

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029507.D
 Acq On : 15 Jun 2022 14:38
 Operator : JC/MD
 Sample : N3160-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 15 15:38:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

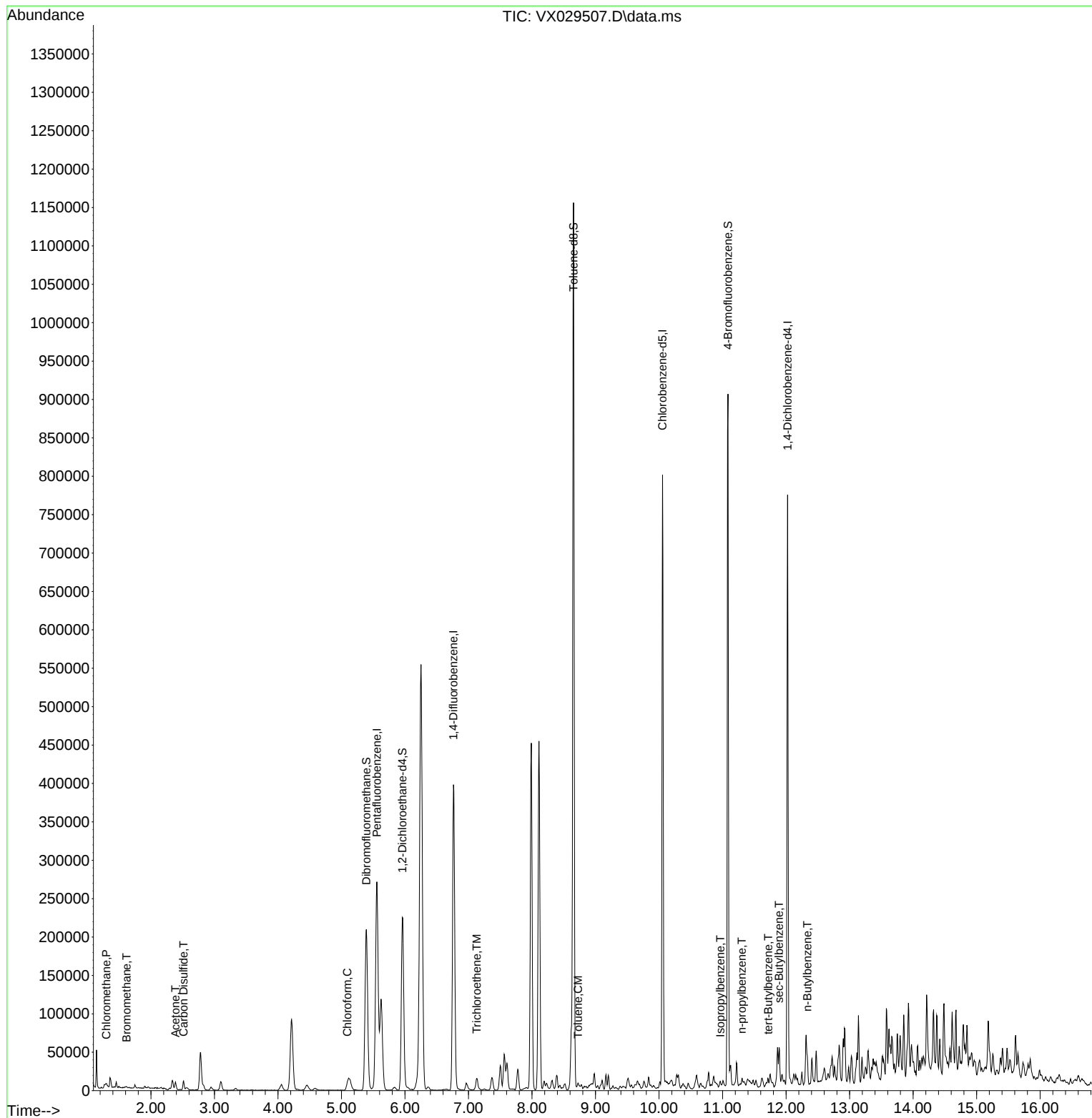
Internal Standards						
1) Pentafluorobenzene	5.556	168	254157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220589	57.272	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.540%	
35) Dibromofluoromethane	5.391	113	188347	52.591	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.180%	
50) Toluene-d8	8.653	98	685080	54.087	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	11.085	95	259344	52.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1500	0.348	ug/l	99
5) Bromomethane	1.617	94	577	0.241	ug/l	86
16) Acetone	2.385	43	10192	4.957	ug/l	99
17) Carbon Disulfide	2.513	76	14196	1.510	ug/l	99
30) Chloroform	5.092	83	10675	1.325	ug/l	100
44) Trichloroethene	7.128	130	6403	1.335	ug/l	98
52) Toluene	8.726	92	2583	0.228	ug/l	97
73) Isopropylbenzene	10.963	105	3890	0.312	ug/l	95
78) n-propylbenzene	11.305	91	5450	0.385	ug/l	98
83) tert-Butylbenzene	11.719	119	2240	0.218	ug/l	80
85) sec-Butylbenzene	11.890	105	23329	1.848	ug/l #	56
89) n-Butylbenzene	12.335	91	13526	1.516	ug/l #	72

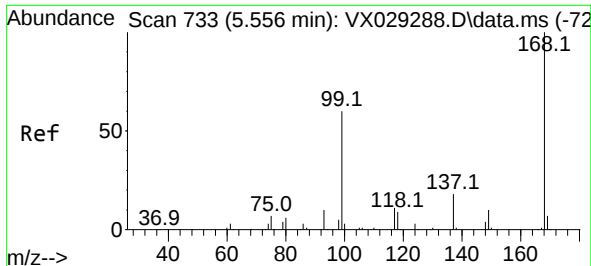
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Jun 15 15:38:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

