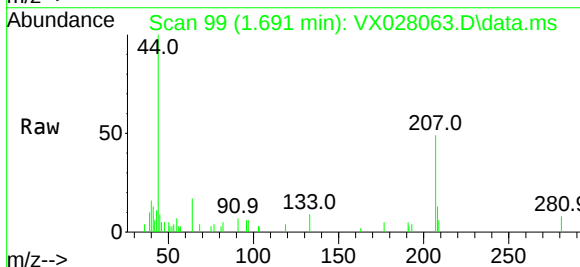
Instrument :
MSVOA_X
ClientSampleId :
TB

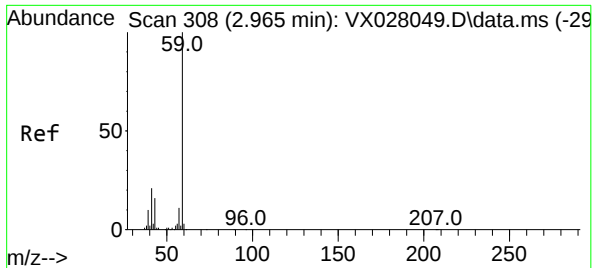
Tgt Ion:168 Resp: 212504
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#6
Chloroethane
Concen: 2.682 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

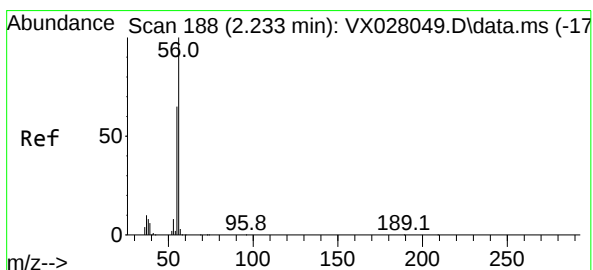
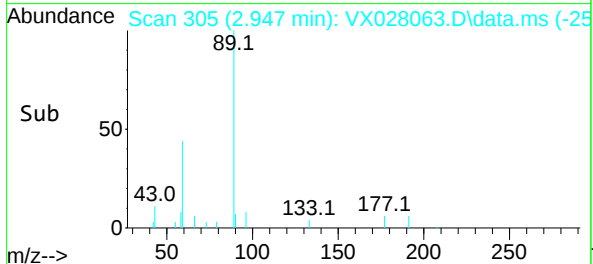
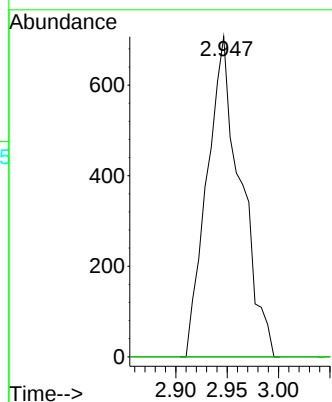
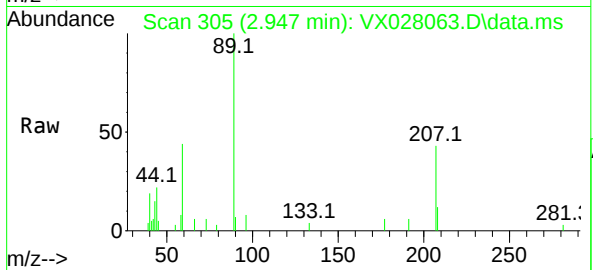




#11
Tert butyl alcohol
Concen: 2.406 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

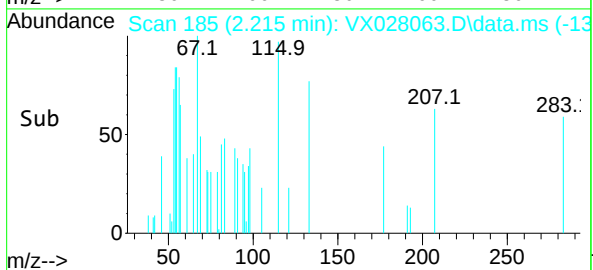
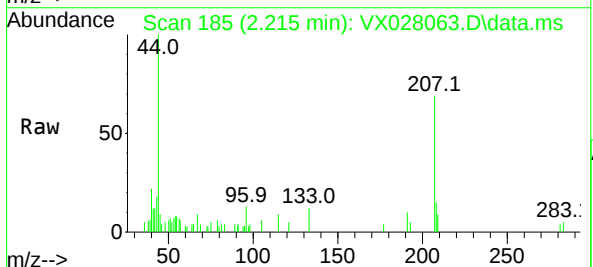
Instrument :
MSVOA_X
ClientSampleId :
TB

