

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029624.D
 Acq On : 20 Jun 2022 15:40
 Operator : JC/MD
 Sample : N3290-15DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DDL

Quant Time: Jun 21 01:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

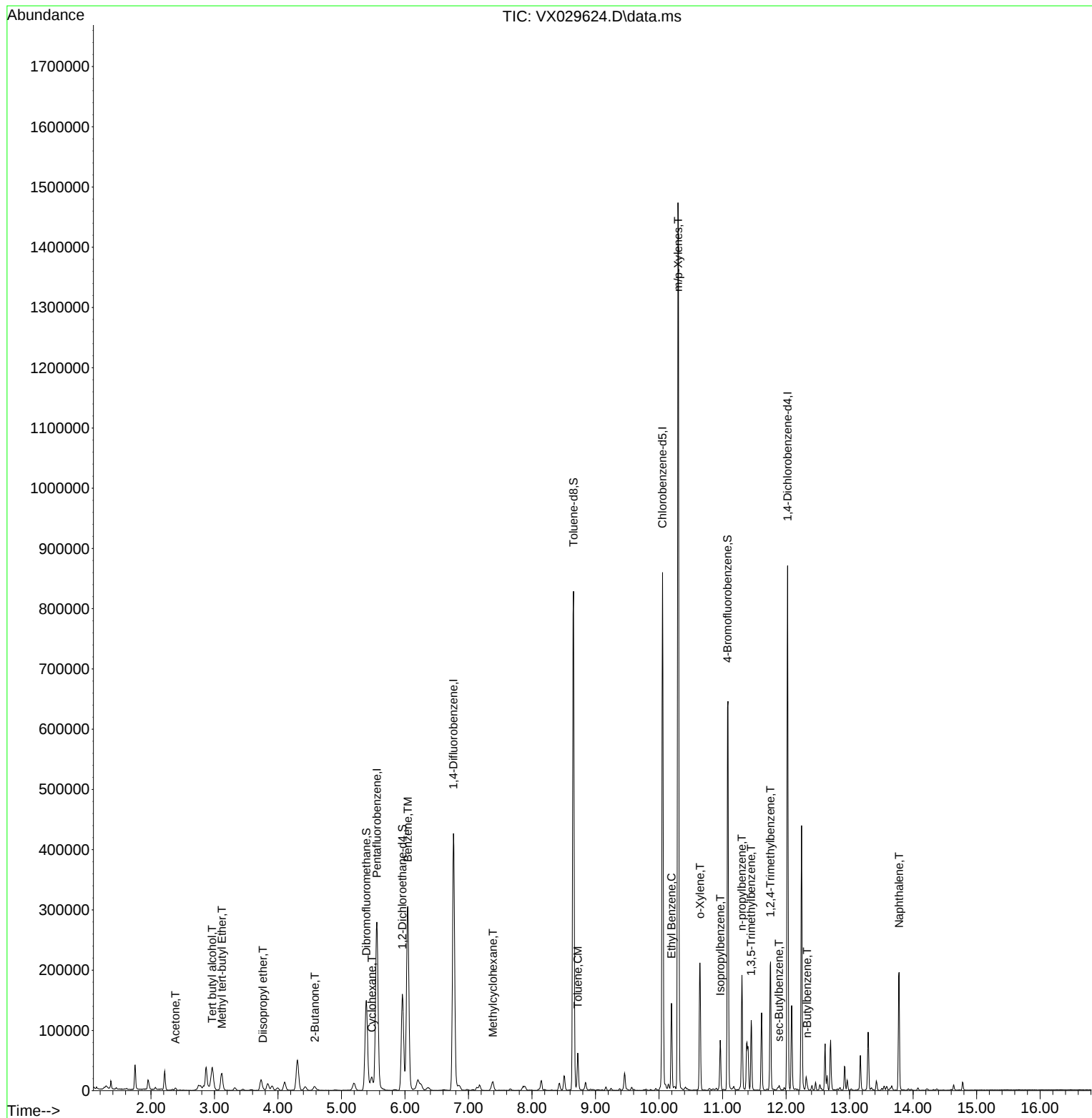
Internal Standards						
1) Pentafluorobenzene	5.556	168	268713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	452519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152278	42.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.620%
35) Dibromofluoromethane	5.391	113	133333	45.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.653	98	516088	47.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	191149	47.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	50886	58.561	ug/l	97
16) Acetone	2.386	43	4274	3.015	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	26737	2.829	ug/l #	59
22) Diisopropyl ether	3.763	45	2257	0.260	ug/l #	68
25) 2-Butanone	4.580	43	3106	1.386	ug/l #	58
31) Cyclohexane	5.477	56	15159	3.174	ug/l	99
39) Methylcyclohexane	7.385	83	6606	1.328	ug/l	91
40) Benzene	6.044	78	386535	32.671	ug/l	97
52) Toluene	8.720	92	22466	2.965	ug/l	99
67) Ethyl Benzene	10.195	91	83297	5.918	ug/l	98
68) m/p-Xylenes	10.299	106	357112	65.063	ug/l	98
69) o-Xylene	10.646	106	48920	9.021	ug/l	97
73) Isopropylbenzene	10.963	105	42378	3.184	ug/l	98
78) n-propylbenzene	11.305	91	114514	7.640	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	50713	4.525	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	100267	8.970	ug/l	99
85) sec-Butylbenzene	11.890	105	3463	0.256	ug/l	91
89) n-Butylbenzene	12.329	91	4836	0.505	ug/l #	48
95) Naphthalene	13.780	128	125304	10.064	ug/l	100

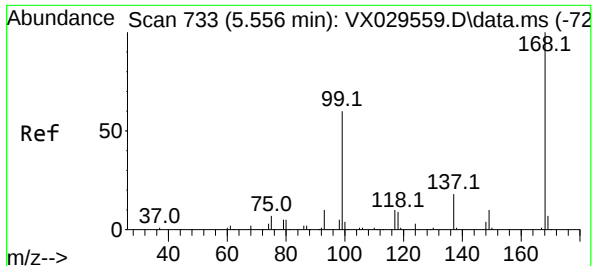
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-28DDL

Quant Time: Jun 21 01:51:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
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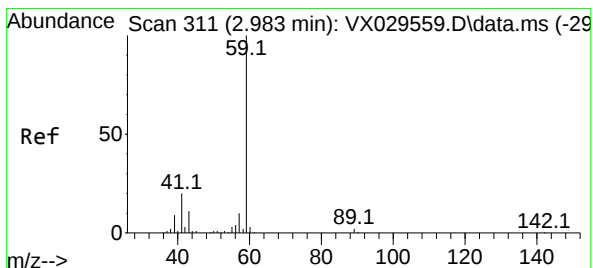
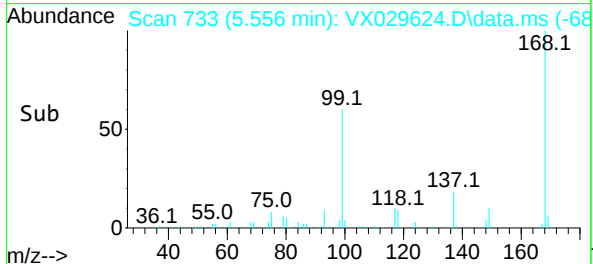
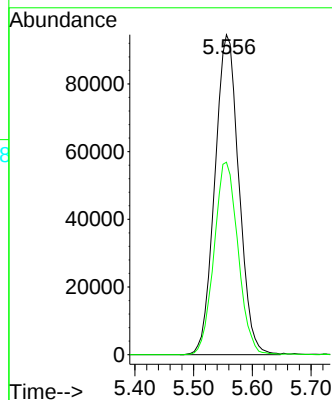
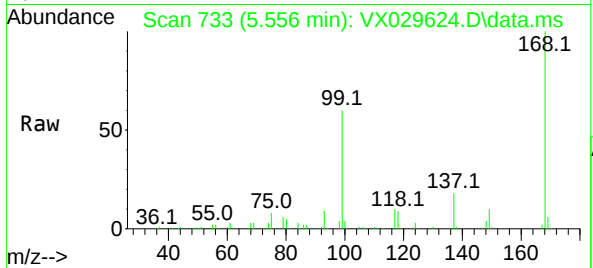




