

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029939.D
 Acq On : 06 Jul 2022 13:20
 Operator : JC/MD
 Sample : N3591-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-070522

Quant Time: Jul 07 02:34:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

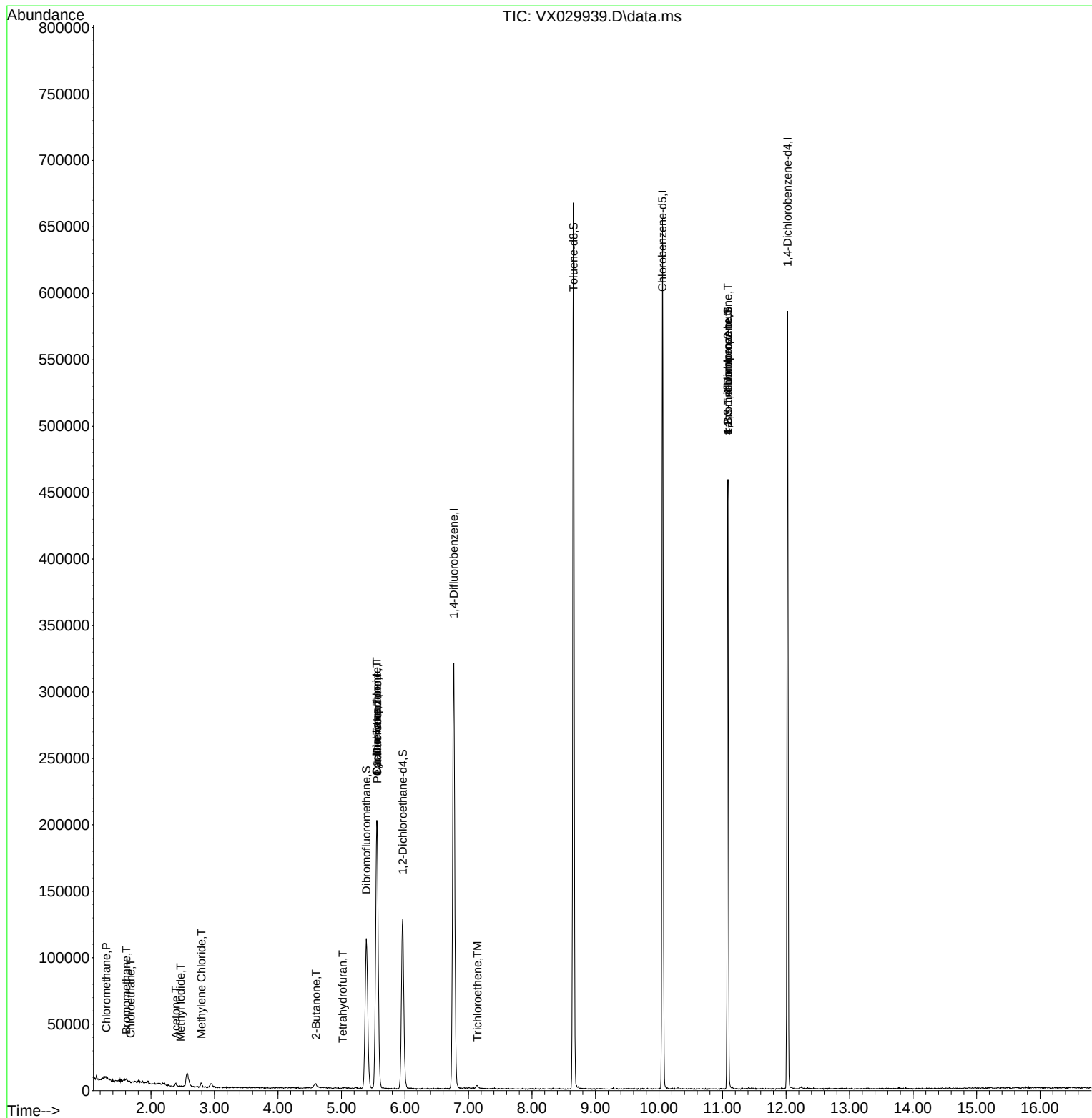
Internal Standards						
1) Pentafluorobenzene	5.562	168	201517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	349558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111885	43.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	5.391	113	100799	46.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.653	98	391018	47.712	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.085	95	128150	44.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	725	0.320	ug/l #	88
5) Bromomethane	1.611	94	447	0.360	ug/l #	32
6) Chloroethane	1.679	64	148	1.124	ug/l #	41
10) Methyl Iodide	2.465	142	382	2.006	ug/l #	45
13) Acrolein	2.252	56	158	Below Cal	#	37
16) Acetone	2.392	43	2599	2.083	ug/l	88
20) Methylene Chloride	2.794	84	1223	0.464	ug/l	94
25) 2-Butanone	4.599	43	730	0.337	ug/l	92
29) Tetrahydrofuran	5.019	42	366	0.257	ug/l #	40
31) Cyclohexane	5.556	56	4342	1.221	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	14710	5.063	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18690	7.424	ug/l #	18
44) Trichloroethene	7.141	130	1016	0.402	ug/l	100
76) 1,2,3-Trichloropropane	11.085	75	58950	20.157	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58950	64.013	ug/l #	13

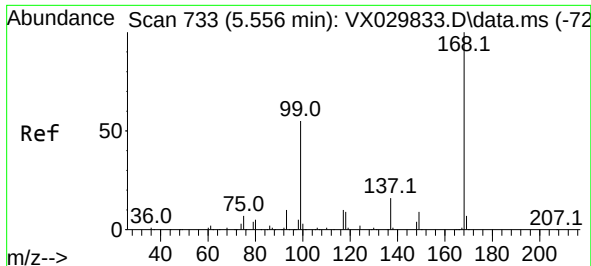
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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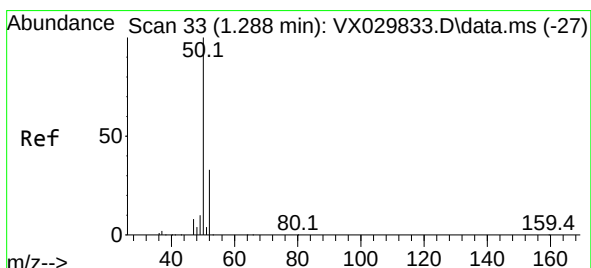
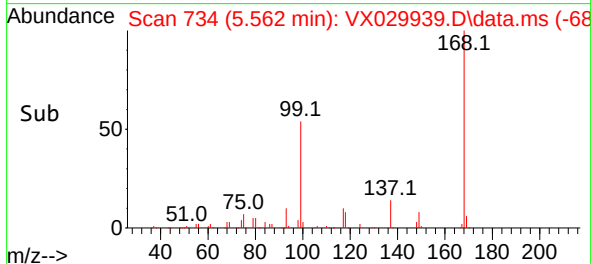
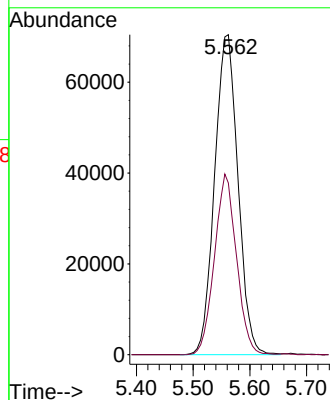
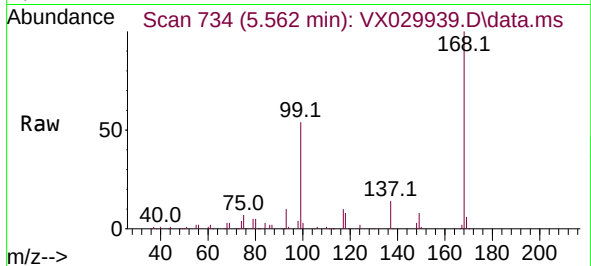