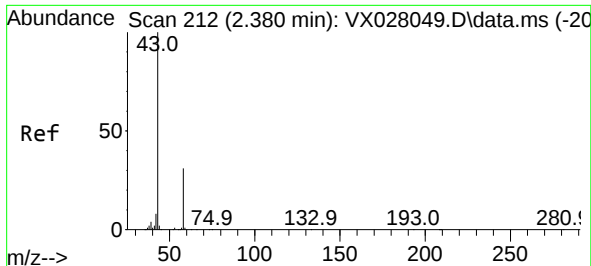
Tgt Ion: 59 Resp: 1610
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

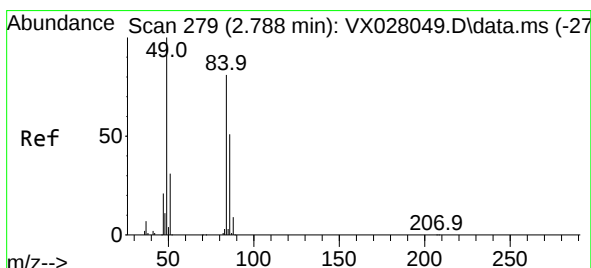
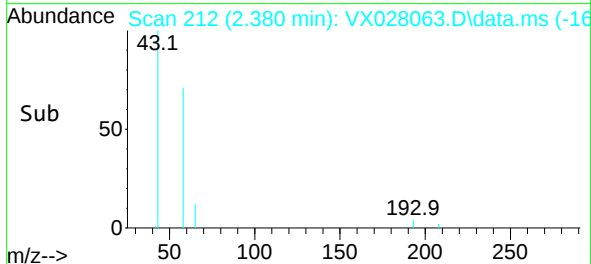
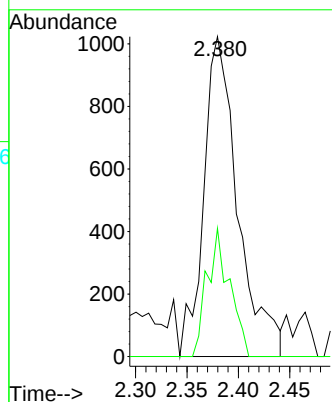
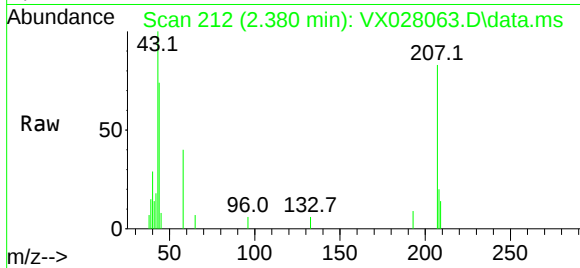




#16
Acetone
Concen: 1.966 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

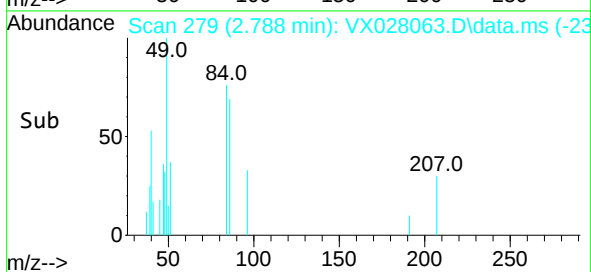
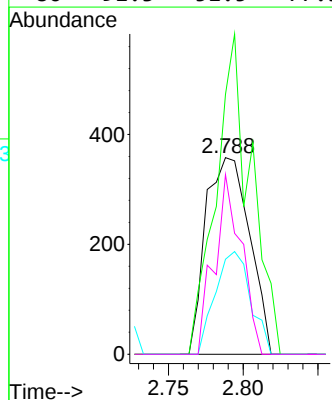
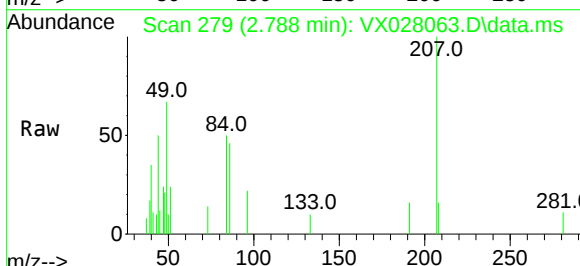
Instrument :
MSVOA_X
ClientSampleId :
TB

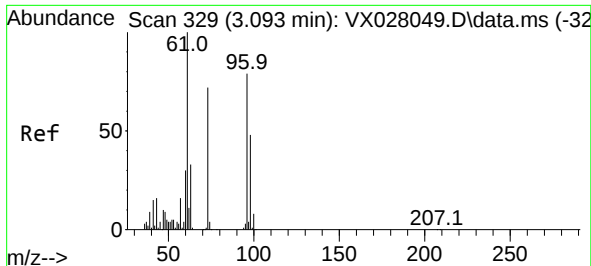
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 40.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 84 Resp: 728
Ion Ratio Lower Upper
84 100
49 132.1 85.5 128.3#
51 48.3 26.6 39.8#
86 91.3 51.5 77.3#

