

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029896.D
 Acq On : 30 Jun 2022 06:00
 Operator : JC/MD
 Sample : N3481-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Jun 30 06:29:27 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)

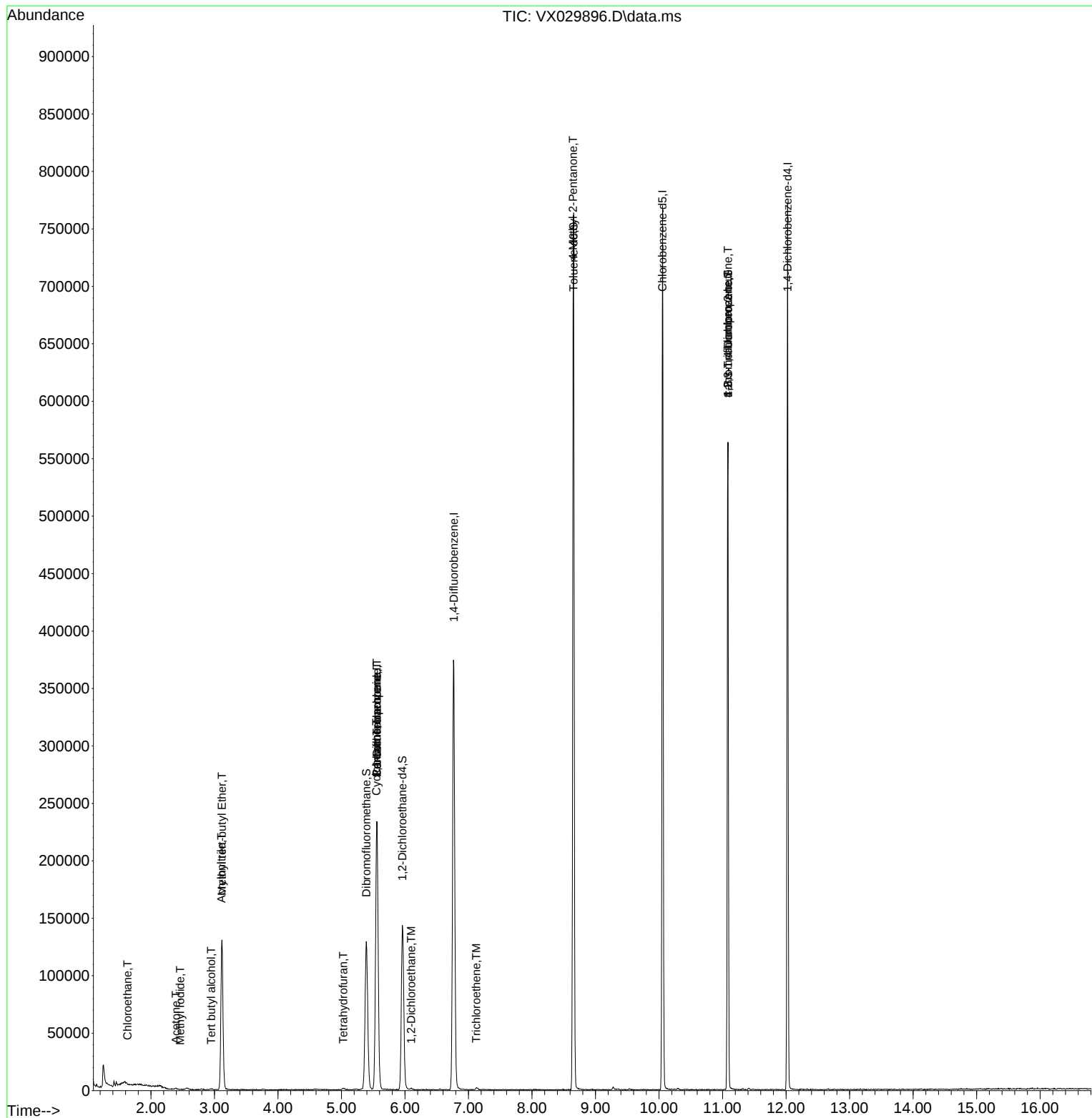
Internal Standards						
1) Pentafluorobenzene	5.555	168	231388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	400966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128730	43.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.900%
35) Dibromofluoromethane	5.391	113	116264	46.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.652	98	455923	48.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.085	95	155274	46.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.460%
Target Compounds						
					Qvalue	
6) Chloroethane	1.629	64	446	1.266	ug/l #	41
10) Methyl Iodide	2.458	142	59	1.891	ug/l #	45
11) Tert butyl alcohol	2.946	59	813	1.061	ug/l #	74
13) Acrolein	2.330	56	48	Below Cal		93
15) Acrylonitrile	3.111	53	1669	0.933	ug/l #	25
16) Acetone	2.391	43	1114	0.777	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	145202	18.048	ug/l	100
29) Tetrahydrofuran	5.025	42	619	0.378	ug/l #	78
31) Cyclohexane	5.549	56	4801	1.176	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	17226	5.169	ug/l #	44
38) Carbon Tetrachloride	5.555	117	23169	8.023	ug/l #	17
42) 1,2-Dichloroethane	6.098	62	1094	0.331	ug/l	84
44) Trichloroethene	7.122	130	654	0.225	ug/l	53
51) 4-Methyl-2-Pentanone	8.646	43	2289	0.506	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	74126	20.698	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74126	65.731	ug/l #	13

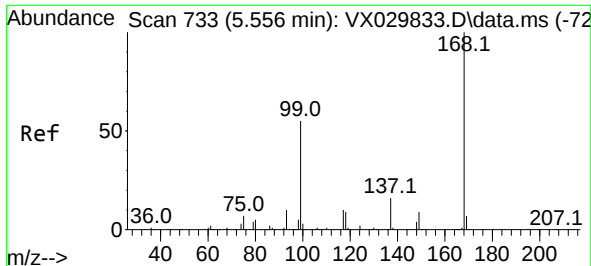
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
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MSVOA_X
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MW-26

Quant Time: Jun 30 06:29:27 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

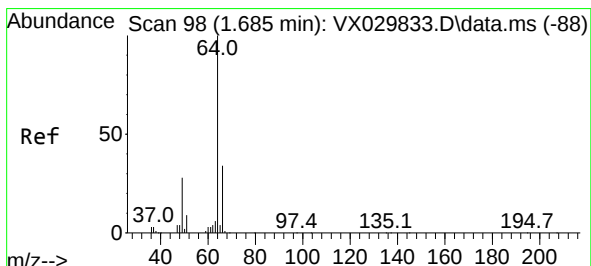
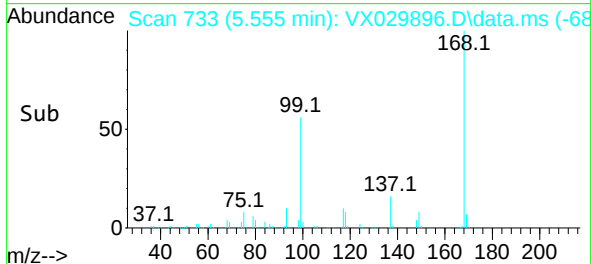
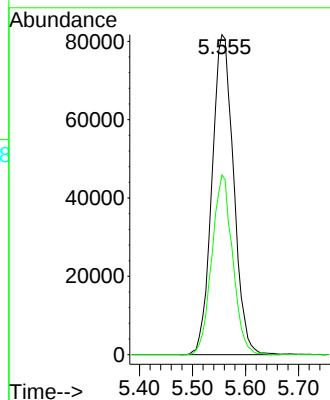
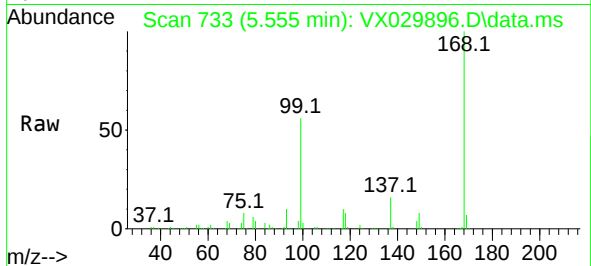