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

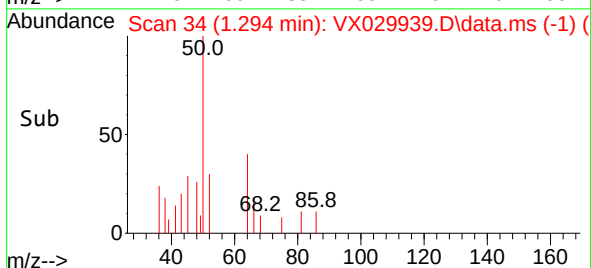
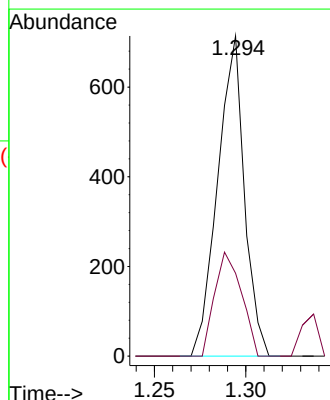
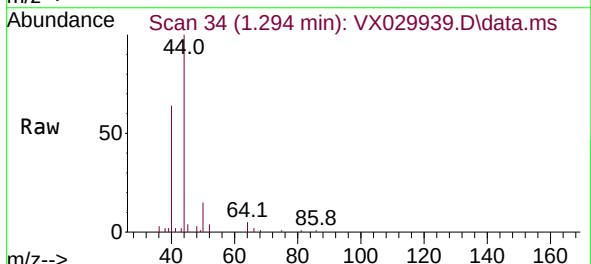
Instrument :
MSVOA_X
ClientSampleId :
TB-01-070522

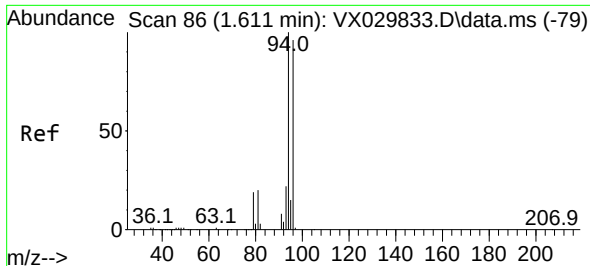
Tgt Ion:168 Resp: 201517
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 50 Resp: 725
Ion Ratio Lower Upper
50 100
52 25.9 26.3 39.5

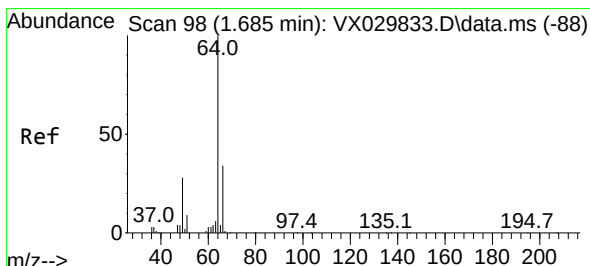
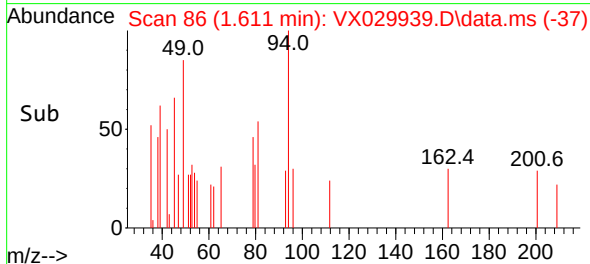
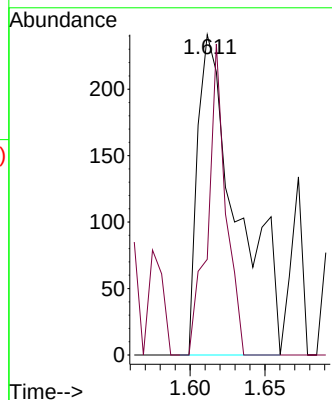
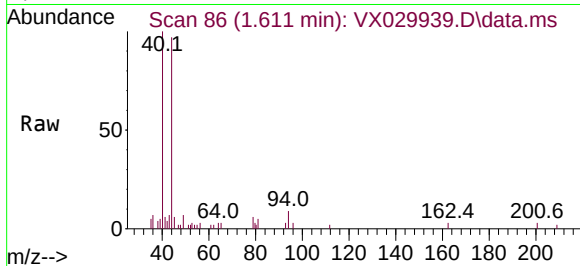




#5
Bromomethane
Concen: 0.360 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

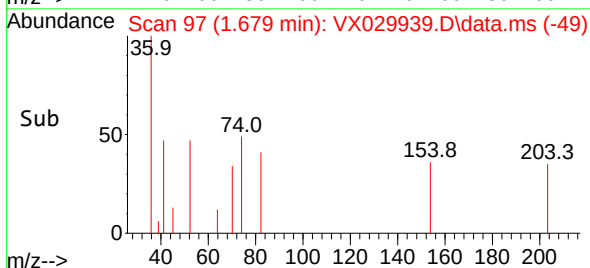
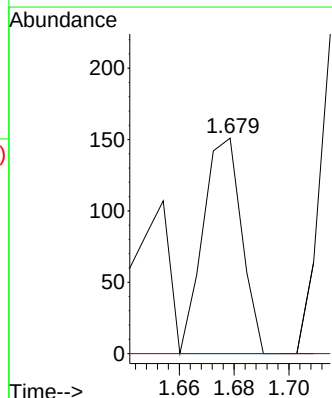
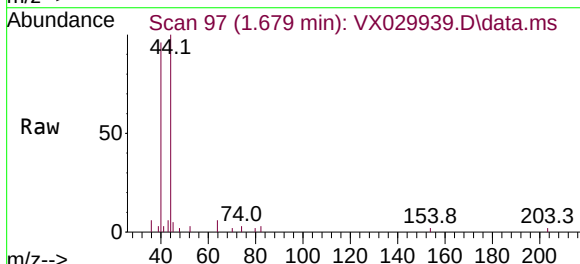
Instrument :
MSVOA_X
ClientSampleId :
TB-01-070522

