

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035614.D
 Acq On : 11 May 2023 17:50
 Operator : JC/MD
 Sample : 02744-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-OILYWATERDL

Quant Time: May 12 03:52:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

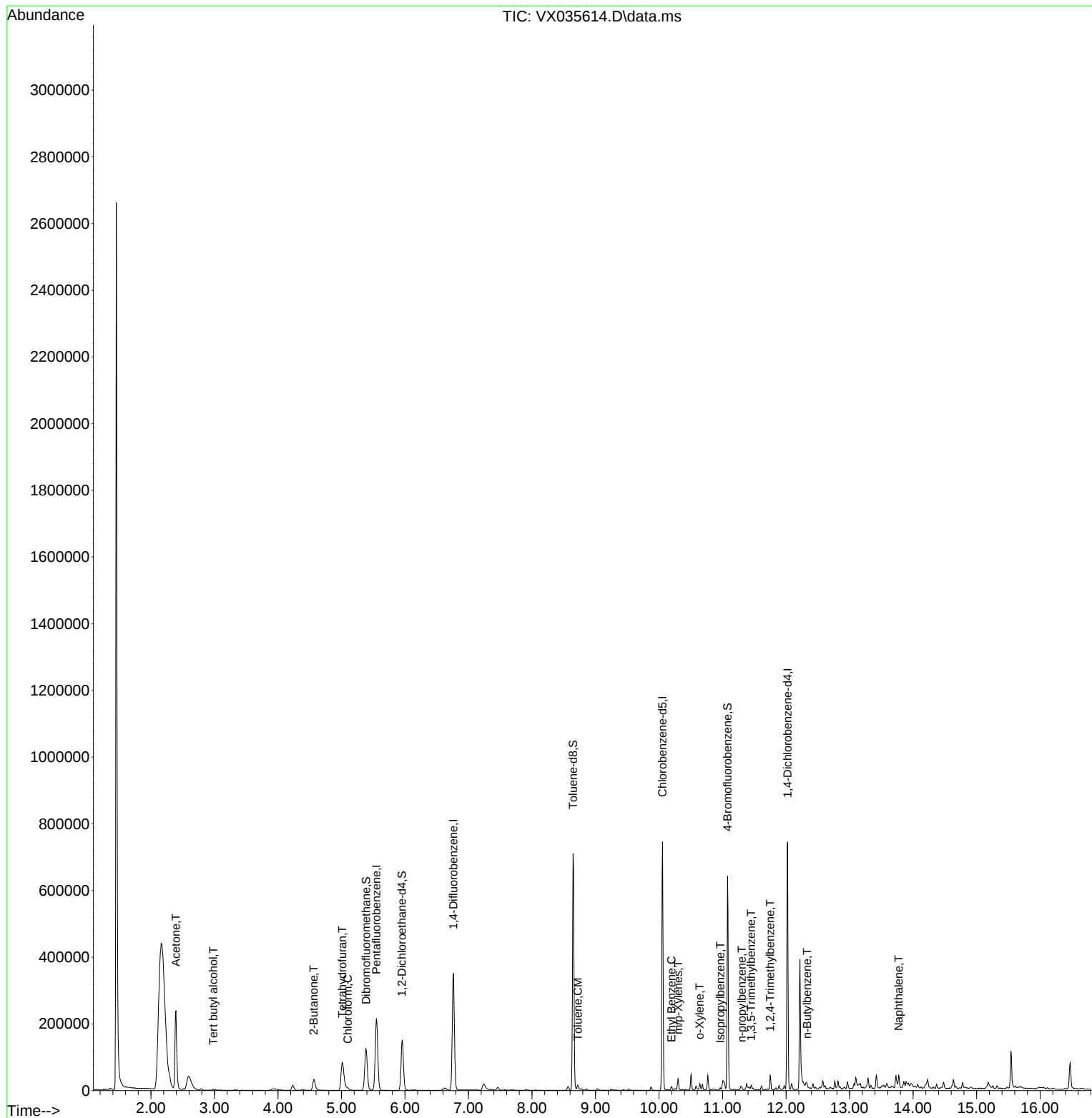
Internal Standards						
1) Pentafluorobenzene	5.549	168	183317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	335916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152170	47.582	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.385	113	107962	47.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.646	98	404156	48.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	166675	49.463	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.920%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	5554	9.844	ug/l	# 88
16) Acetone	2.391	43	302962	220.415	ug/l	97
25) 2-Butanone	4.562	43	59752	31.403	ug/l	96
29) Tetrahydrofuran	5.013	42	81112	67.823	ug/l	98
30) Chloroform	5.098	83	4644	0.990	ug/l	91
52) Toluene	8.720	92	5012	0.794	ug/l	90
67) Ethyl Benzene	10.195	91	5340	0.429	ug/l	# 87
68) m/p-Xylenes	10.299	106	6672	1.450	ug/l	95
69) o-Xylene	10.640	106	3684	0.807	ug/l	100
73) Isopropylbenzene	10.963	105	3319	0.278	ug/l	99
78) n-propylbenzene	11.304	91	3927	0.280	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4910	0.484	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	17448	1.713	ug/l	95
89) n-Butylbenzene	12.329	91	3720	0.402	ug/l	# 69
95) Naphthalene	13.774	128	19625	1.889	ug/l	99

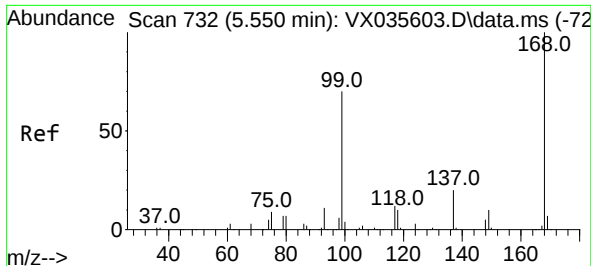
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
Data File : VX035614.D
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Quant Time: May 12 03:52:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

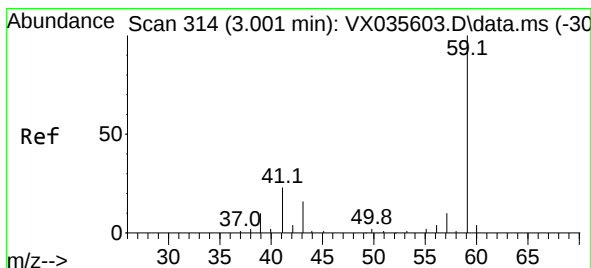
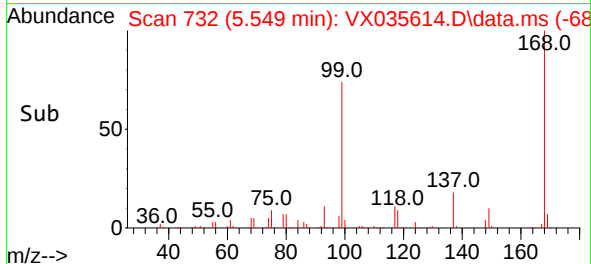
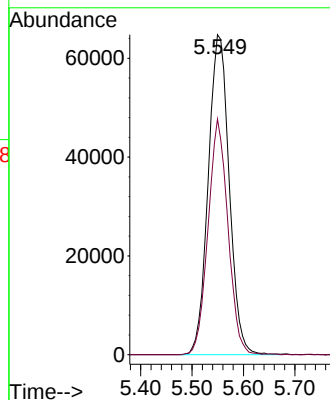
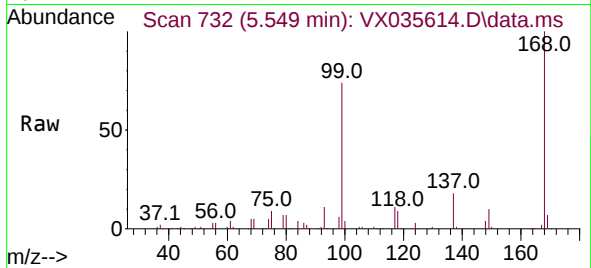




