

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029268.D
 Acq On : 07 Jun 2022 03:58
 Operator : JC/MD
 Sample : N3166-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33BR-20220601

Quant Time: Jun 07 06:11:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

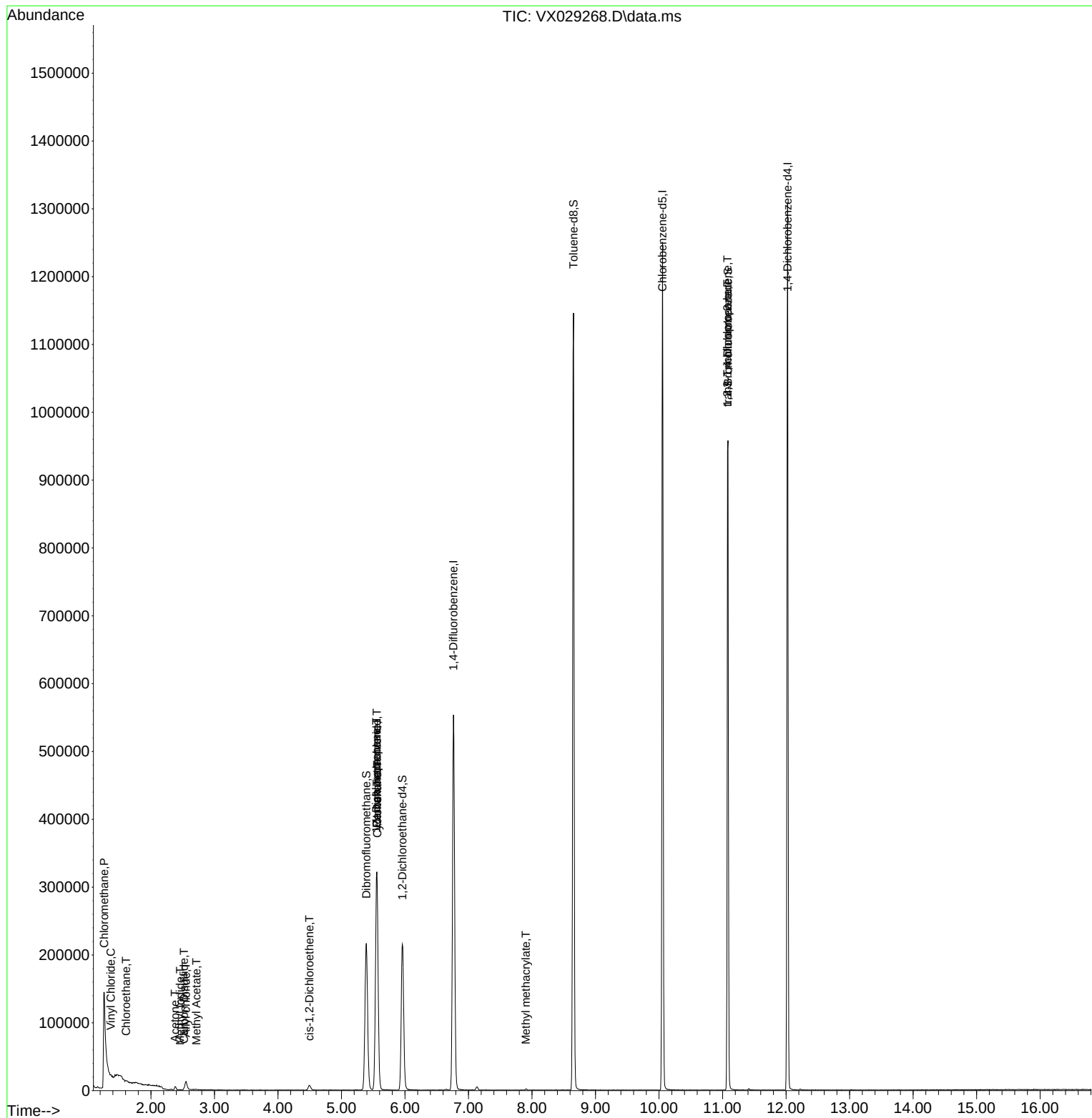
Internal Standards						
1) Pentafluorobenzene	5.556	168	301489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214576	63.116	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 126.240%	
35) Dibromofluoromethane	5.391	113	193291	51.048	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.100%	
50) Toluene-d8	8.653	98	683775	49.375	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	11.085	95	277218	51.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.580%	
Target Compounds						
						Qvalue
3) Chloromethane	1.264	50	6304	2.298	ug/l	# 42
4) Vinyl Chloride	1.368	62	1470	0.487	ug/l	# 1
5) Bromomethane	1.624	94	598	Below Cal	#	69
6) Chloroethane	1.605	64	2237	2.226	ug/l	# 53
10) Methyl Iodide	2.459	142	379	4.329	ug/l	# 91
14) Allyl chloride	2.550	41	1673	0.410	ug/l	# 63
16) Acetone	2.380	43	5848	4.368	ug/l	95
17) Carbon Disulfide	2.520	76	4540	0.609	ug/l	99
18) Methyl Acetate	2.715	43	844	0.244	ug/l	# 70
27) cis-1,2-Dichloroethene	4.495	96	4893	1.338	ug/l	89
31) Cyclohexane	5.562	56	5865	1.327	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	23793	4.884	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	32375	5.815	ug/l	# 15
44) Trichloroethene	7.123	130	2063	Below Cal		66
48) Methyl methacrylate	7.903	41	722	0.201	ug/l	# 24
76) 1,2,3-Trichloropropane	11.079	75	139067	25.893	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	139067	75.966	ug/l	# 15

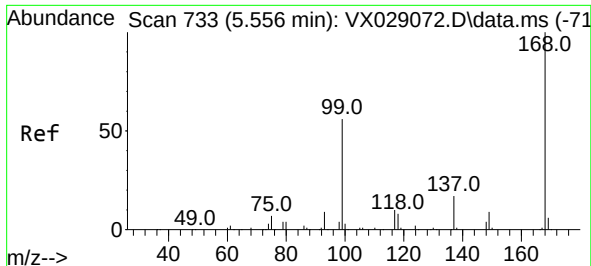
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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33BR-20220601

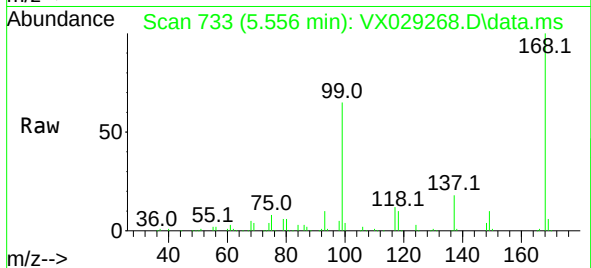
Quant Time: Jun 07 06:11:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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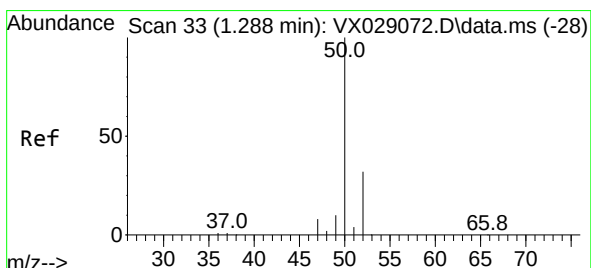
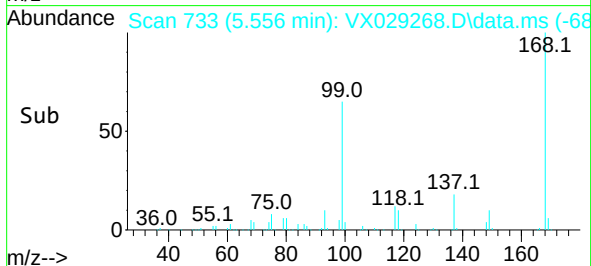
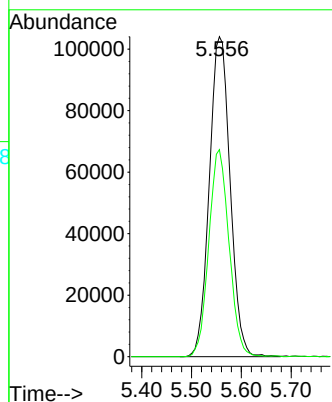