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

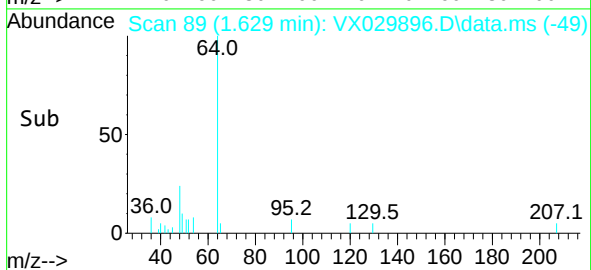
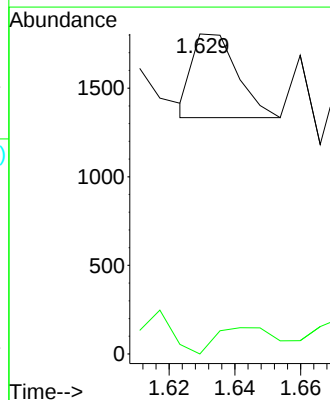
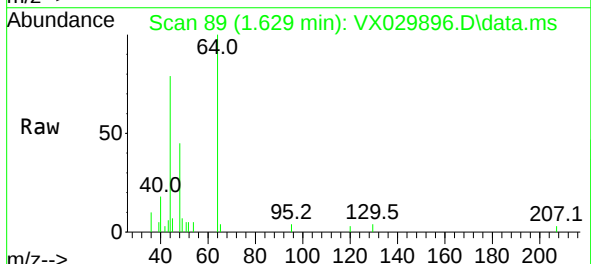
Instrument :
MSVOA_X
ClientSampleId :
MW-26

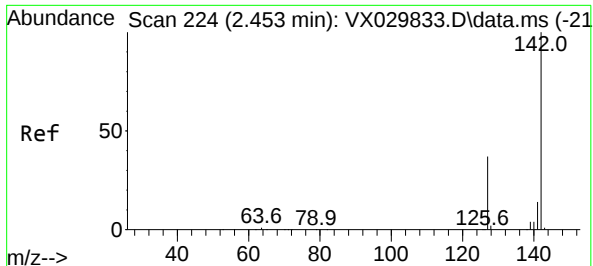
Tgt Ion:168 Resp: 231388
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#6
Chloroethane
Concen: 1.266 ug/l
RT: 1.629 min Scan# 89
Delta R.T. -0.056 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

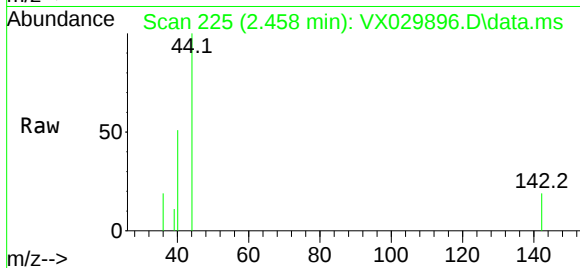
Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



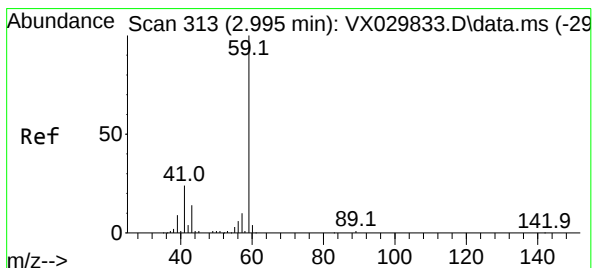
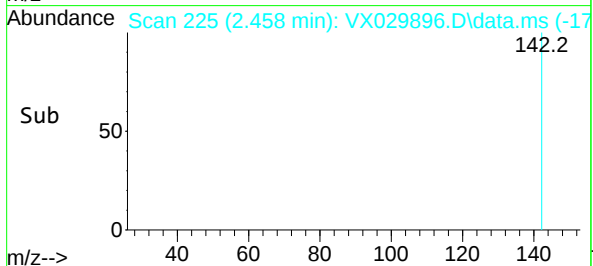
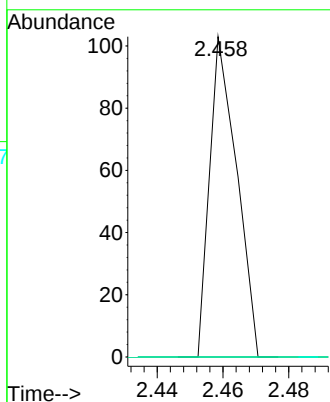


#10
Methyl Iodide
Concen: 1.891 ug/l
RT: 2.458 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-26

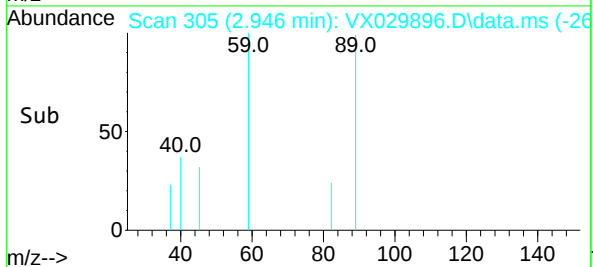
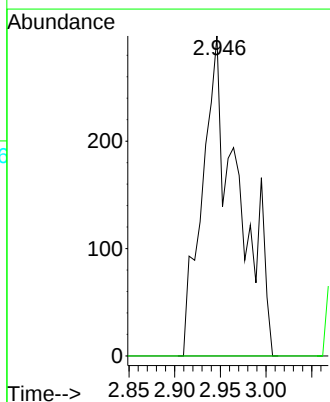
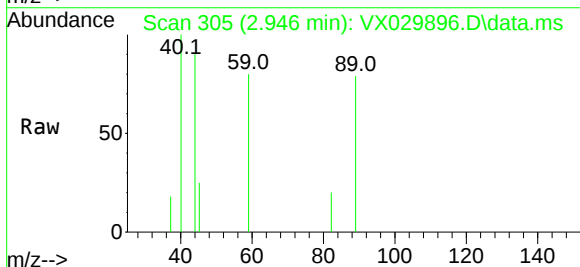