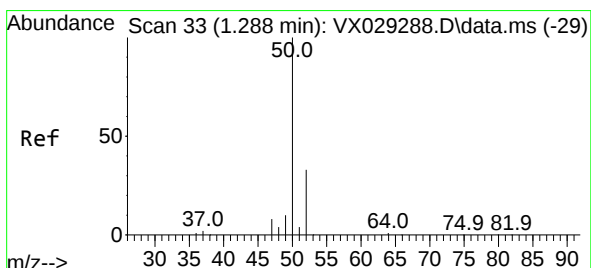
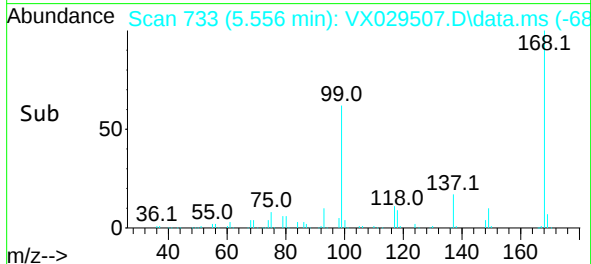
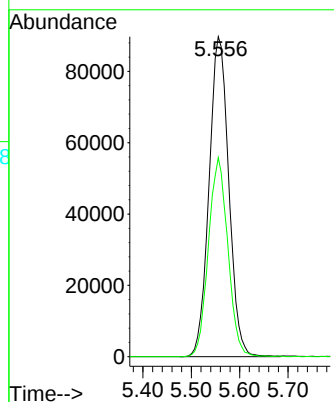
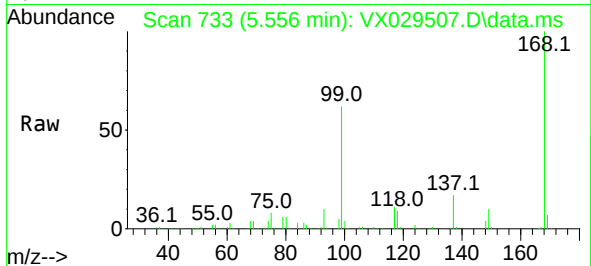




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

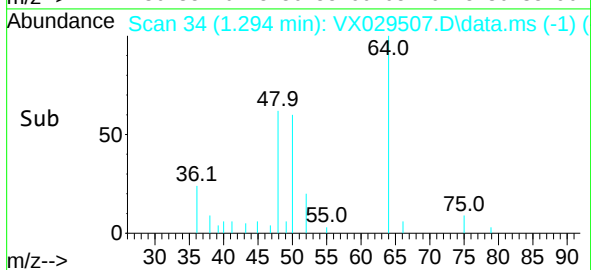
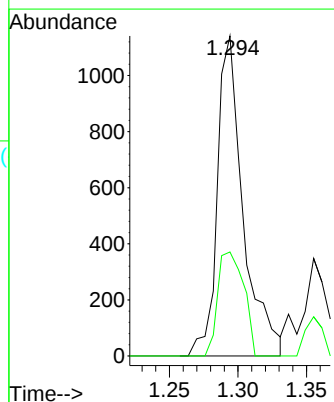
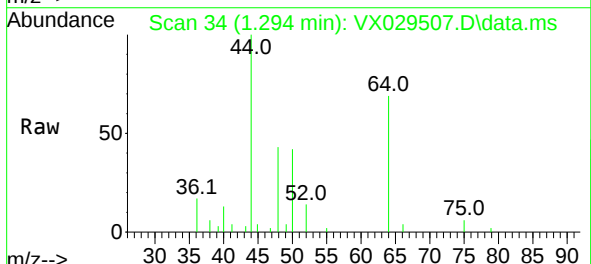
Instrument :
MSVOA_X
ClientSampleId :
MW-2

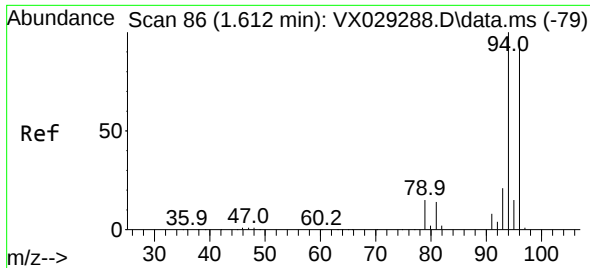
Tgt Ion:168 Resp: 254157
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 50 Resp: 1500
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6

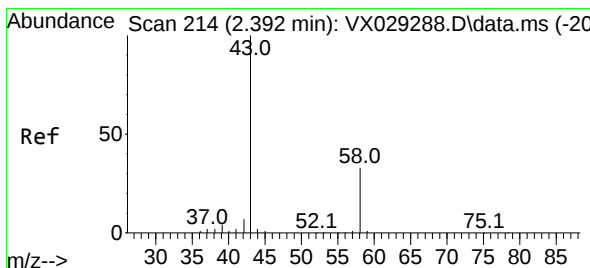
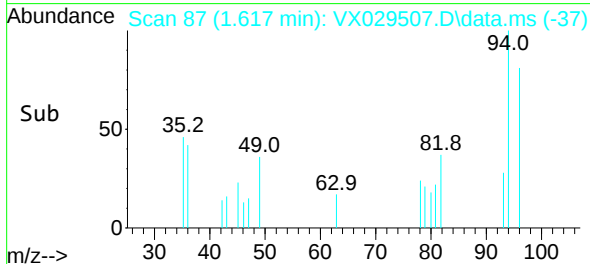
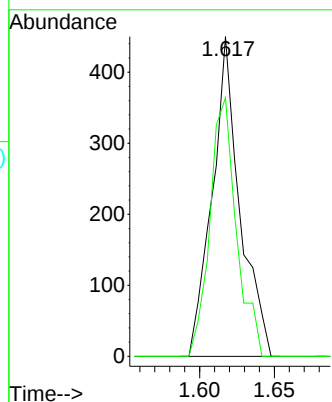
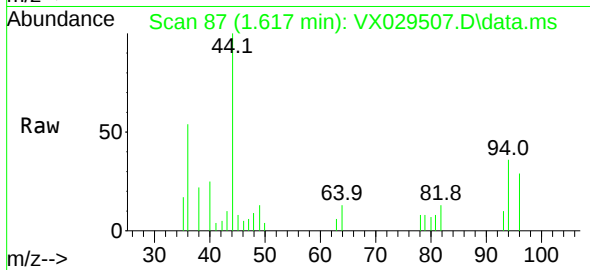