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Instrument :
MSVOA_X
ClientSampleId :
33BR-20220601

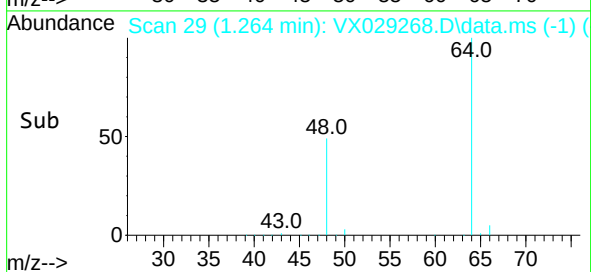
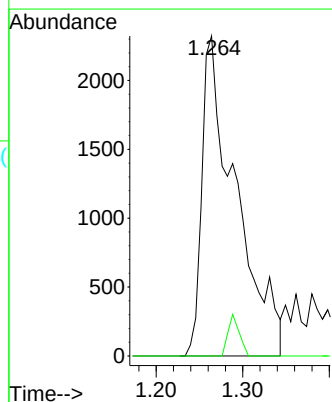
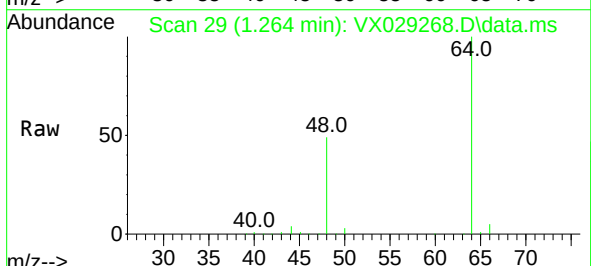


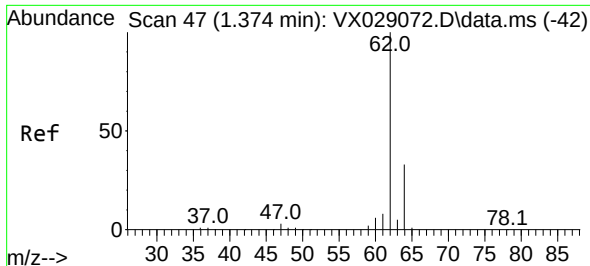
Tgt Ion:168 Resp: 301489
Ion Ratio Lower Upper
168 100
99 64.7 41.7 62.5#



#3
Chloromethane
Concen: 2.298 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.024 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Tgt Ion: 50 Resp: 6304
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

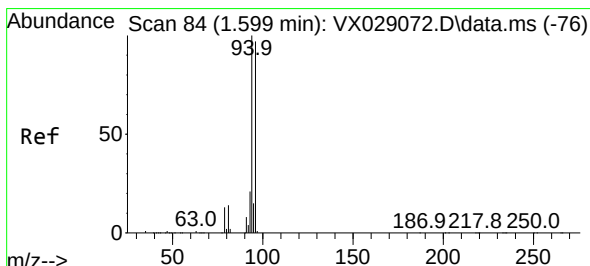
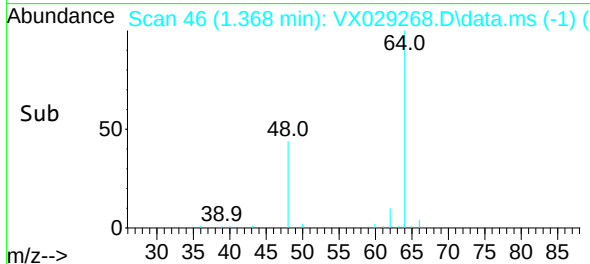
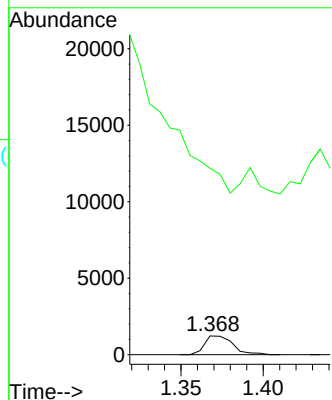
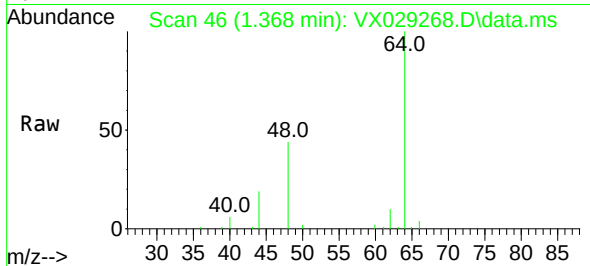




#4
 Vinyl Chloride
 Concen: 0.487 ug/l
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

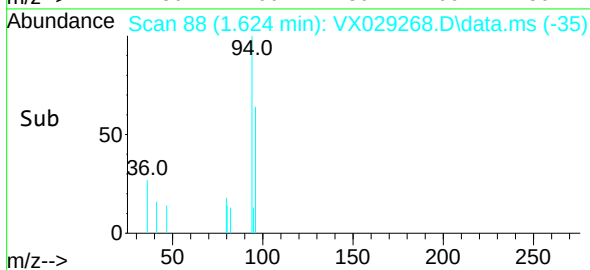
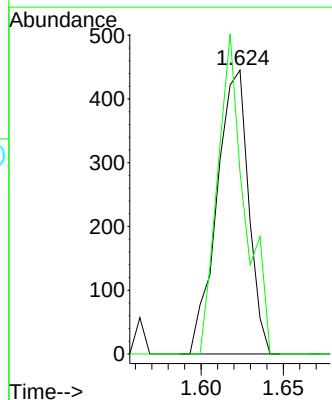
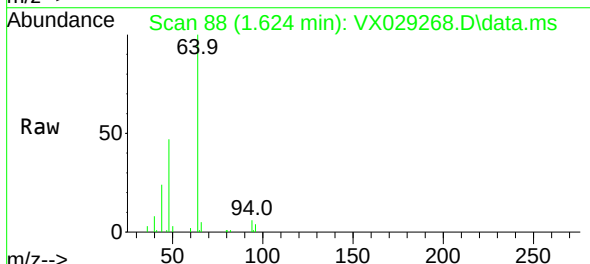
Instrument :
 MSVOA_X
 ClientSampleId :
 33BR-20220601

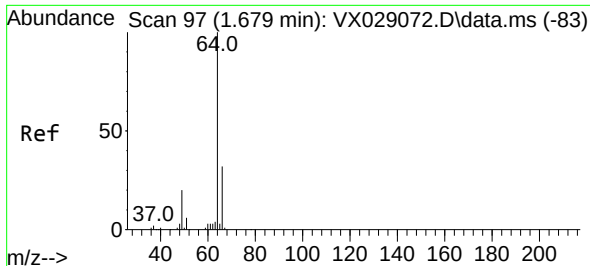
Tgt Ion: 62 Resp: 1470
 Ion Ratio Lower Upper
 62 100
 64 137.6 25.5 38.3#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