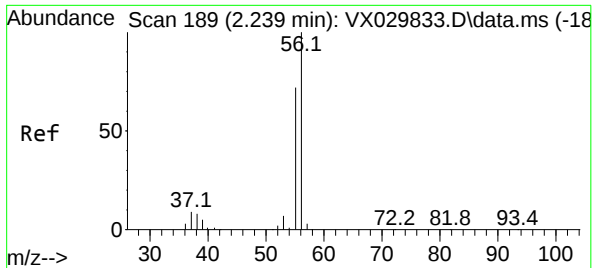
Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.061 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 59 Resp: 813
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

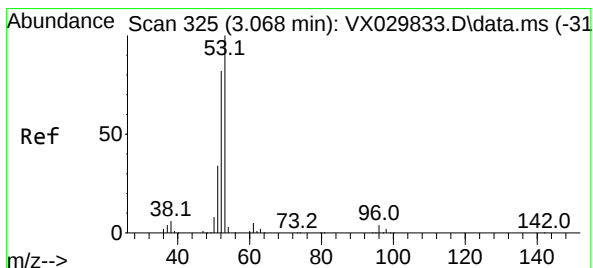
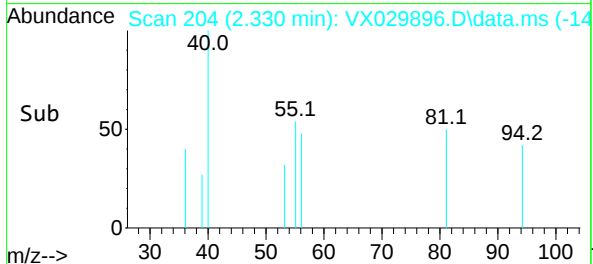
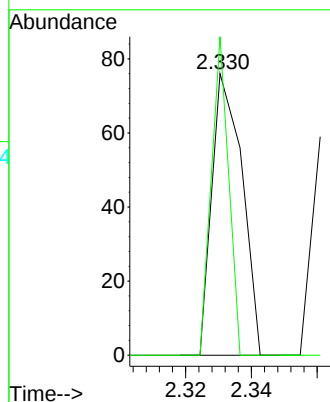
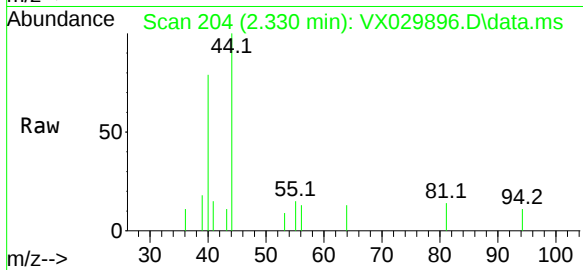




#13
Acrolein
Concen: Below Cal
RT: 2.330 min Scan# 20
Delta R.T. 0.091 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

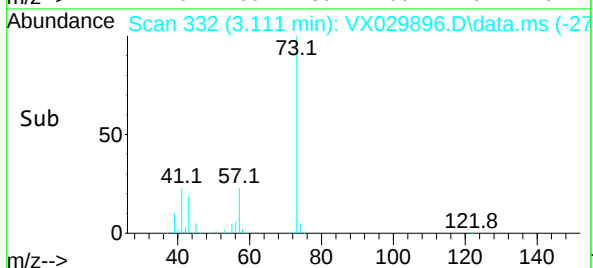
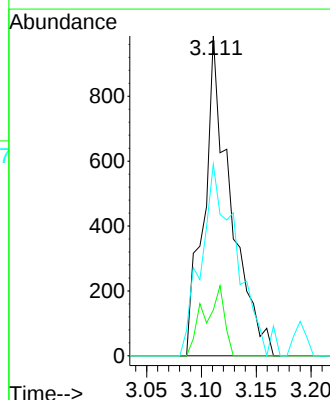
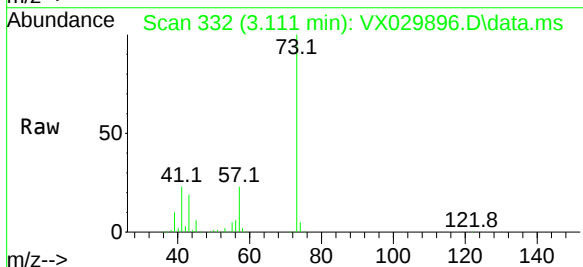
Instrument :
MSVOA_X
ClientSampleId :
MW-26

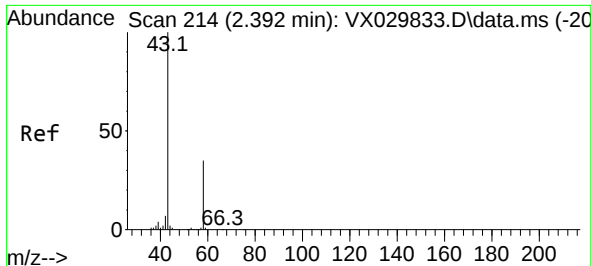
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 64.6 56.6 84.8



#15
Acrylonitrile
Concen: 0.933 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.042 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 53 Resp: 1669
Ion Ratio Lower Upper
53 100
52 16.5 65.4 98.0#
51 79.7 27.7 41.5#

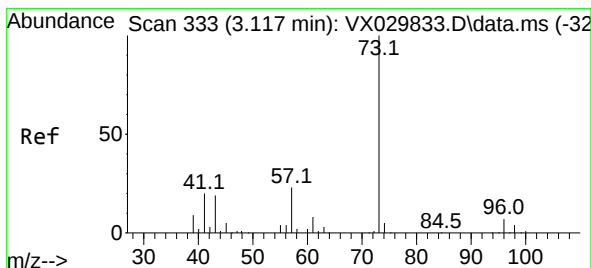
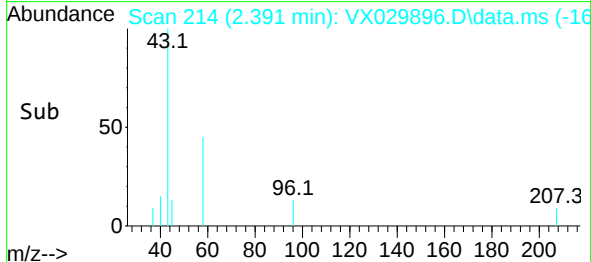
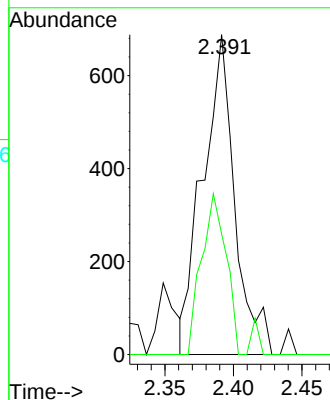
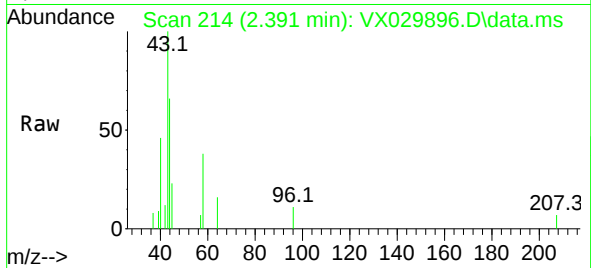