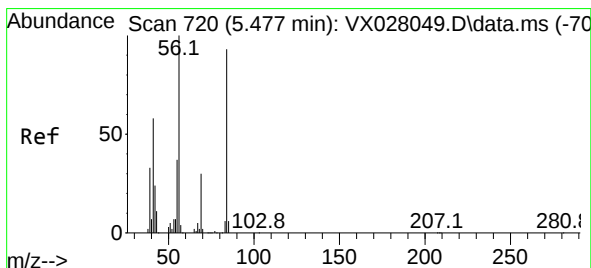
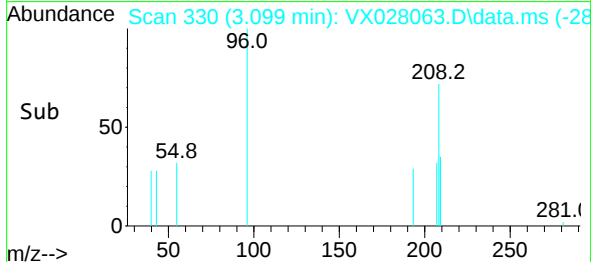
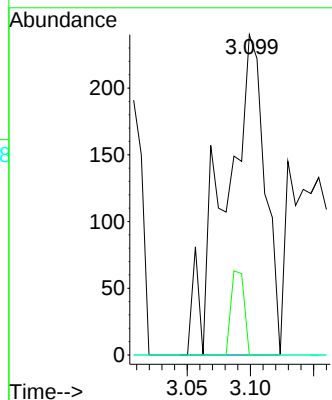
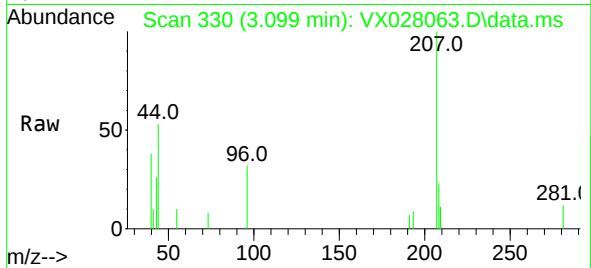




#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

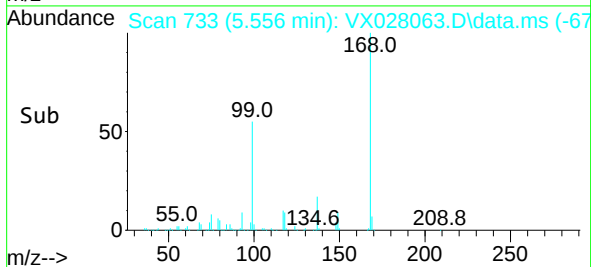
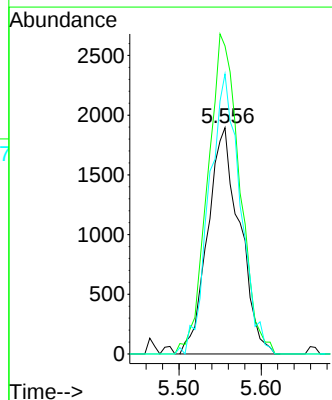
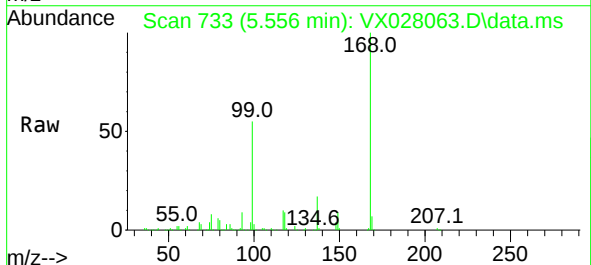
Instrument :
MSVOA_X
ClientSampleId :
TB

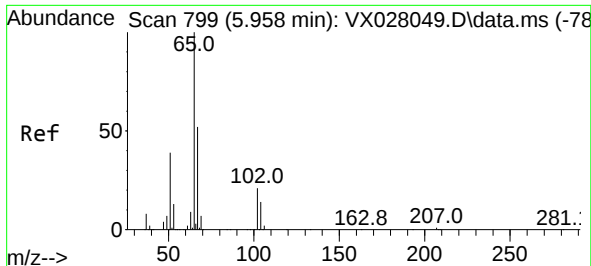
Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 0.0 105.4 158.2#
98 0.0 50.0 75.0#



#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 56 Resp: 5121
Ion Ratio Lower Upper
56 100
69 136.1 26.7 40.1#
84 123.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.528 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028063.D

Acq: 12 Apr 2022 17:57

Instrument :

MSVOA_X

ClientSampleId :