Tgt Ion: 94 Resp: 598
 Ion Ratio Lower Upper
 94 100
 96 64.0 75.3 112.9#

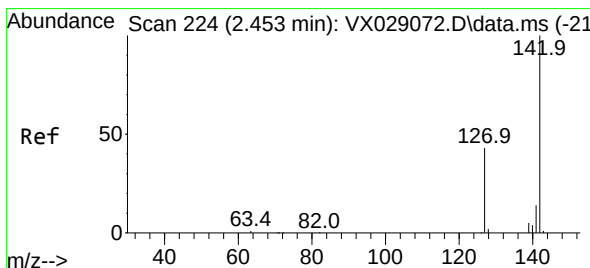
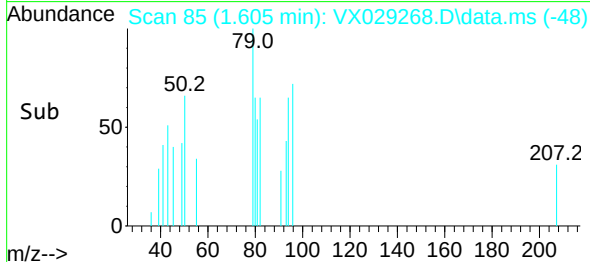
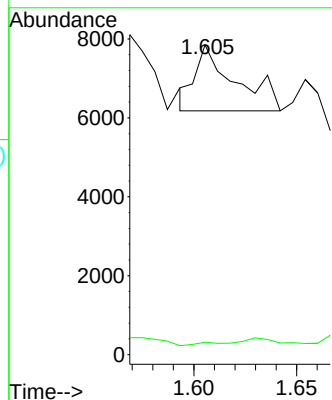
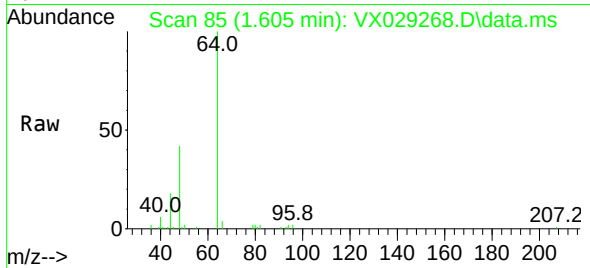




#6
Chloroethane
Concen: 2.226 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.074 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

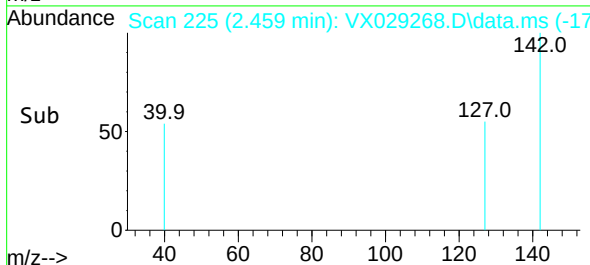
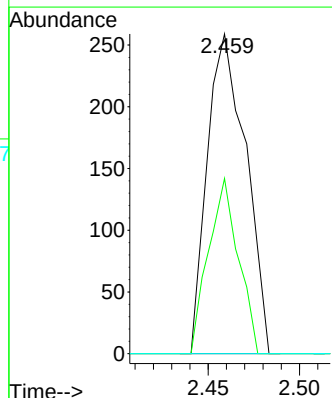
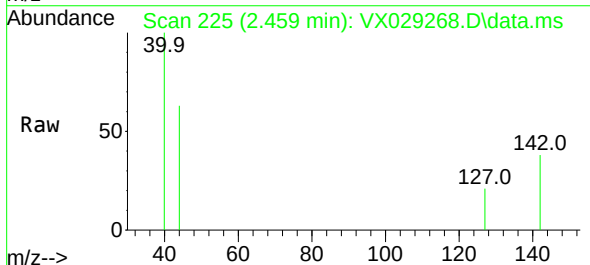
Instrument :
MSVOA_X
ClientSampleId :
33BR-20220601

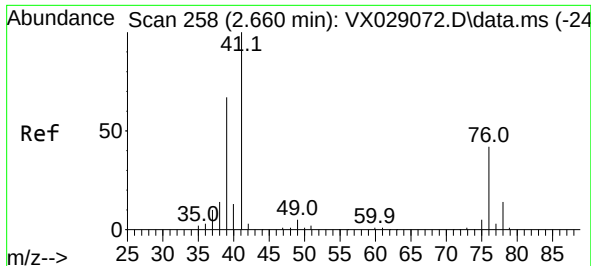
Tgt Ion: 64 Resp: 2237
Ion Ratio Lower Upper
64 100
66 5.3 25.3 37.9#



#10
Methyl Iodide
Concen: 4.329 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Tgt Ion: 142 Resp: 379
Ion Ratio Lower Upper
142 100
127 42.7 33.9 50.9
141 0.0 11.4 17.2#

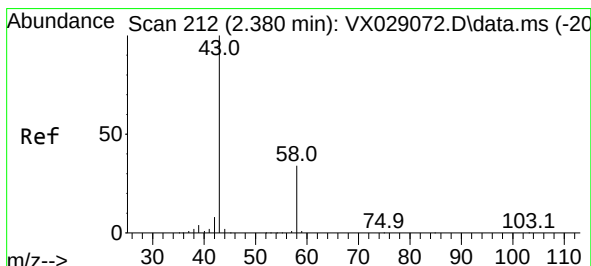
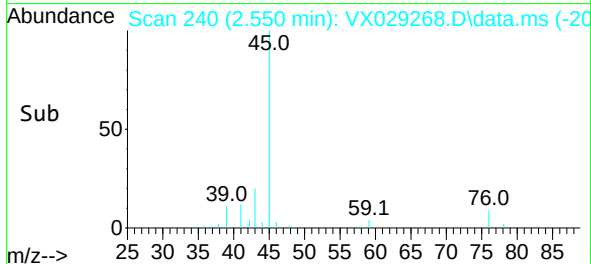
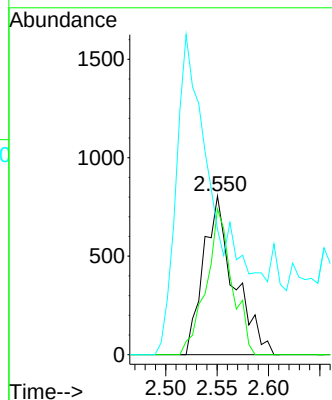
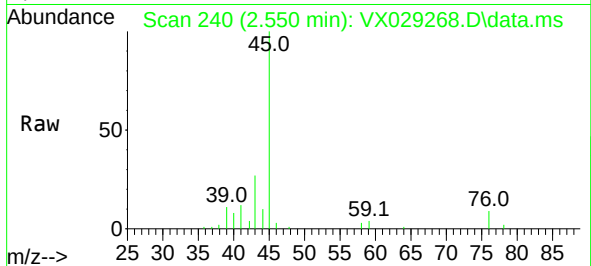




#14
 Allyl chloride
 Concen: 0.410 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.110 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