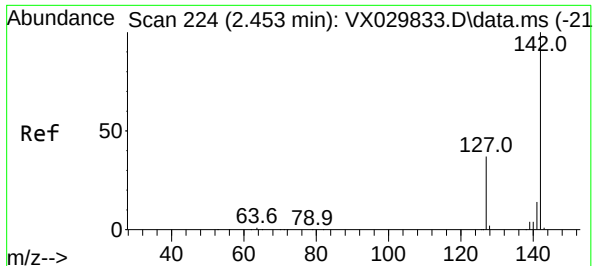
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 29.9 76.9 115.3#



#6
Chloroethane
Concen: 1.124 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

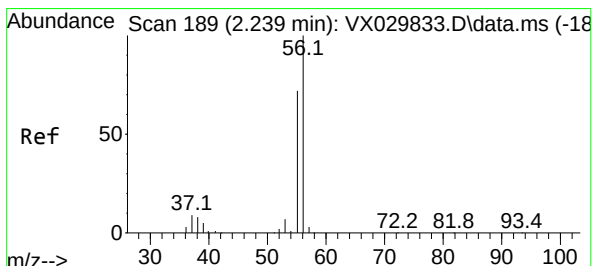
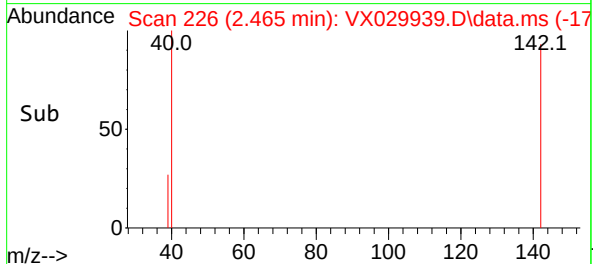
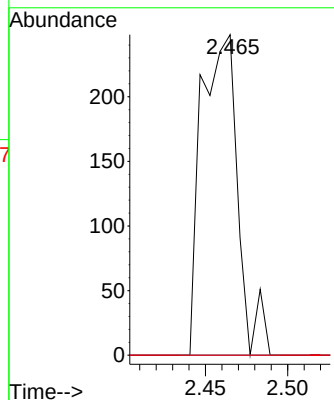
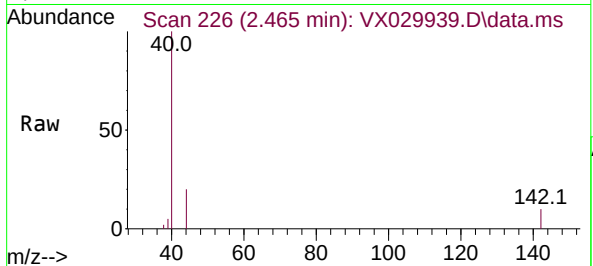




#10
Methyl Iodide
Concen: 2.006 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

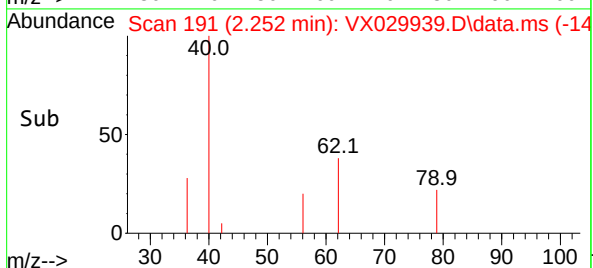
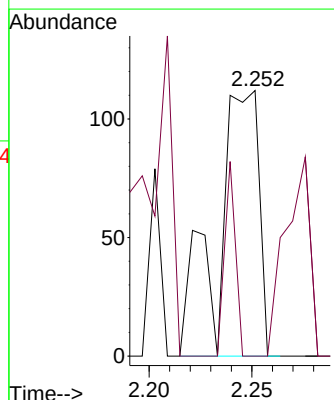
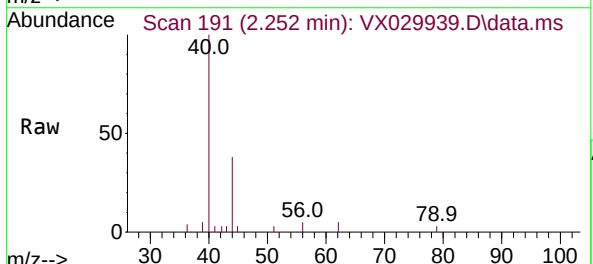
Instrument :
MSVOA_X
ClientSampleId :
TB-01-070522

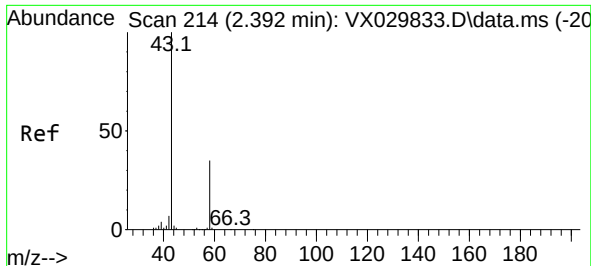
Tgt Ion:142 Resp: 382
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: Below Cal
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 19.0 56.6 84.8#

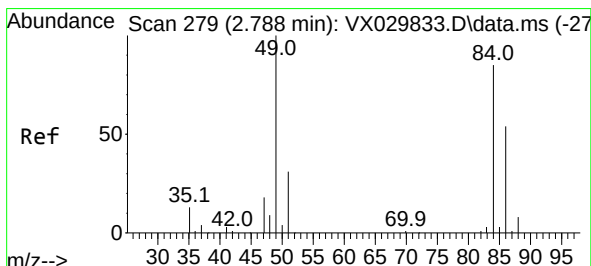
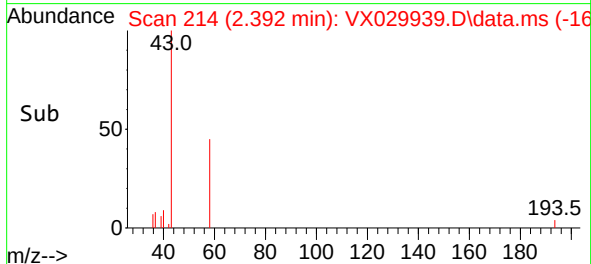
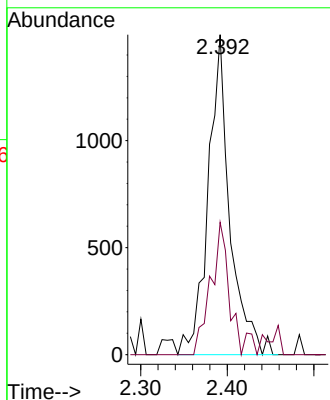
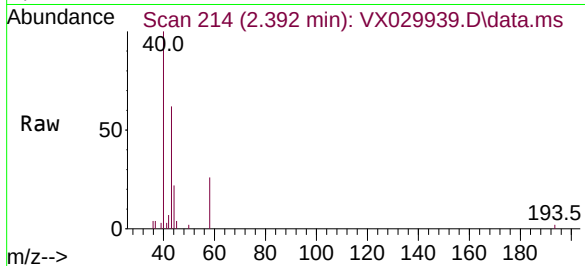