#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

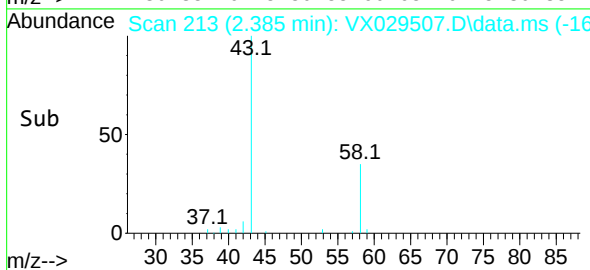
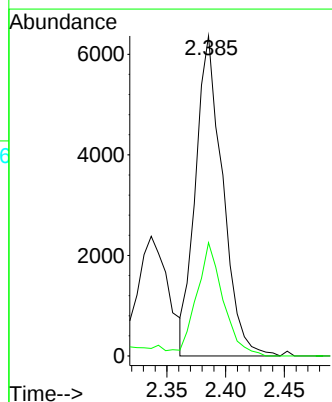
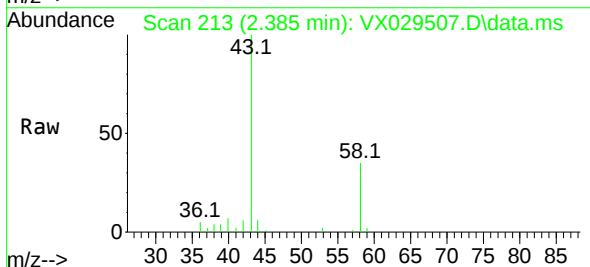
Instrument :
MSVOA_X
ClientSampleId :
MW-2

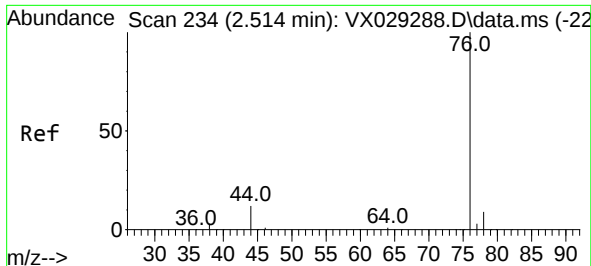
Tgt Ion: 94 Resp: 577
Ion Ratio Lower Upper
94 100
96 80.9 75.3 112.9



#16
Acetone
Concen: 4.957 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2

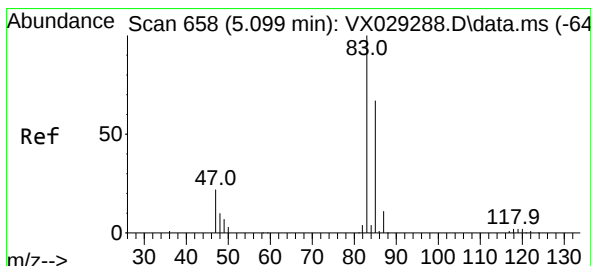
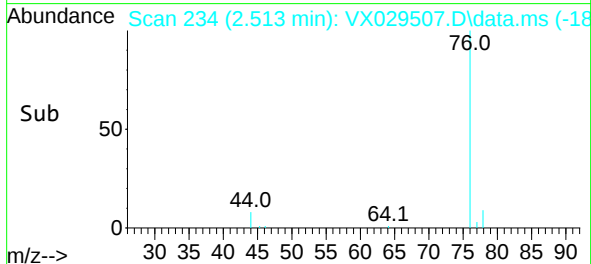
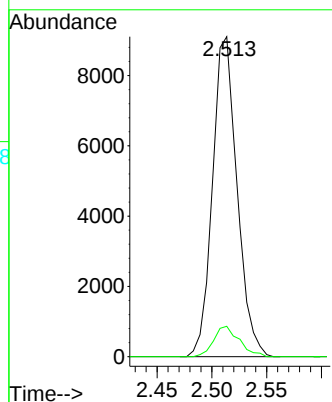
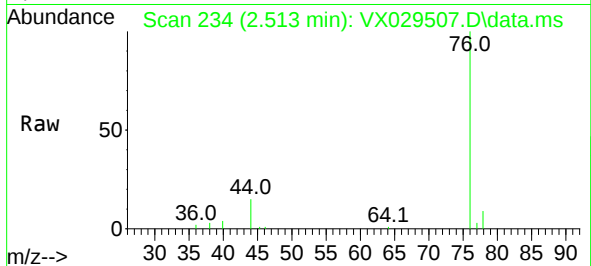




#17
Carbon Disulfide
Concen: 1.510 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

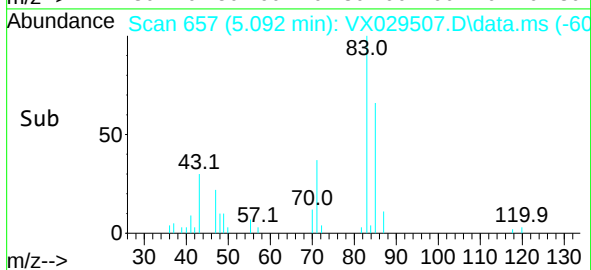
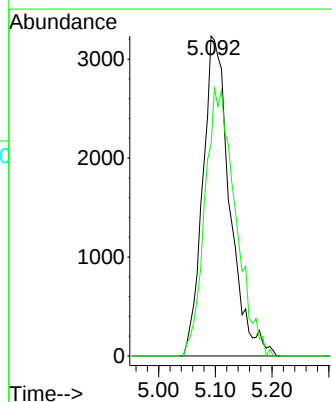
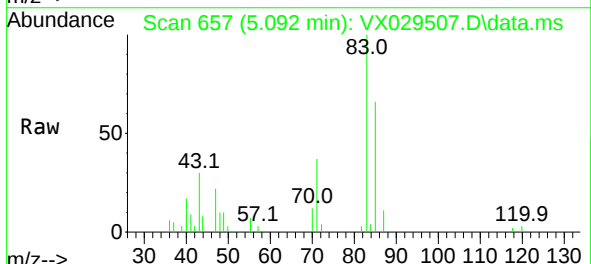
Instrument :
MSVOA_X
ClientSampleId :
MW-2