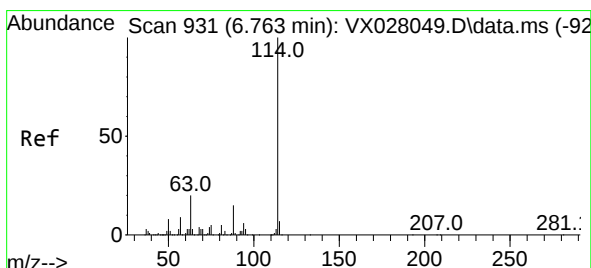
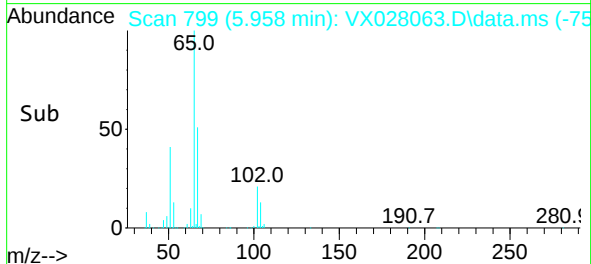
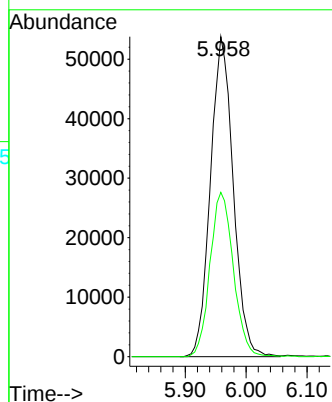
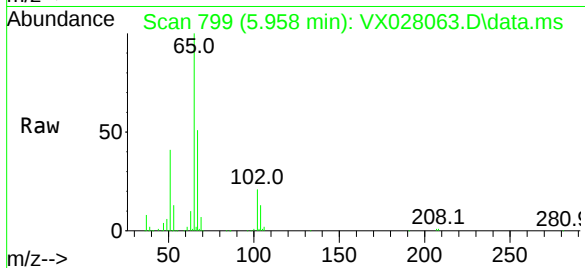
TB

Tgt Ion: 65 Resp: 139906

Ion Ratio Lower Upper

65 100

67 52.6 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: VX028063.D

Acq: 12 Apr 2022 17:57

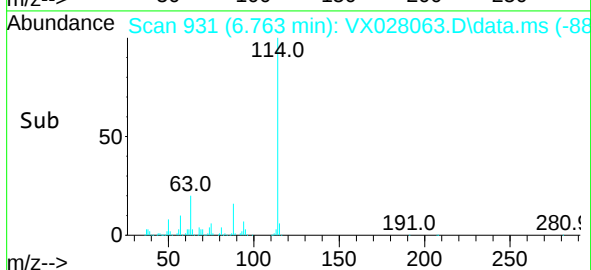
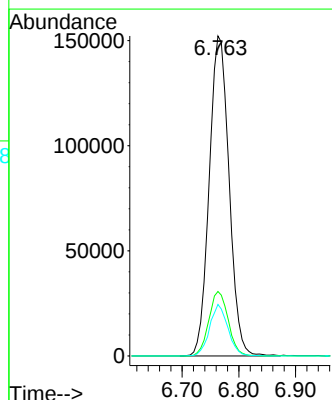
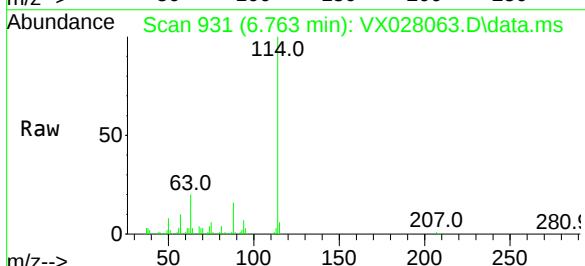
Tgt Ion: 114 Resp: 369851

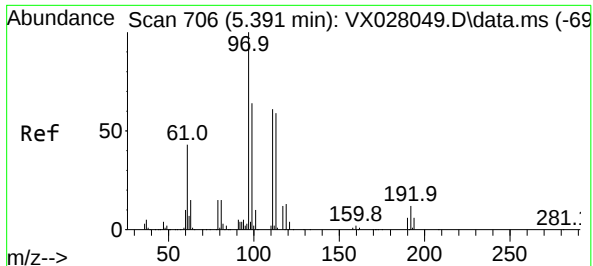
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.540 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028063.D

Acq: 12 Apr 2022 17:57

Instrument :

MSVOA_X

ClientSampleId :