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

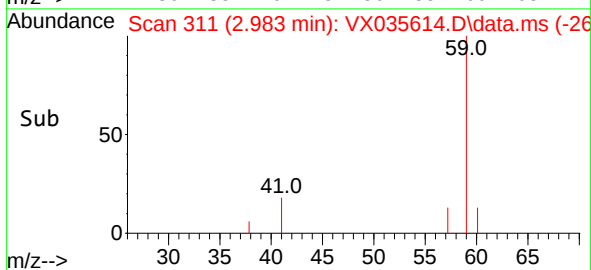
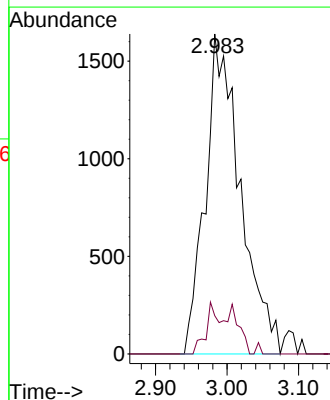
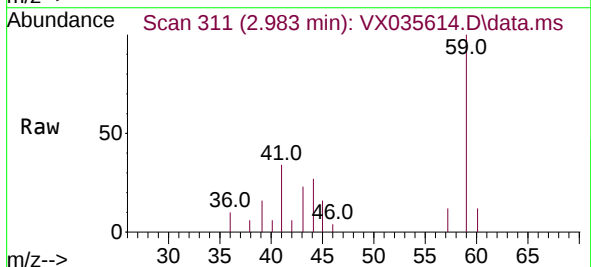
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

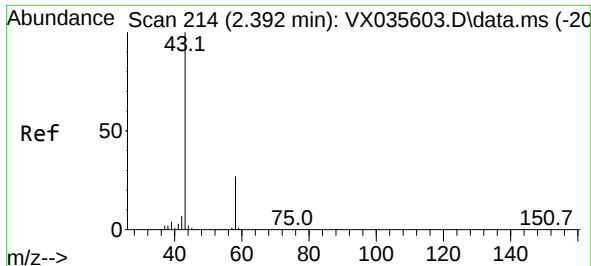
Tgt Ion:168 Resp: 183317
Ion Ratio Lower Upper
168 100
99 73.7 45.7 68.5#



#11
Tert butyl alcohol
Concen: 9.844 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.018 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

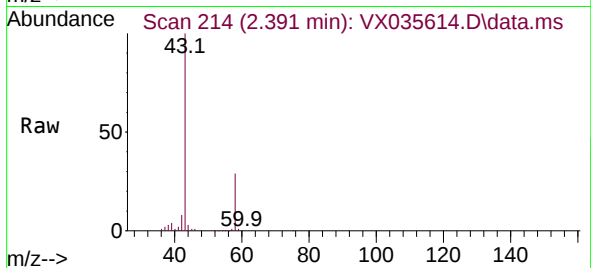
Tgt Ion: 59 Resp: 5554
Ion Ratio Lower Upper
59 100
57 5.5 8.1 12.1#



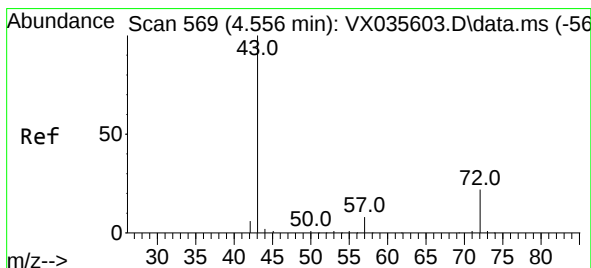
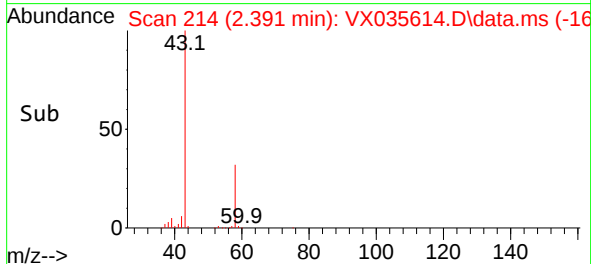
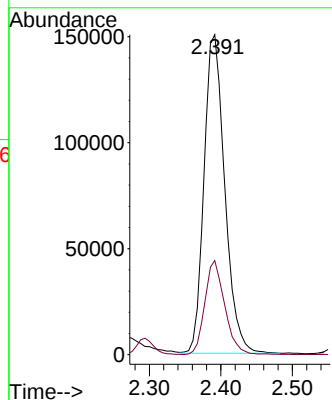


#16
Acetone
Concen: 220.415 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

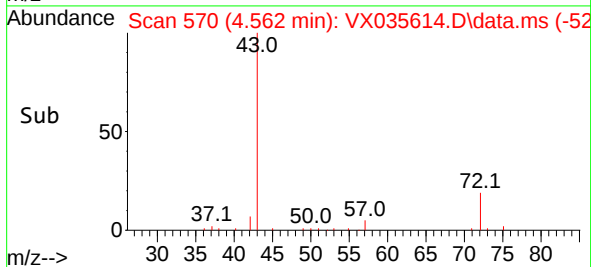
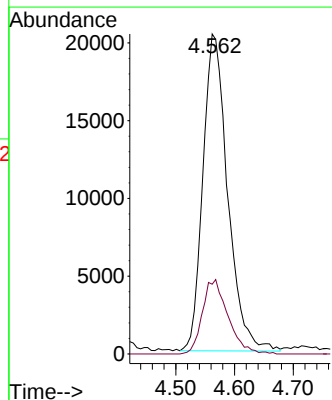
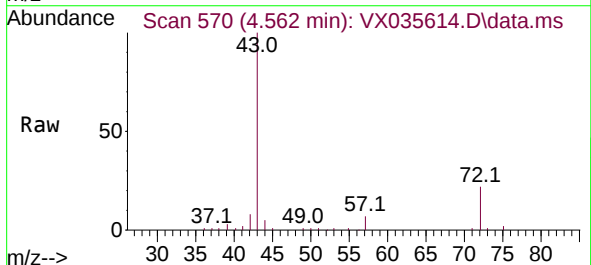