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

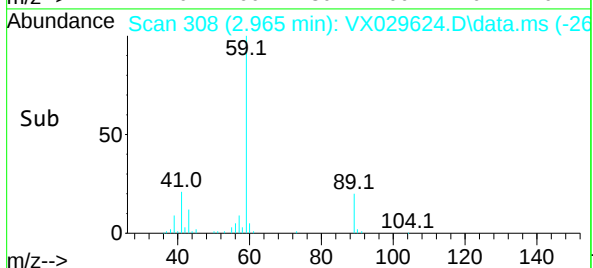
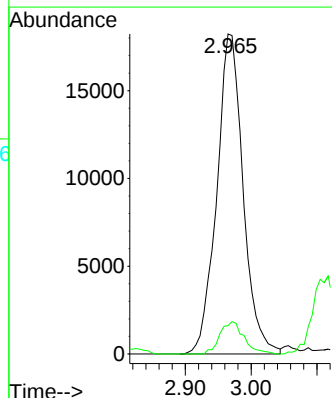
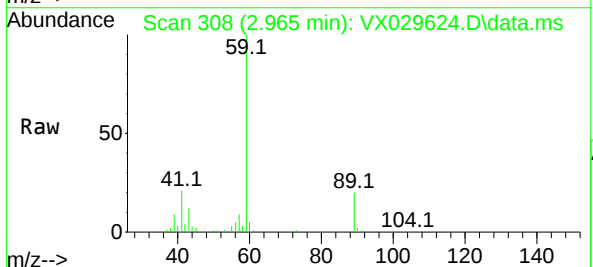
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

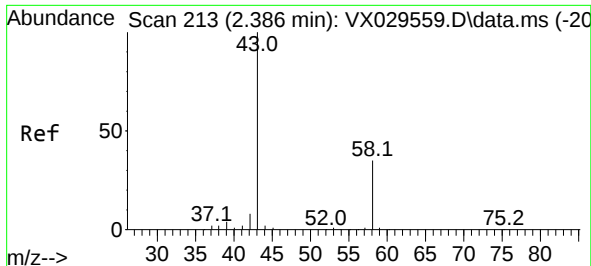
Tgt Ion:168 Resp: 268713
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#11
Tert butyl alcohol
Concen: 58.561 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 59 Resp: 50886
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

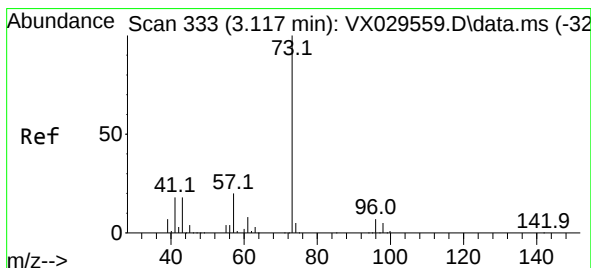
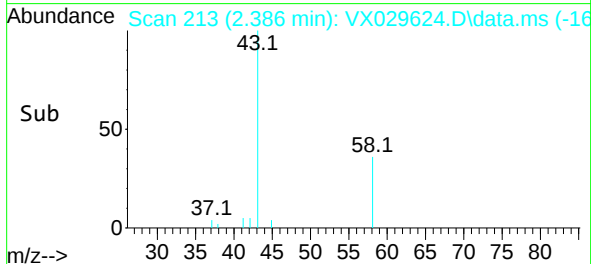
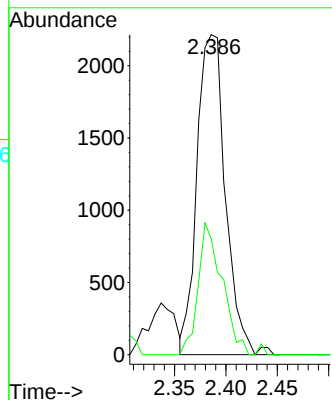
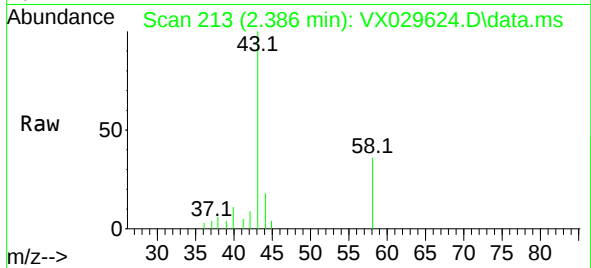




#16
Acetone
Concen: 3.015 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

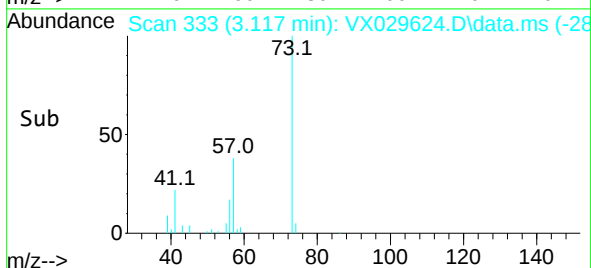
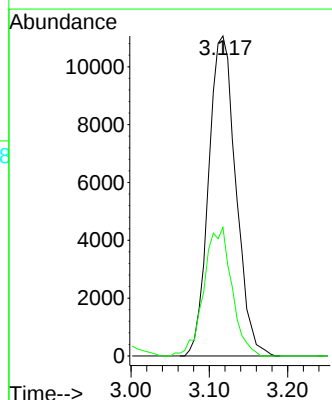
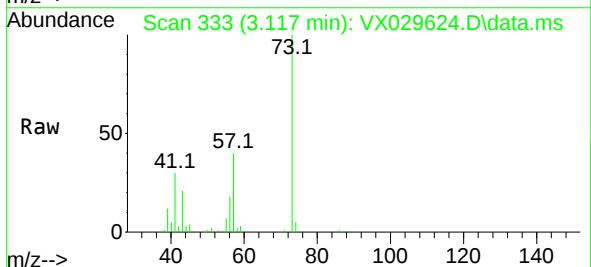
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

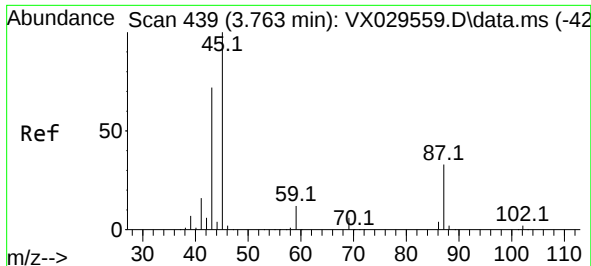
Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 2.829 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

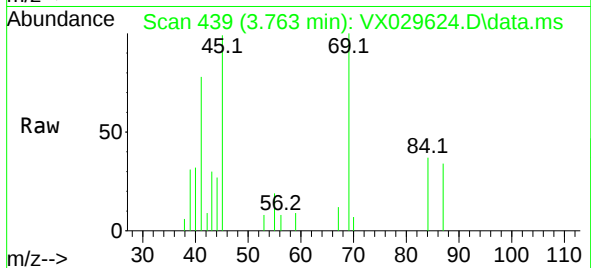
Tgt Ion: 73 Resp: 26737
Ion Ratio Lower Upper
73 100
57 40.2 16.8 25.2#



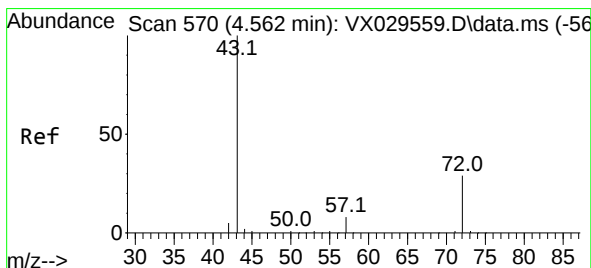
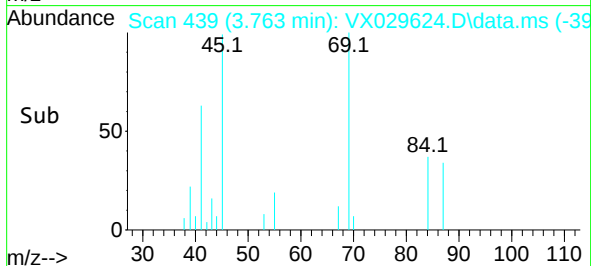
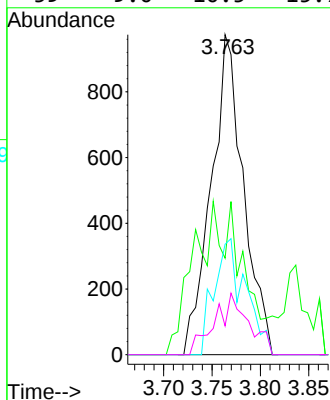