#16
Acetone
Concen: 2.083 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

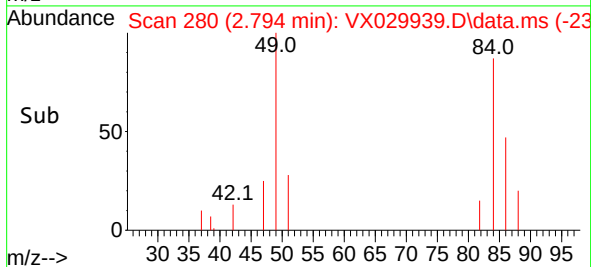
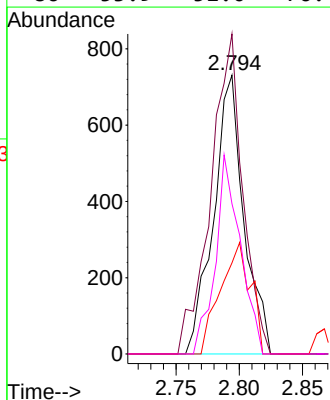
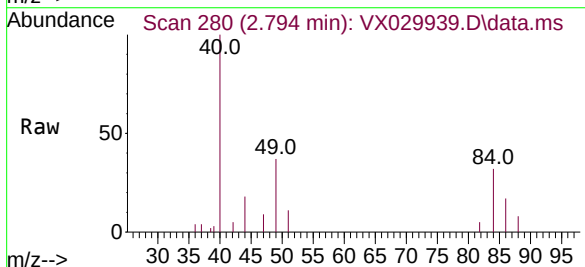
Instrument :
MSVOA_X
ClientSampleId :
TB-01-070522

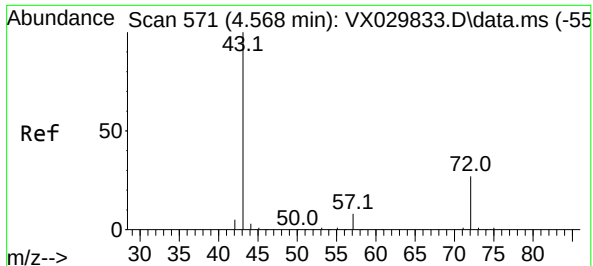
Tgt Ion: 43 Resp: 2599
Ion Ratio Lower Upper
43 100
58 41.3 27.7 41.5



#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 84 Resp: 1223
Ion Ratio Lower Upper
84 100
49 114.8 93.8 140.6
51 32.7 29.4 44.0
86 53.9 51.0 76.4

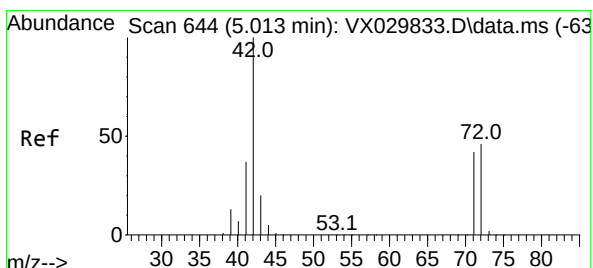
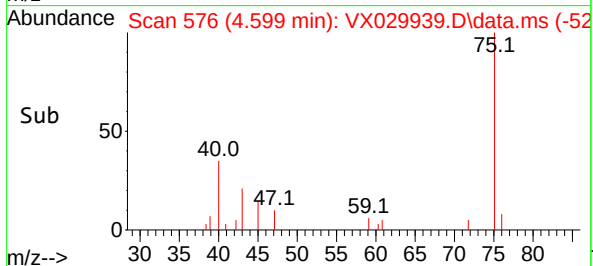
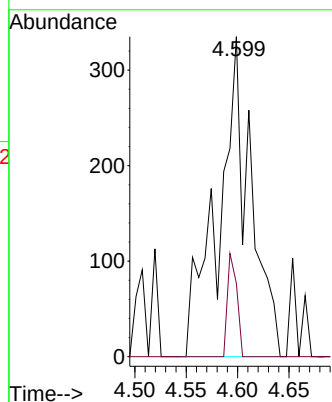
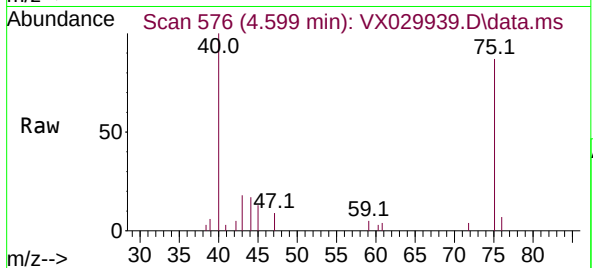




#25
2-Butanone
Concen: 0.337 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

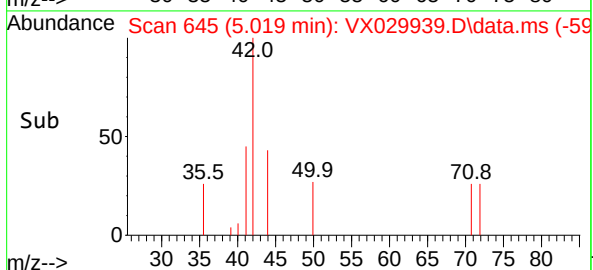
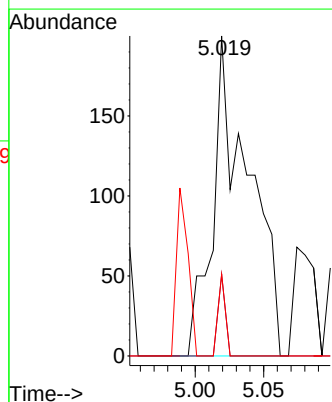
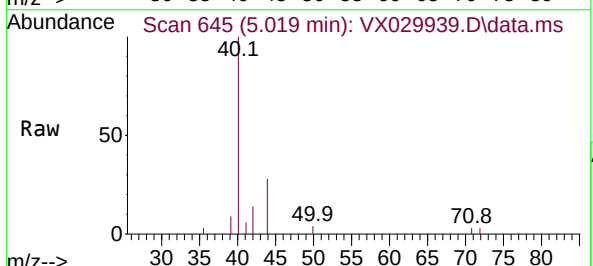
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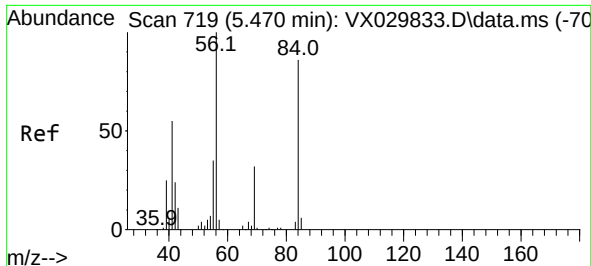
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5