#16
Acetone
Concen: 0.777 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

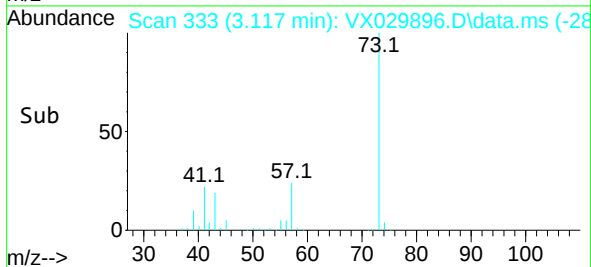
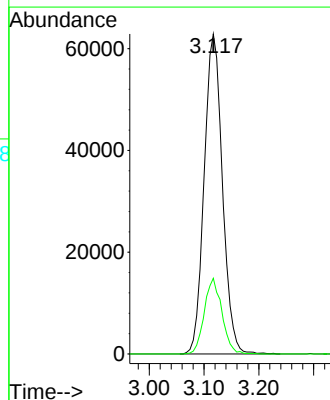
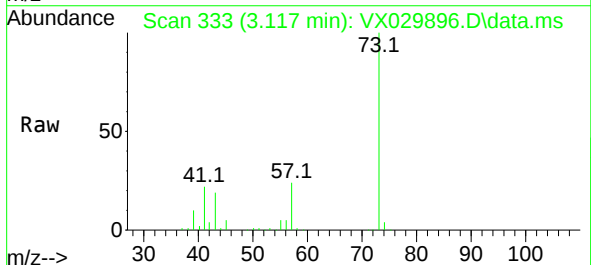
Instrument :
MSVOA_X
ClientSampleId :
MW-26

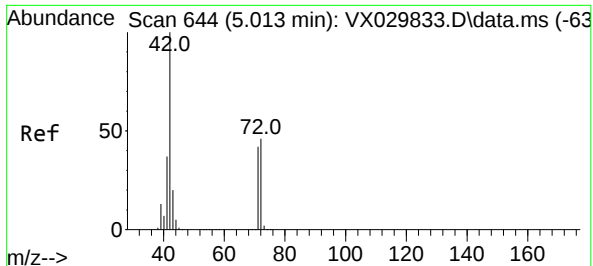
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 37.6 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 18.048 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 73 Resp: 145202
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6





#29

Tetrahydrofuran

Concen: 0.378 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

MW-26

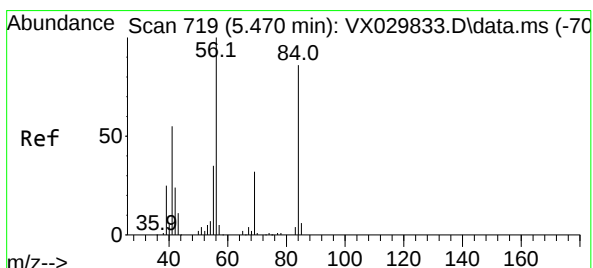
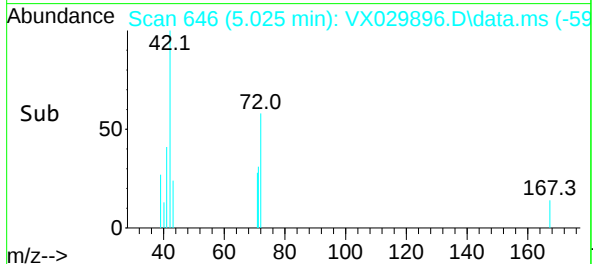
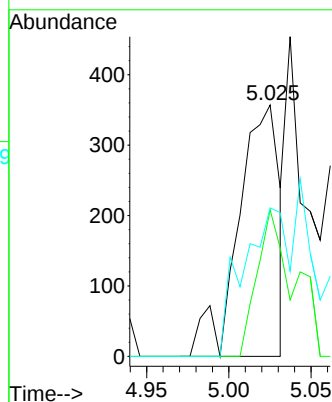
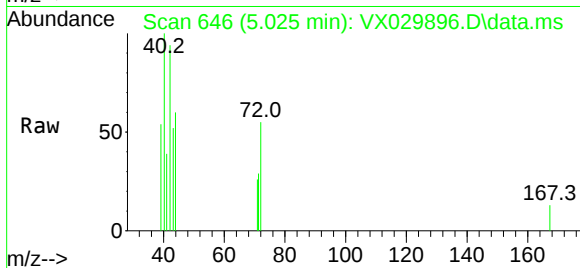
Tgt Ion: 42 Resp: 619

Ion Ratio Lower Upper

42 100

72 52.3 36.5 54.7

71 64.5 33.9 50.9#



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

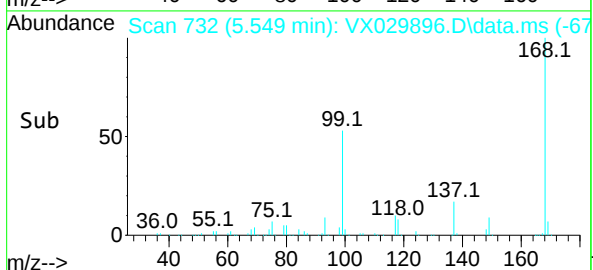
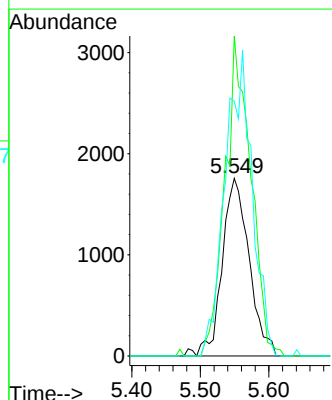
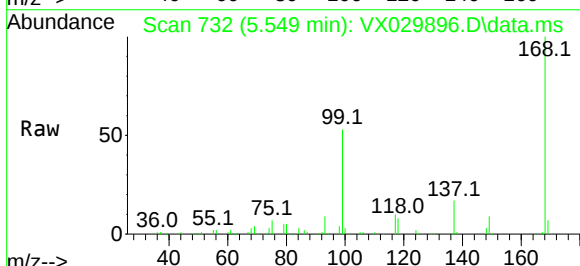
Tgt Ion: 56 Resp: 4801

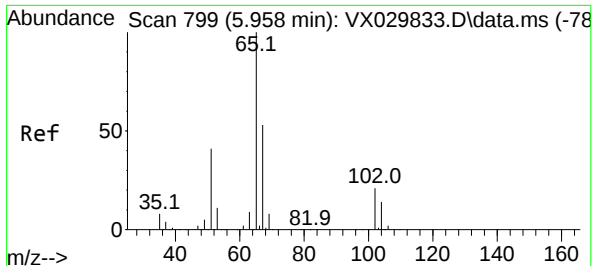
Ion Ratio Lower Upper

56 100

69 176.7 25.4 38.0#

84 143.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.950 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