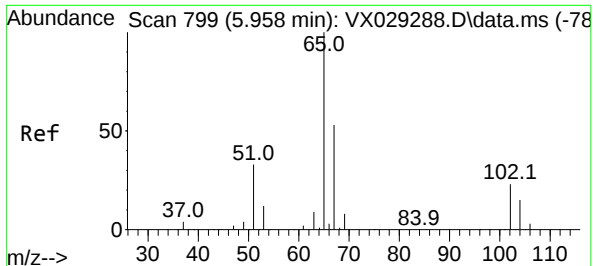
Tgt Ion: 76 Resp: 14196
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#30
Chloroform
Concen: 1.325 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 83 Resp: 10675
Ion Ratio Lower Upper
83 100
85 66.1 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 57.272 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029507.D

Acq: 15 Jun 2022 14:38

Instrument :

MSVOA_X

ClientSampleId :

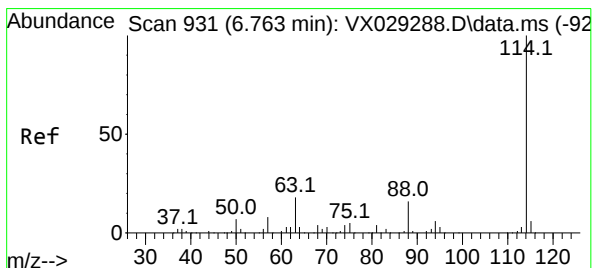
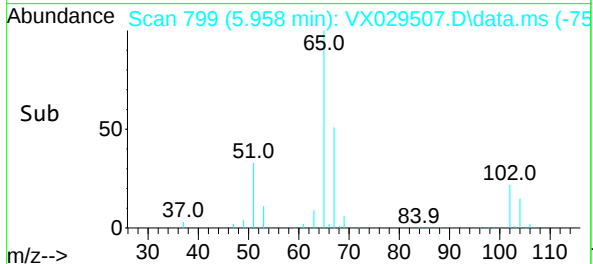
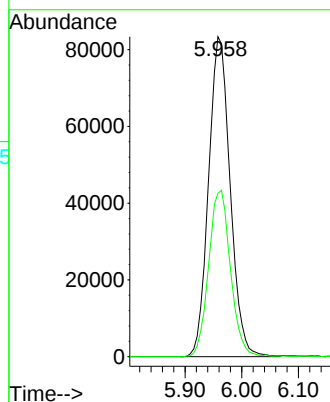
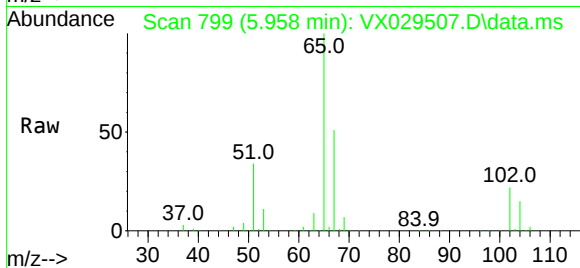
MW-2

Tgt Ion: 65 Resp: 220589

Ion Ratio Lower Upper

65 100

67 52.5 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: VX029507.D

Acq: 15 Jun 2022 14:38

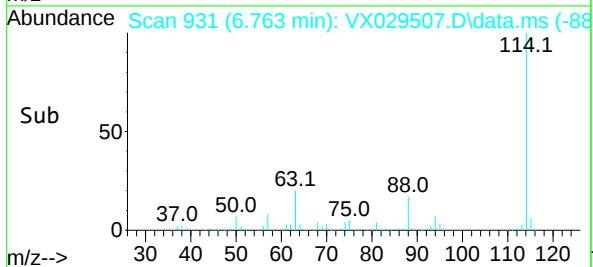
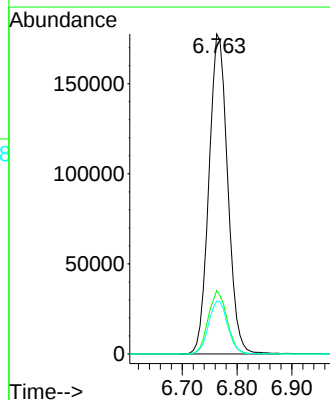
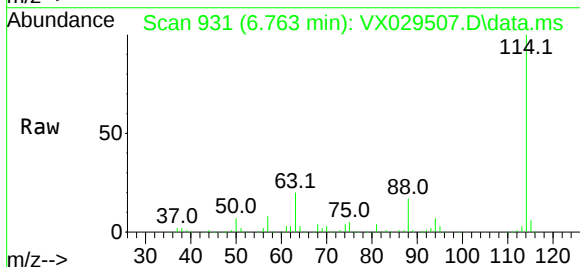
Tgt Ion: 114 Resp: 421264

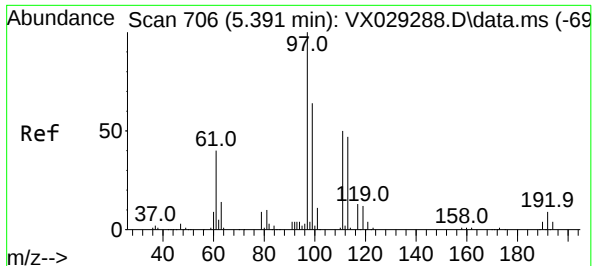
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.591 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029507.D

Acq: 15 Jun 2022 14:38

Instrument :

MSVOA_X

ClientSampleId :