#29
Tetrahydrofuran
Concen: 0.257 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 42 Resp: 366
Ion Ratio Lower Upper
42 100
72 5.2 36.5 54.7#
71 5.2 33.9 50.9#

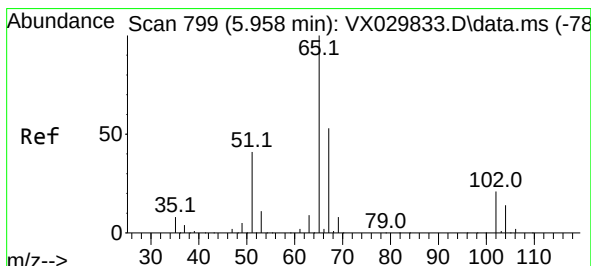
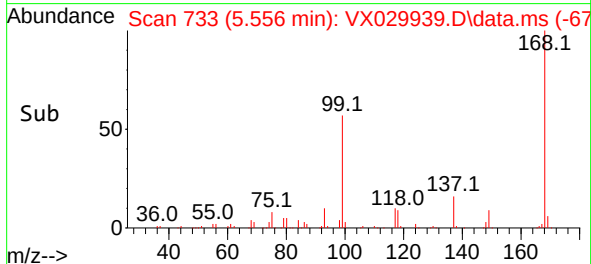
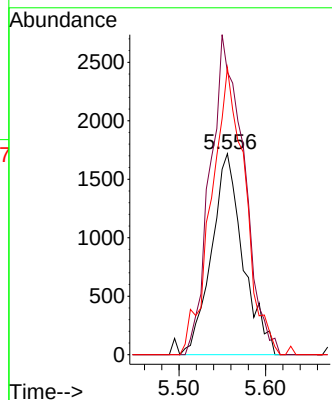
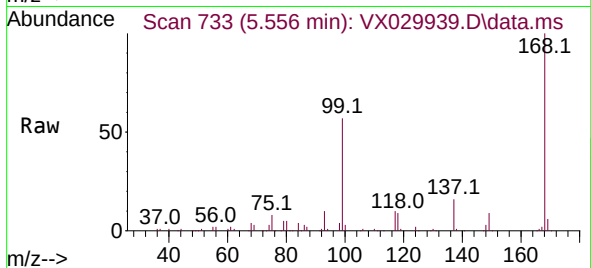




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

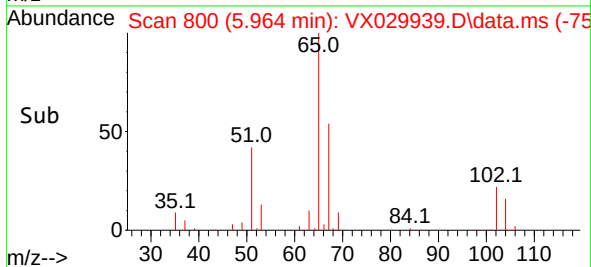
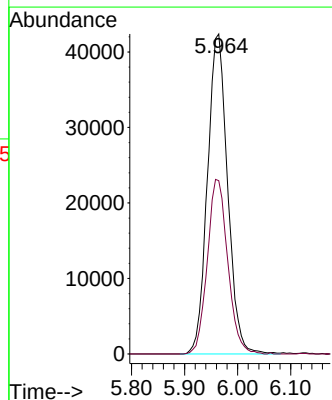
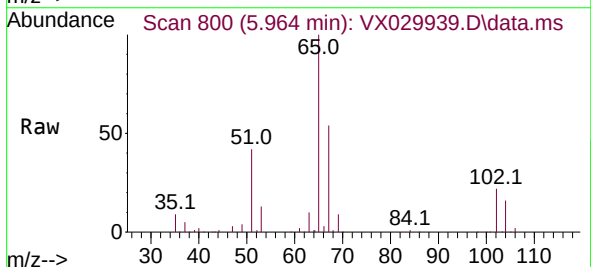
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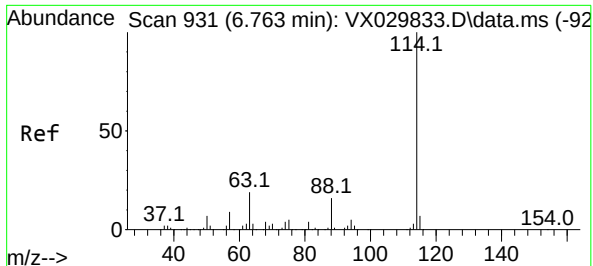
Tgt Ion: 56 Resp: 4342
Ion Ratio Lower Upper
56 100
69 140.6 25.4 38.0#
84 142.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.862 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 65 Resp: 111885
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

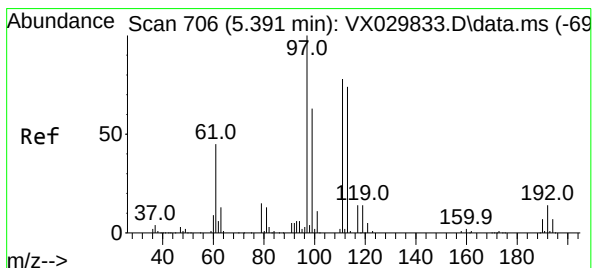
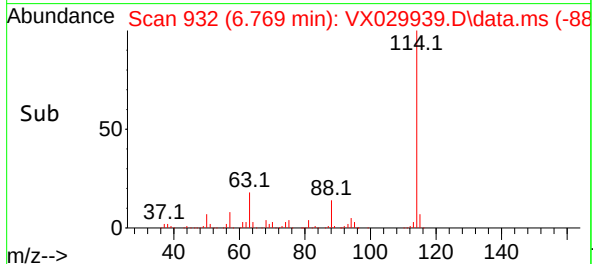
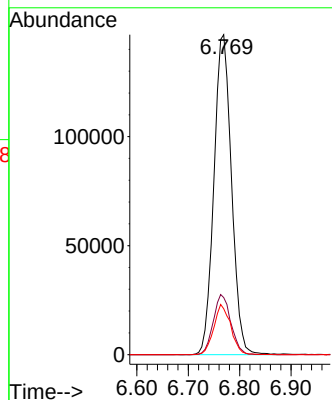
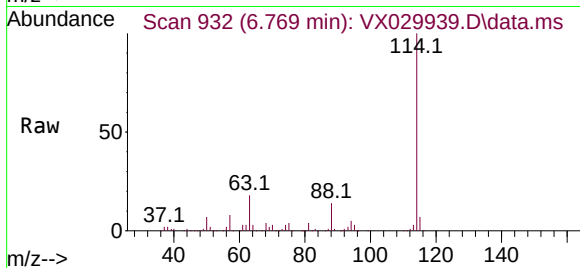