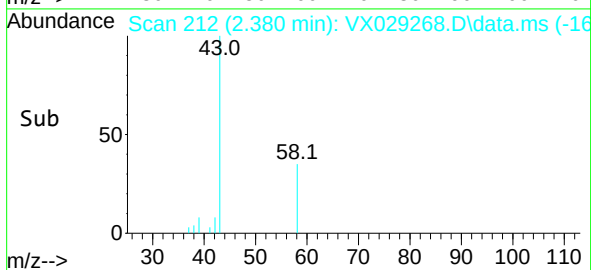
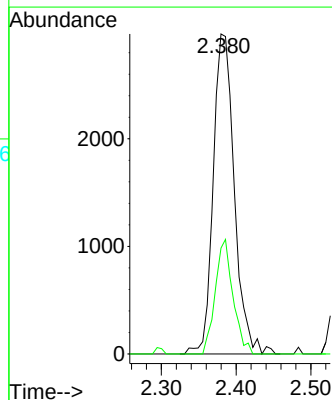
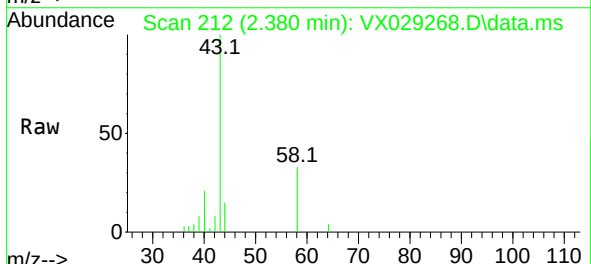
Instrument :
 MSVOA_X
 ClientSampleId :
 33BR-20220601

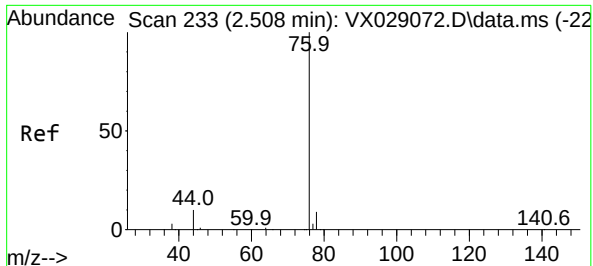
Tgt Ion: 41 Resp: 1673
 Ion Ratio Lower Upper
 41 100
 39 77.2 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 4.368 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

Tgt Ion: 43 Resp: 5848
 Ion Ratio Lower Upper
 43 100
 58 33.1 28.8 43.2

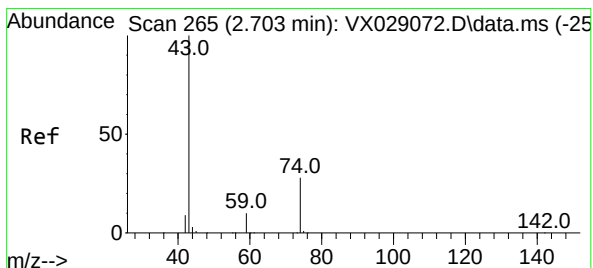
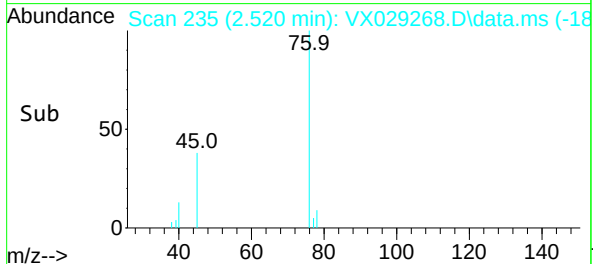
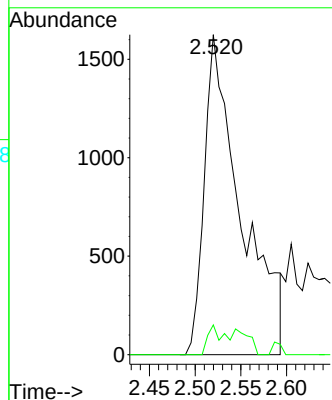
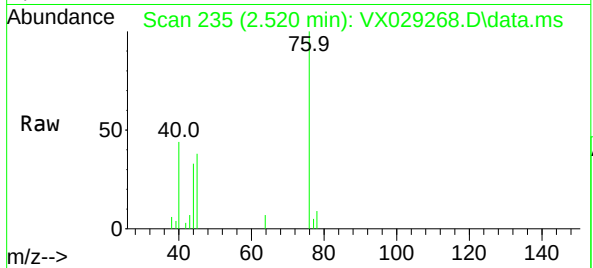




#17
Carbon Disulfide
Concen: 0.609 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

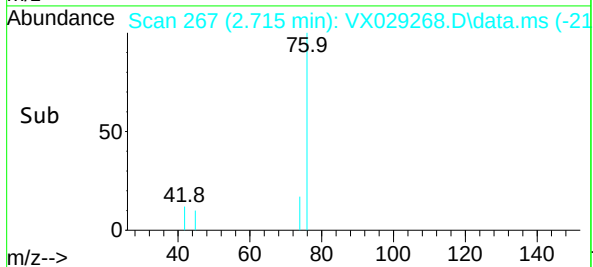
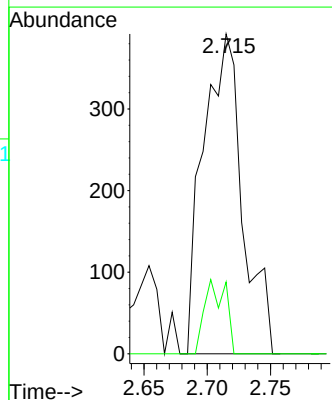
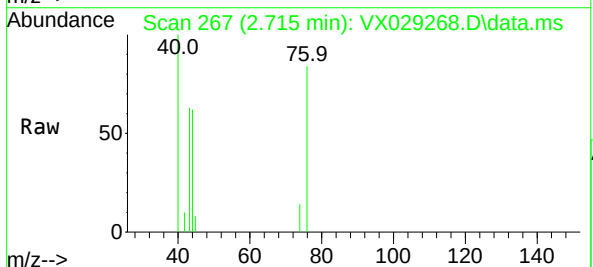
Instrument :
MSVOA_X
ClientSampleId :
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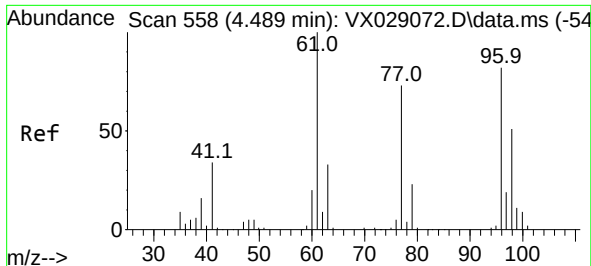
Tgt Ion: 76 Resp: 4540
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
74 12.4 22.8 34.2#





#27

cis-1,2-Dichloroethene

Concen: 1.338 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029268.D

Acq: 07 Jun 2022 03:58

Instrument :

MSVOA_X

ClientSampleId :

33BR-20220601

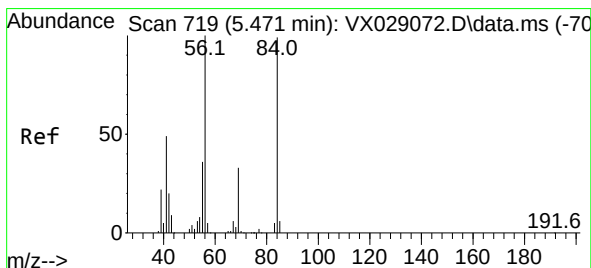
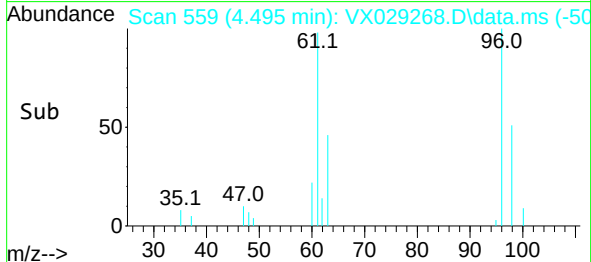
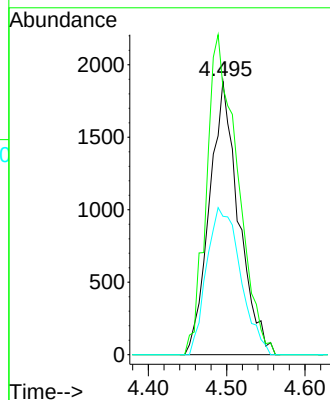
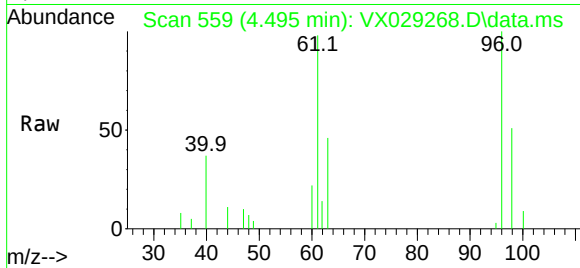
Tgt Ion: 96 Resp: 4893