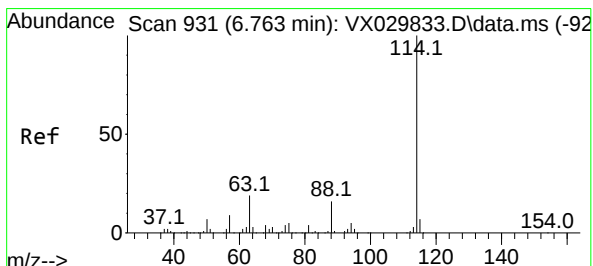
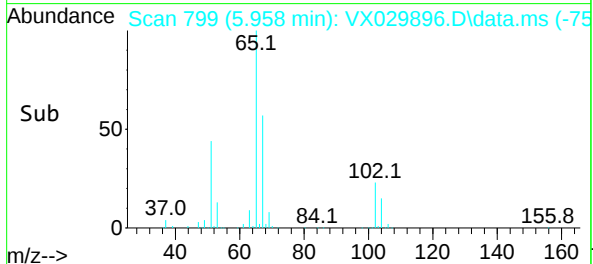
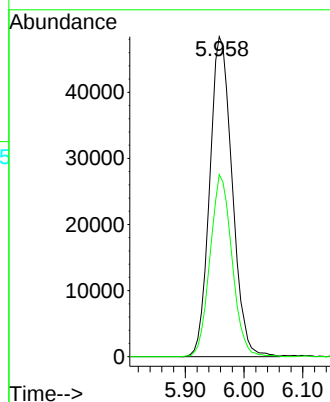
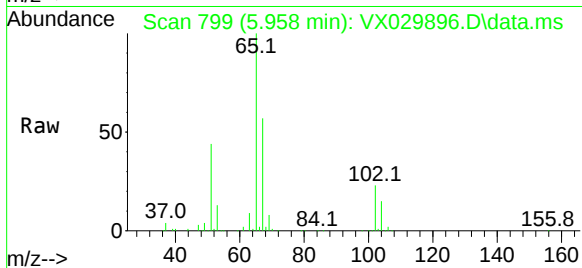
MW-26

Tgt Ion: 65 Resp: 128730

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

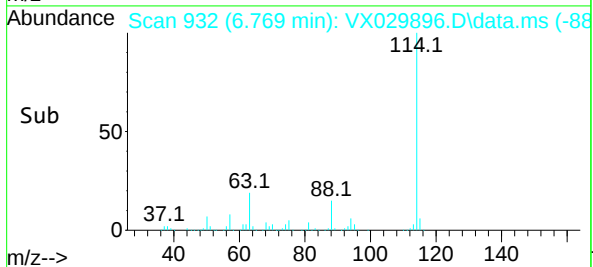
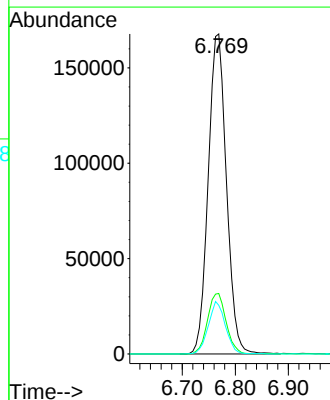
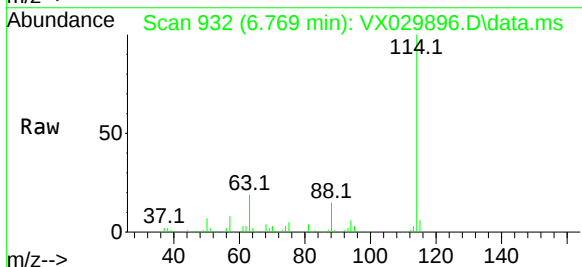
Tgt Ion: 114 Resp: 400966

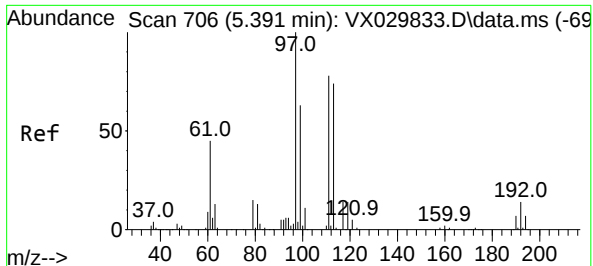
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.2 0.0 31.8



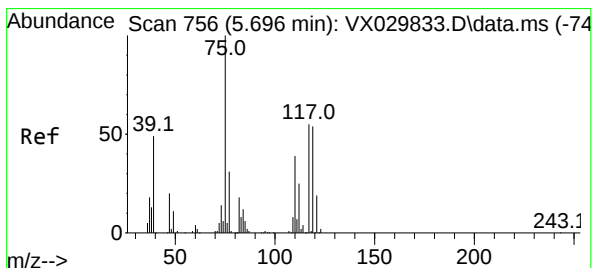
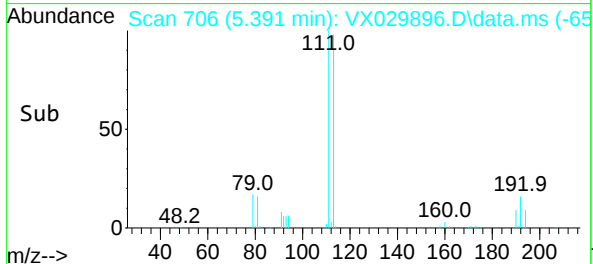
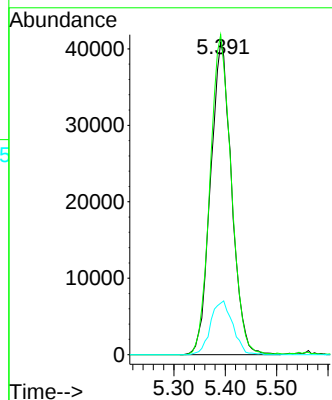
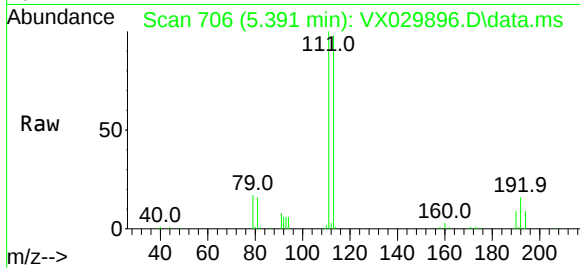


#35
 Dibromofluoromethane
 Concen: 46.397 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX029896.D
 Acq: 30 Jun 2022 06:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Tgt Ion:113 Resp: 116264

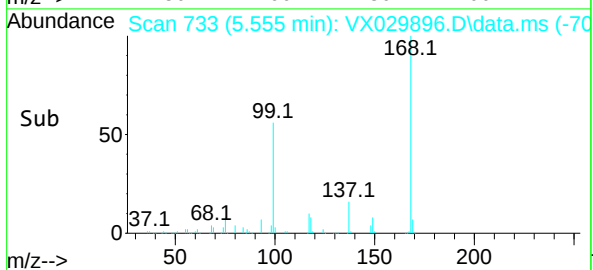
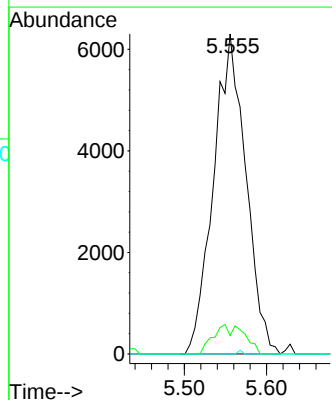
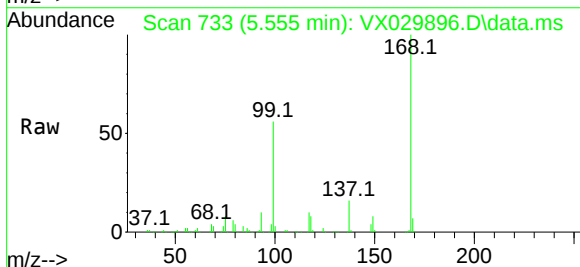
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.2	124.8
192	18.1	14.8	22.2