#22
Diisopropyl ether
Concen: 0.260 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

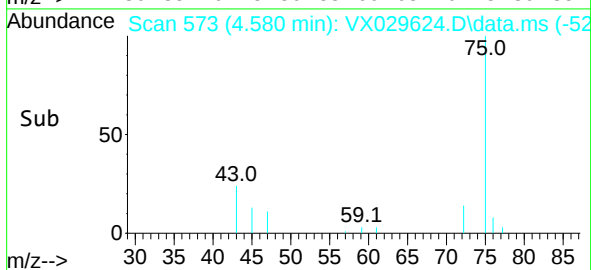
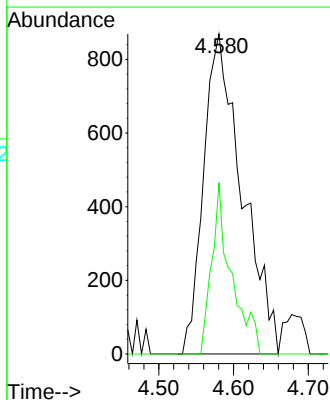
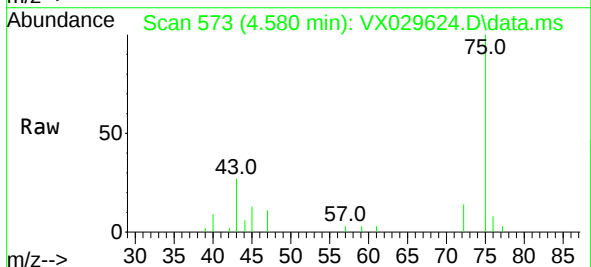


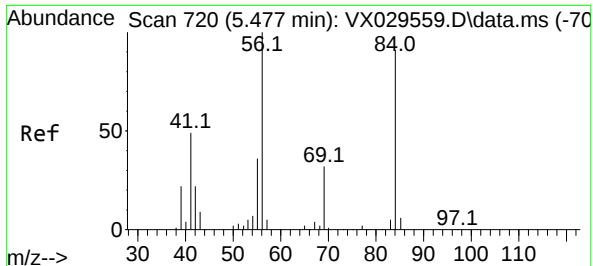
Tgt Ion:	45	Resp:	2257
Ion	Ratio	Lower	Upper
45	100		
43	23.0	50.8	76.2#
87	34.5	26.6	39.8
59	9.0	10.5	15.7#



#25
2-Butanone
Concen: 1.386 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion:	43	Resp:	3106
Ion	Ratio	Lower	Upper
43	100		
72	53.5	24.4	36.6#

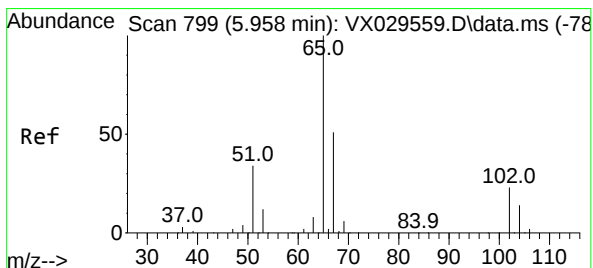
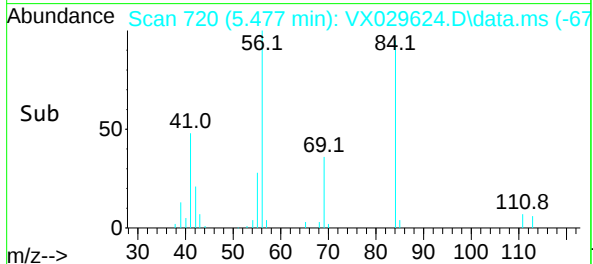
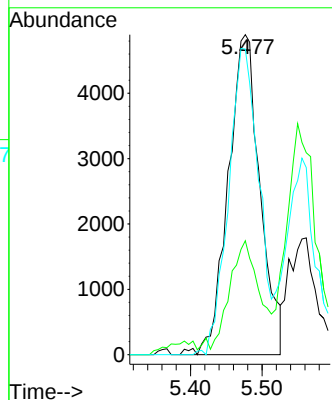
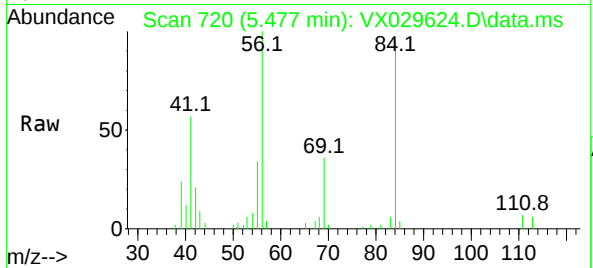




#31
Cyclohexane
Concen: 3.174 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

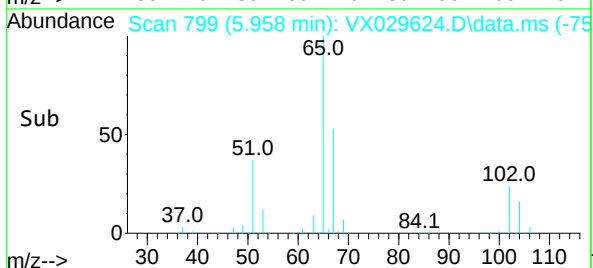
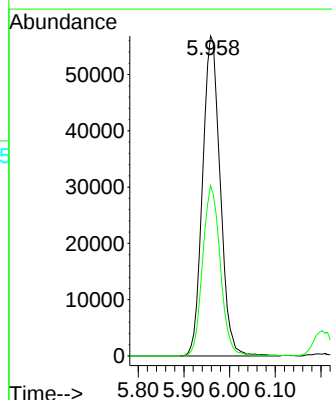
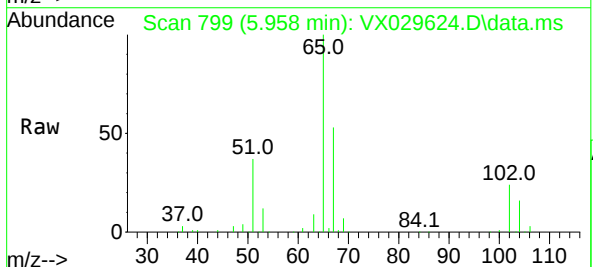
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

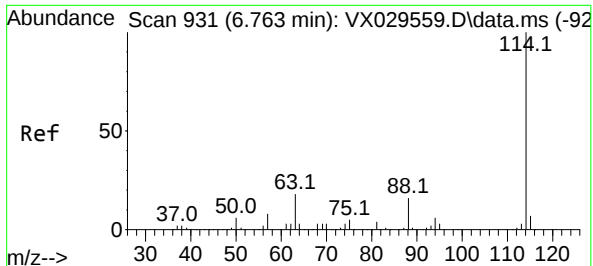
Tgt Ion: 56 Resp: 15159
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 95.5 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 42.810 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 65 Resp: 152278
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