Ion Ratio Lower Upper

96 100

61 124.8 0.0 283.8

98 62.4 0.0 129.8



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX029268.D

Acq: 07 Jun 2022 03:58

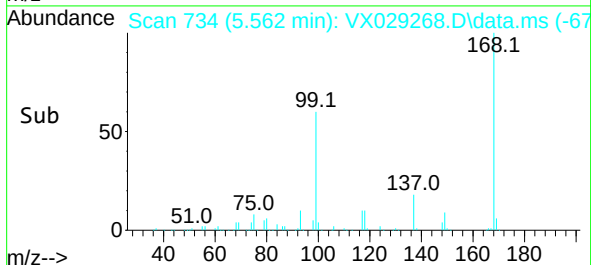
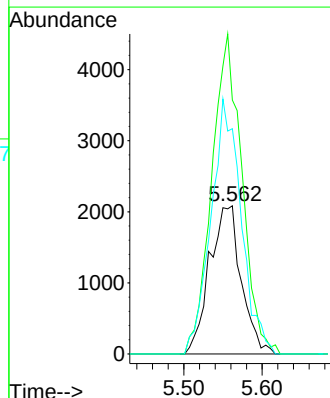
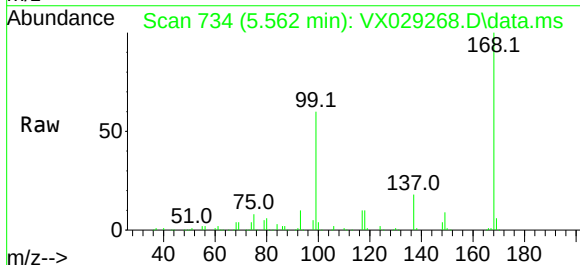
Tgt Ion: 56 Resp: 5865

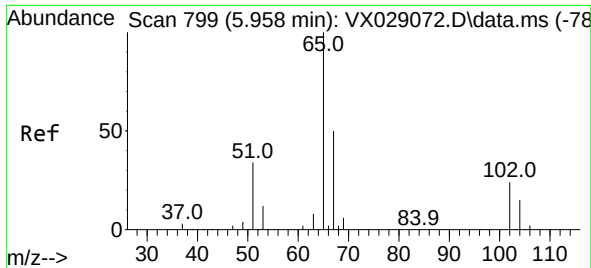
Ion Ratio Lower Upper

56 100

69 171.3 26.7 40.1#

84 152.0 77.2 115.8#

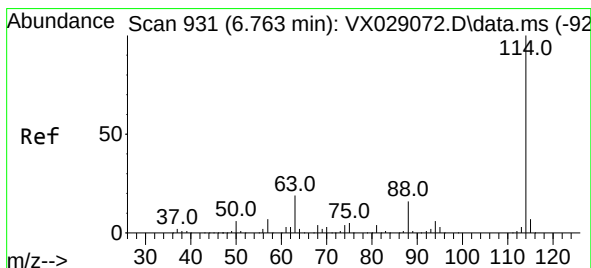
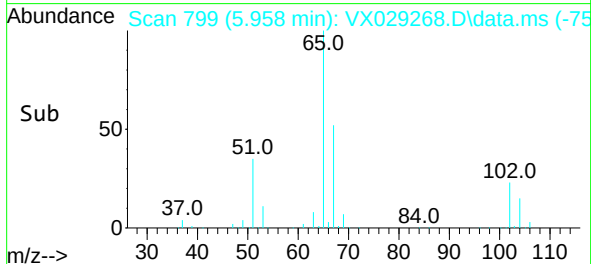
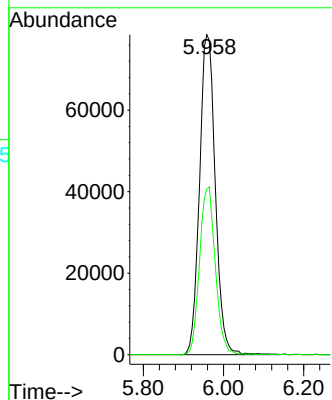
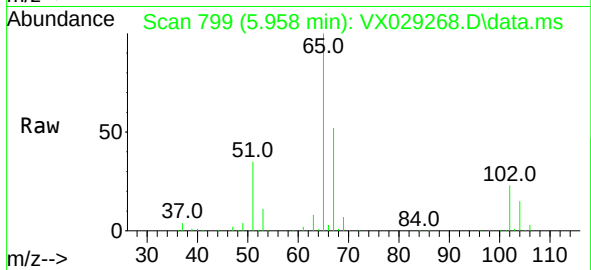




#33
 1,2-Dichloroethane-d4
 Concen: 63.116 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

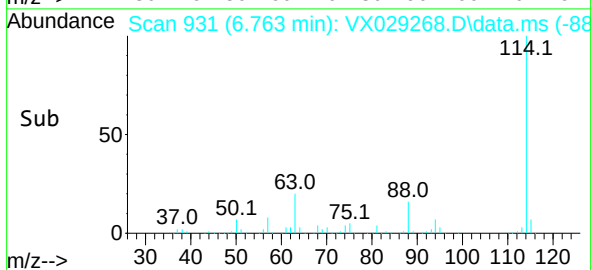
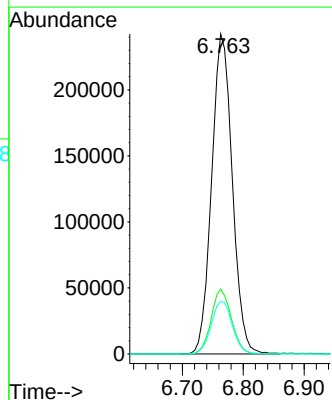
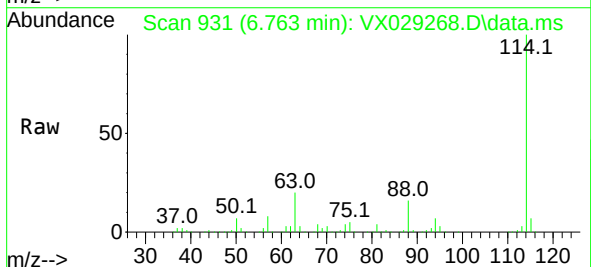
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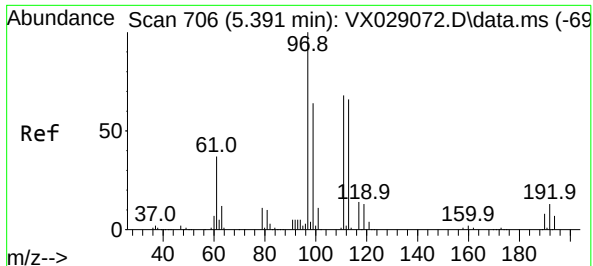
Tgt Ion: 65 Resp: 214576
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