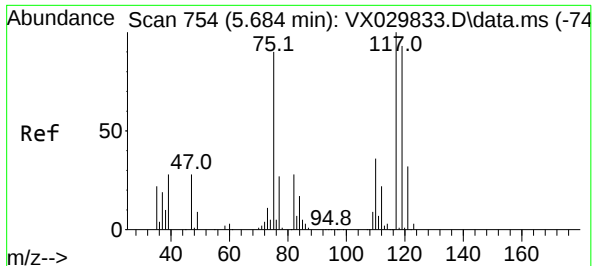


#36
 1,1-Dichloropropene
 Concen: 5.169 ug/l
 RT: 5.555 min Scan# 733
 Delta R.T. -0.141 min
 Lab File: VX029896.D
 Acq: 30 Jun 2022 06:00

Tgt Ion: 75 Resp: 17226

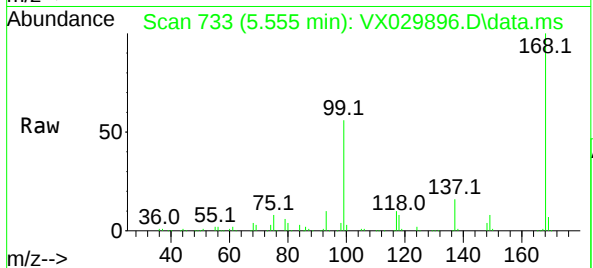
Ion	Ratio	Lower	Upper
75	100		
110	4.9	19.3	57.9#
77	0.2	24.4	36.6#



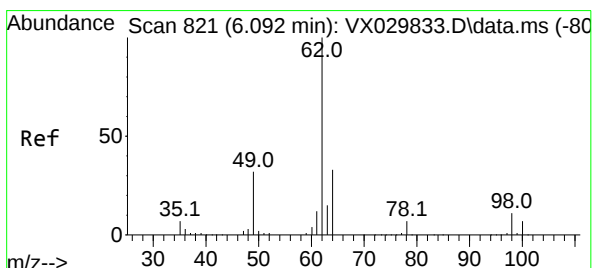
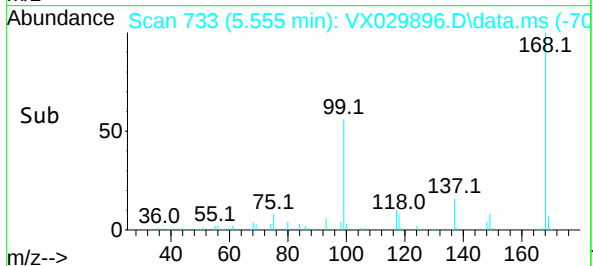
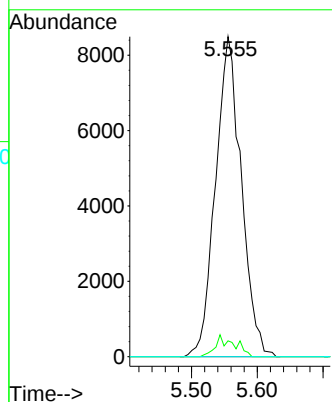


#38
Carbon Tetrachloride
Concen: 8.023 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW-26

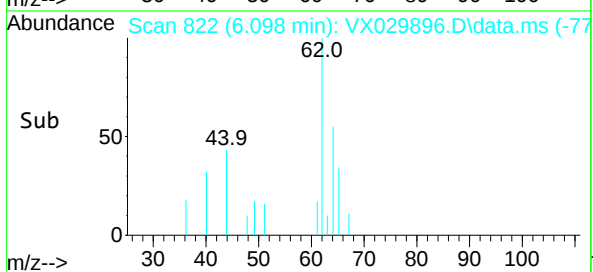
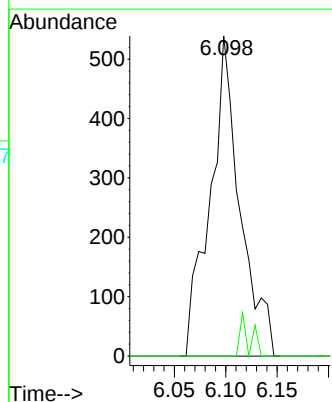
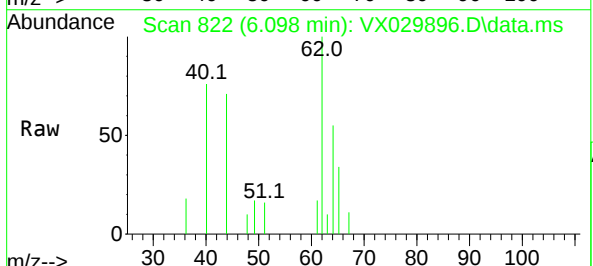


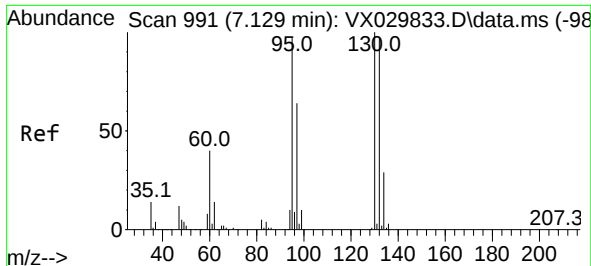
Tgt Ion:117 Resp: 23169
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#42
1,2-Dichloroethane
Concen: 0.331 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 62 Resp: 1094
Ion Ratio Lower Upper
62 100
98 4.2 0.0 20.2

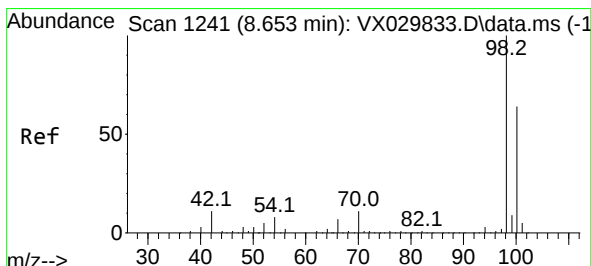
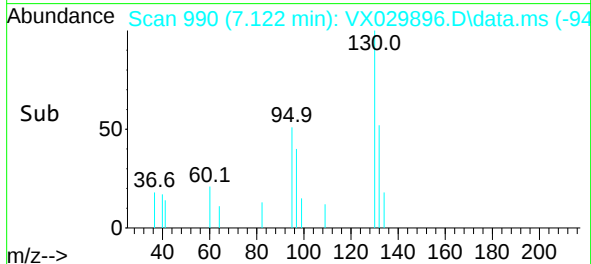
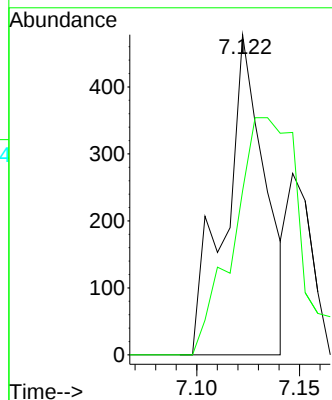
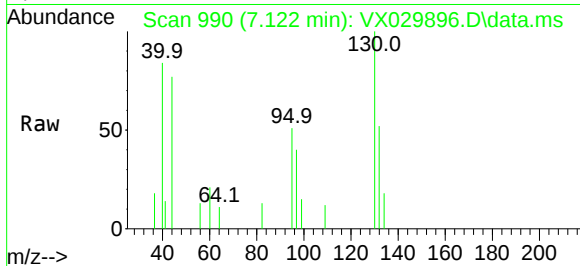