TB

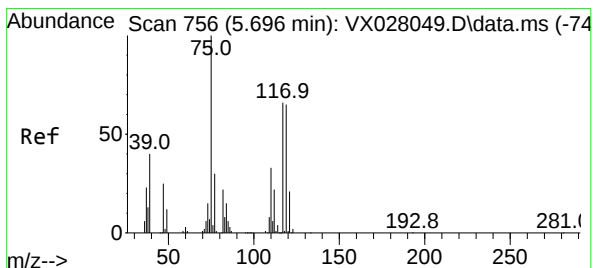
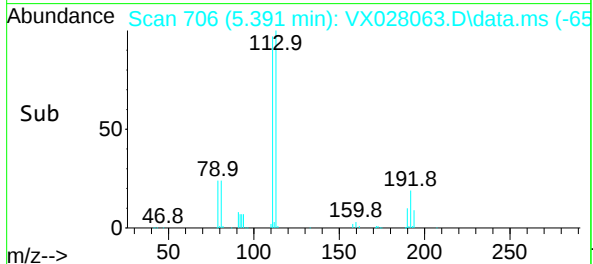
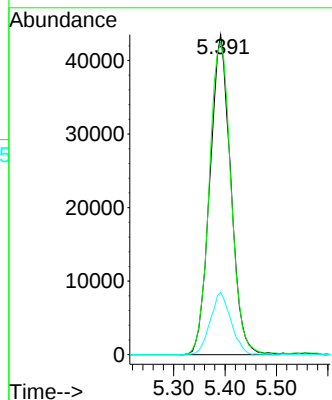
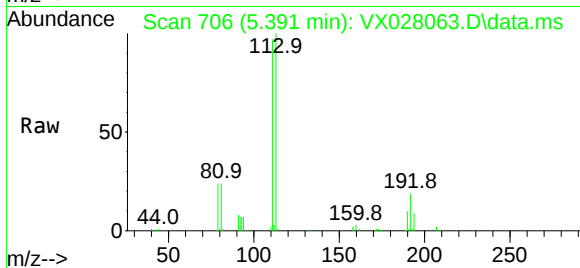
Tgt Ion:113 Resp: 122485

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 19.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028063.D

Acq: 12 Apr 2022 17:57

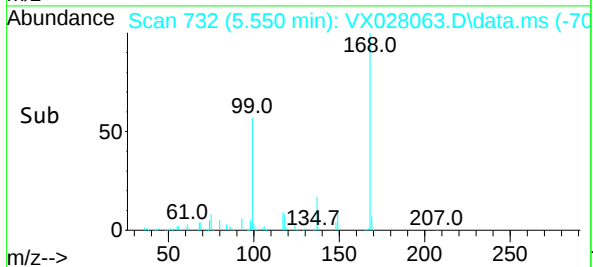
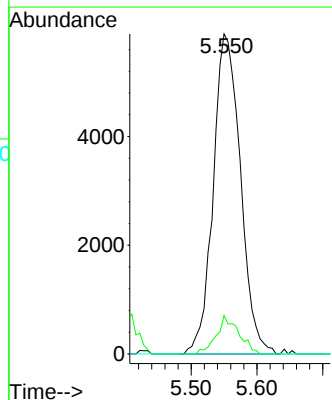
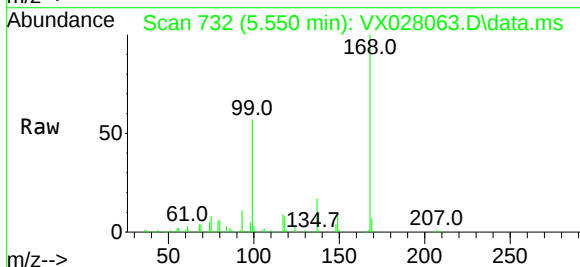
Tgt Ion: 75 Resp: 16940

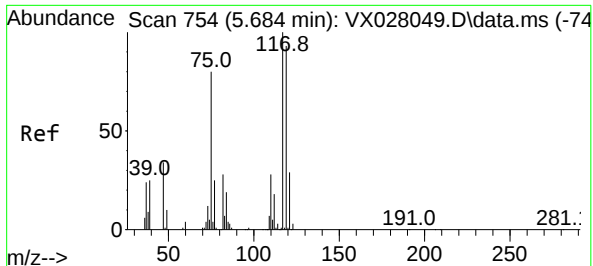
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#

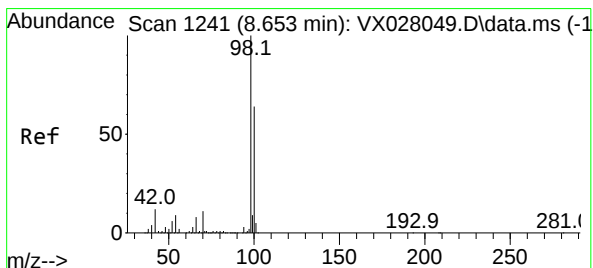
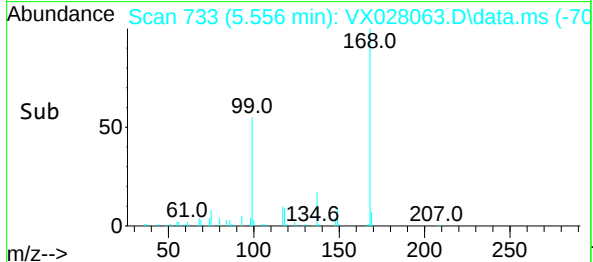
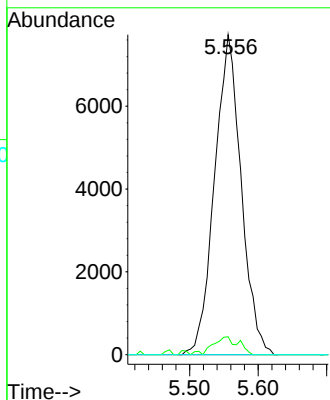
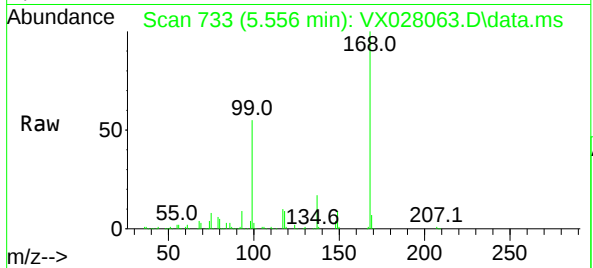