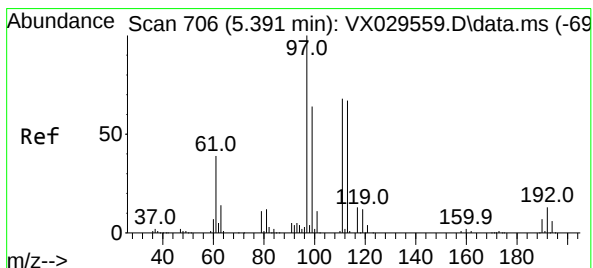
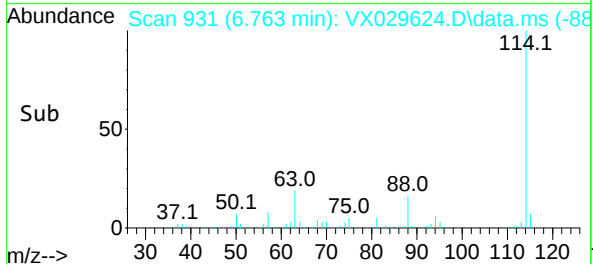
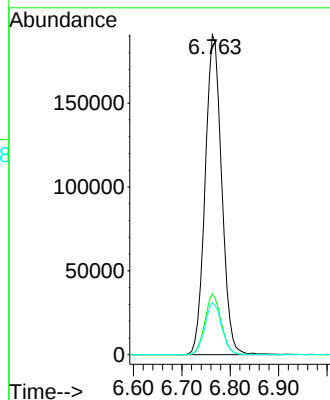
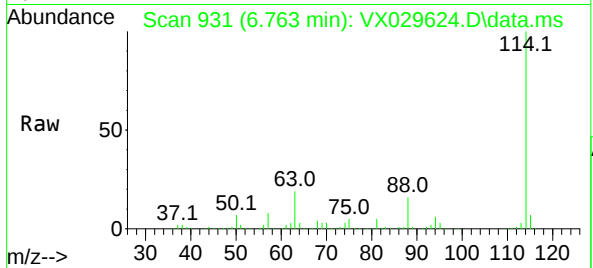




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

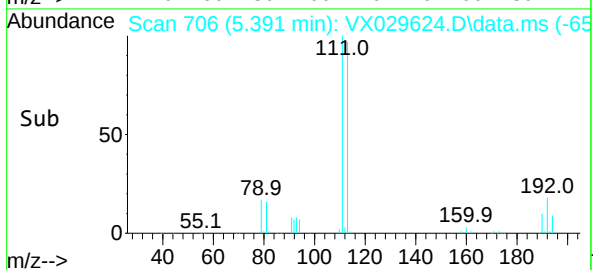
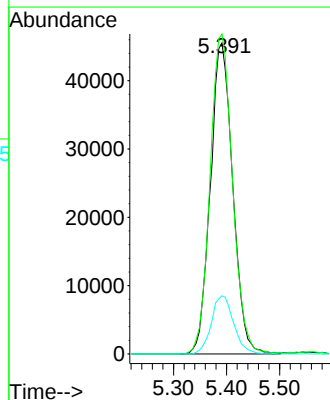
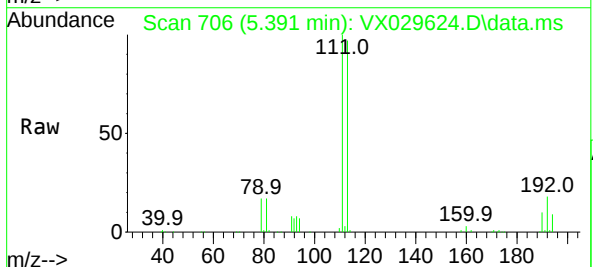
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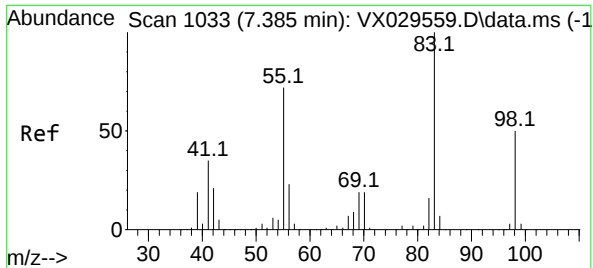
Tgt Ion:114 Resp: 452519
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.213 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion:113 Resp: 133333
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 18.6 16.9 25.3

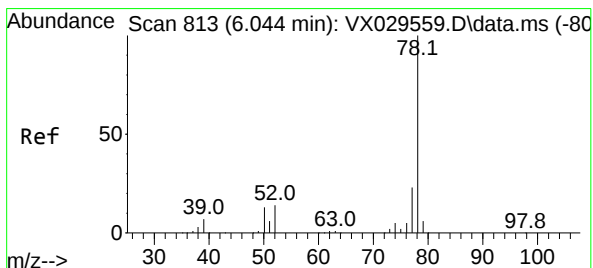
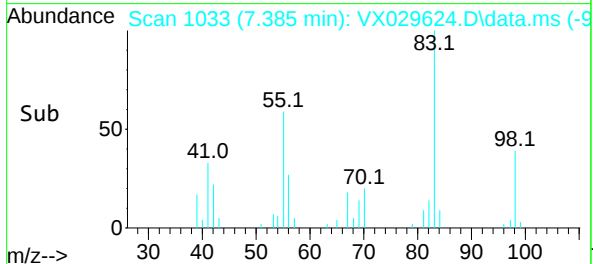
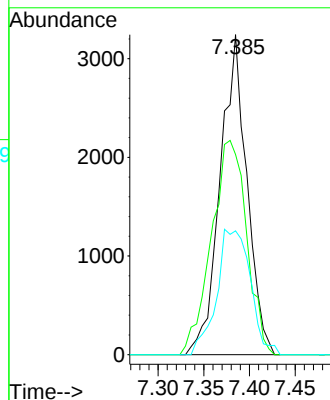
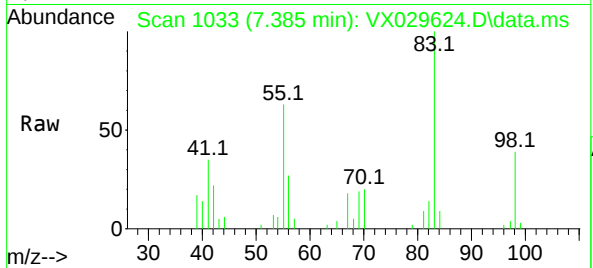




#39
Methylcyclohexane
Concen: 1.328 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

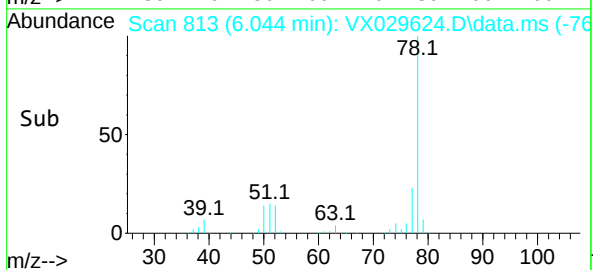
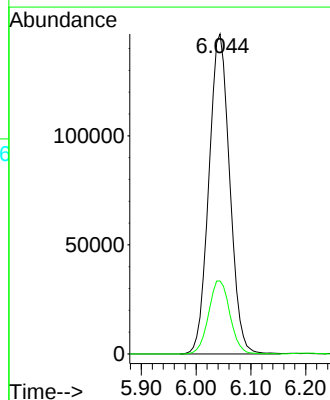
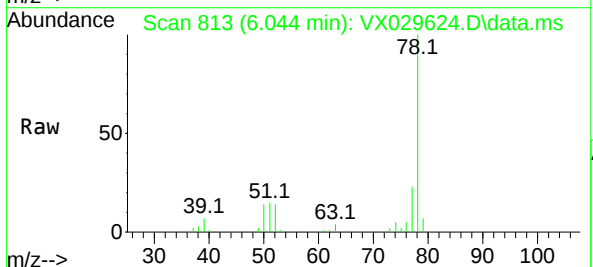
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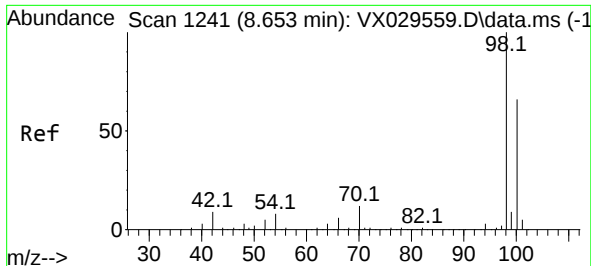
Tgt Ion: 83 Resp: 6606
Ion Ratio Lower Upper
83 100
55 62.5 54.6 81.8
98 38.7 37.4 56.2



