

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029885.D
 Acq On : 30 Jun 2022 01:44
 Operator : JC/MD
 Sample : N3481-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18

Quant Time: Jun 30 06:26:39 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)

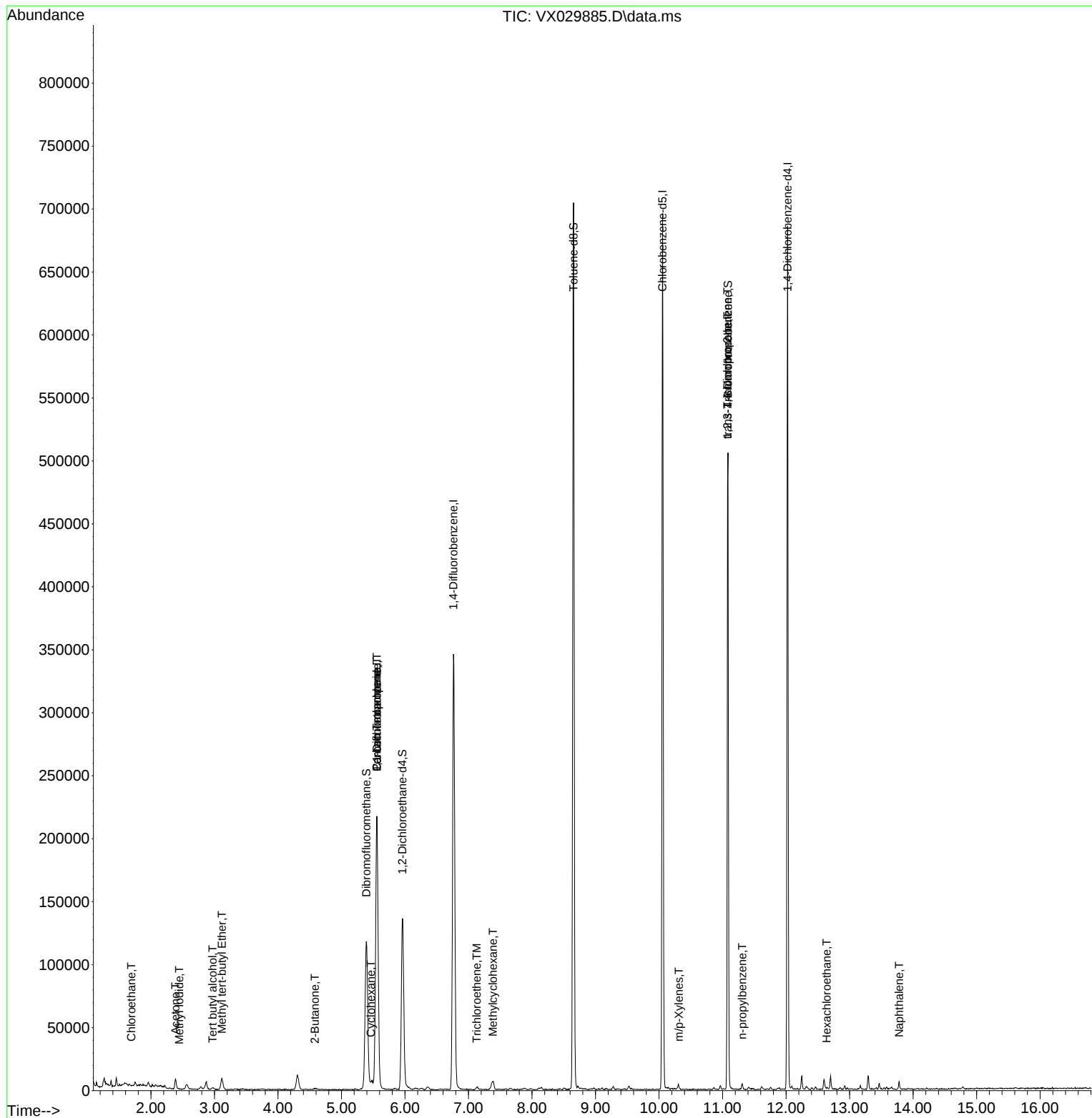
Internal Standards						
1) Pentafluorobenzene	5.556	168	210973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121834	45.621	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.240%
35) Dibromofluoromethane	5.391	113	106710	45.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.680%
50) Toluene-d8	8.653	98	420937	48.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.085	95	140553	45.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	334	1.225	ug/l #	63
10) Methyl Iodide	2.447	142	147	1.922	ug/l #	70
11) Tert butyl alcohol	2.971	59	1802	2.580	ug/l #	74
13) Acrolein	2.233	56	90	Below Cal	#	1
16) Acetone	2.386	43	8708	6.665	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	8478	1.156	ug/l	96
25) 2-Butanone	4.580	43	1471	0.649	ug/l	95
31) Cyclohexane	5.464	56	4974	1.336	ug/l #	85
36) 1,1-Dichloropropene	5.556	75	16034	5.179	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20392	7.601	ug/l #	16
39) Methylcyclohexane	7.385	83	3195	0.853	ug/l #	82
44) Trichloroethene	7.129	130	911	0.338	ug/l	57
68) m/p-Xylenes	10.311	106	913	0.214	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	66024	19.883	ug/l #	38
78) n-propylbenzene	11.311	91	2903	0.245	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	66024	63.145	ug/l #	13
90) Hexachloroethane	12.640	117	673	0.497	ug/l #	16
95) Naphthalene	13.780	128	3447	0.308	ug/l	98

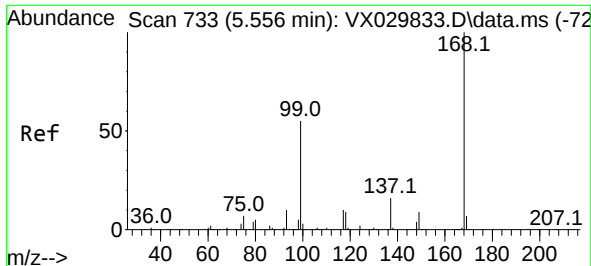
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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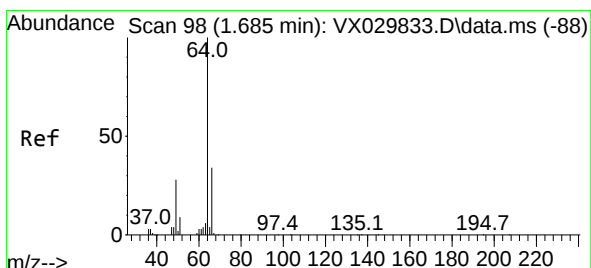
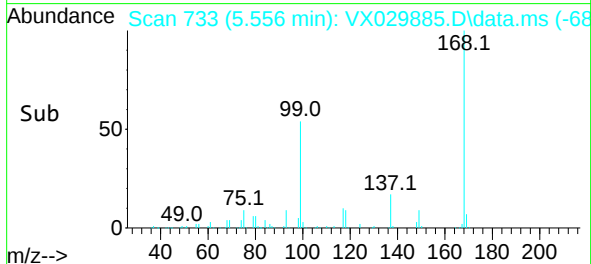
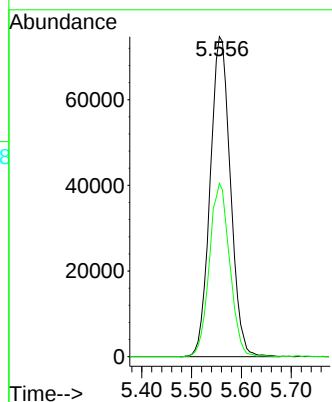
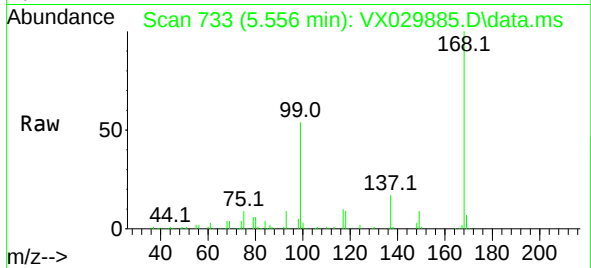