#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

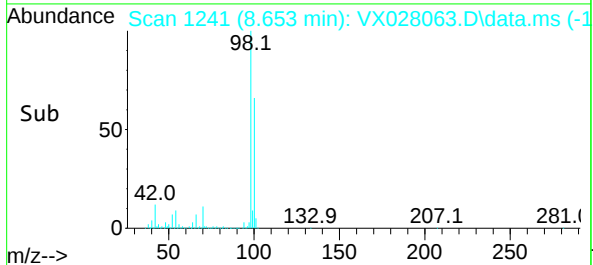
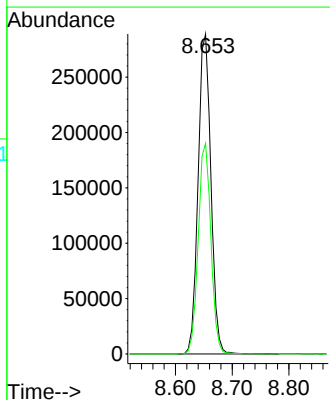
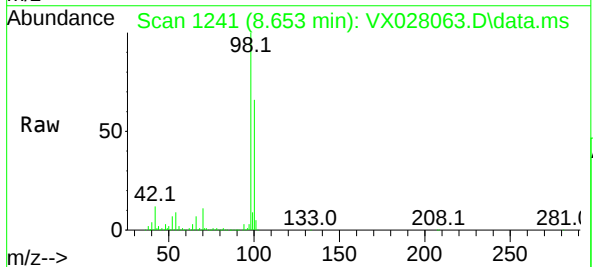
Instrument :
MSVOA_X
ClientSampleId :
TB

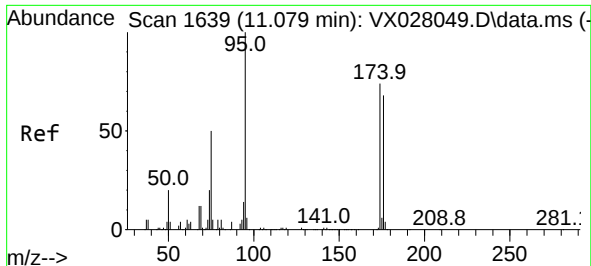
Tgt Ion:117 Resp: 20787
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.072 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 98 Resp: 452583
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

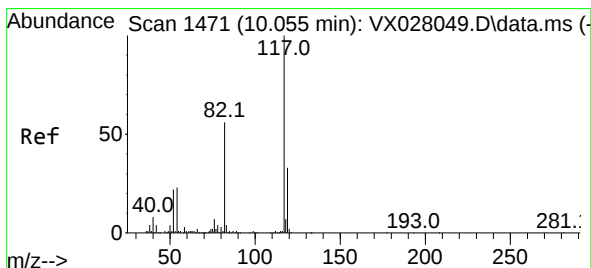
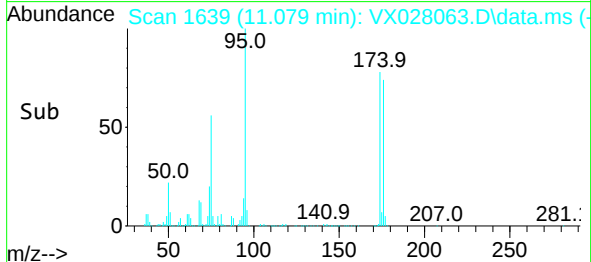
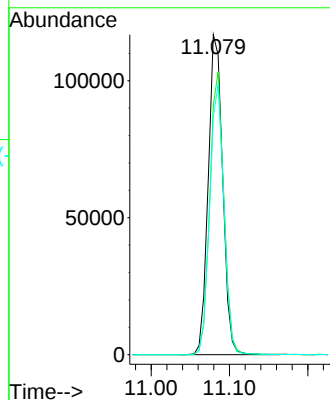
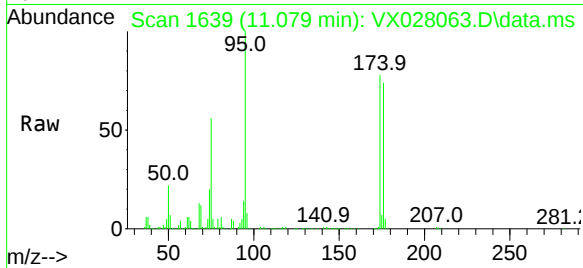