MW-2

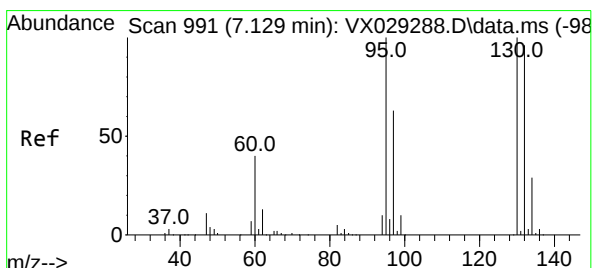
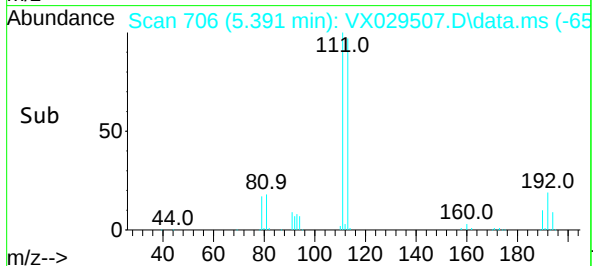
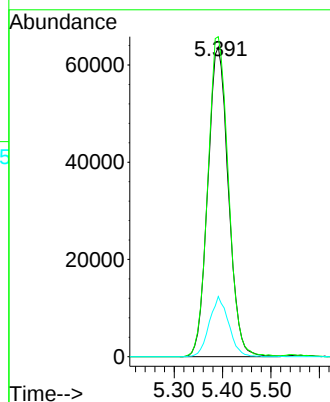
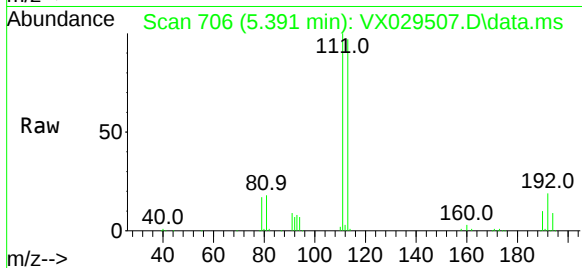
Tgt Ion:113 Resp: 188347

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 18.3 16.9 25.3



#44

Trichloroethene

Concen: 1.335 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029507.D

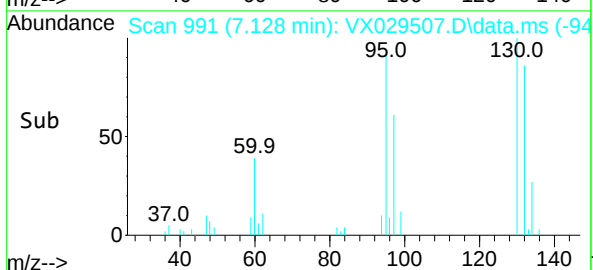
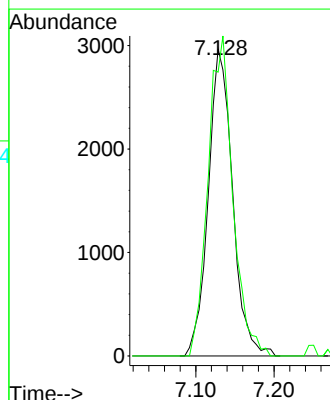
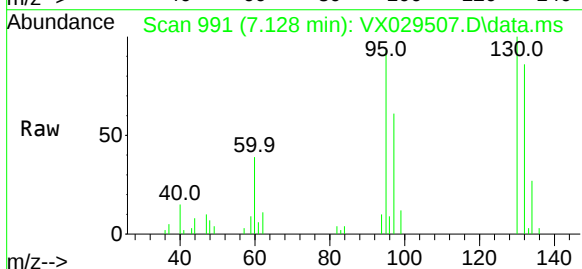
Acq: 15 Jun 2022 14:38

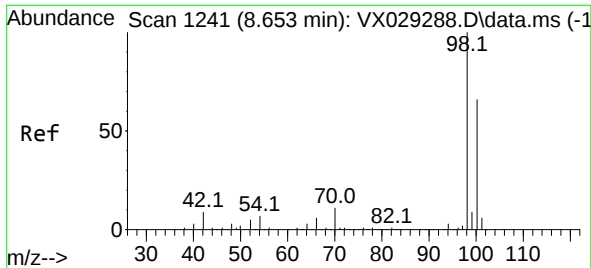
Tgt Ion:130 Resp: 6403

Ion Ratio Lower Upper

130 100

95 92.5 0.0 188.8

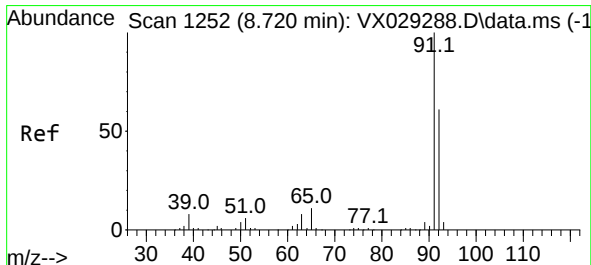
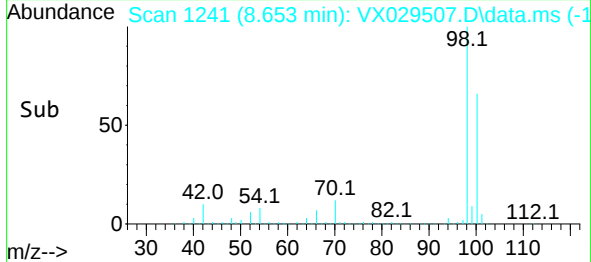
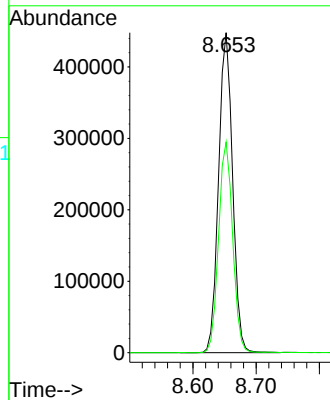
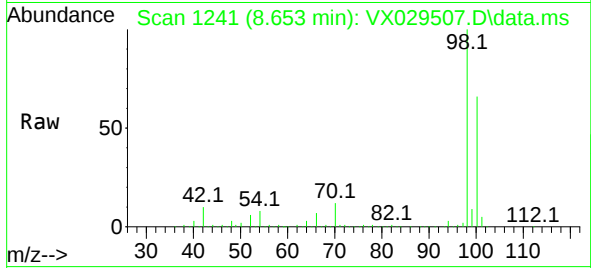




#50
Toluene-d8
Concen: 54.087 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