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

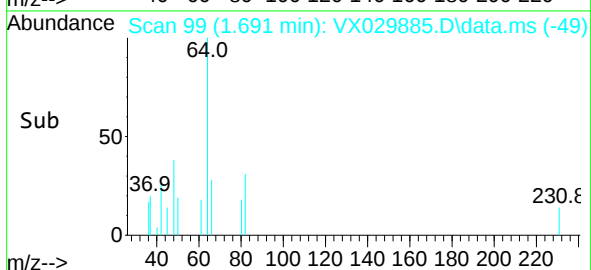
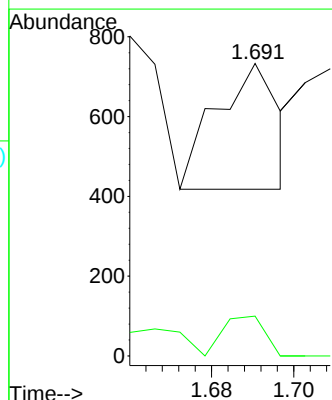
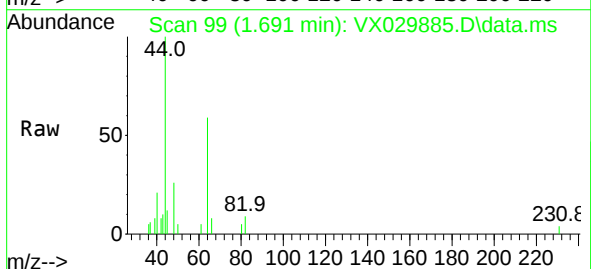
Instrument :
MSVOA_X
ClientSampleId :
MW-18

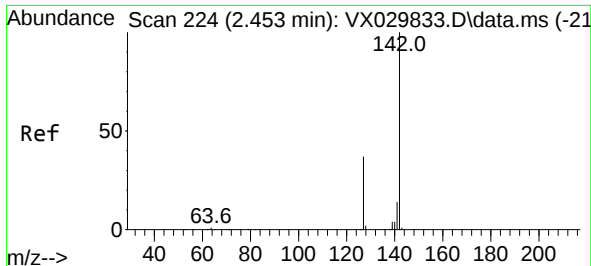
Tgt Ion:168 Resp: 210973
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#6
Chloroethane
Concen: 1.225 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 12.7 27.2 40.8#





#10

Methyl Iodide

Concen: 1.922 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX029885.D

Acq: 30 Jun 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

MW-18

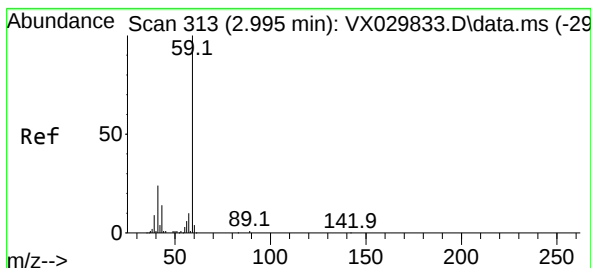
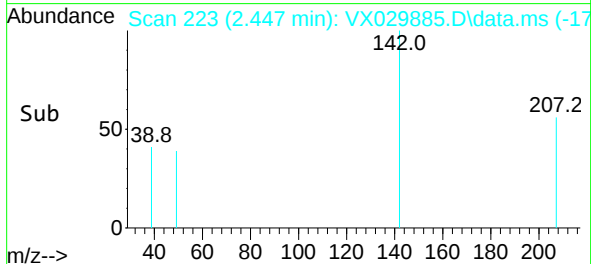
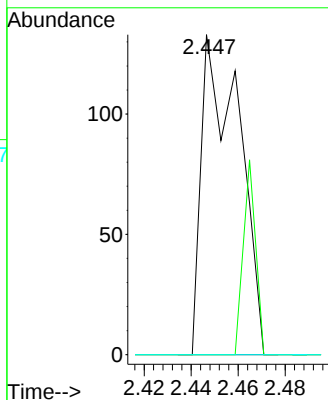
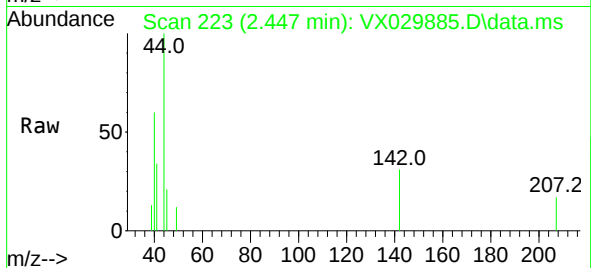
Tgt Ion:142 Resp: 147

Ion Ratio Lower Upper

142 100

127 20.4 30.2 45.2#

141 0.0 11.3 16.9#



#11

Tert butyl alcohol

Concen: 2.580 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX029885.D

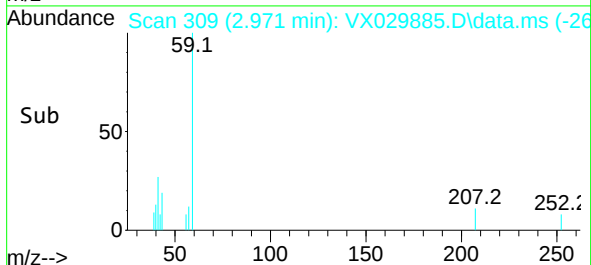
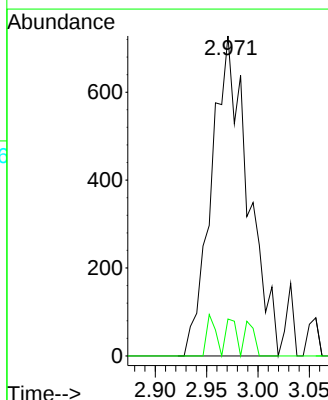
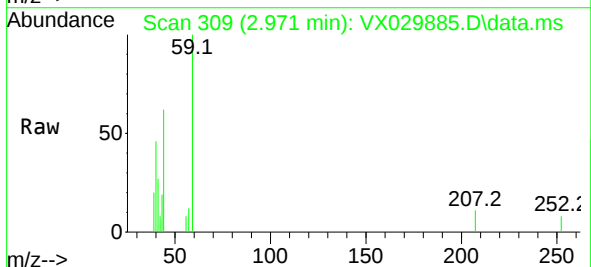
Acq: 30 Jun 2022 01:44