#44
Trichloroethene
Concen: 0.225 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

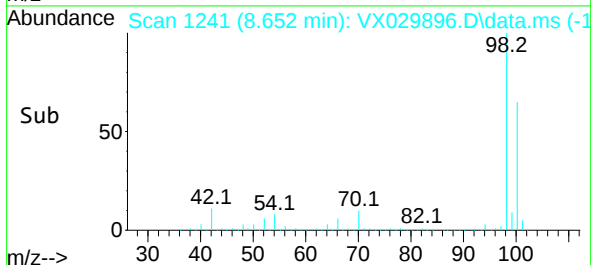
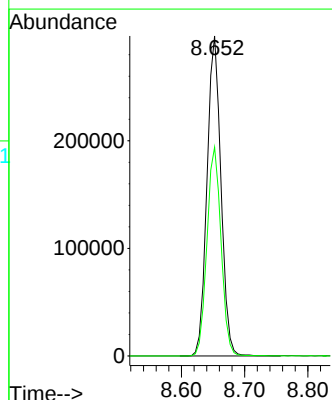
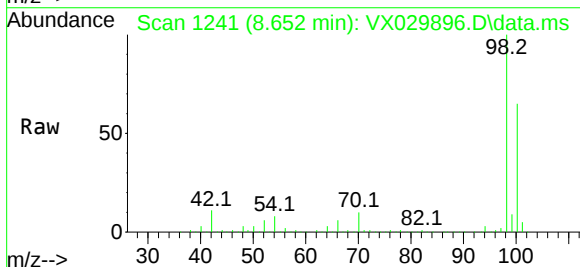
Instrument :
MSVOA_X
ClientSampleId :
MW-26

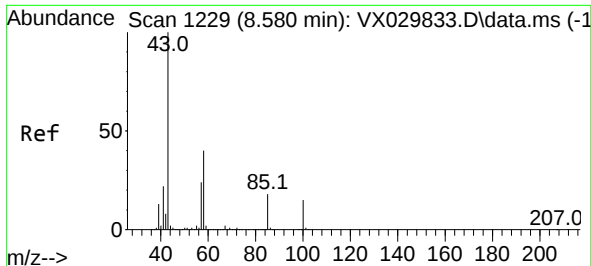
Tgt Ion:130 Resp: 654
Ion Ratio Lower Upper
130 100
95 51.3 0.0 194.8



#50
Toluene-d8
Concen: 48.500 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 98 Resp: 455923
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

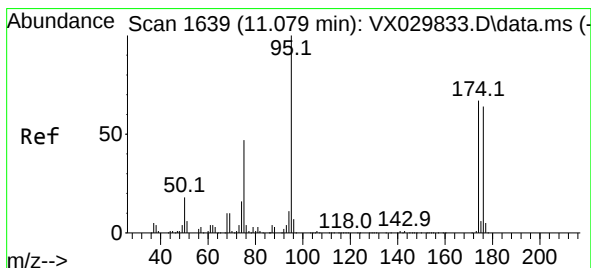
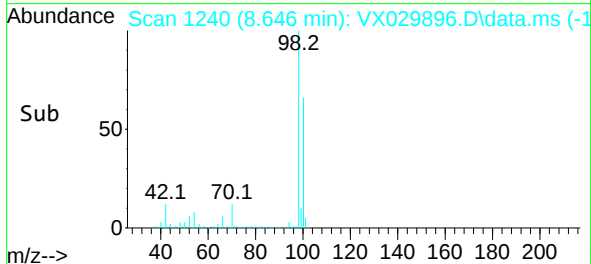
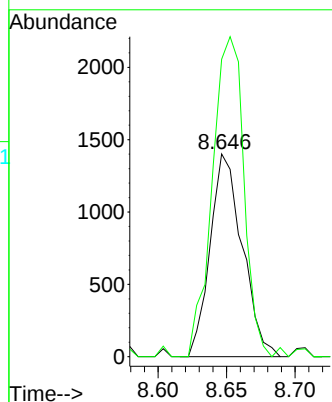
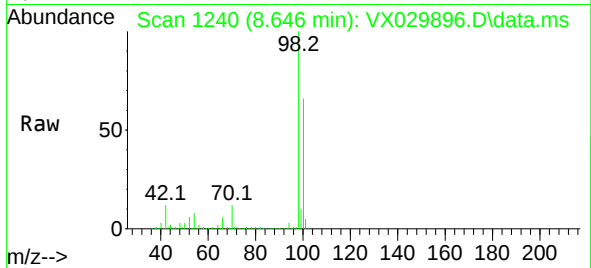




#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

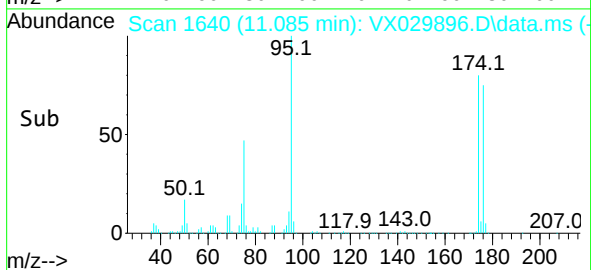
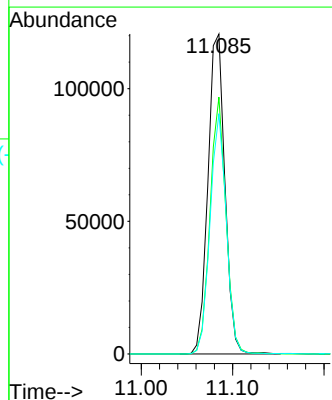
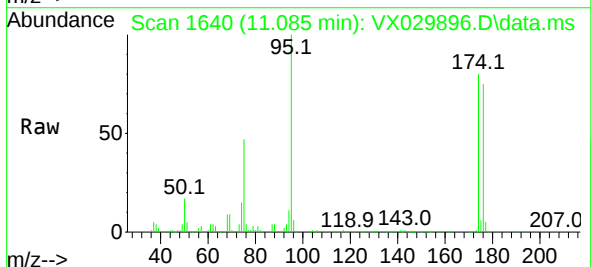
Instrument :
MSVOA_X
ClientSampleId :
MW-26

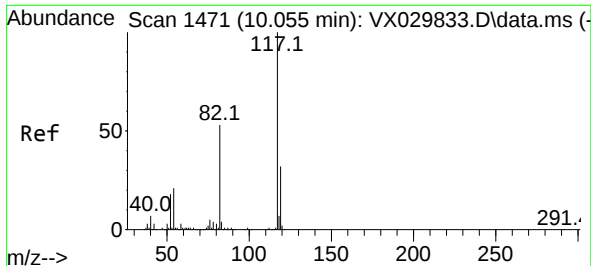
Tgt Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
58 154.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion: 95 Resp: 155274
Ion Ratio Lower Upper
95 100
174 75.4 0.0 149.0
176 71.7 0.0 146.0