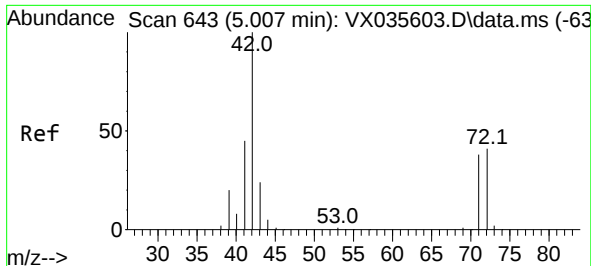
Tgt Ion: 43 Resp: 302962
Ion Ratio Lower Upper
43 100
58 29.4 24.7 37.1



#25
2-Butanone
Concen: 31.403 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion: 43 Resp: 59752
Ion Ratio Lower Upper
43 100
72 22.0 19.3 28.9

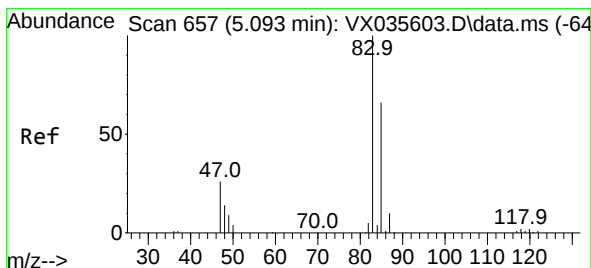
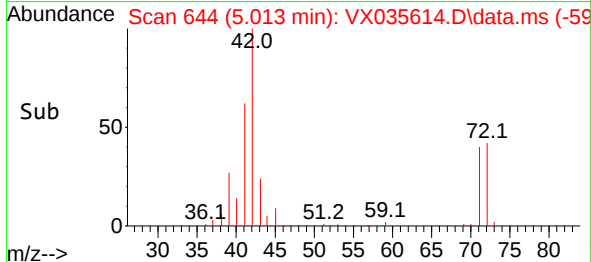
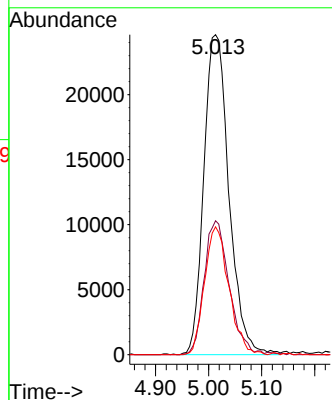
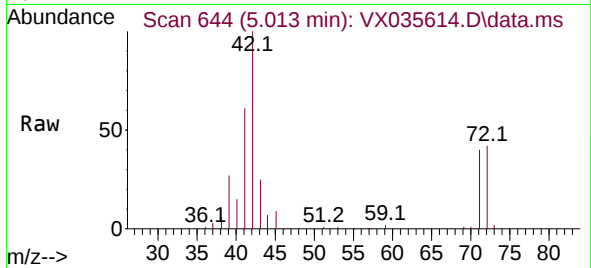




#29
Tetrahydrofuran
Concen: 67.823 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

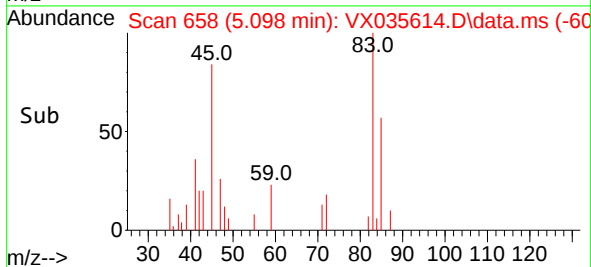
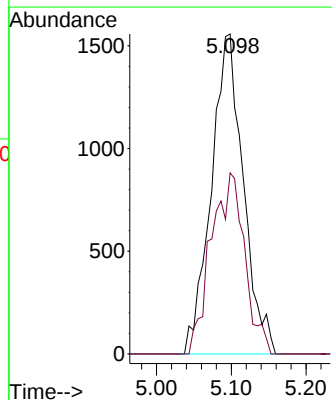
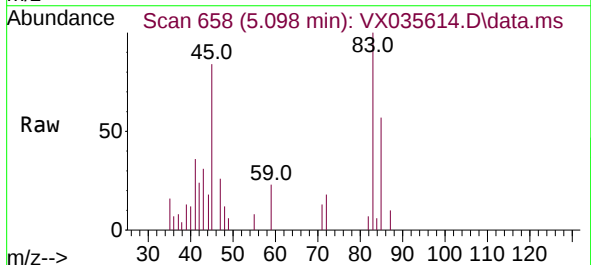
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

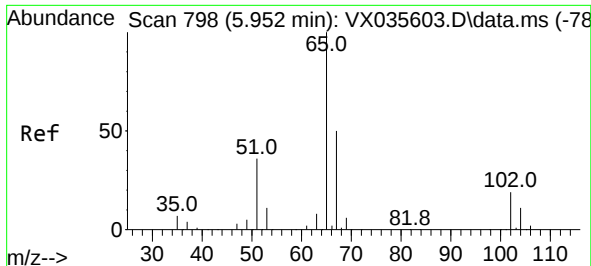
Tgt Ion: 42 Resp: 81112
Ion Ratio Lower Upper
42 100
72 41.8 34.5 51.7
71 38.6 32.1 48.1



#30
Chloroform
Concen: 0.990 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.005 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion: 83 Resp: 4644
Ion Ratio Lower Upper
83 100
85 56.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.582 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035614.D

Acq: 11 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

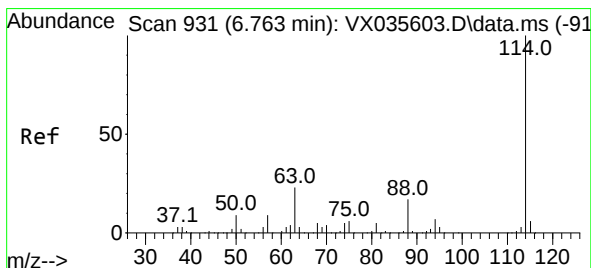
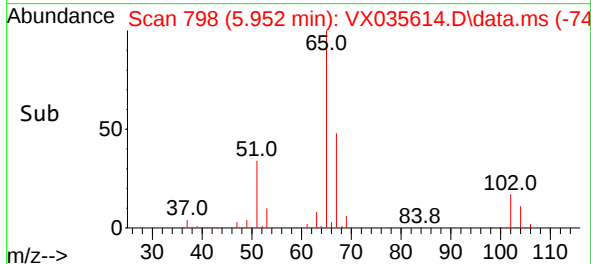
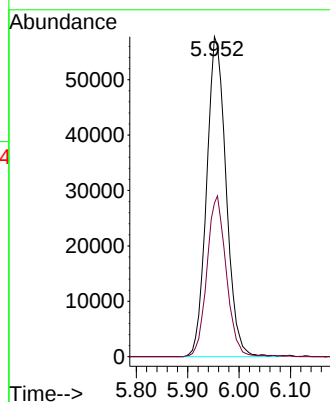
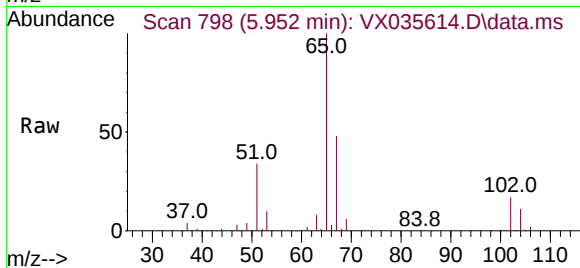
PL-OILYWATERDL