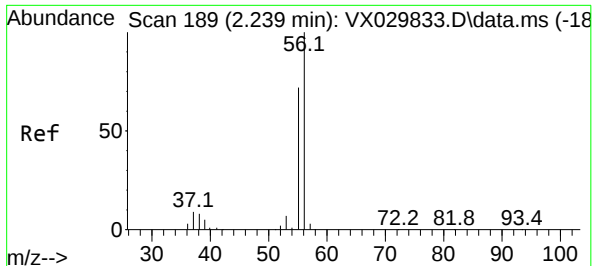
Tgt Ion: 59 Resp: 1802

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#

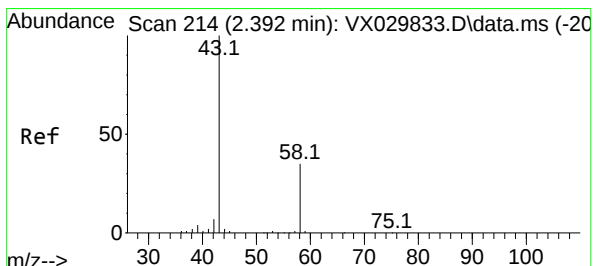
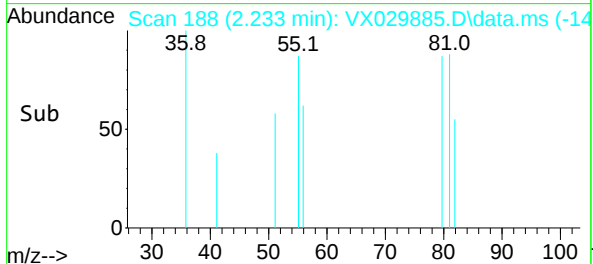
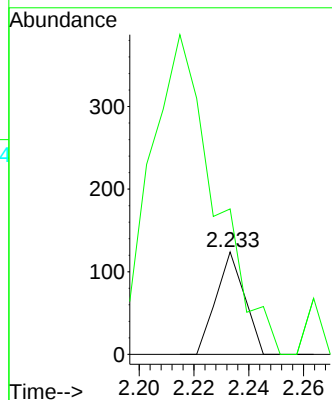
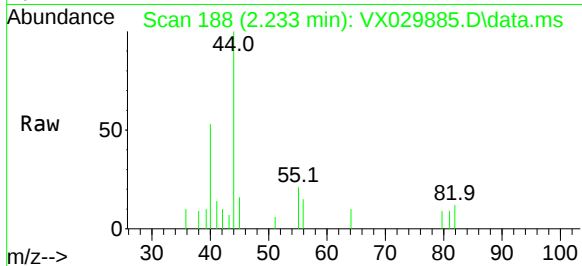




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

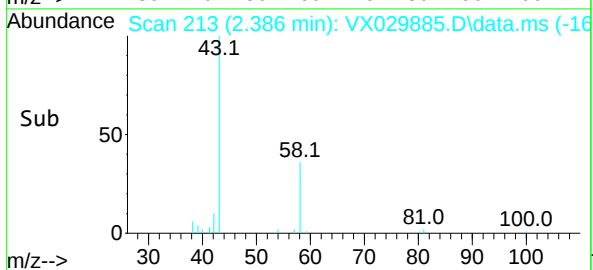
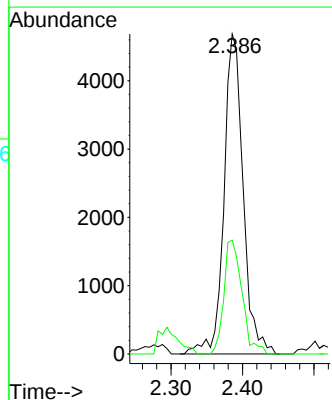
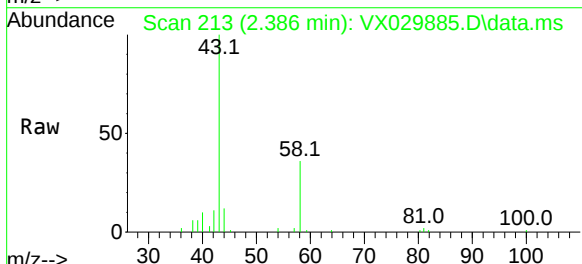
Instrument :
MSVOA_X
ClientSampleId :
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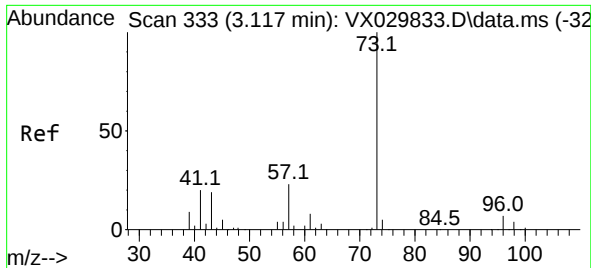
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 772.2 56.6 84.8#



#16
Acetone
Concen: 6.665 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 43 Resp: 8708
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5

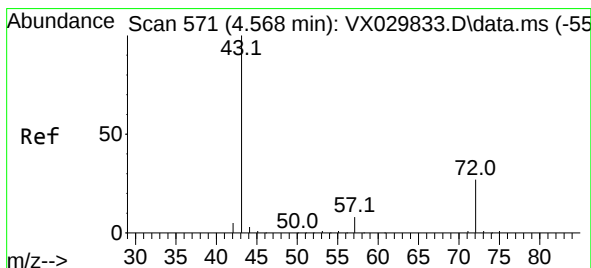
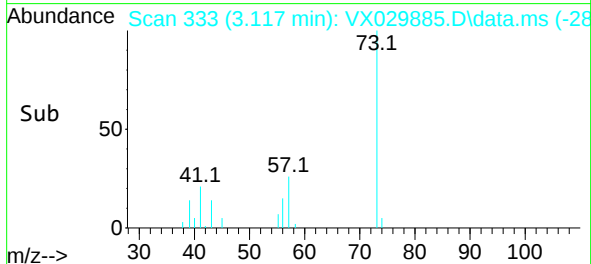
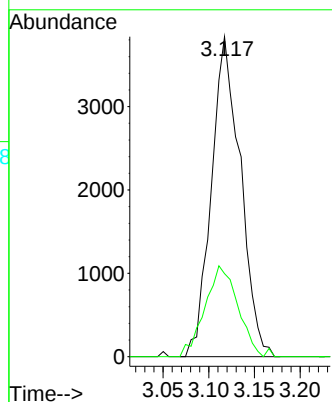
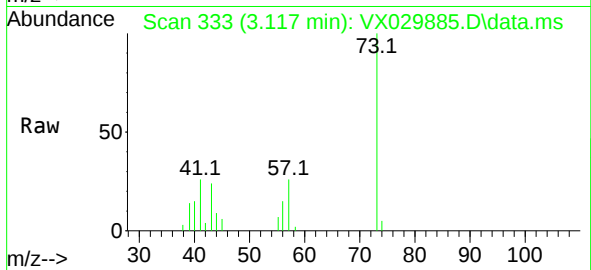




#19
Methyl tert-butyl Ether
Concen: 1.156 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

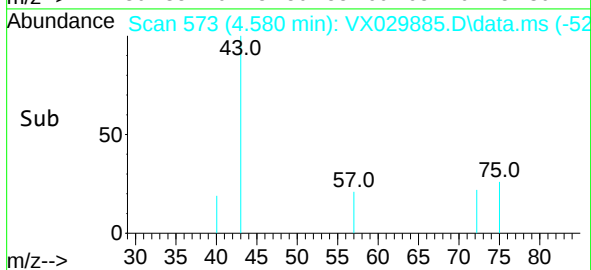
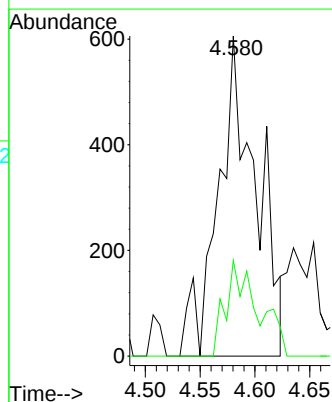
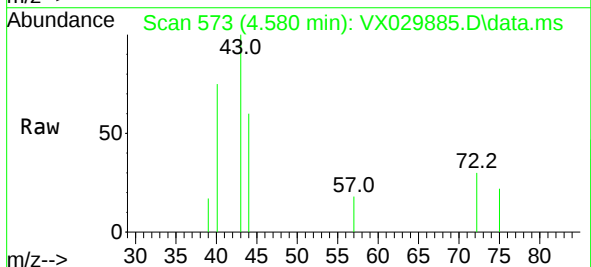
Instrument :
MSVOA_X
ClientSampleId :
MW-18