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

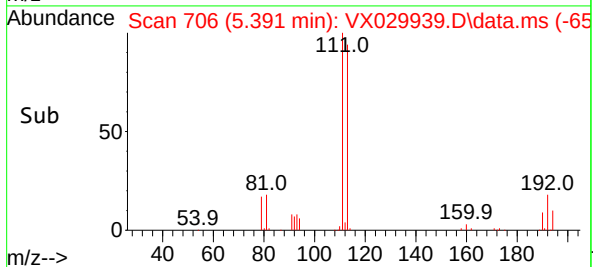
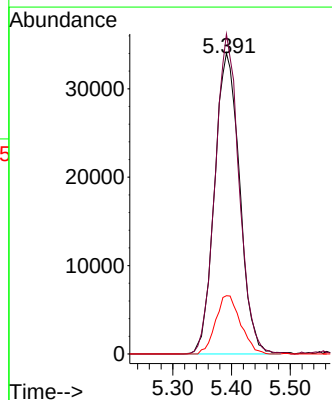
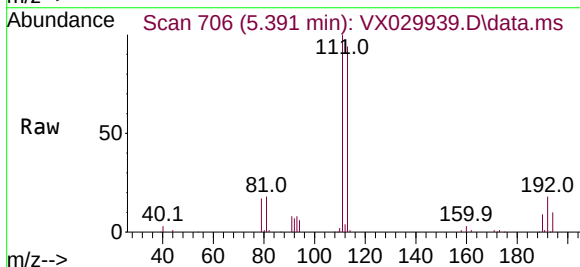
Instrument :
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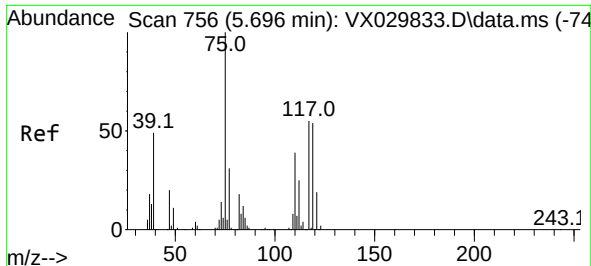
Tgt Ion:114 Resp: 349558
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.142 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion:113 Resp: 100799
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 19.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.063 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029939.D

Acq: 06 Jul 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

TB-01-070522

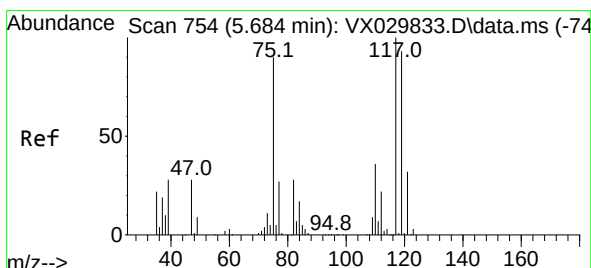
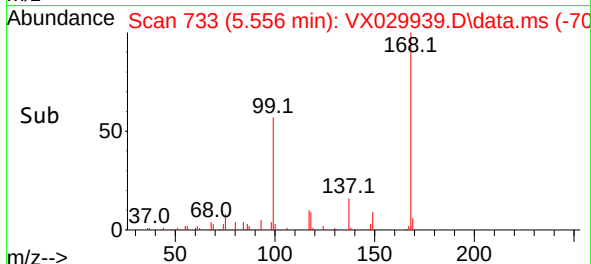
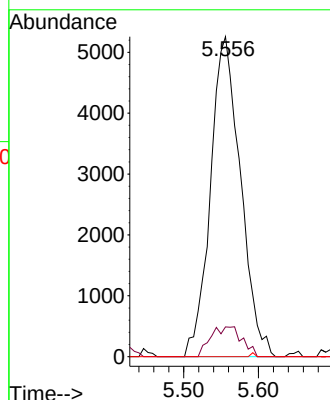
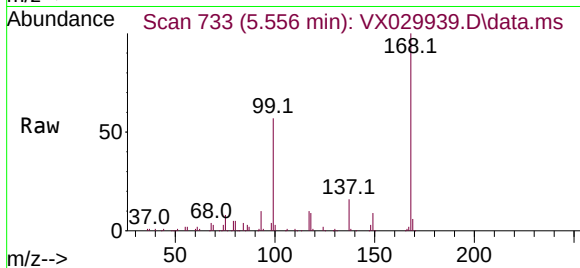
Tgt Ion: 75 Resp: 14710

Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.424 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029939.D

Acq: 06 Jul 2022 13:20

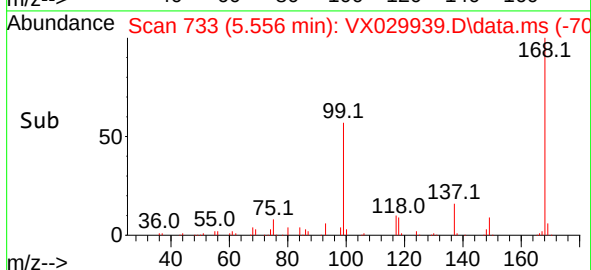
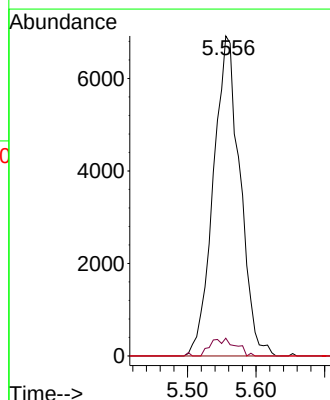
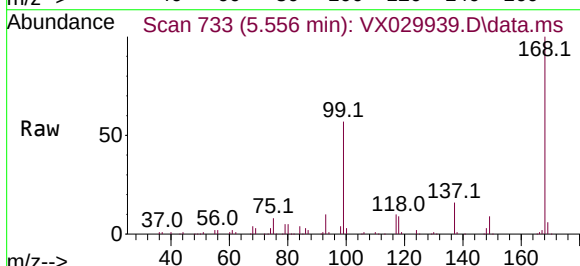
Tgt Ion: 117 Resp: 18690