#62
4-Bromofluorobenzene
Concen: 44.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

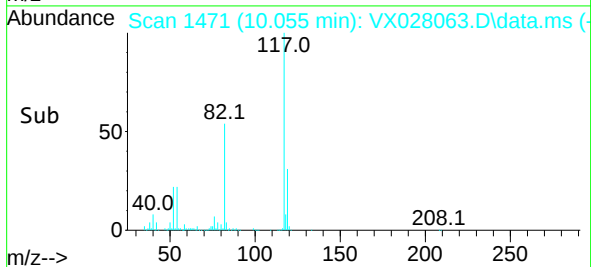
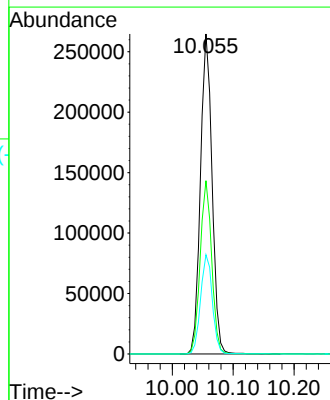
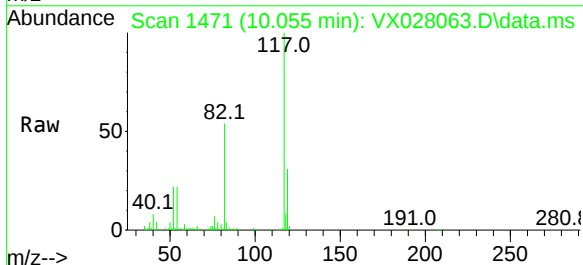
Instrument :
MSVOA_X
ClientSampleId :
TB

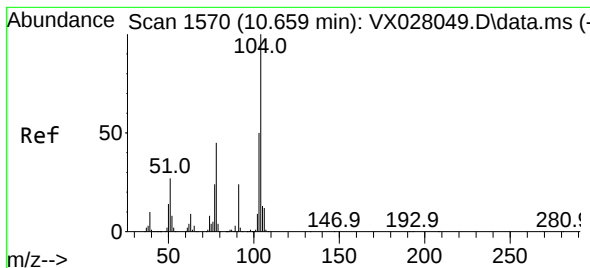
Tgt Ion: 95 Resp: 149300
Ion Ratio Lower Upper
95 100
174 86.6 0.0 163.0
176 83.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 117 Resp: 350153
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 31.0 24.8 37.2





#70

Styrene

Concen: 4.708 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX028063.D

Acq: 12 Apr 2022 17:57

Instrument :

MSVOA_X

ClientSampleId :

TB

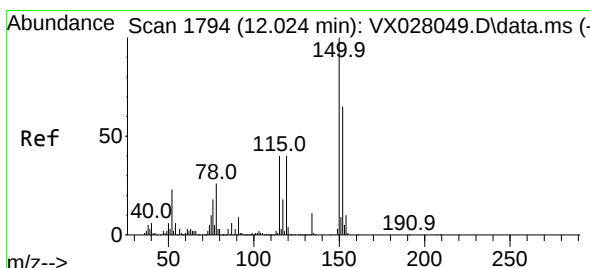
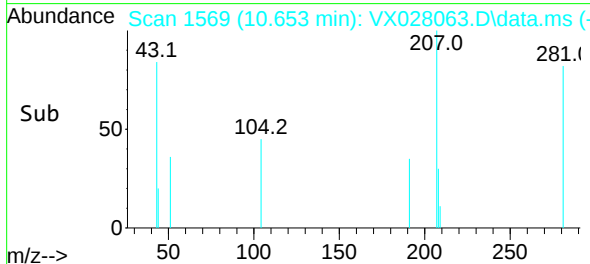
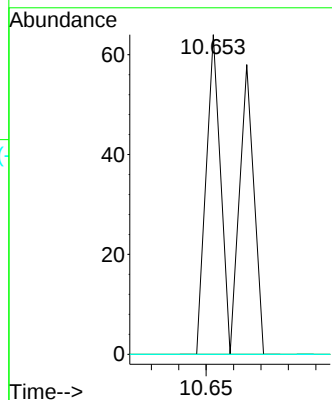
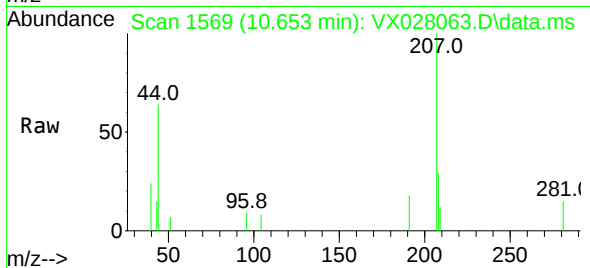
Tgt Ion:104 Resp: 45