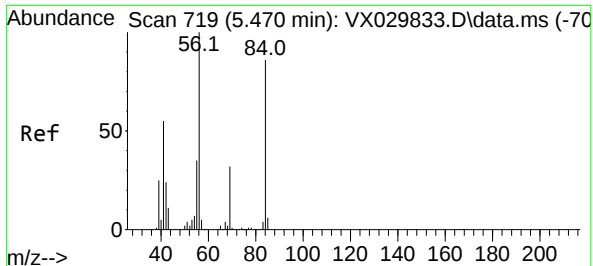
Tgt Ion: 73 Resp: 8478
Ion Ratio Lower Upper
73 100
57 26.0 19.0 28.6



#25
2-Butanone
Concen: 0.649 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
72 29.9 21.7 32.5

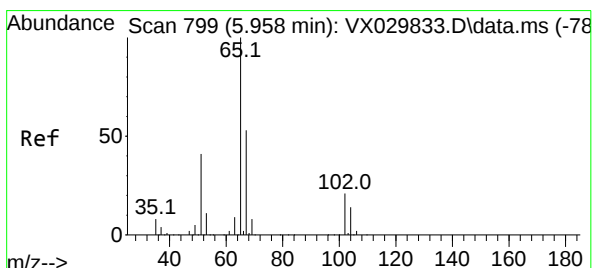
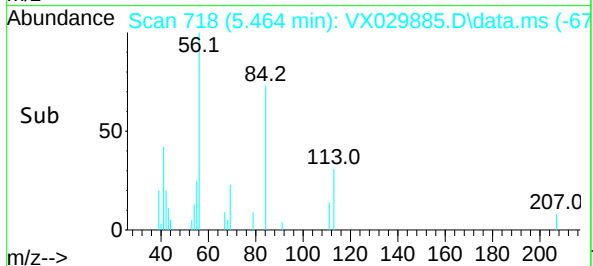
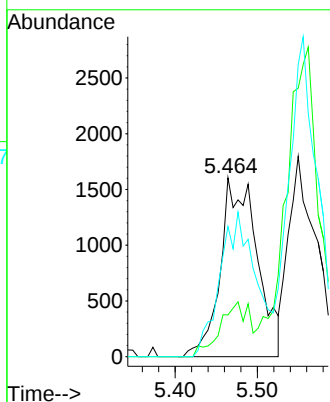
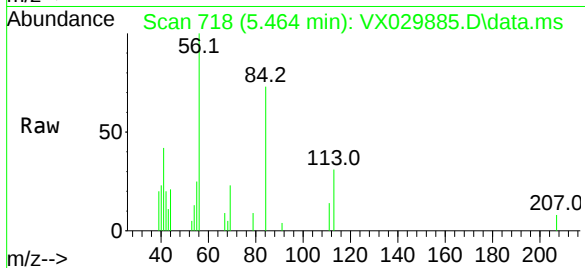




#31
Cyclohexane
Concen: 1.336 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

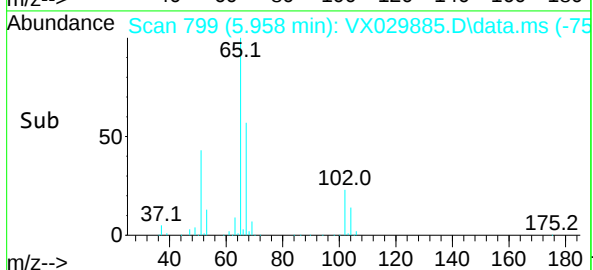
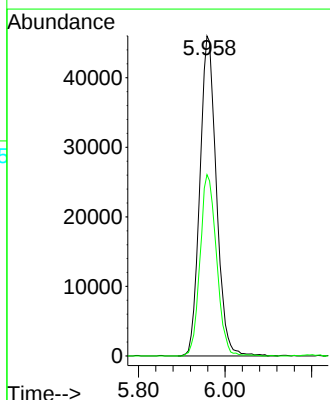
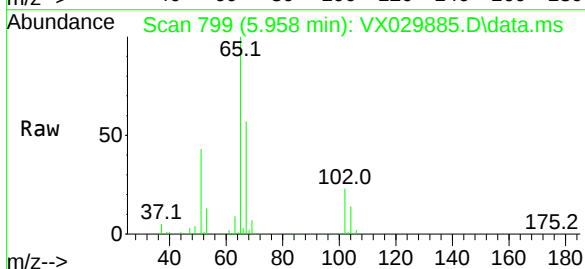
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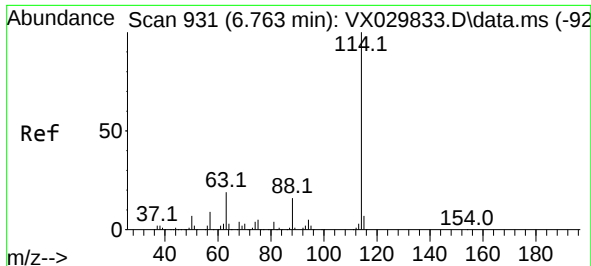
Tgt Ion: 56 Resp: 4974
Ion Ratio Lower Upper
56 100
69 23.4 25.4 38.0#
84 72.7 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 45.621 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 65 Resp: 121834
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6

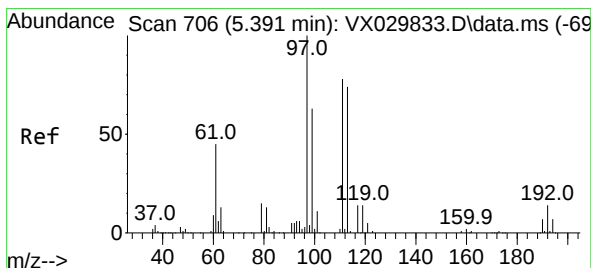
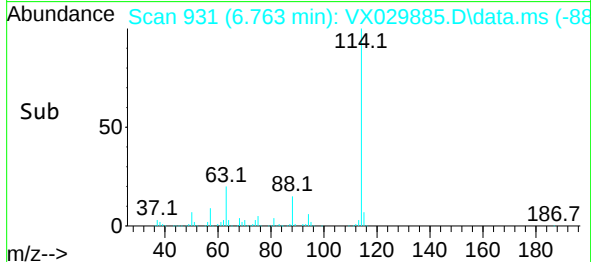
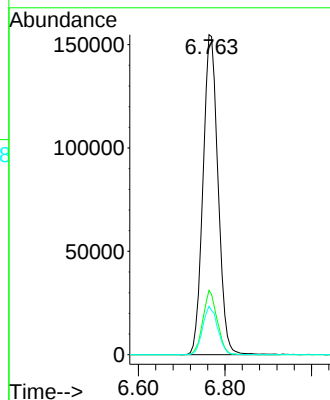
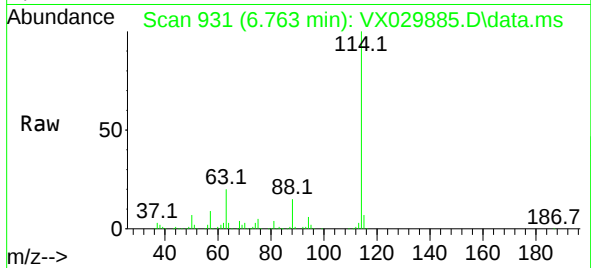