Tgt Ion: 114 Resp: 570054
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.8
 88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029268.D

Acq: 07 Jun 2022 03:58

Instrument :

MSVOA_X

ClientSampleId :

33BR-20220601

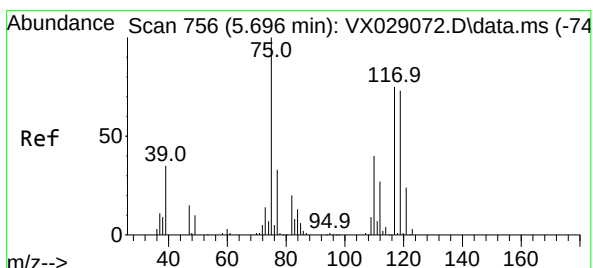
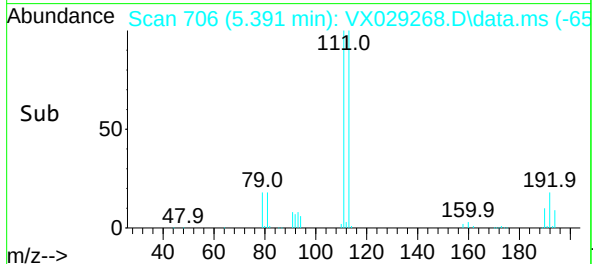
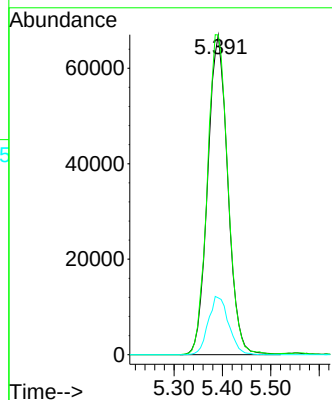
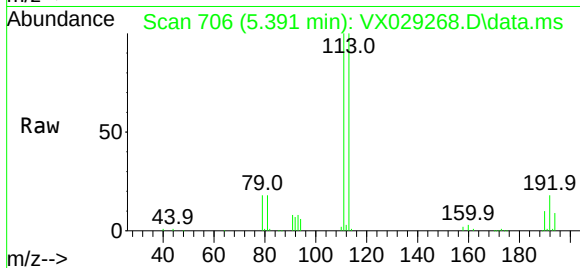
Tgt Ion:113 Resp: 193291

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029268.D

Acq: 07 Jun 2022 03:58

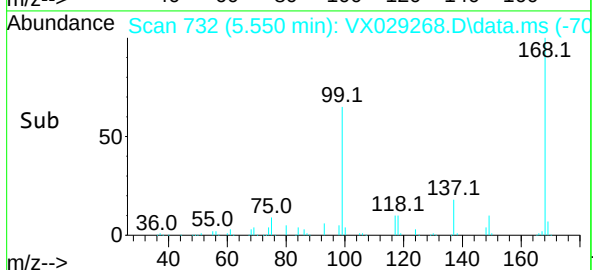
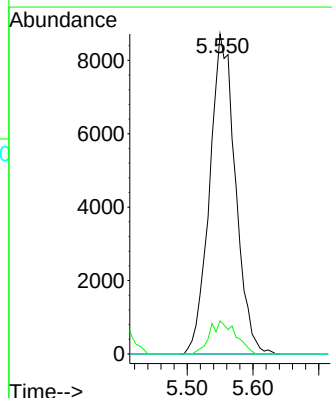
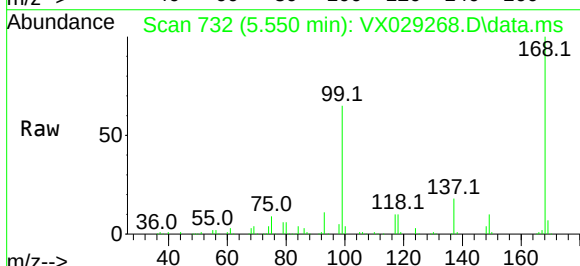
Tgt Ion: 75 Resp: 23793

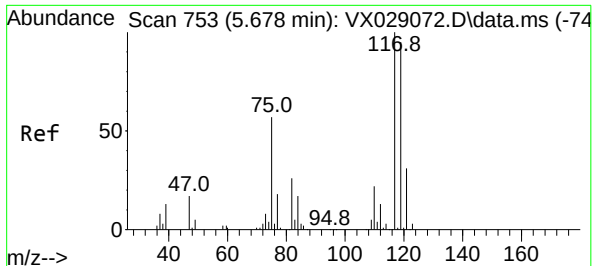
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

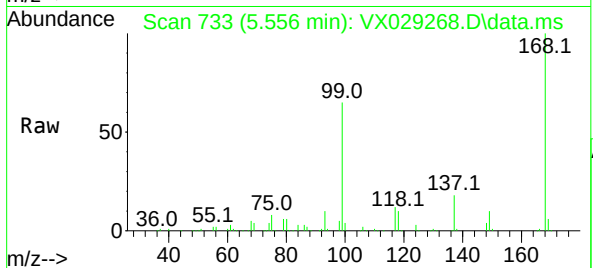
77 0.0 24.8 37.2#



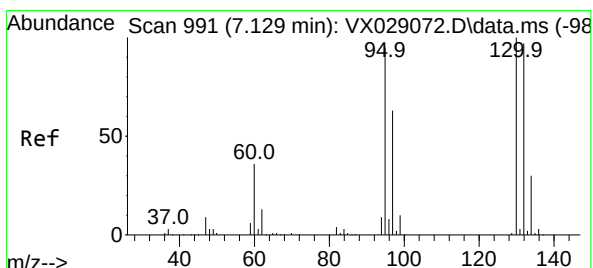
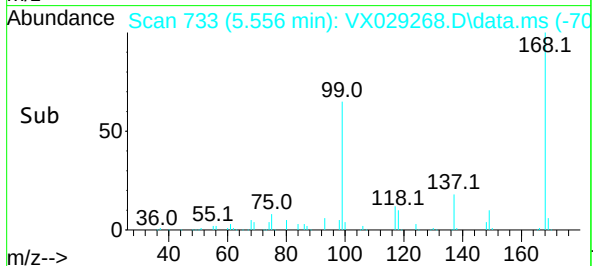
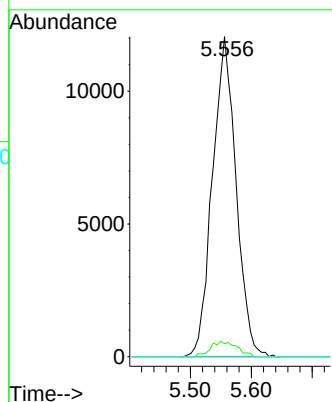


#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Instrument :
MSVOA_X
ClientSampleId :
33BR-20220601

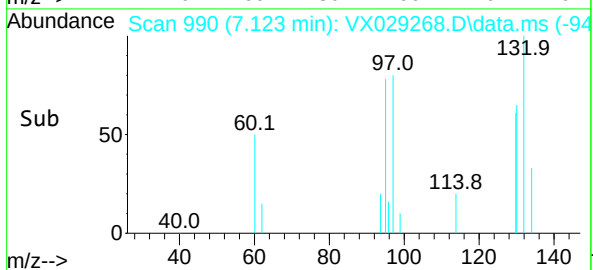
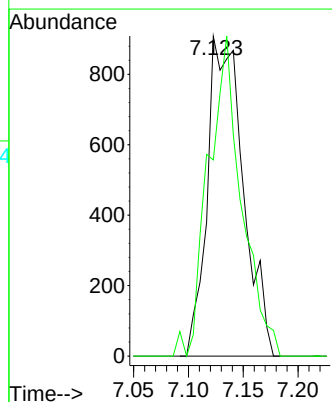
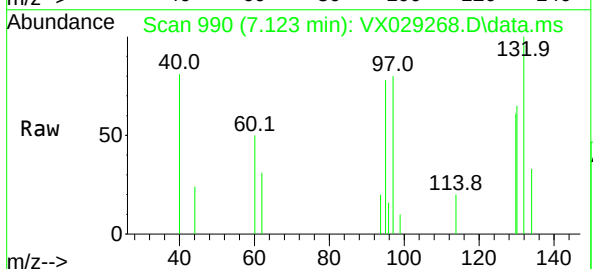