Ion Ratio Lower Upper

104 100

78 0.0 38.6 57.8#

103 0.0 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028063.D

Acq: 12 Apr 2022 17:57

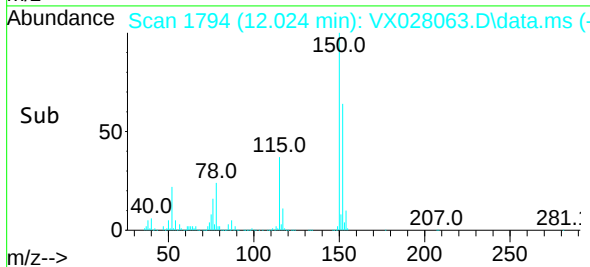
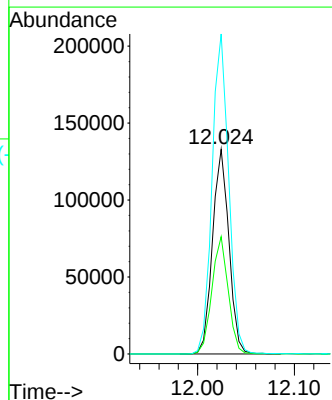
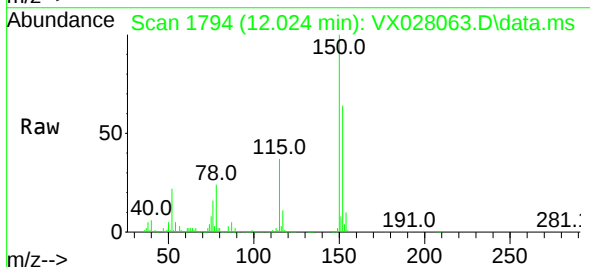
Tgt Ion:152 Resp: 156845

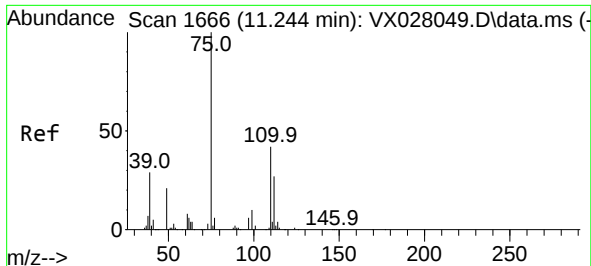
Ion Ratio Lower Upper

152 100

115 56.8 37.5 112.7

150 158.4 0.0 338.2

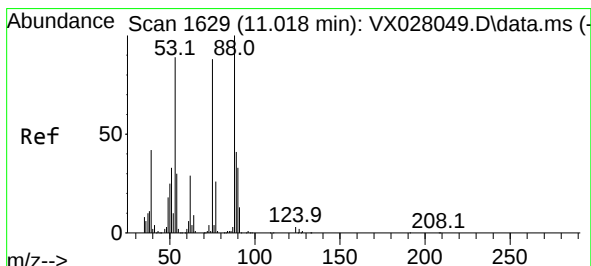
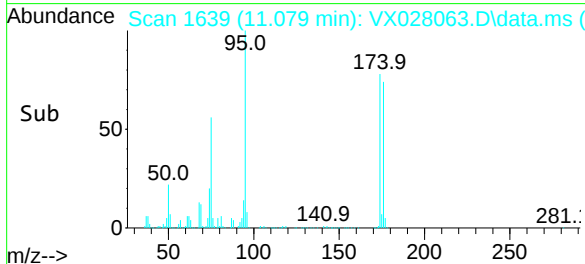
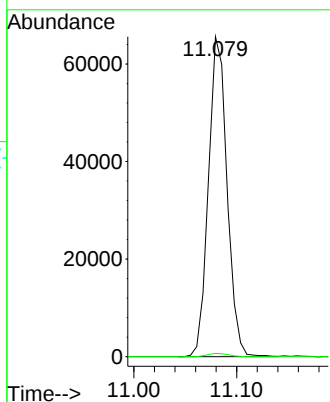
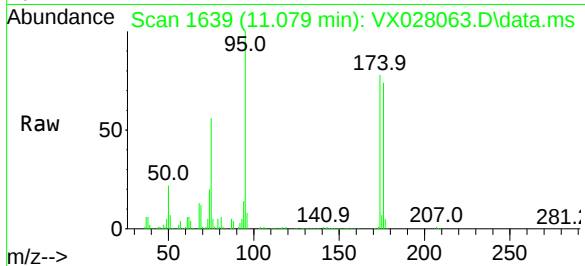




#76
1,2,3-Trichloropropane
Concen: 23.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 82605
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028063.D
Acq: 12 Apr 2022 17:57

Tgt Ion: 75 Resp: 82605
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