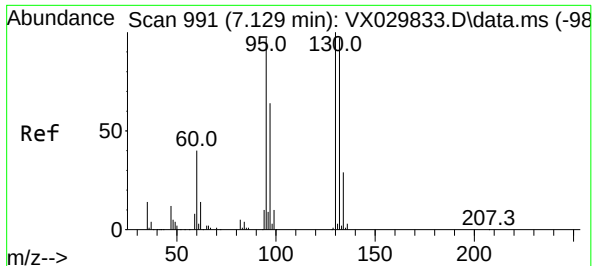
Ion Ratio Lower Upper

117 100

119 5.6 74.1 111.1#

121 0.0 25.8 38.8#

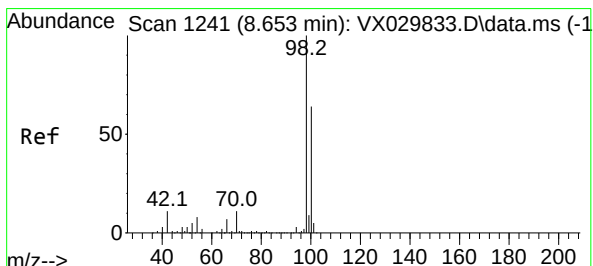
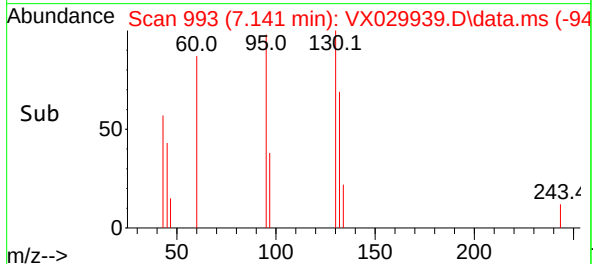
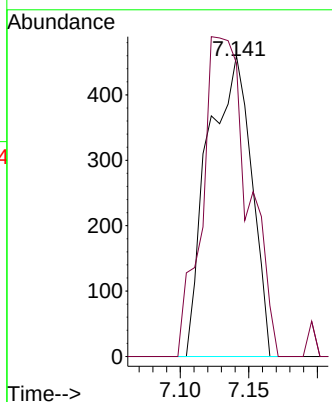
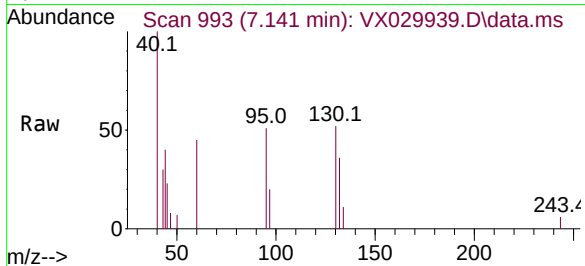




#44
 Trichloroethene
 Concen: 0.402 ug/l
 RT: 7.141 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VX029939.D
 Acq: 06 Jul 2022 13:20

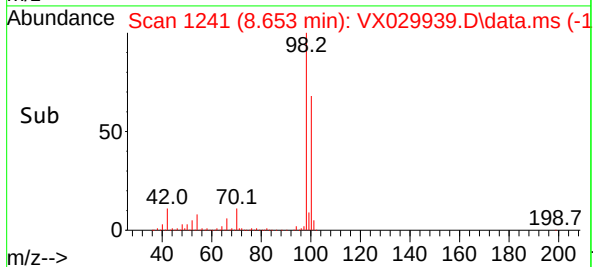
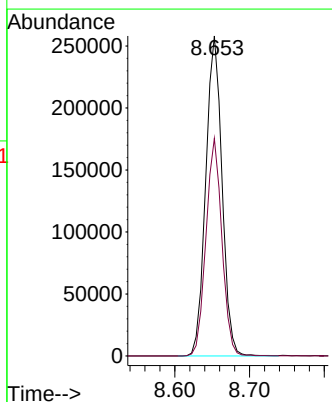
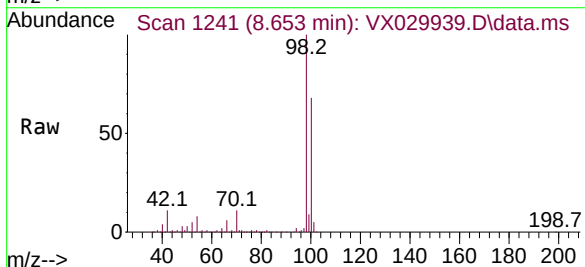
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-070522

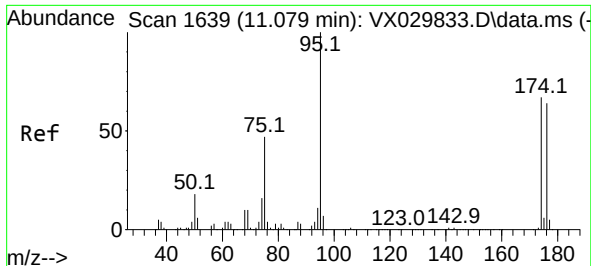
Tgt Ion:130 Resp: 1016
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 194.8



#50
 Toluene-d8
 Concen: 47.712 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029939.D
 Acq: 06 Jul 2022 13:20

Tgt Ion: 98 Resp: 391018
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.3 78.5

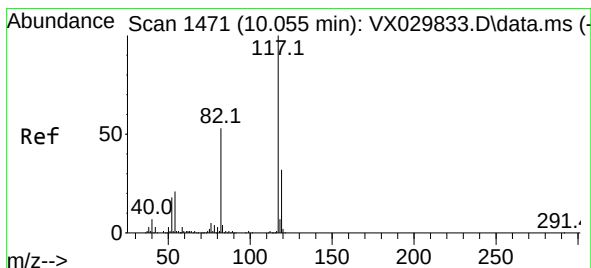
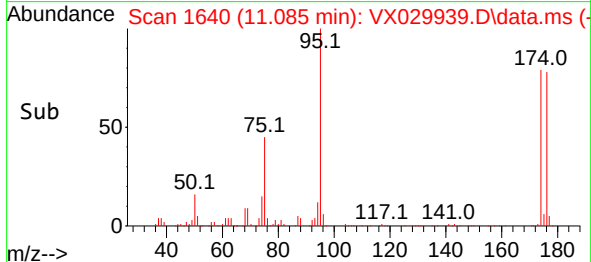
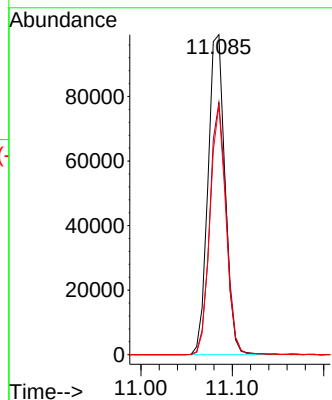
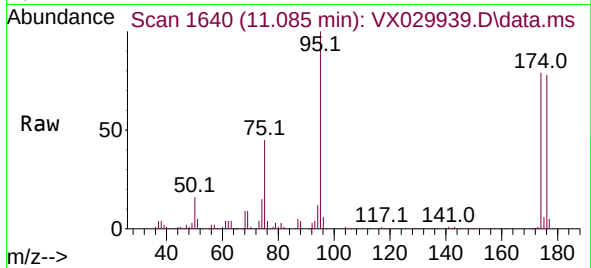




#62
4-Bromofluorobenzene
Concen: 44.237 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