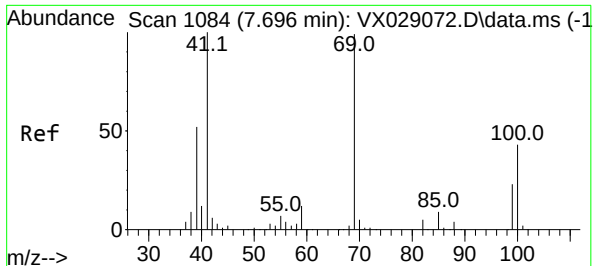
Tgt Ion:117 Resp: 32375
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Tgt Ion:130 Resp: 2063
Ion Ratio Lower Upper
130 100
95 61.3 0.0 188.8





#48

Methyl methacrylate

Concen: 0.201 ug/l

RT: 7.903 min Scan# 1118

Delta R.T. 0.207 min

Lab File: VX029268.D

Acq: 07 Jun 2022 03:58

Instrument :

MSVOA_X

ClientSampleId :

33BR-20220601

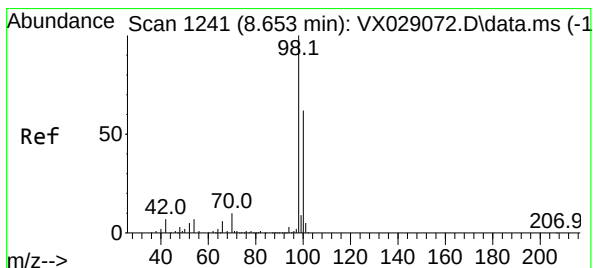
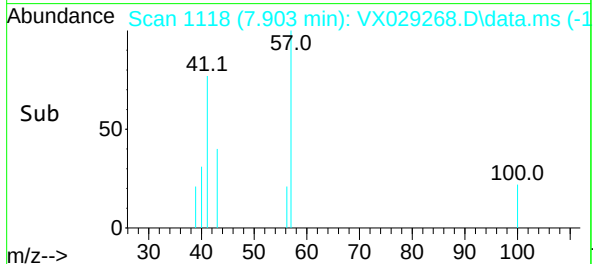
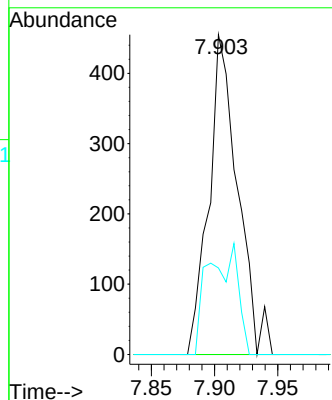
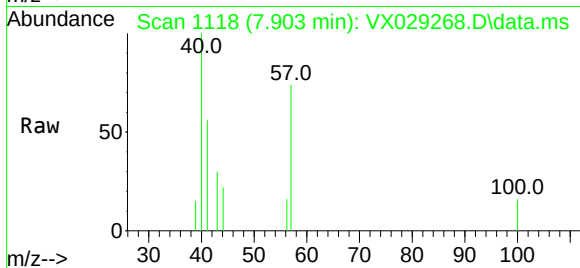
Tgt Ion: 41 Resp: 722

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 35.3 43.8 65.8#



#50

Toluene-d8

Concen: 49.375 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029268.D

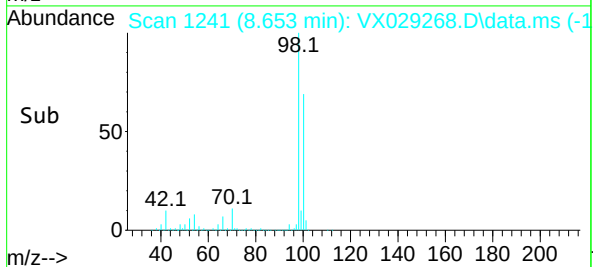
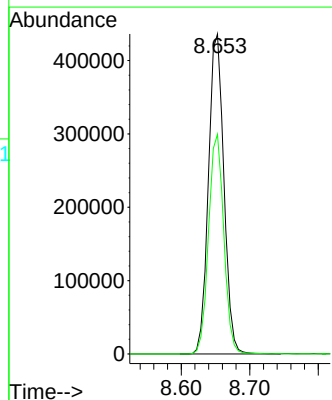
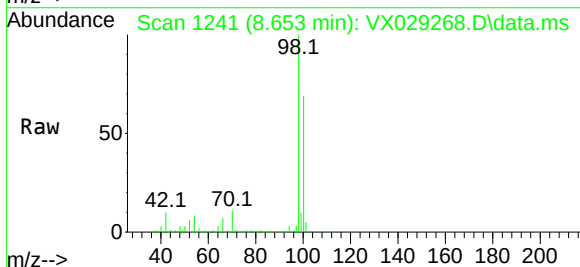
Acq: 07 Jun 2022 03:58

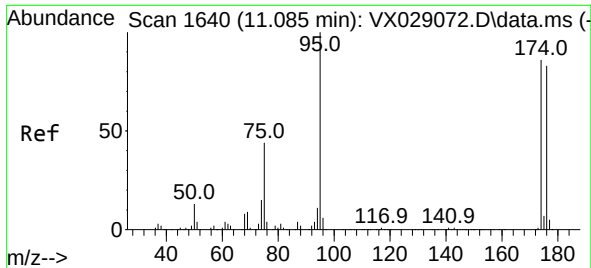
Tgt Ion: 98 Resp: 683775

Ion Ratio Lower Upper

98 100

100 67.7 52.6 78.8

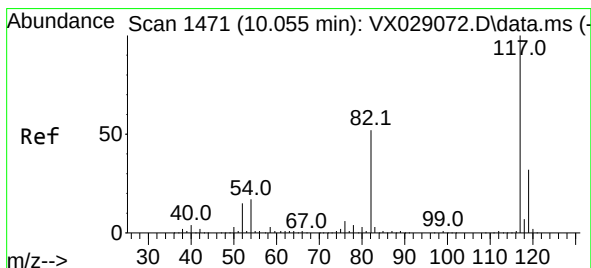
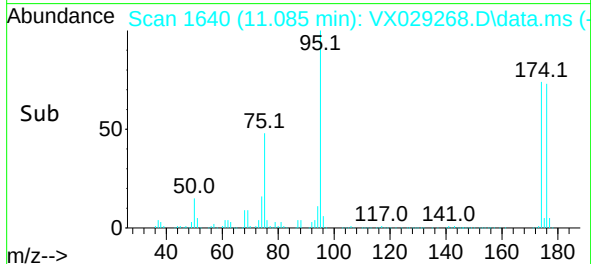
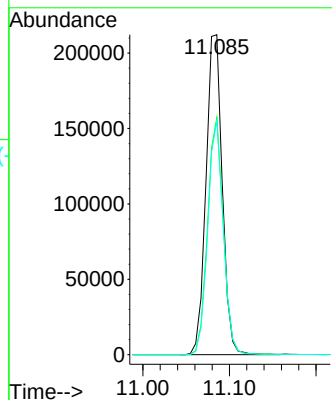
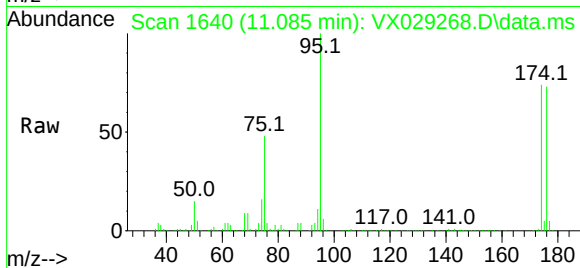