Tgt Ion: 65 Resp: 152170

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035614.D

Acq: 11 May 2023 17:50

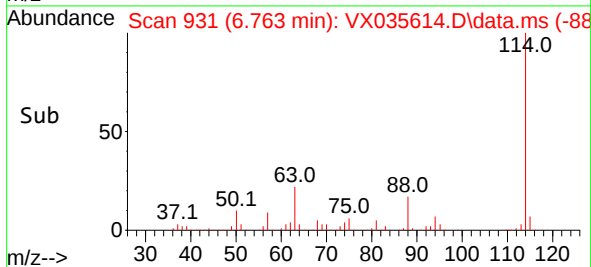
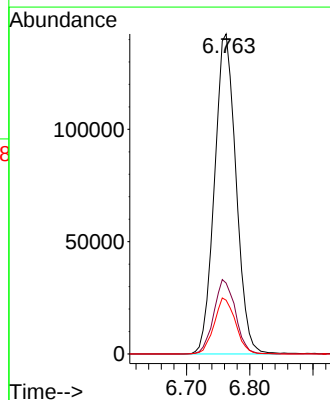
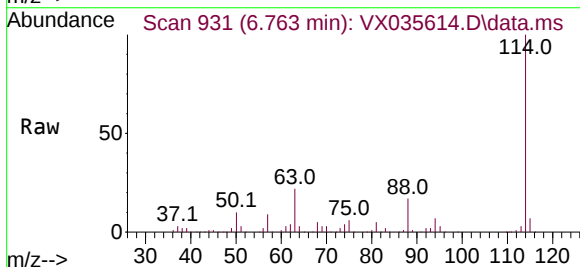
Tgt Ion: 114 Resp: 335916

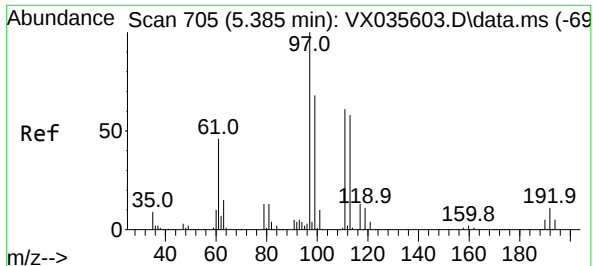
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.657 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035614.D

Acq: 11 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

PL-OILYWATERDL

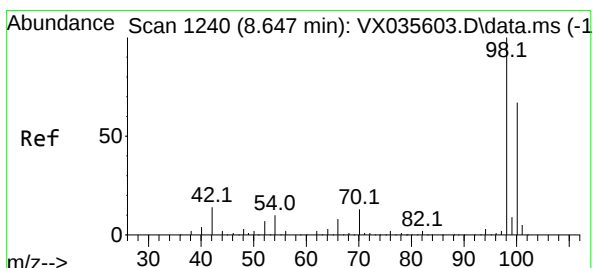
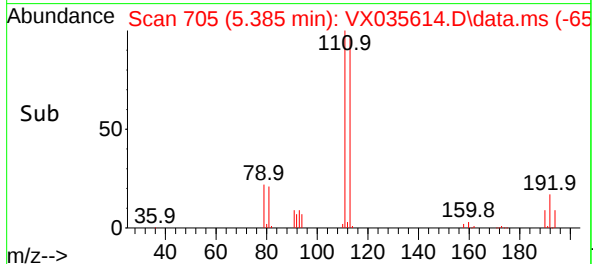
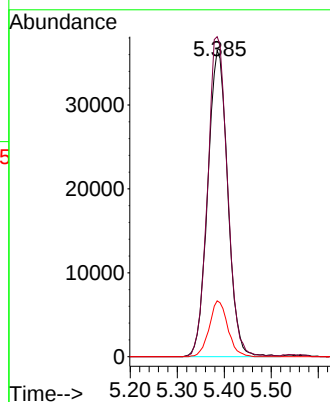
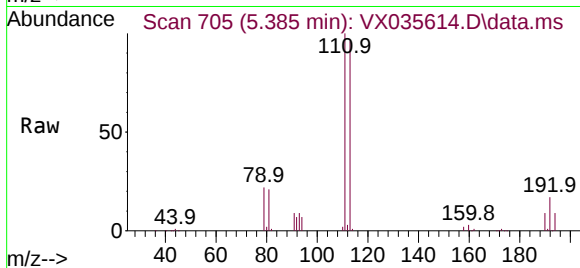
Tgt Ion:113 Resp: 107962

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 16.9 15.4 23.2



#50

Toluene-d8

Concen: 48.292 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.001 min

Lab File: VX035614.D

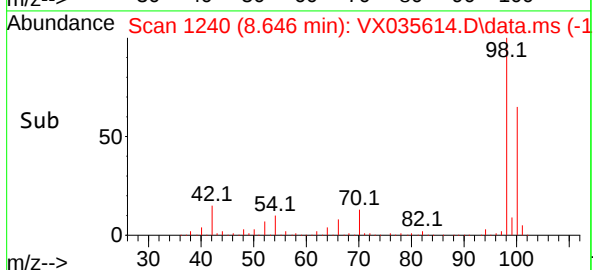
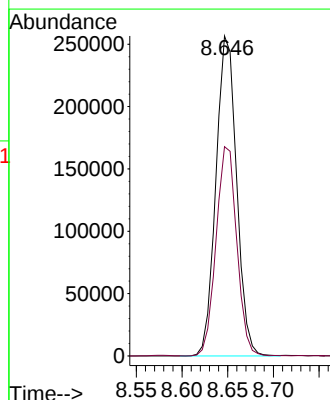
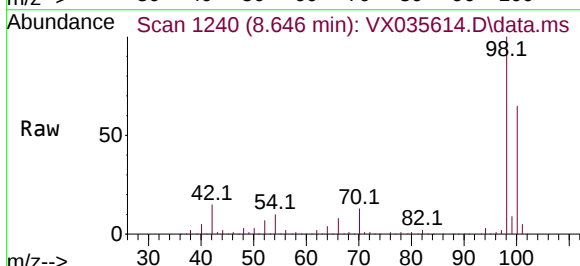
Acq: 11 May 2023 17:50