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

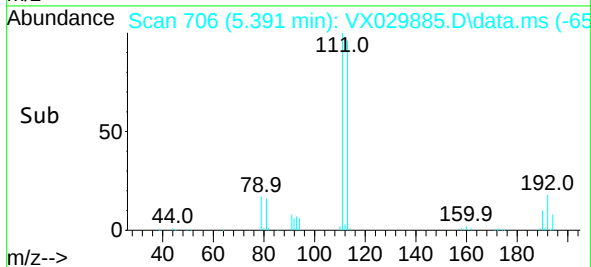
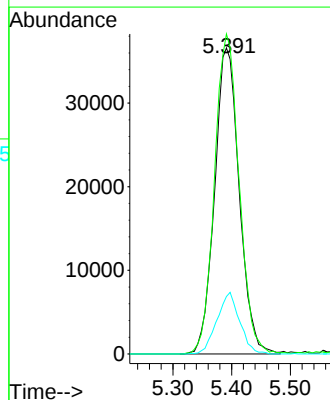
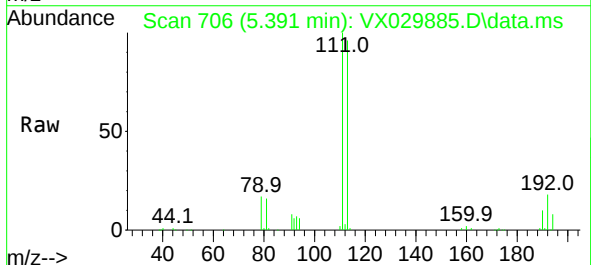
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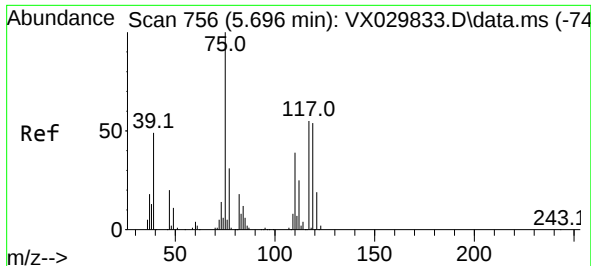
Tgt Ion:114 Resp: 372503
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.839 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion:113 Resp: 106710
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.6 14.8 22.2

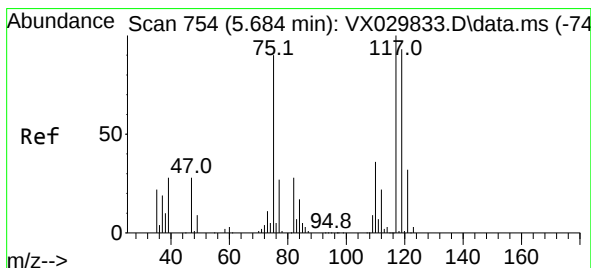
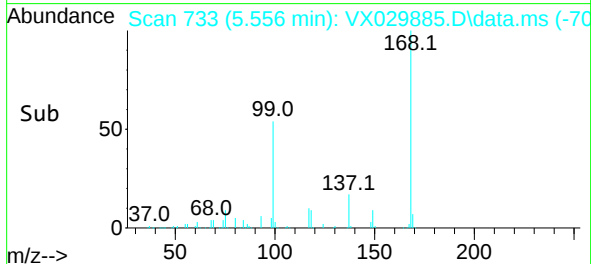
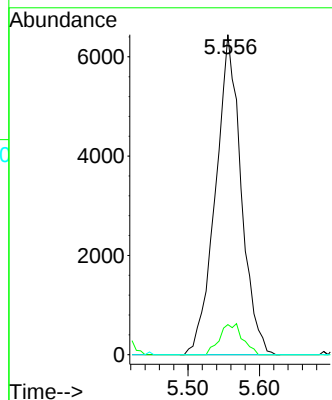
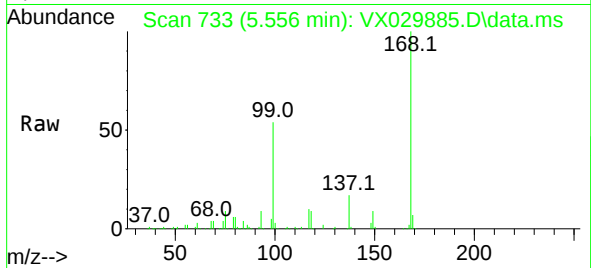




#36
1,1-Dichloropropene
Concen: 5.179 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

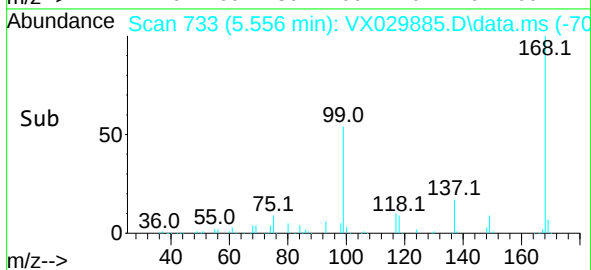
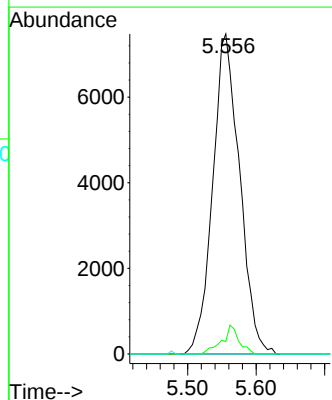
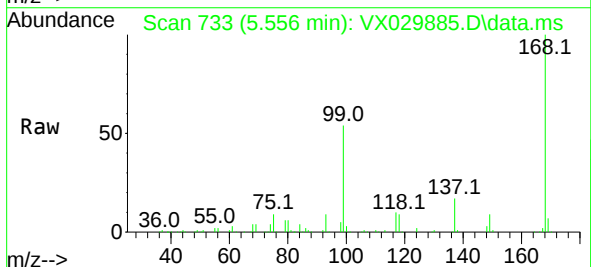
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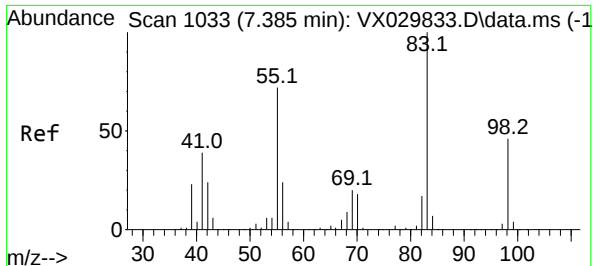
Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
110 8.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.601 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 117 Resp: 20392
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#

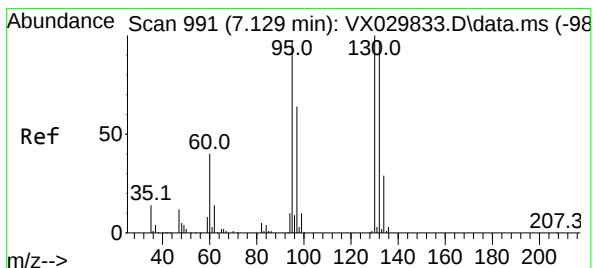
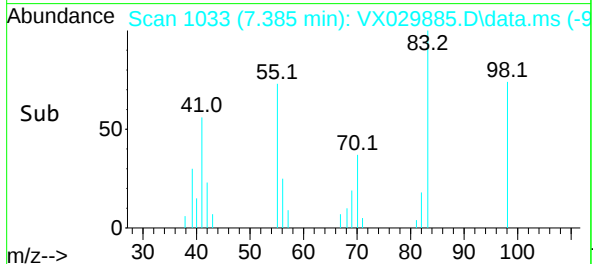
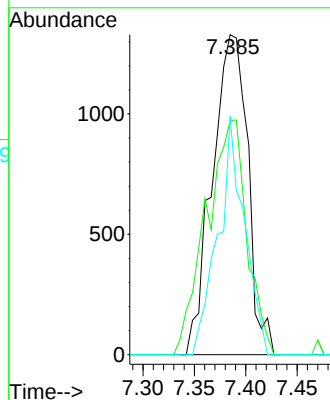
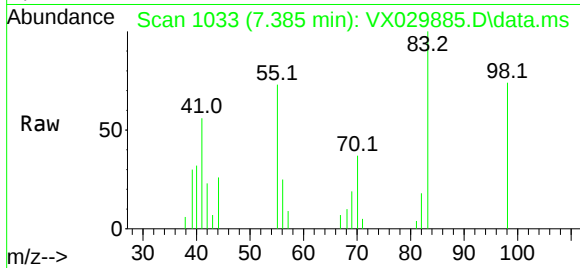