#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

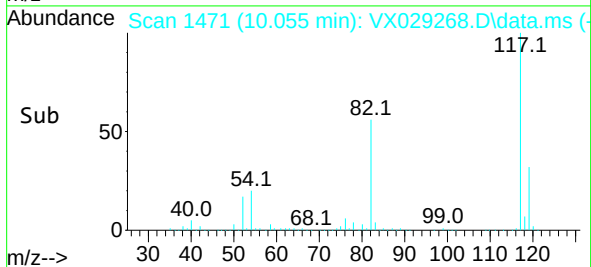
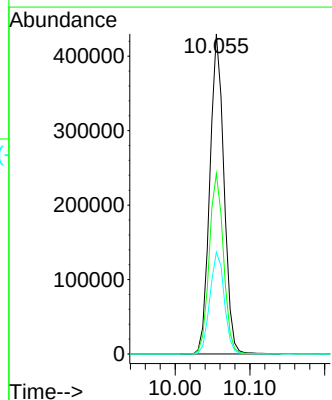
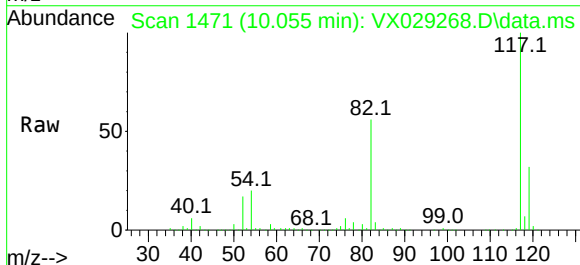
Instrument :
MSVOA_X
ClientSampleId :
33BR-20220601

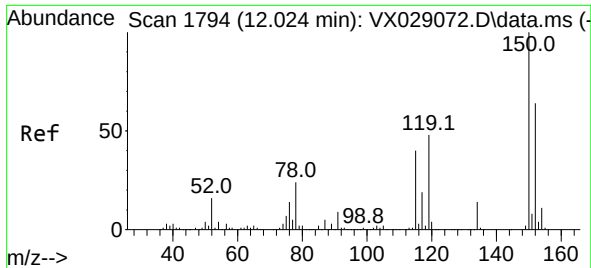
Tgt Ion: 95 Resp: 277218
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 69.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029268.D
Acq: 07 Jun 2022 03:58

Tgt Ion: 117 Resp: 563280
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.8 24.8 37.2

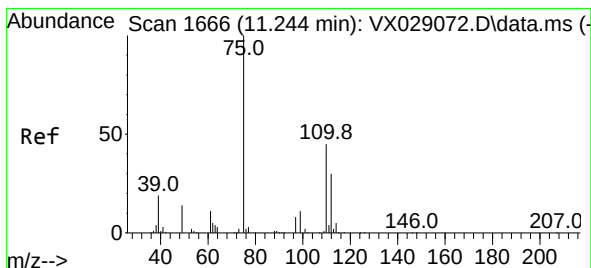
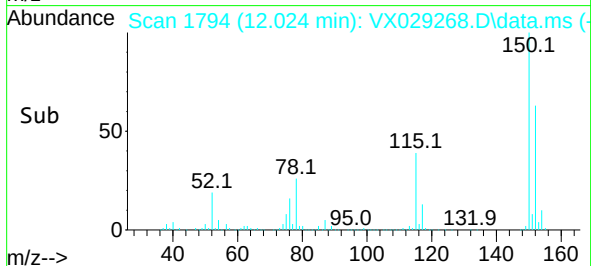
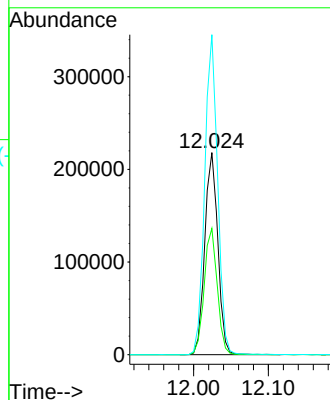
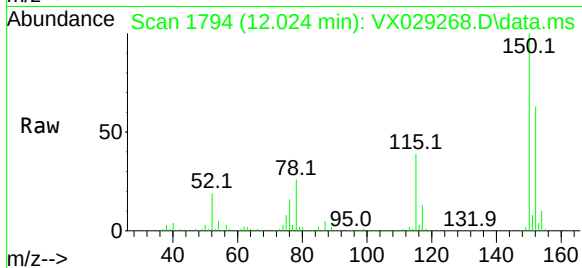




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

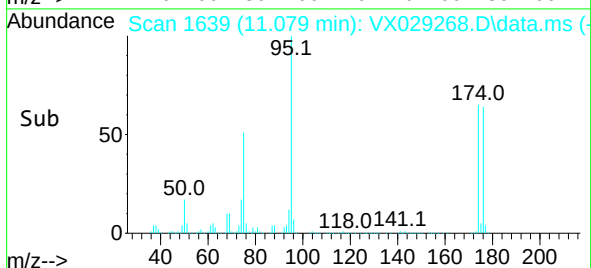
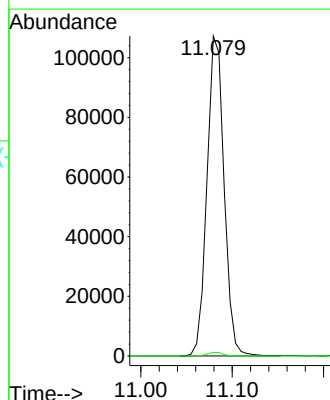
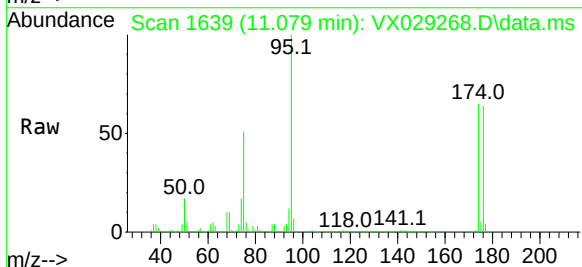
Instrument :
 MSVOA_X
 ClientSampleId :
 33BR-20220601

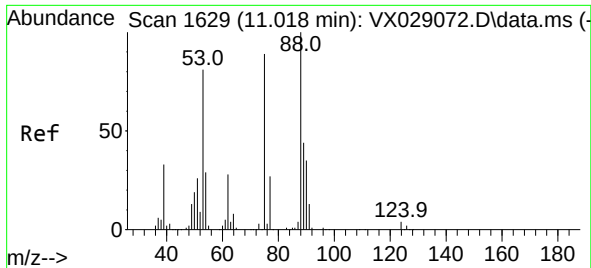
Tgt Ion:152 Resp: 264939
 Ion Ratio Lower Upper
 152 100
 115 62.5 37.5 112.7
 150 156.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.893 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

Tgt Ion: 75 Resp: 139067
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.966 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX029268.D
 Acq: 07 Jun 2022 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 33BR-20220601

Tgt Ion: 75 Resp: 139067
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