#40
Benzene
Concen: 32.671 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 78 Resp: 386535
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9

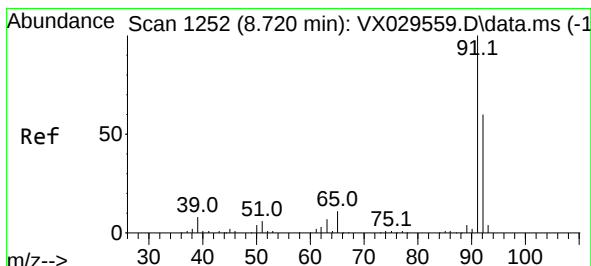
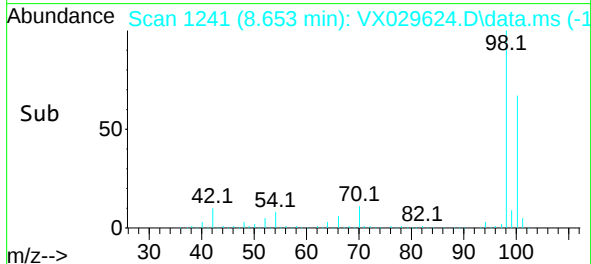
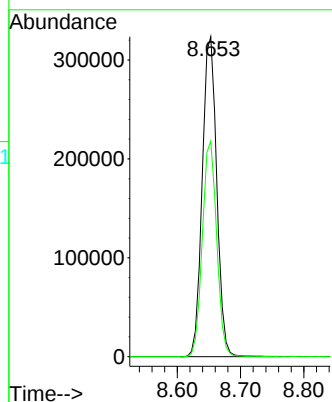
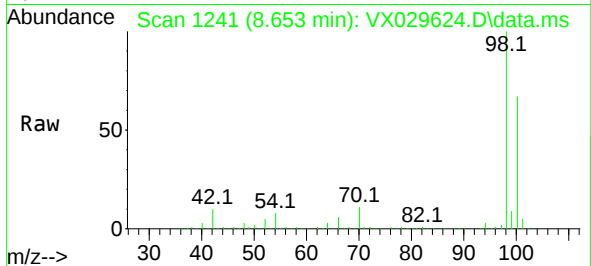




#50
Toluene-d8
Concen: 47.904 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

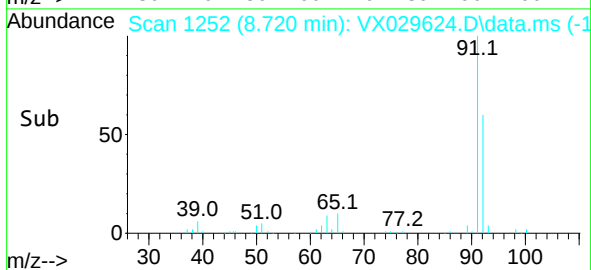
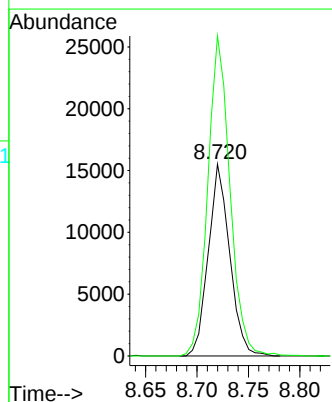
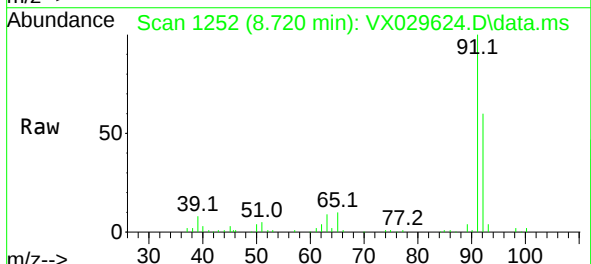
Instrument :
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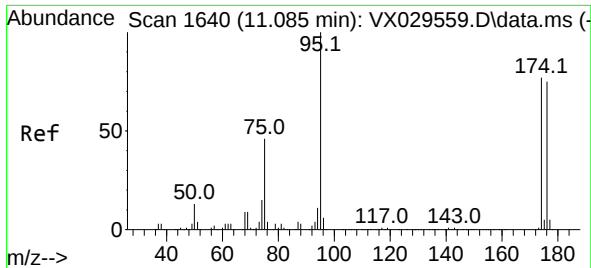
Tgt Ion: 98 Resp: 516088
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#52
Toluene
Concen: 2.965 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 92 Resp: 22466
Ion Ratio Lower Upper
92 100
91 172.8 137.5 206.3

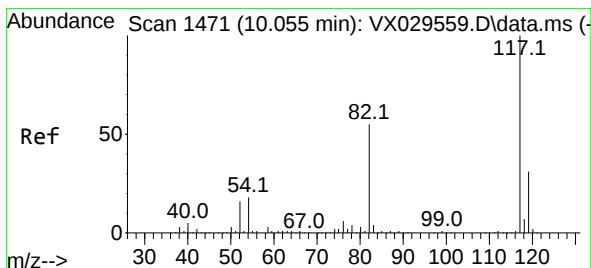
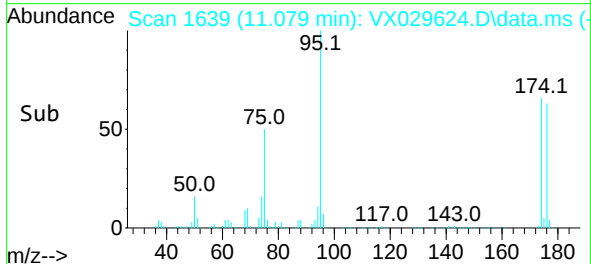
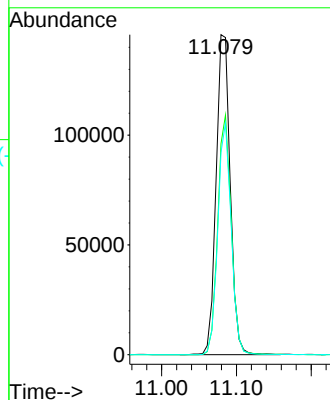
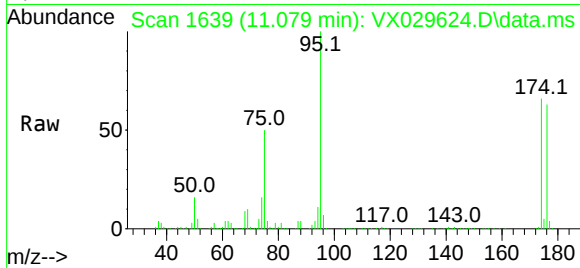




#62
4-Bromofluorobenzene
Concen: 47.049 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

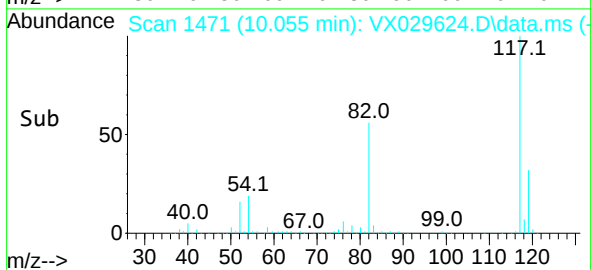
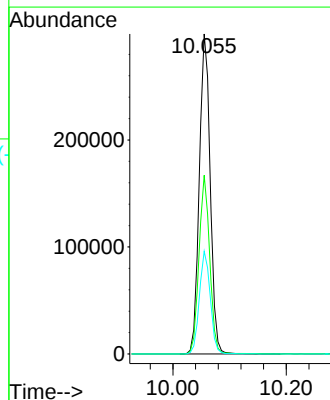
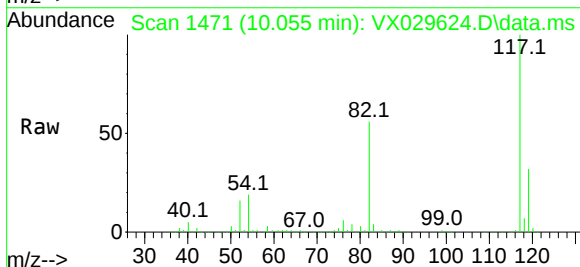
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