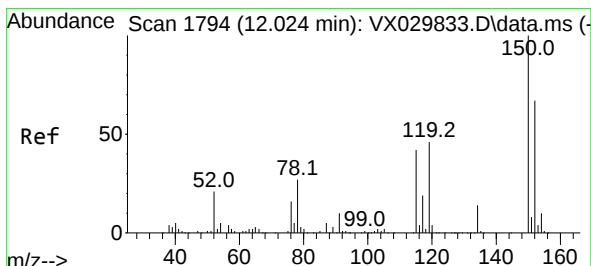
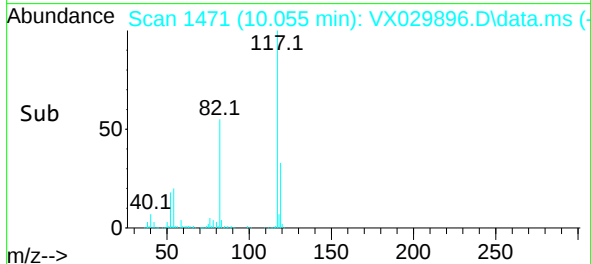
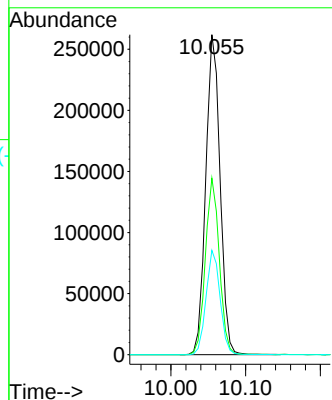
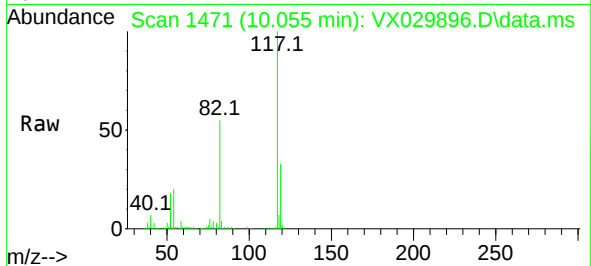




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

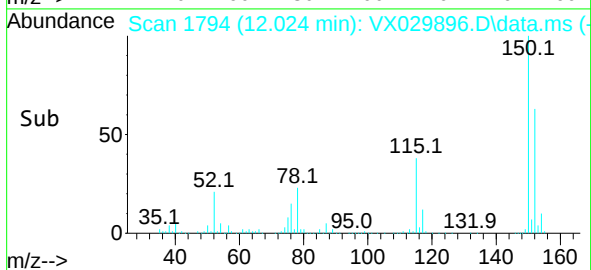
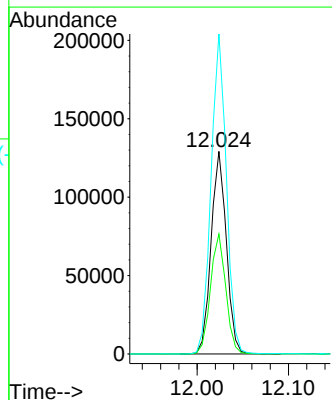
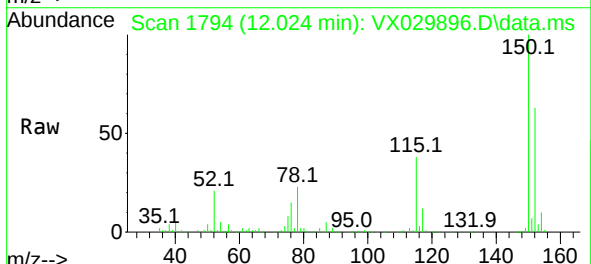
Instrument :
MSVOA_X
ClientSampleId :
MW-26

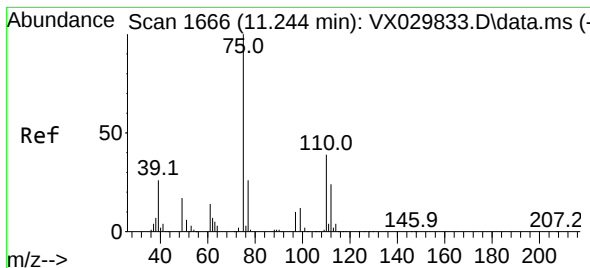
Tgt Ion:117 Resp: 348638
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029896.D
Acq: 30 Jun 2022 06:00

Tgt Ion:152 Resp: 149606
Ion Ratio Lower Upper
152 100
115 59.4 40.5 121.5
150 158.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.698 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

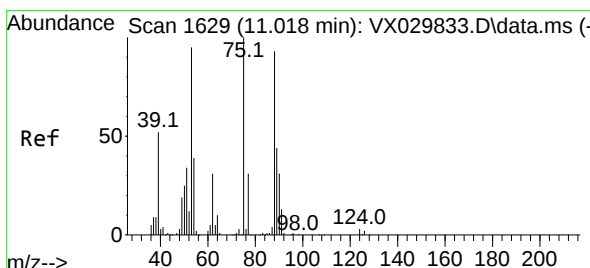
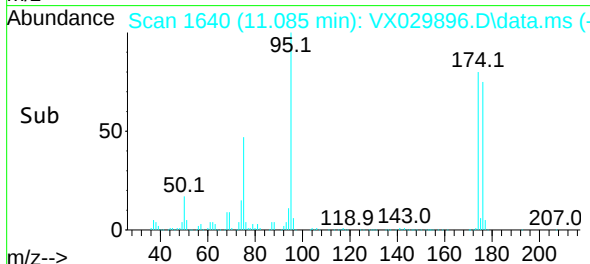
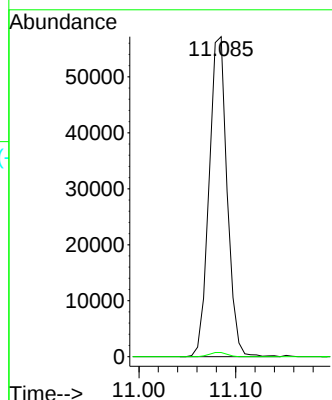
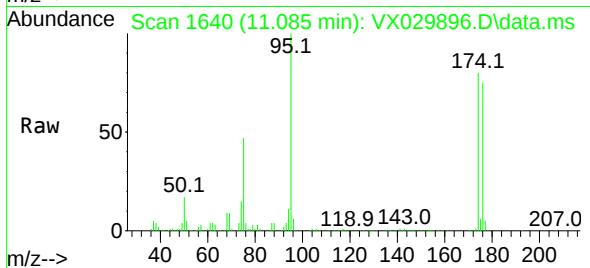
MW-26

Tgt Ion: 75 Resp: 74126

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.731 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029896.D

Acq: 30 Jun 2022 06:00

Tgt Ion: 75 Resp: 74126

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.4#

89 0.0 34.8 52.2#