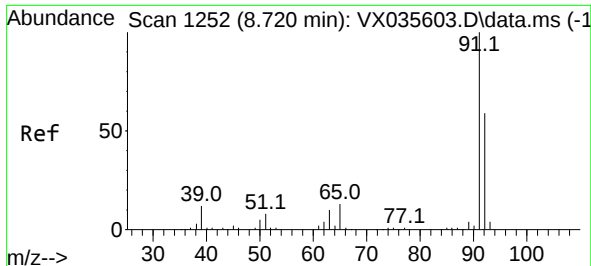
Tgt Ion: 98 Resp: 404156

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

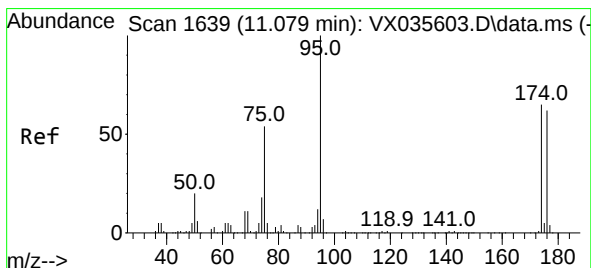
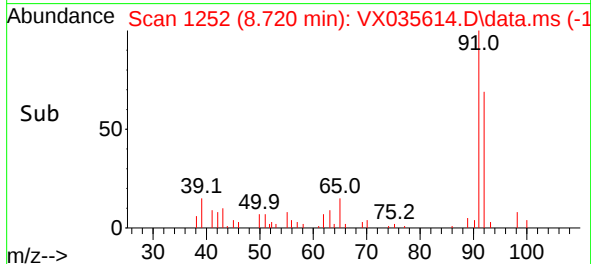
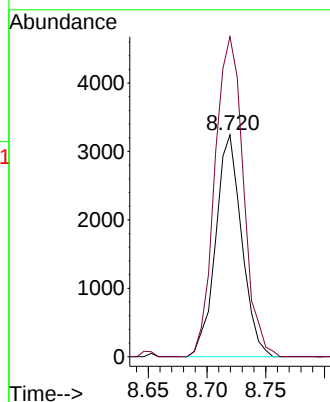
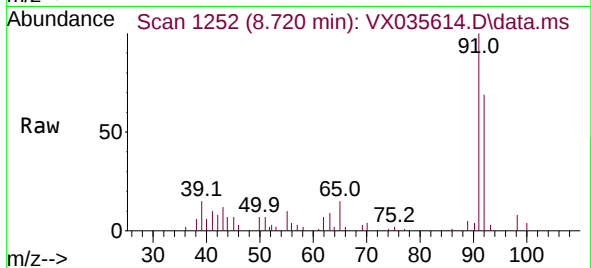




#52
Toluene
Concen: 0.794 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

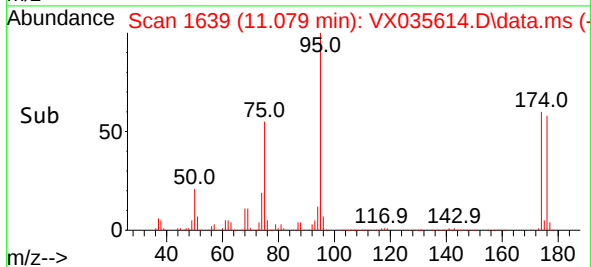
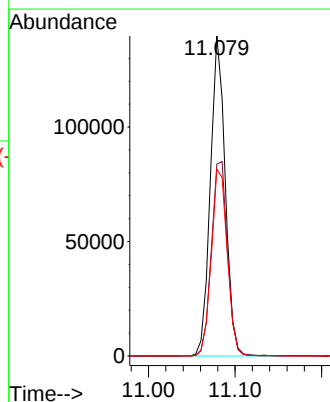
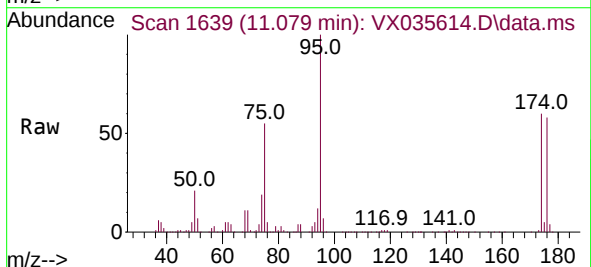
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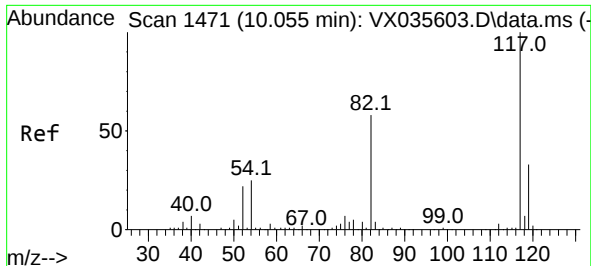
Tgt Ion: 92 Resp: 5012
Ion Ratio Lower Upper
92 100
91 157.6 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion: 95 Resp: 166675
Ion Ratio Lower Upper
95 100
174 65.9 0.0 147.4
176 62.3 0.0 140.6

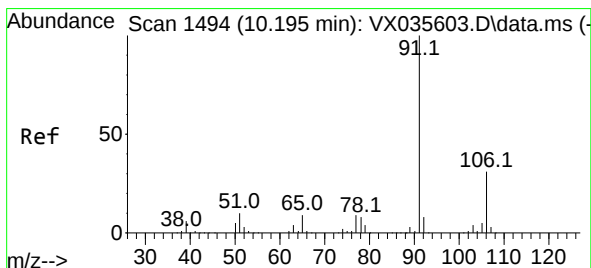
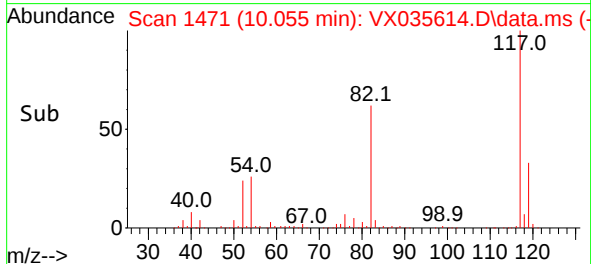
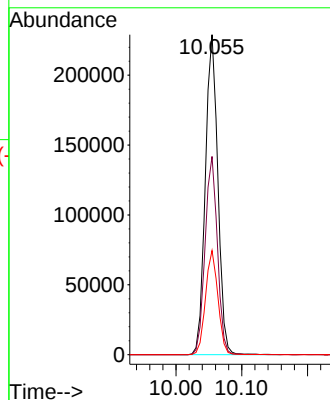
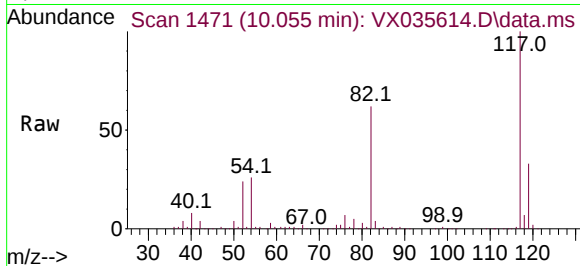