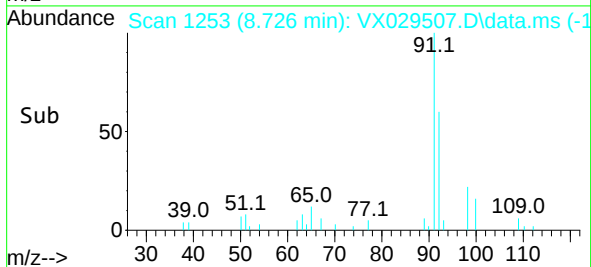
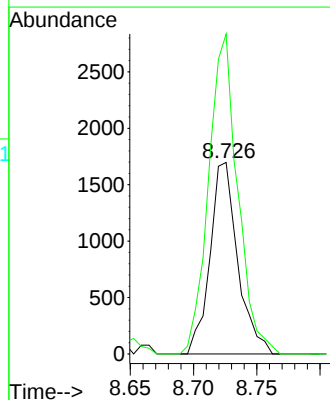
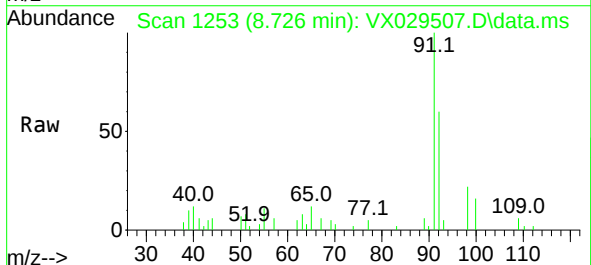
Instrument :
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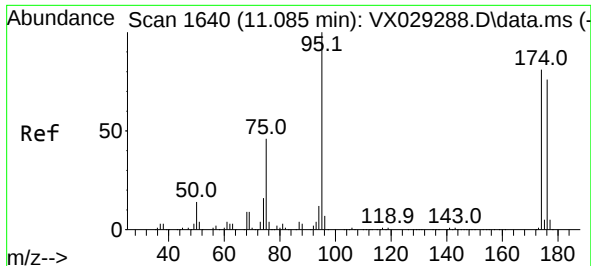
Tgt Ion: 98 Resp: 685080
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#52
Toluene
Concen: 0.228 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 92 Resp: 2583
Ion Ratio Lower Upper
92 100
91 175.4 137.5 206.3

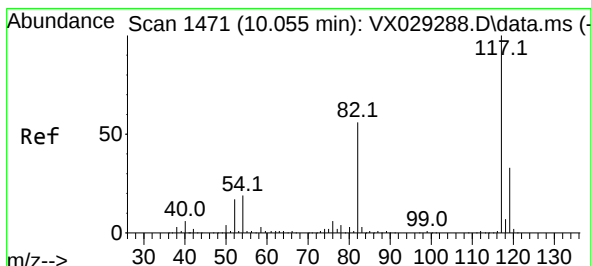
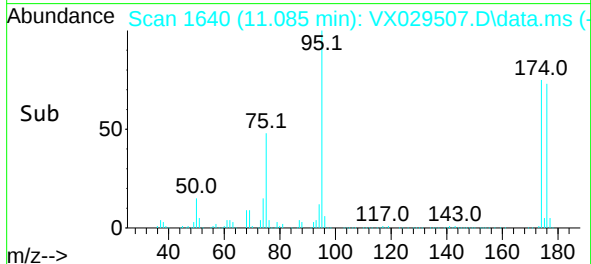
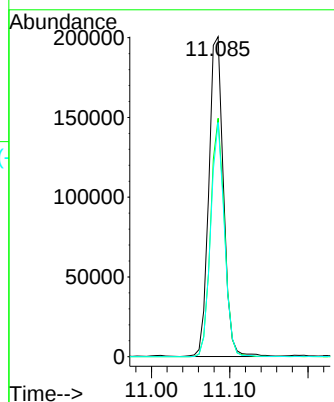
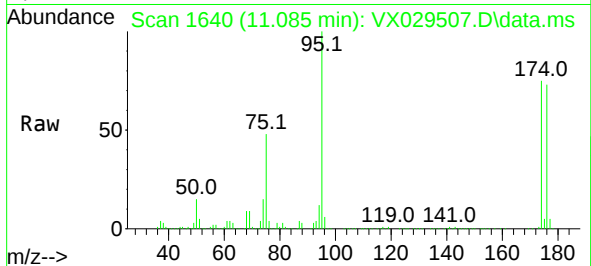




#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

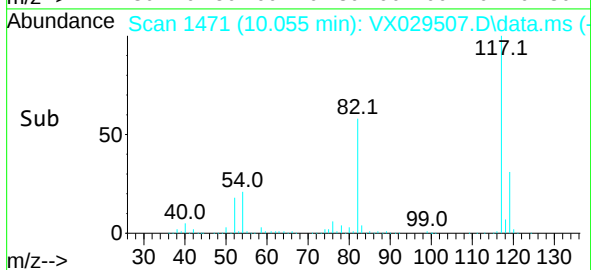
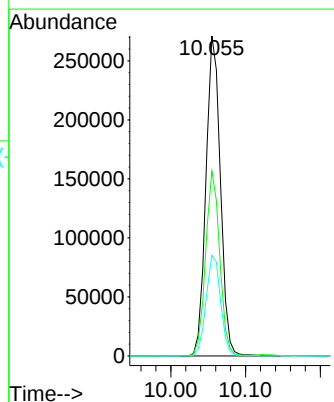
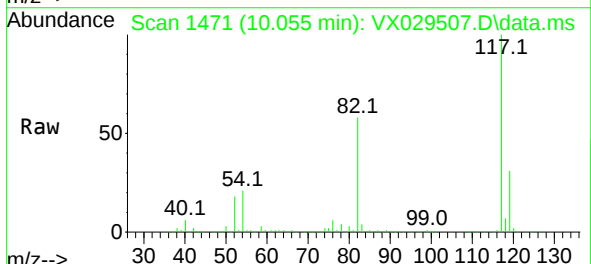
Instrument :
MSVOA_X
ClientSampleId :
MW-2