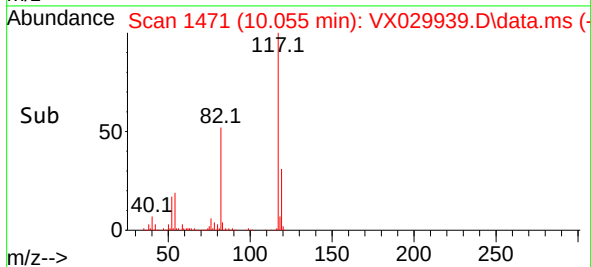
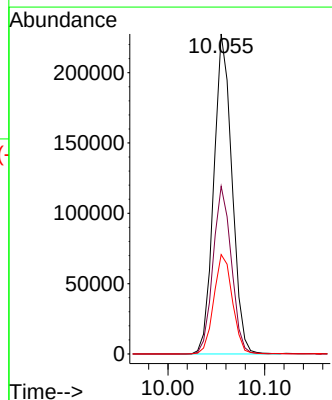
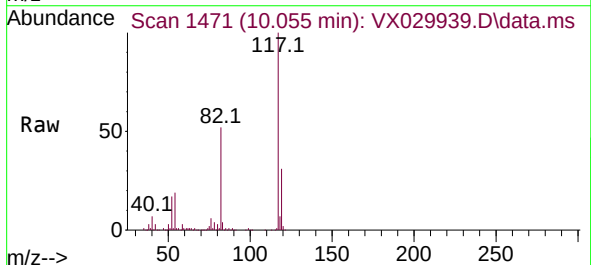
Instrument :
MSVOA_X
ClientSampleId :
TB-01-070522

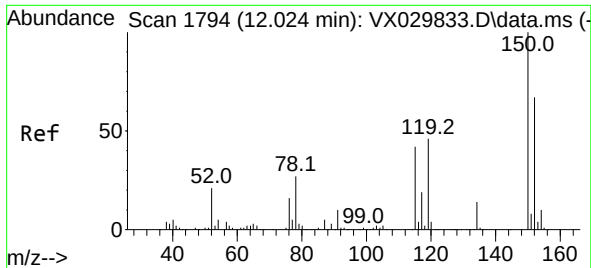
Tgt Ion: 95 Resp: 128150
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.0
176 73.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029939.D
Acq: 06 Jul 2022 13:20

Tgt Ion: 117 Resp: 297159
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 31.0 25.4 38.2

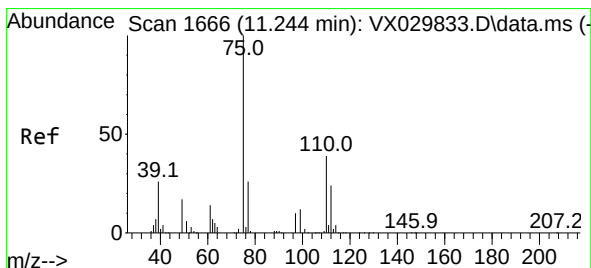
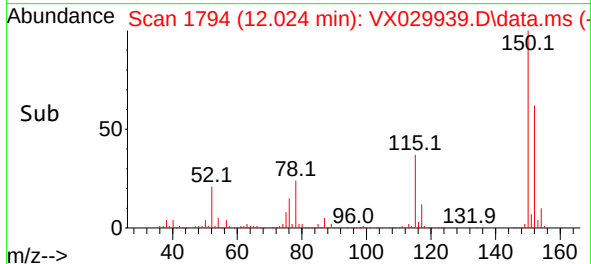
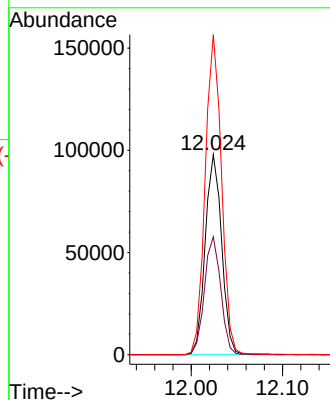
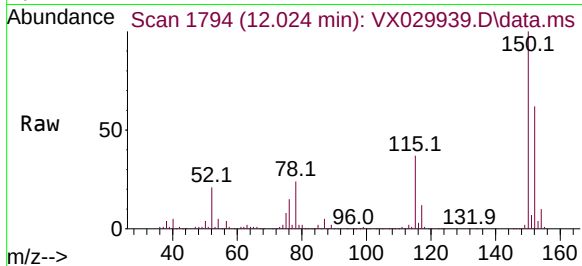




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029939.D
 Acq: 06 Jul 2022 13:20

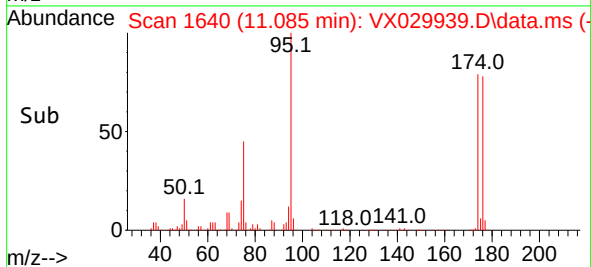
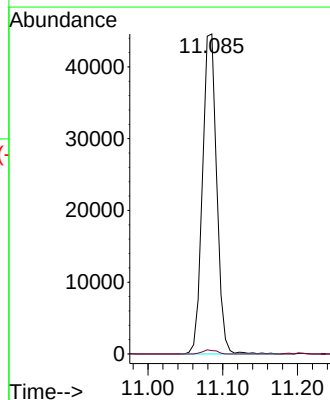
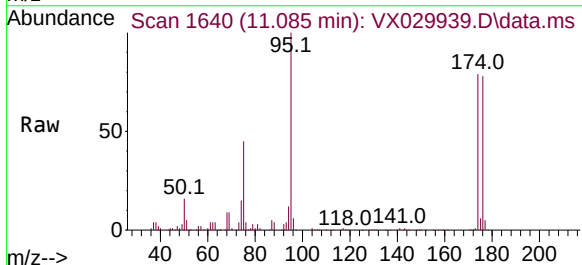
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-070522

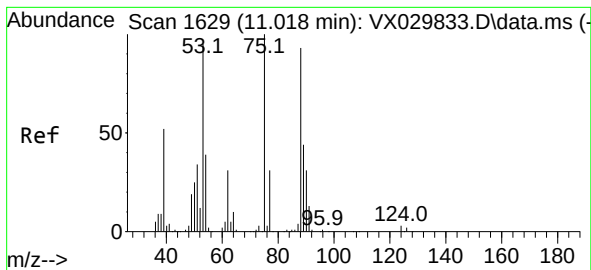
Tgt Ion:152 Resp: 122171
 Ion Ratio Lower Upper
 152 100
 115 58.5 40.5 121.5
 150 158.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.157 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX029939.D
 Acq: 06 Jul 2022 13:20

Tgt Ion: 75 Resp: 58950
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.013 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029939.D
 Acq: 06 Jul 2022 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-070522

Tgt Ion: 75 Resp: 58950
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.2 34.8 52.2#