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

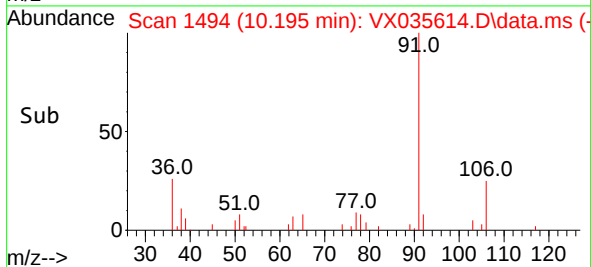
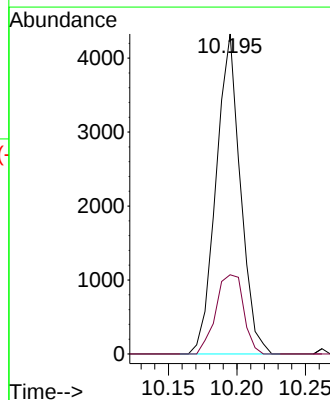
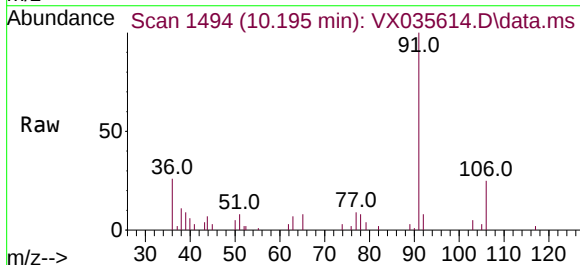
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

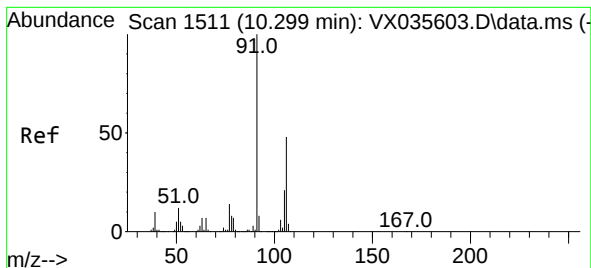
Tgt Ion:117 Resp: 303148
Ion Ratio Lower Upper
117 100
82 62.0 45.0 67.4
119 32.5 26.0 39.0



#67
Ethyl Benzene
Concen: 0.429 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion: 91 Resp: 5340
Ion Ratio Lower Upper
91 100
106 24.8 25.6 38.4#

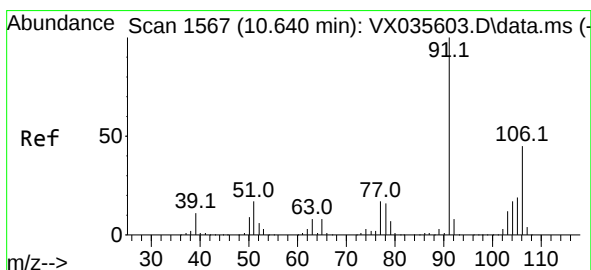
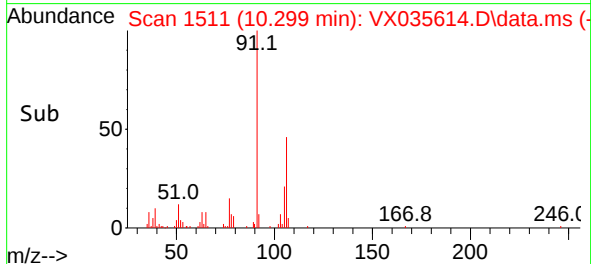
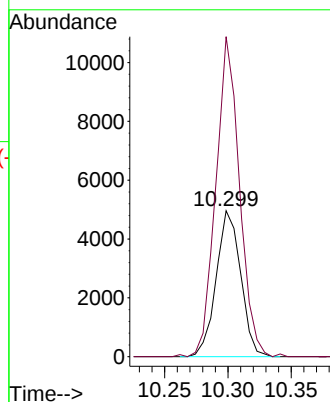
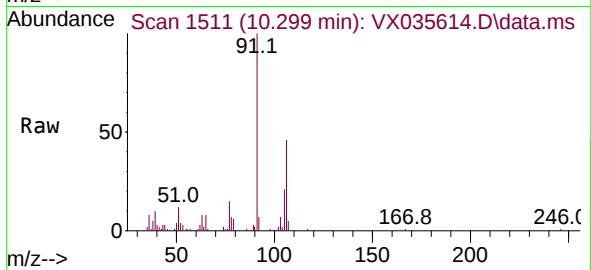




#68
m/p-Xylenes
Concen: 1.450 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

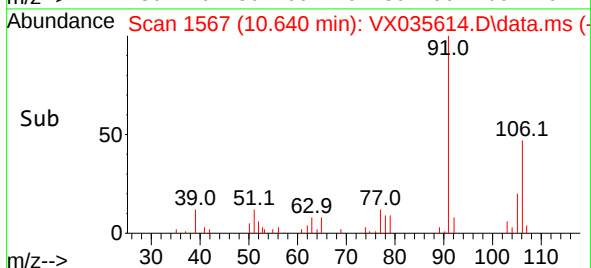
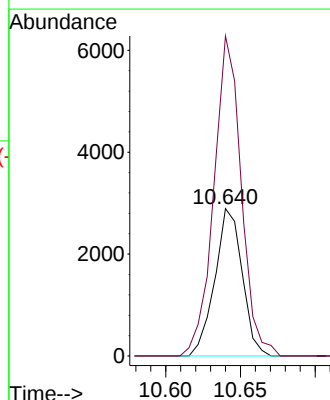
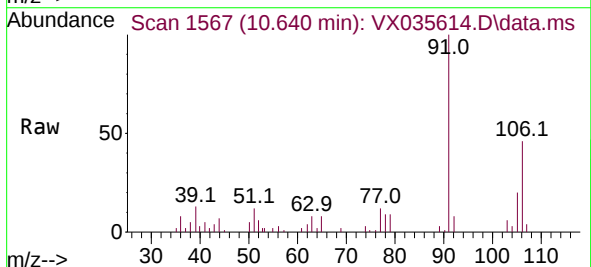
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

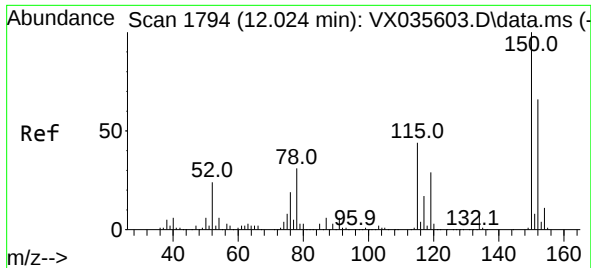
Tgt Ion:106 Resp: 6672
Ion Ratio Lower Upper
106 100
91 212.0 164.0 246.0



#69
o-Xylene
Concen: 0.807 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion:106 Resp: 3684
Ion Ratio Lower Upper
106 100
91 217.2 108.5 325.3