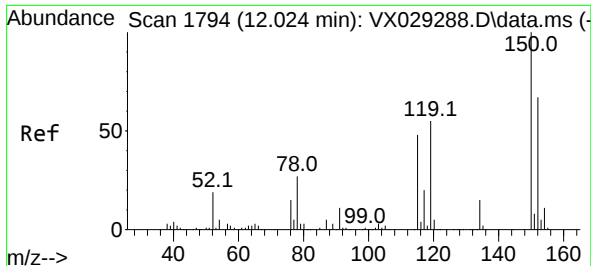
Tgt Ion: 95 Resp: 259344
Ion Ratio Lower Upper
95 100
174 70.7 0.0 163.0
176 68.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 117 Resp: 363765
Ion Ratio Lower Upper
117 100
82 57.7 41.8 62.8
119 31.5 24.8 37.2

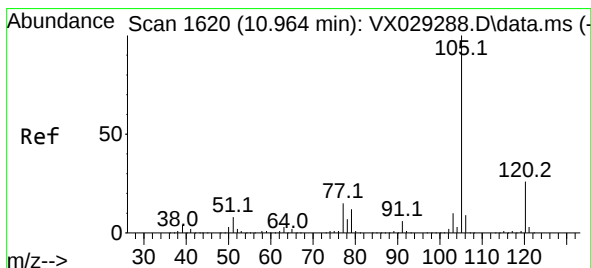
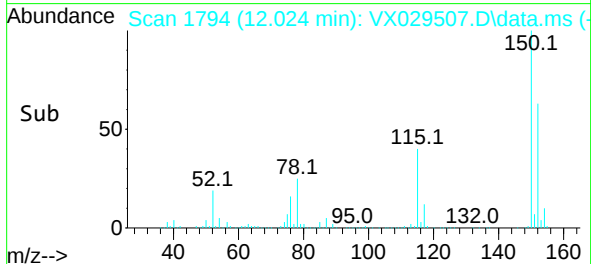
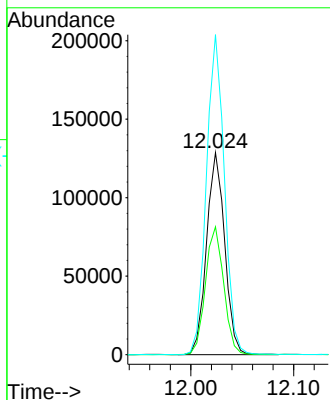
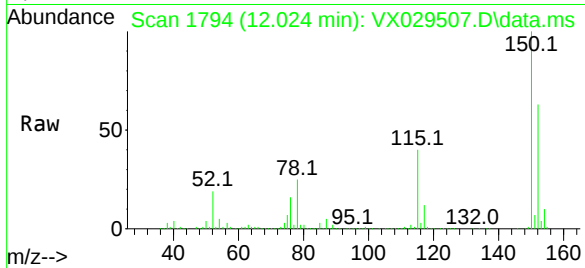




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

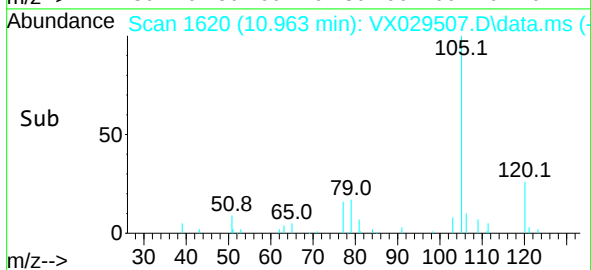
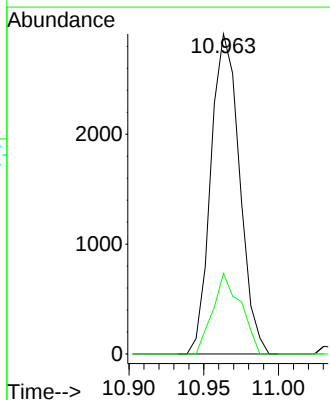
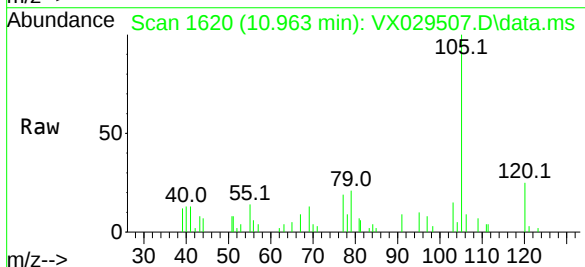
Instrument :
MSVOA_X
ClientSampleId :
MW-2

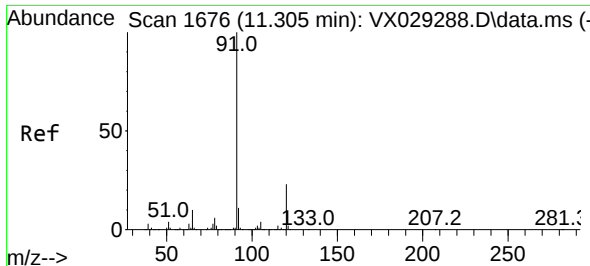
Tgt Ion:152 Resp: 158509
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 156.7 0.0 338.2



#73
Isopropylbenzene
Concen: 0.312 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion:105 Resp: 3890
Ion Ratio Lower Upper
105 100
120 24.4 13.5 40.5