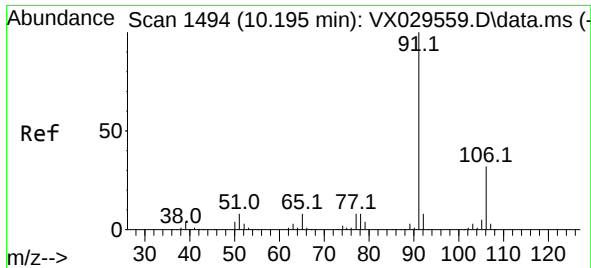
Tgt Ion: 95 Resp: 191149
Ion Ratio Lower Upper
95 100
174 71.5 0.0 163.0
176 68.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 117 Resp: 398729
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.1 24.8 37.2

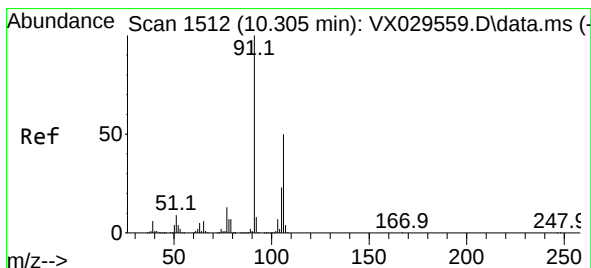
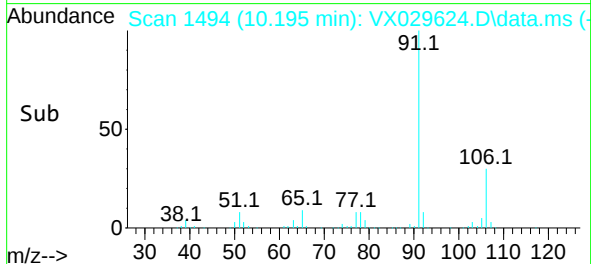
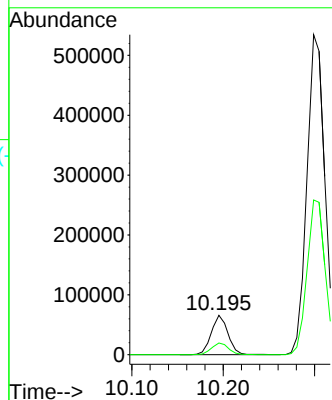
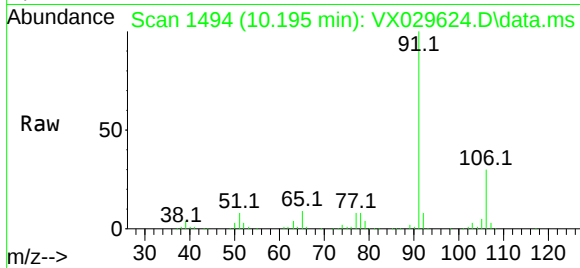




#67
Ethyl Benzene
Concen: 5.918 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

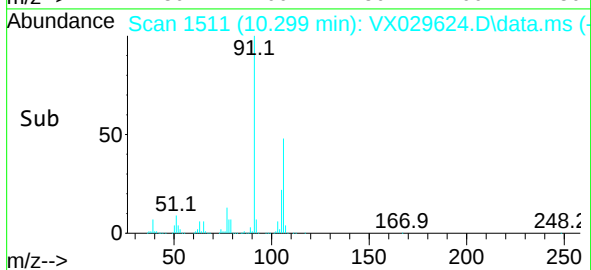
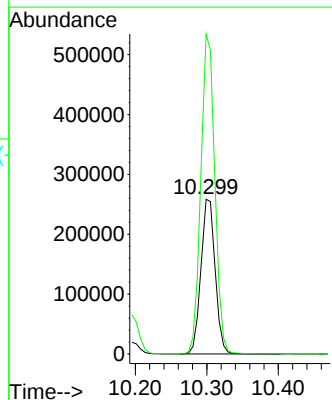
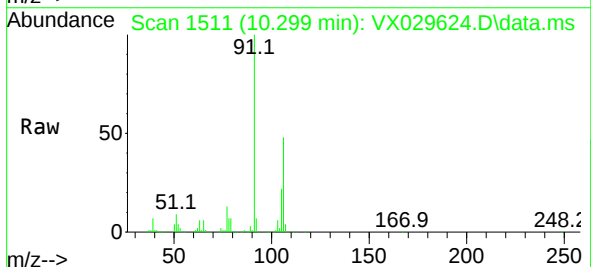
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

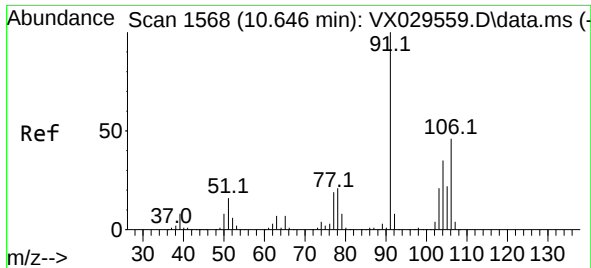
Tgt Ion: 91 Resp: 83297
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8



#68
m/p-Xylenes
Concen: 65.063 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 106 Resp: 357112
Ion Ratio Lower Upper
106 100
91 203.2 160.4 240.6

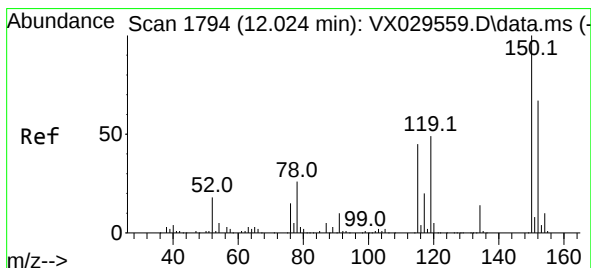
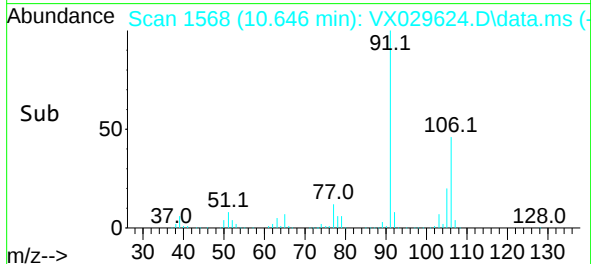
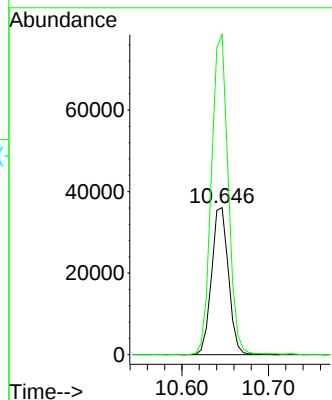
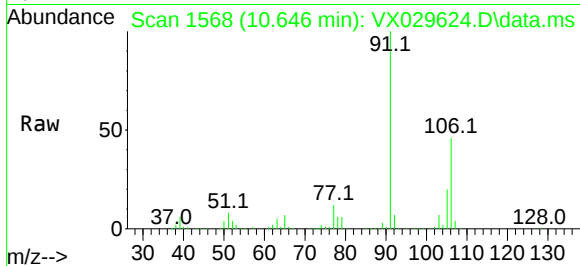