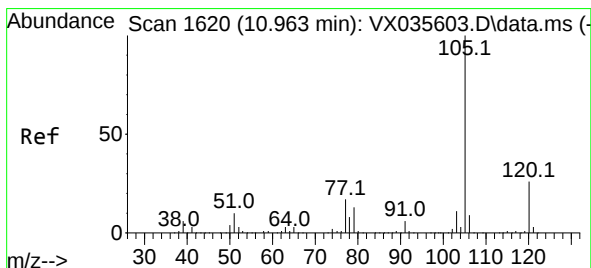
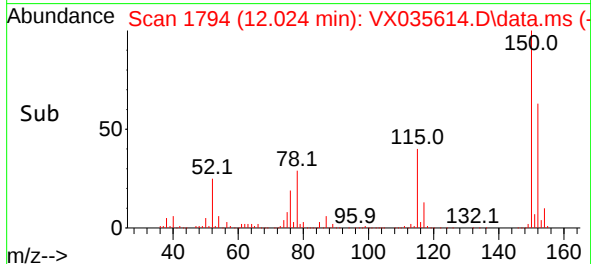
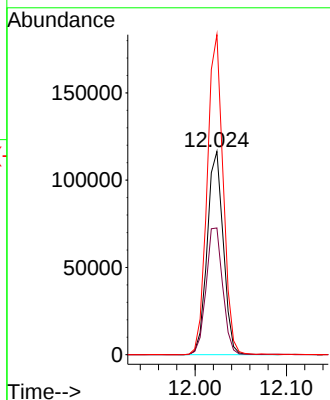
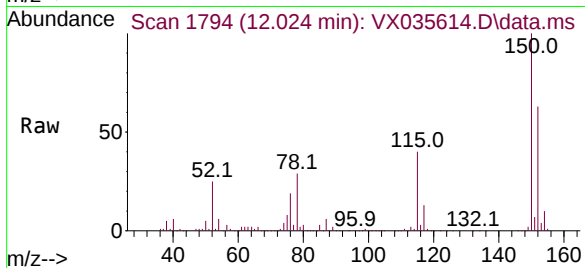




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

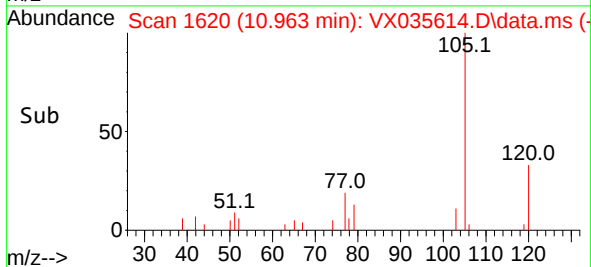
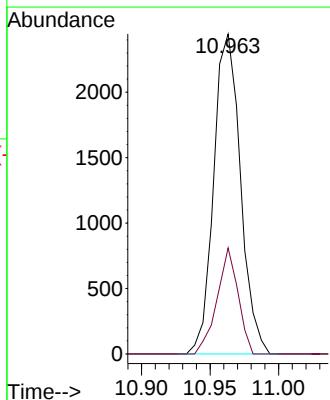
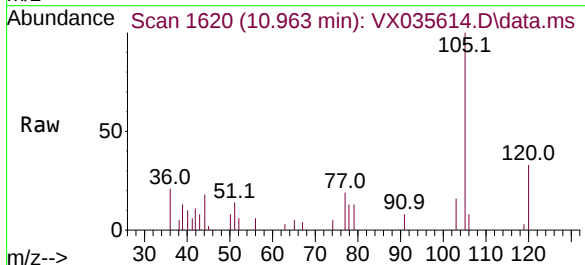
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

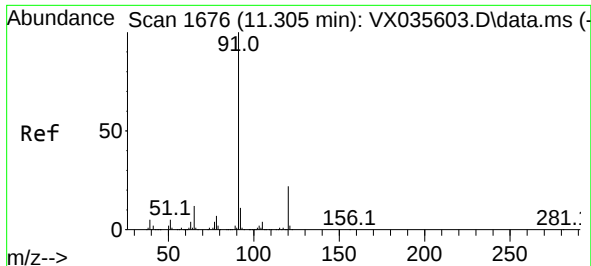
Tgt Ion:152 Resp: 141639
Ion Ratio Lower Upper
152 100
115 64.6 45.0 135.0
150 156.4 0.0 352.4



#73
Isopropylbenzene
Concen: 0.278 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion:105 Resp: 3319
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9

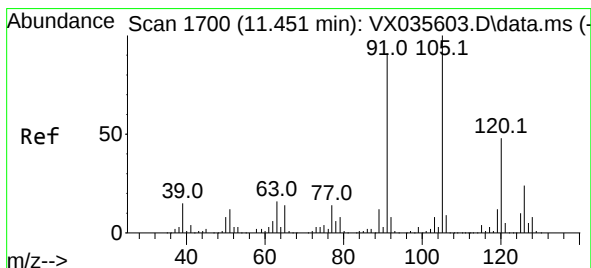
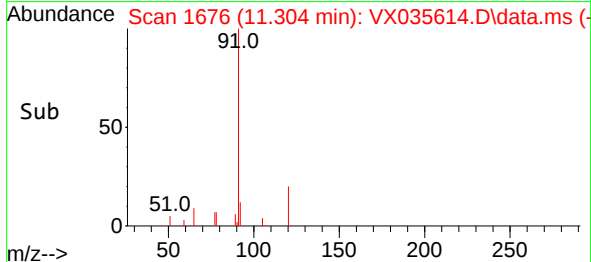
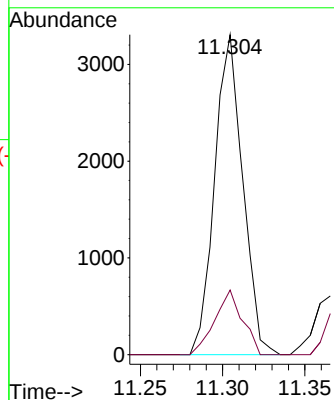
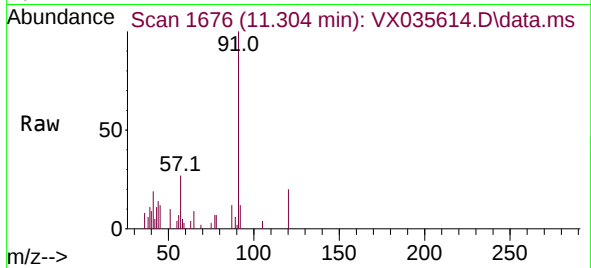




#78
n-propylbenzene
Concen: 0.280 ug/l
RT: 11.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