#39
Methylcyclohexane
Concen: 0.853 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

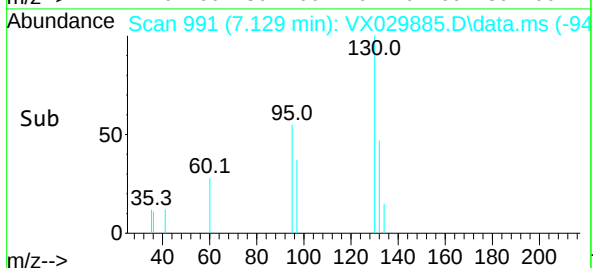
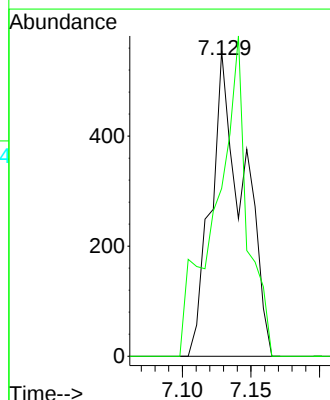
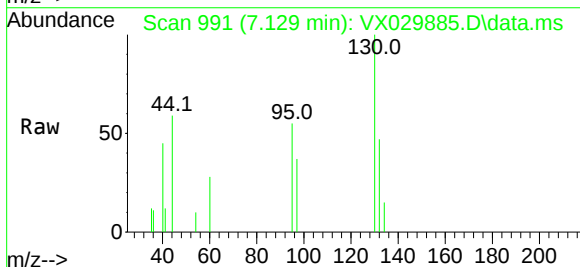
Instrument :
MSVOA_X
ClientSampleId :
MW-18

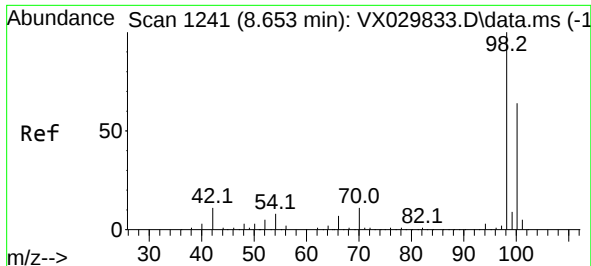
Tgt Ion: 83 Resp: 3195
Ion Ratio Lower Upper
83 100
55 73.1 57.7 86.5
98 74.5 36.5 54.7#



#44
Trichloroethene
Concen: 0.338 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion:130 Resp: 911
Ion Ratio Lower Upper
130 100
95 55.0 0.0 194.8

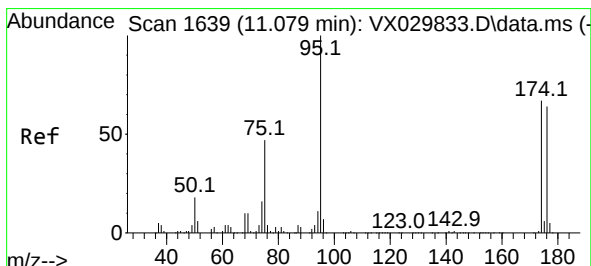
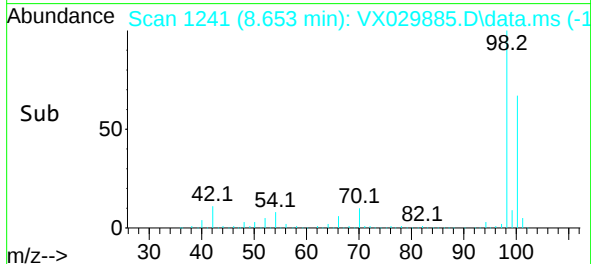
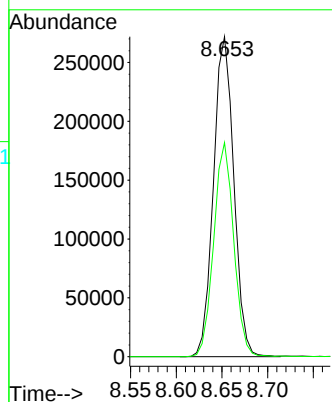
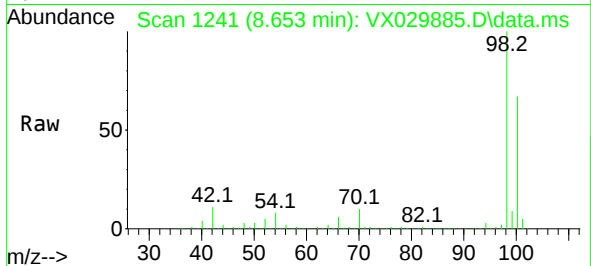




#50
Toluene-d8
Concen: 48.199 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

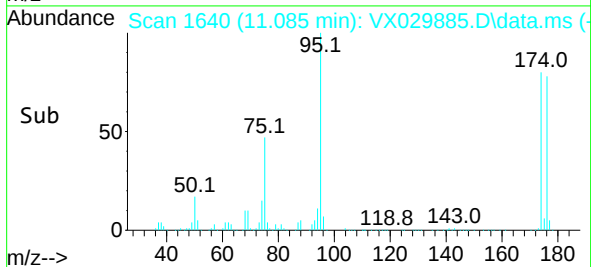
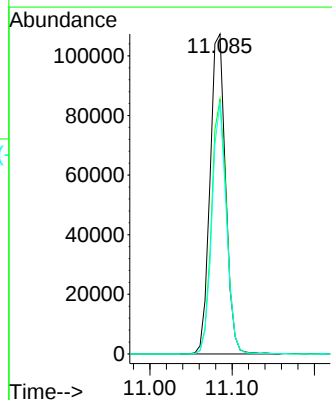
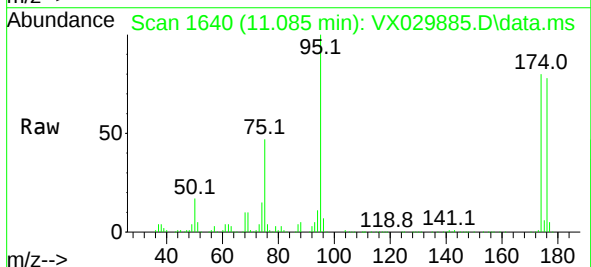
Instrument :
MSVOA_X
ClientSampleId :
MW-18

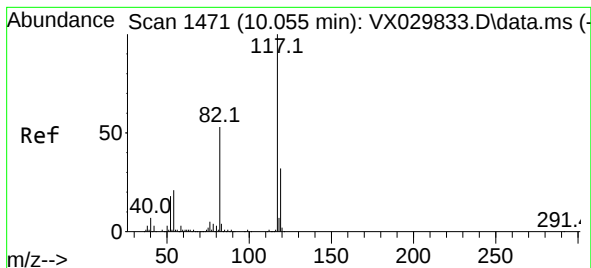
Tgt Ion: 98 Resp: 420937
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.530 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 95 Resp: 140553
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.0
176 73.2 0.0 146.0