#69
o-Xylene
Concen: 9.021 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

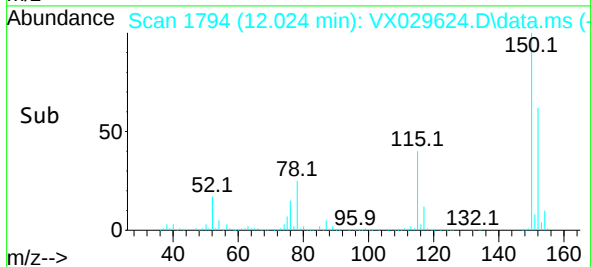
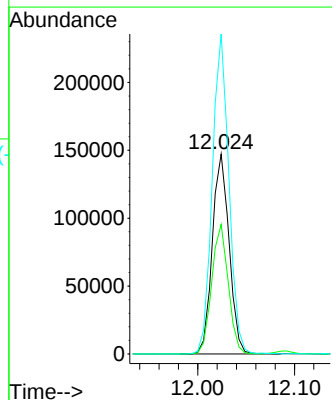
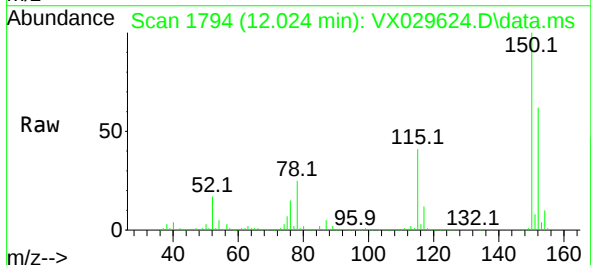
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

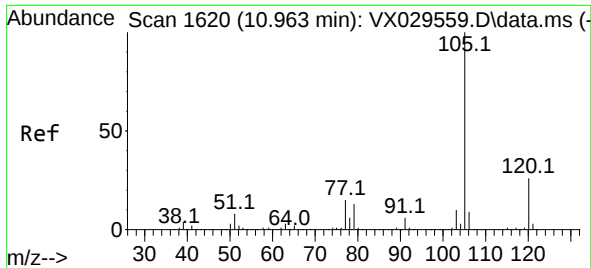
Tgt Ion:106 Resp: 48920
Ion Ratio Lower Upper
106 100
91 216.3 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion:152 Resp: 177496
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 158.0 0.0 338.2

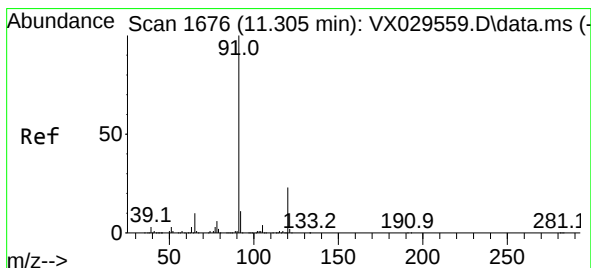
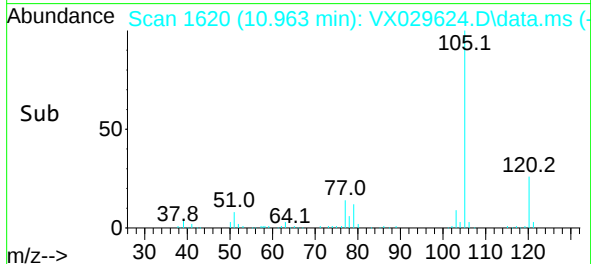
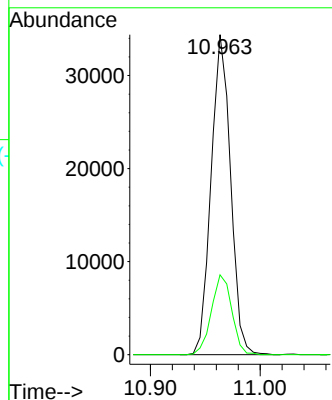
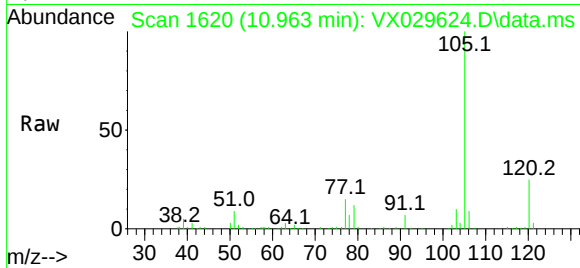




#73
Isopropylbenzene
Concen: 3.184 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

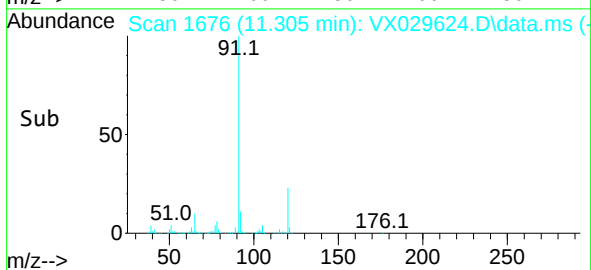
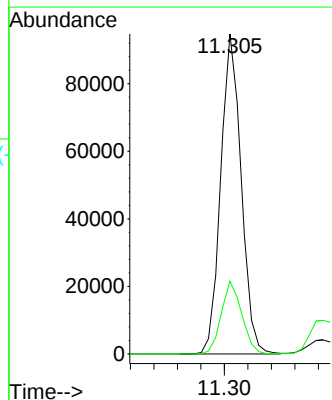
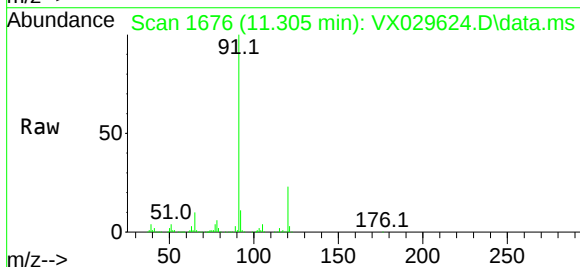
Instrument :
MSVOA_X
ClientSampleId :
MW-28DDL

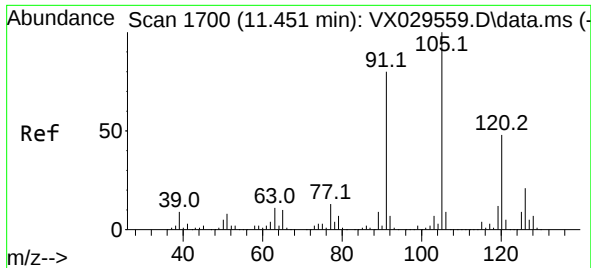
Tgt Ion:105 Resp: 42378
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5



#78
n-propylbenzene
Concen: 7.640 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029624.D
Acq: 20 Jun 2022 15:40

Tgt Ion: 91 Resp: 114514
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

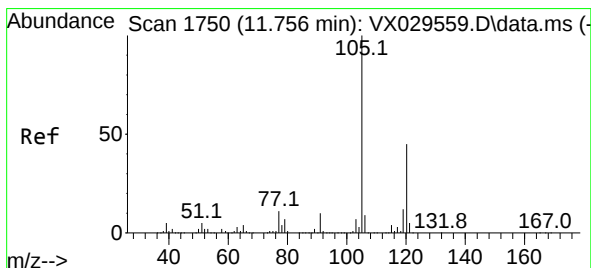
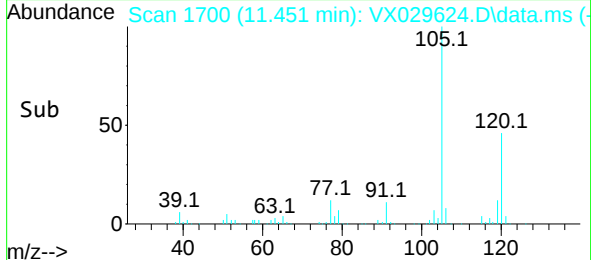
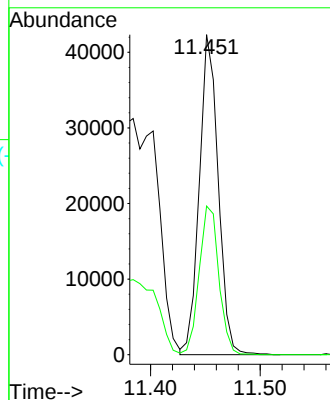
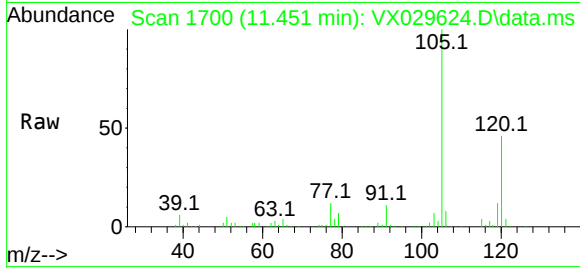