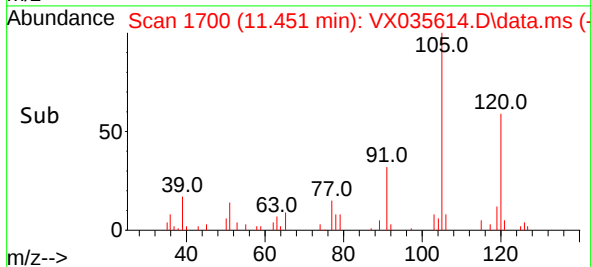
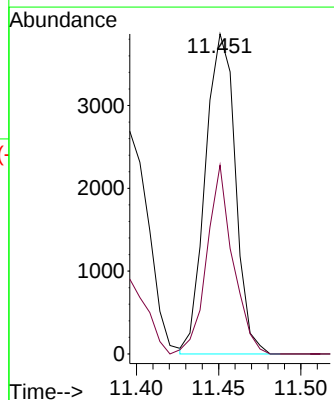
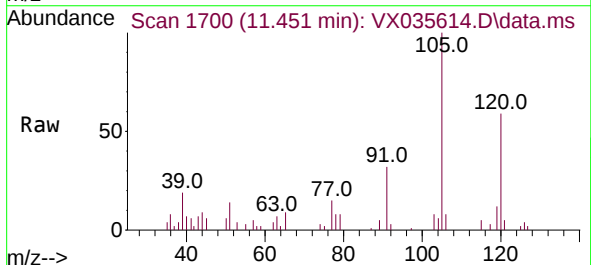
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

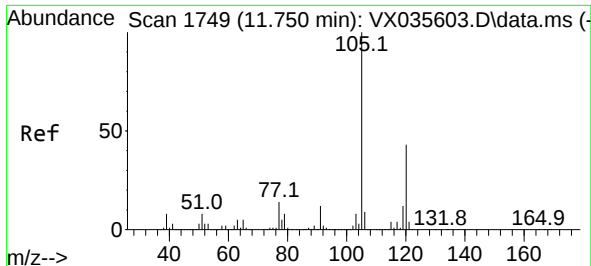
Tgt Ion: 91 Resp: 3927
Ion Ratio Lower Upper
91 100
120 19.9 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 0.484 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

Tgt Ion: 105 Resp: 4910
Ion Ratio Lower Upper
105 100
120 51.2 23.7 71.1

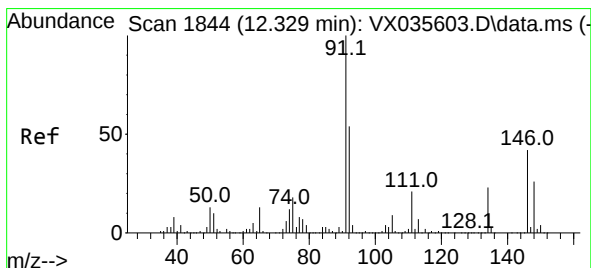
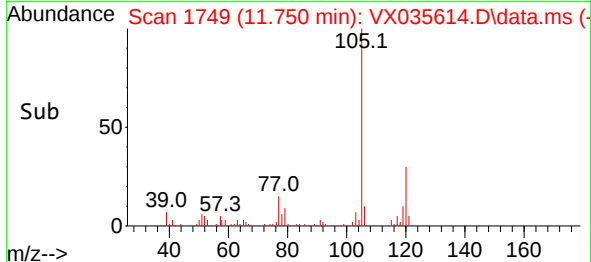
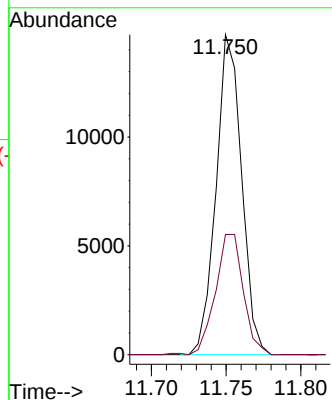
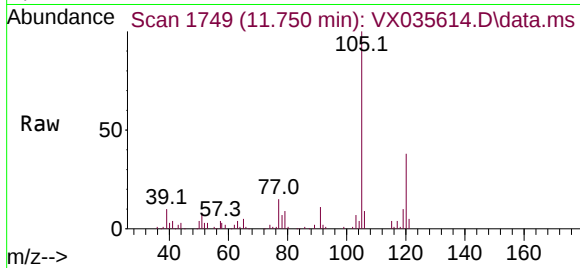




#84
1,2,4-Trimethylbenzene
Concen: 1.713 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

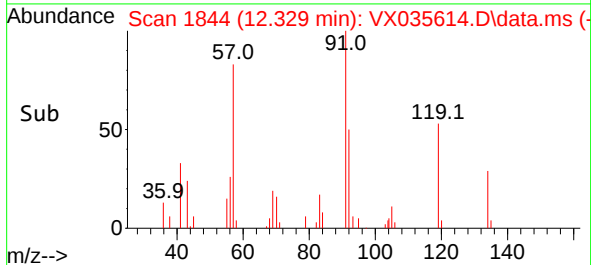
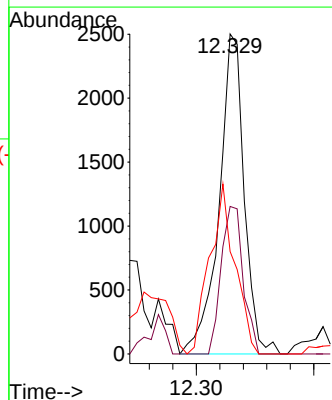
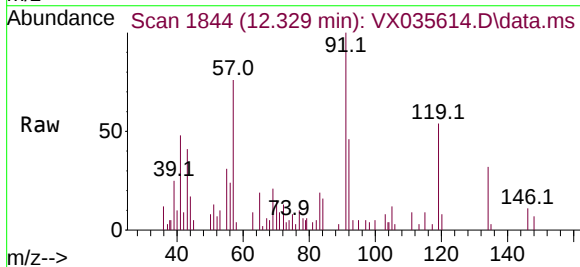
Instrument :
MSVOA_X
ClientSampleId :
PL-OILYWATERDL

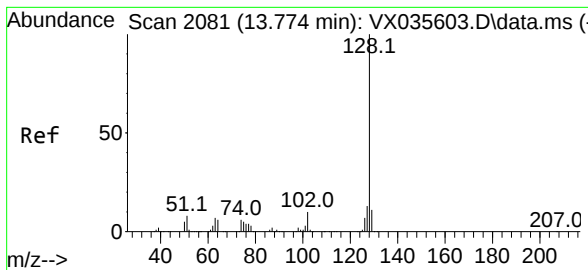
Tgt Ion:105 Resp: 17448
Ion Ratio Lower Upper
105 100
120 41.2 22.4 67.0



#89
n-Butylbenzene
Concen: 0.402 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035614.D
Acq: 11 May 2023 17:50

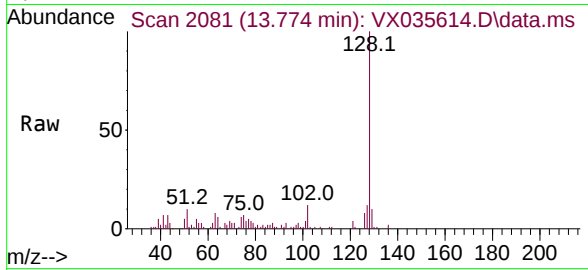
Tgt Ion: 91 Resp: 3720
Ion Ratio Lower Upper
91 100
92 40.4 27.7 83.0
134 53.1 13.0 38.9#





#95
 Naphthalene
 Concen: 1.889 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX035614.D
 Acq: 11 May 2023 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-OILYWATERDL



Tgt Ion:	128	Resp:	19625
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.3	8.6	13.0