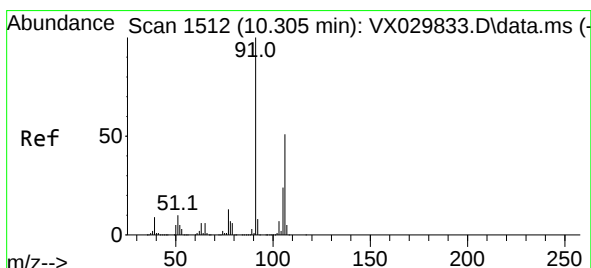
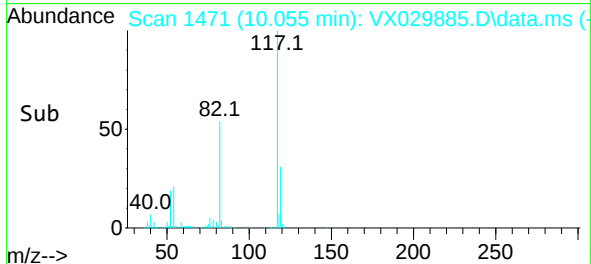
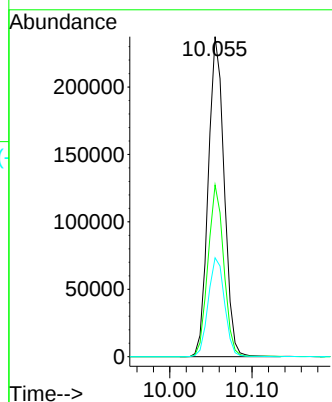
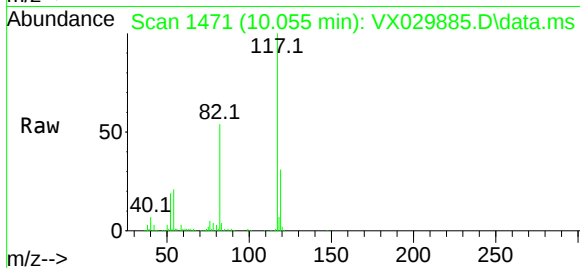




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

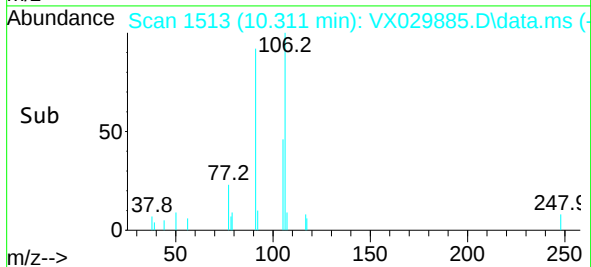
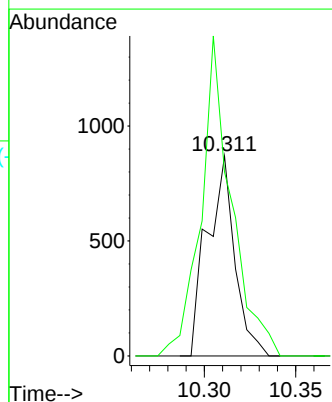
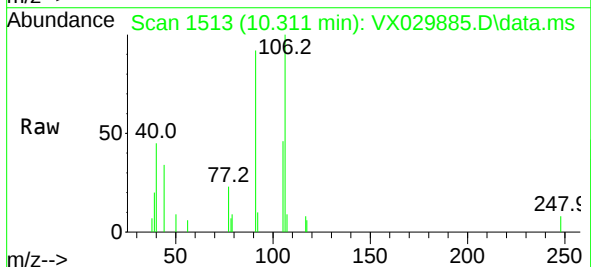
Instrument :
MSVOA_X
ClientSampleId :
MW-18

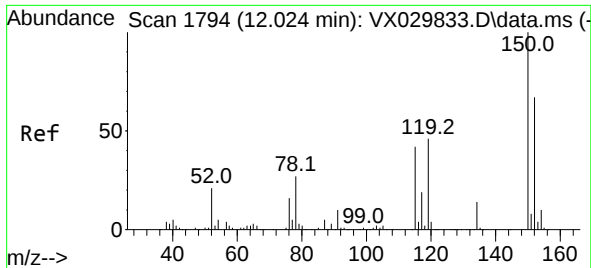
Tgt Ion:117 Resp: 318905
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion:106 Resp: 913
Ion Ratio Lower Upper
106 100
91 175.1 158.2 237.4

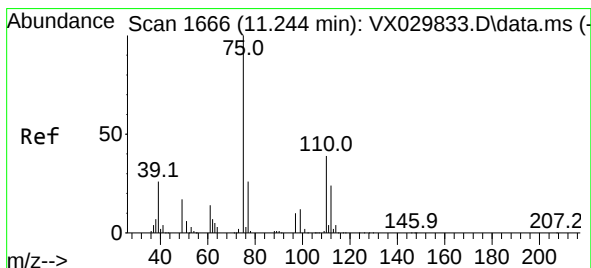
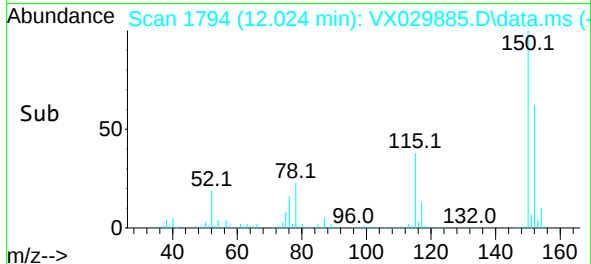
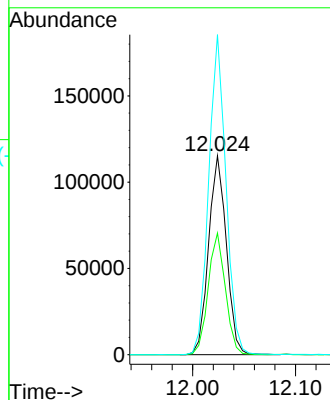
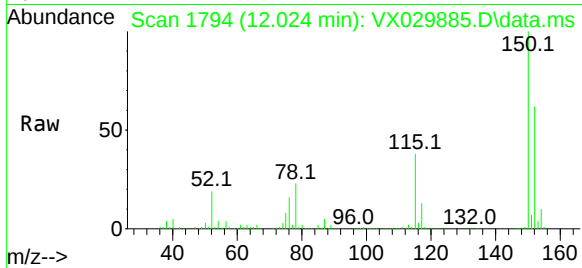




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

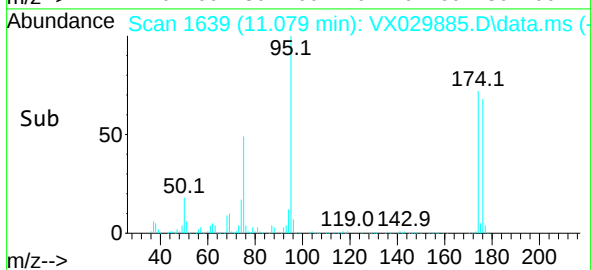
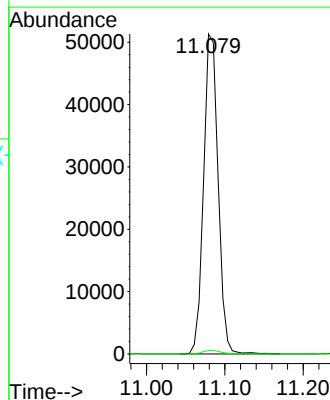
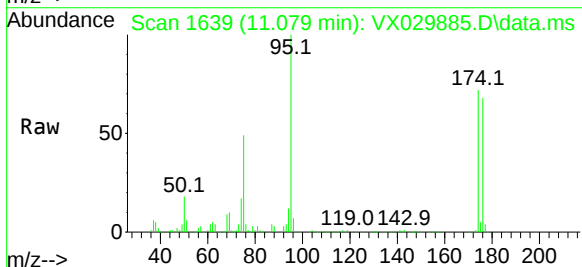
Instrument :
MSVOA_X
ClientSampleId :
MW-18