#80
 1,3,5-Trimethylbenzene
 Concen: 4.525 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029624.D
 Acq: 20 Jun 2022 15:40

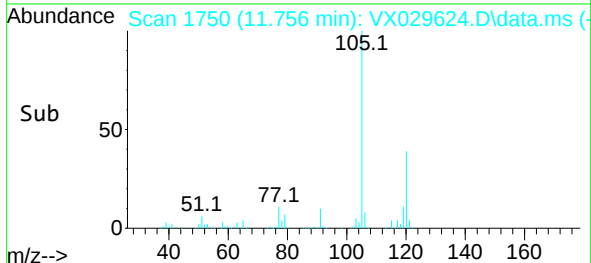
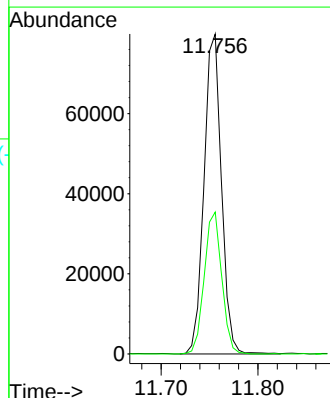
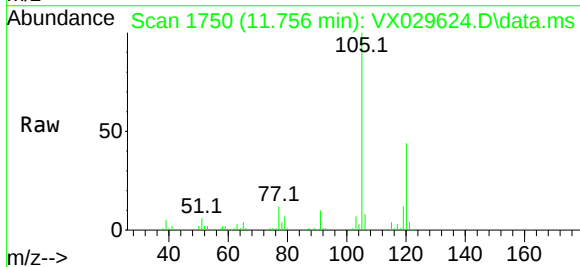
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DDL

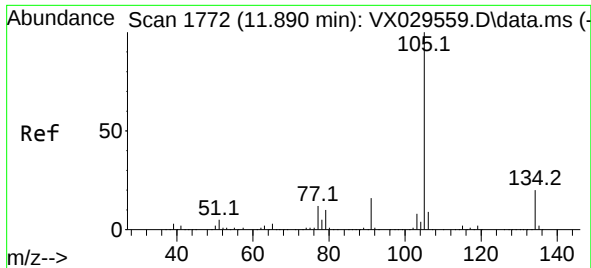
Tgt Ion:105 Resp: 50713
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 8.970 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029624.D
 Acq: 20 Jun 2022 15:40

Tgt Ion:105 Resp: 100267
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.8

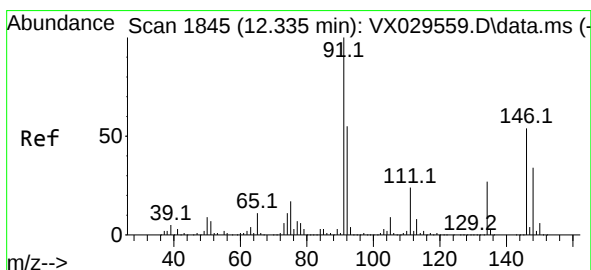
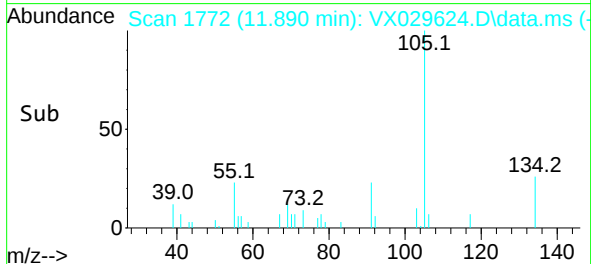
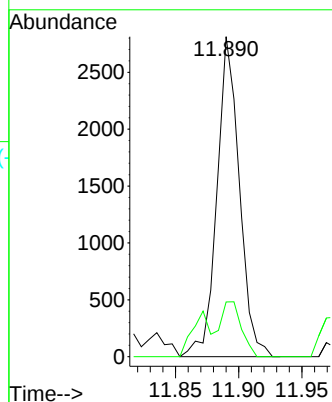
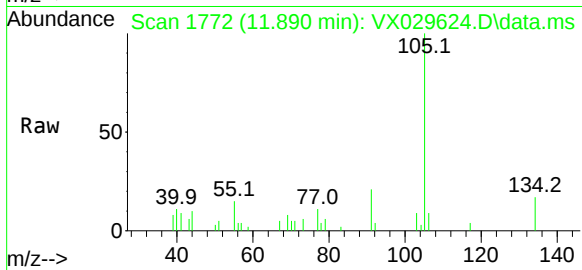




#85
 sec-Butylbenzene
 Concen: 0.256 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VX029624.D
 Acq: 20 Jun 2022 15:40

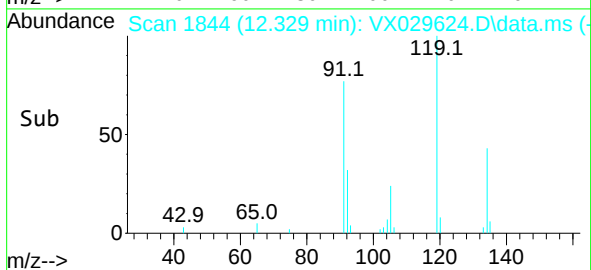
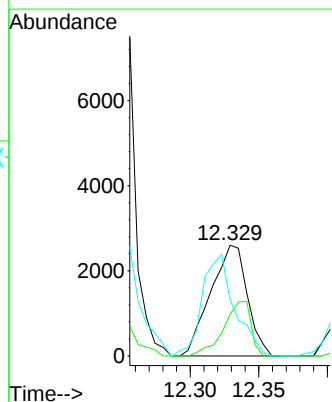
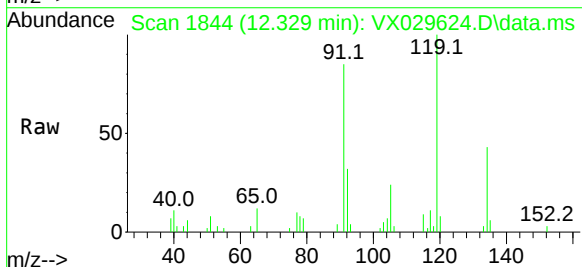
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DDL

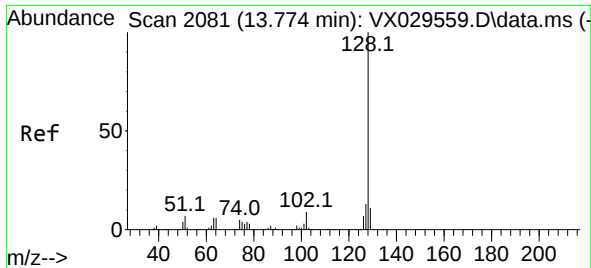
Tgt Ion:105 Resp: 3463
 Ion Ratio Lower Upper
 105 100
 134 16.3 10.2 30.4



#89
 n-Butylbenzene
 Concen: 0.505 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX029624.D
 Acq: 20 Jun 2022 15:40

Tgt Ion: 91 Resp: 4836
 Ion Ratio Lower Upper
 91 100
 92 36.8 27.8 83.3
 134 81.0 13.3 39.8#





#95

Naphthalene

Concen: 10.064 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029624.D

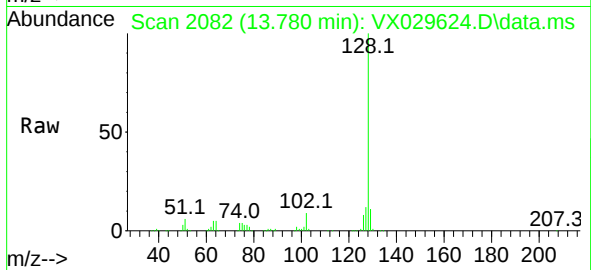
Acq: 20 Jun 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-28DDL



Tgt Ion:128 Resp: 125304

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.7 13.1