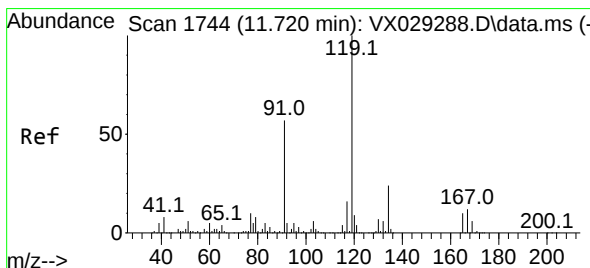
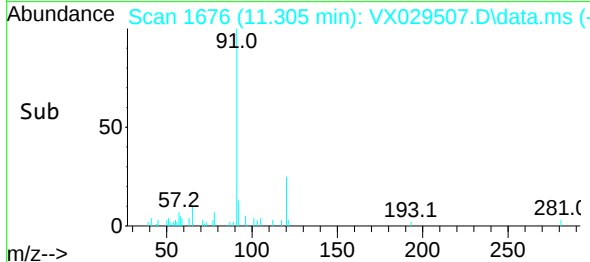
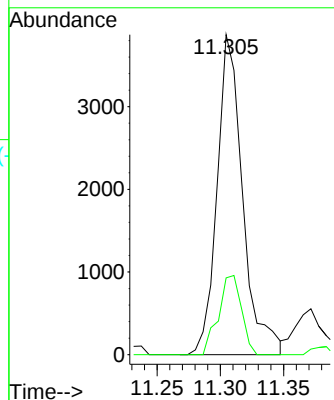
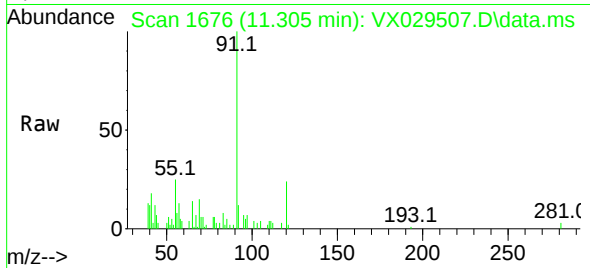




#78
n-propylbenzene
Concen: 0.385 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

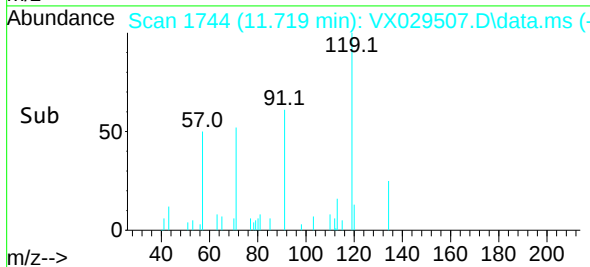
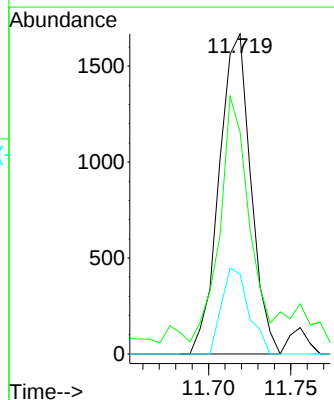
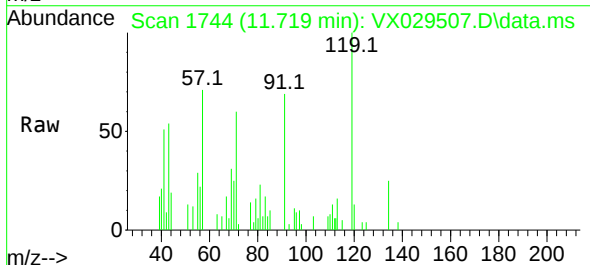
Instrument :
MSVOA_X
ClientSampleId :
MW-2

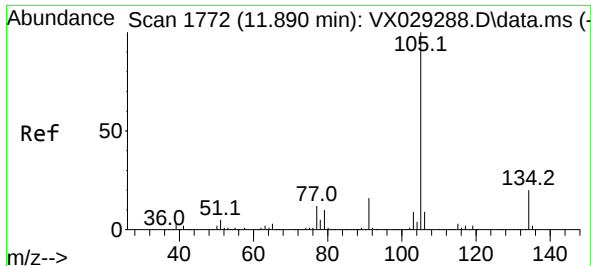
Tgt Ion: 91 Resp: 5450
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8



#83
tert-Butylbenzene
Concen: 0.218 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029507.D
Acq: 15 Jun 2022 14:38

Tgt Ion: 119 Resp: 2240
Ion Ratio Lower Upper
119 100
91 74.1 26.9 80.6
134 22.9 11.4 34.2

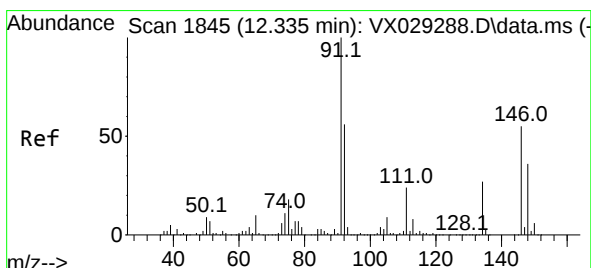
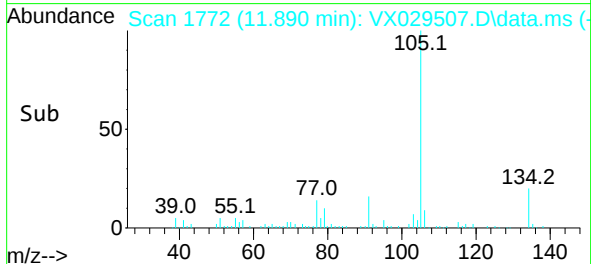
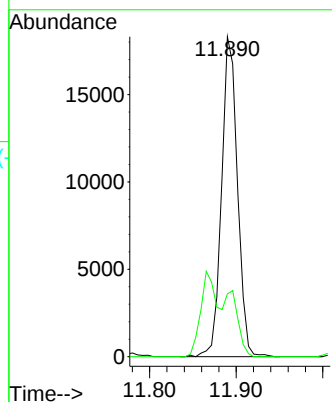
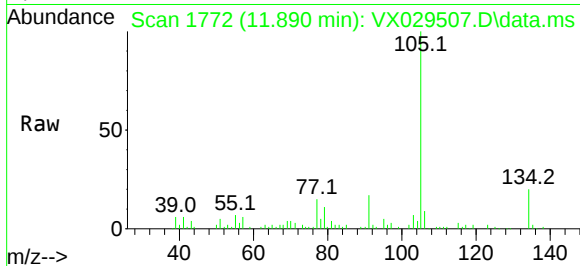




#85
 sec-Butylbenzene
 Concen: 1.848 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029507.D
 Acq: 15 Jun 2022 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Tgt Ion:105 Resp: 23329
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 1.516 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX029507.D
 Acq: 15 Jun 2022 14:38

Tgt Ion: 91 Resp: 13526
 Ion Ratio Lower Upper
 91 100
 92 43.3 27.8 83.3
 134 52.7 13.3 39.8#