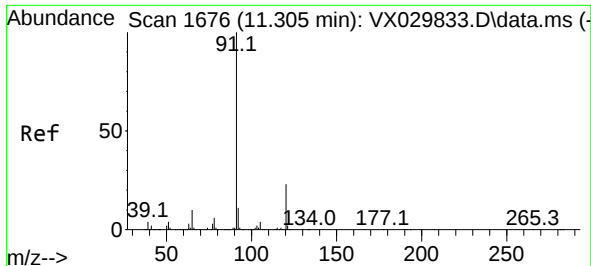
Tgt Ion:152 Resp: 138711
Ion Ratio Lower Upper
152 100
115 59.1 40.5 121.5
150 155.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 19.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 75 Resp: 66024
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

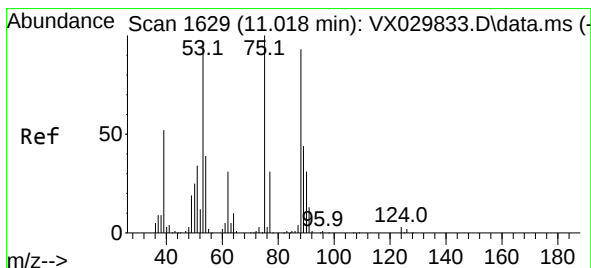
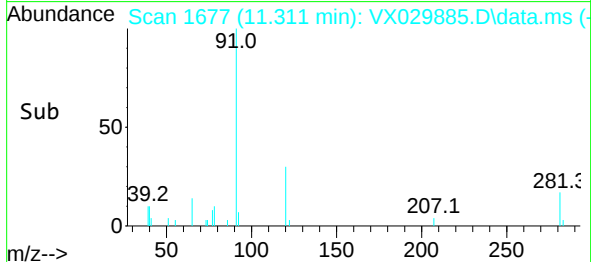
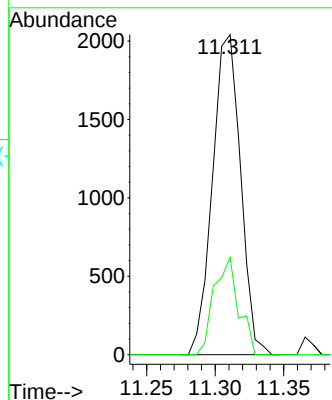
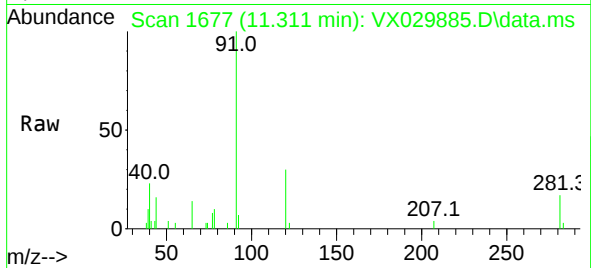




#78
n-propylbenzene
Concen: 0.245 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

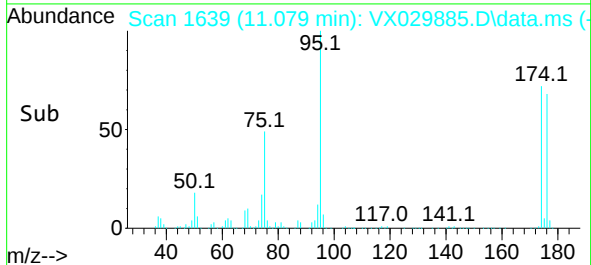
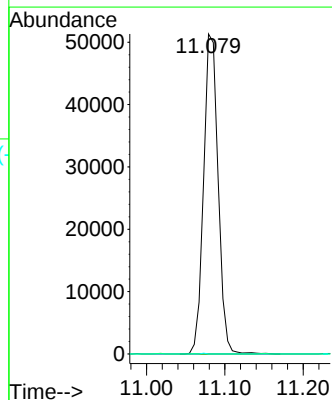
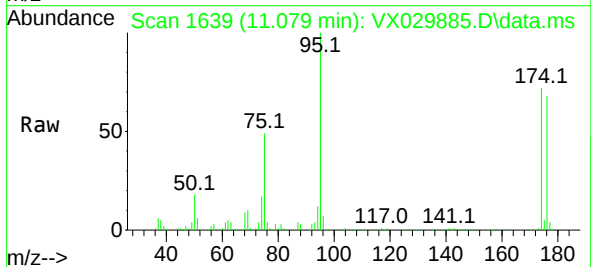
Instrument :
MSVOA_X
ClientSampleId :
MW-18

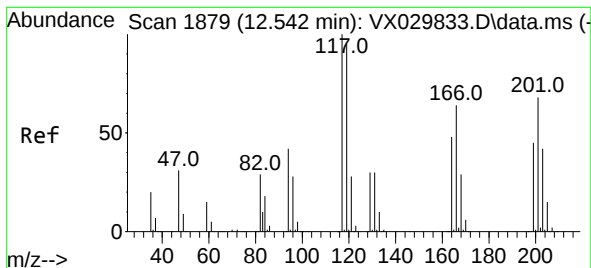
Tgt Ion: 91 Resp: 2903
Ion Ratio Lower Upper
91 100
120 26.6 11.6 34.8



#81
trans-1,4-Dichloro-2-butene
Concen: 63.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029885.D
Acq: 30 Jun 2022 01:44

Tgt Ion: 75 Resp: 66024
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#





#90

Hexachloroethane

Concen: 0.497 ug/l

RT: 12.640 min Scan# 1879

Delta R.T. 0.097 min

Lab File: VX029885.D

Acq: 30 Jun 2022 01:44

Instrument :

MSVOA_X

ClientSampleId :

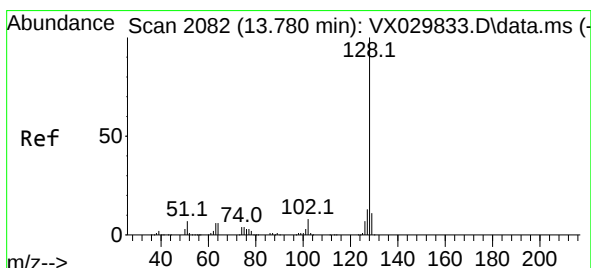
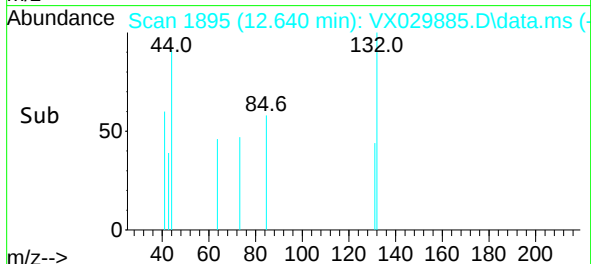
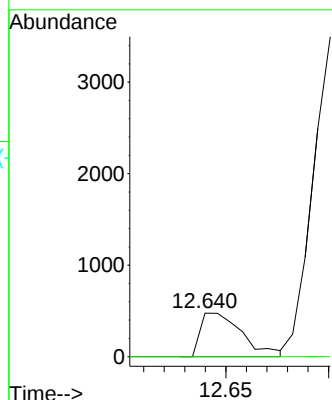
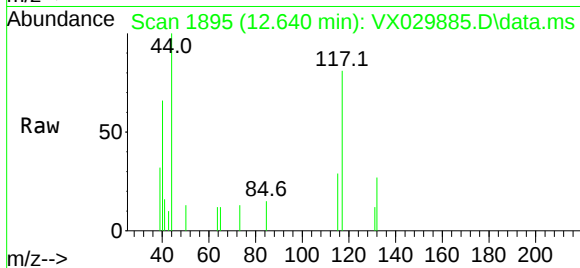
MW-18

Tgt Ion:117 Resp: 673

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#95

Naphthalene

Concen: 0.308 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX029885.D

Acq: 30 Jun 2022 01:44

Tgt Ion:128 Resp: 3447

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.0 8.6 13.0

