

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028059.D
 Acq On : 12 Apr 2022 16:24
 Operator : JC/MD
 Sample : N2334-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWO-INCH-WELLDL

Quant Time: Apr 13 01:12:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

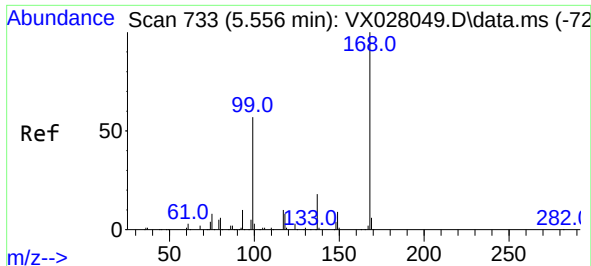
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	224565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148542	48.756	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.520%
35) Dibromofluoromethane	5.391	113	128221	50.060	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.120%
50) Toluene-d8	8.653	98	479585	50.204	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	168257	47.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.340%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	5513	4.343	ug/l	97
22) Diisopropyl ether	3.763	45	12469	1.481	ug/l	90
25) 2-Butanone	4.568	43	4272	1.947	ug/l #	85
31) Cyclohexane	5.470	56	108973	26.013	ug/l	98
39) Methylcyclohexane	7.385	83	46061	9.968	ug/l	89
40) Benzene	6.043	78	73686	6.482	ug/l	98
52) Toluene	8.720	92	8909	1.175	ug/l	98
67) Ethyl Benzene	10.195	91	31456	2.187	ug/l	99
68) m/p-Xylenes	10.305	106	11284	1.878	ug/l	97
73) Isopropylbenzene	10.963	105	235262	18.267	ug/l	99
78) n-propylbenzene	11.305	91	673048	44.965	ug/l	99
85) sec-Butylbenzene	11.890	105	23752	1.729	ug/l	91
89) n-Butylbenzene	12.335	91	30774	3.088	ug/l #	68

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

Quant Time: Apr 13 01:12:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

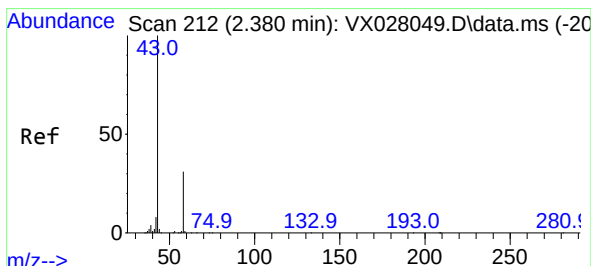
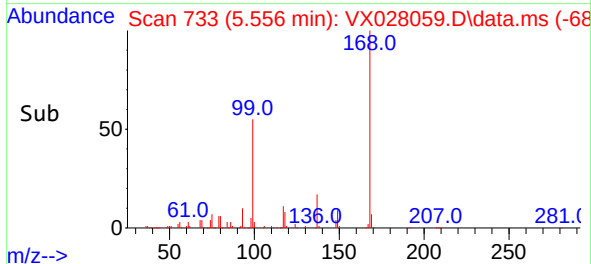
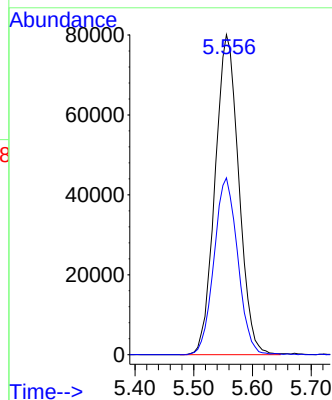
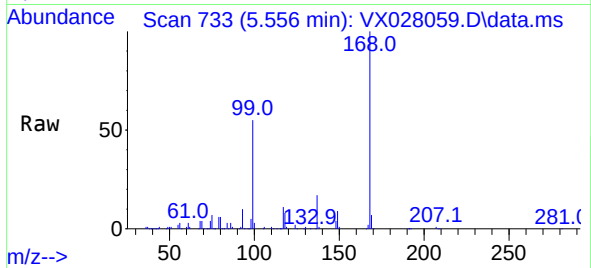




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

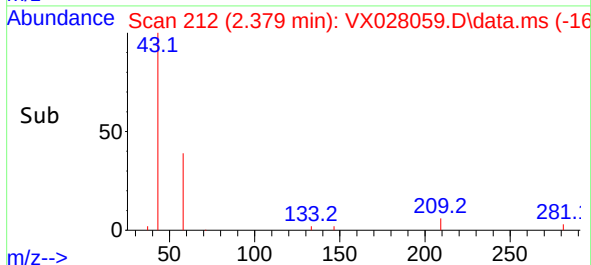
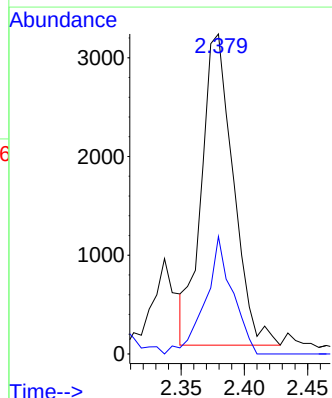
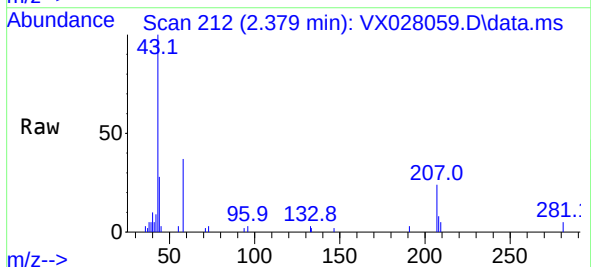
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

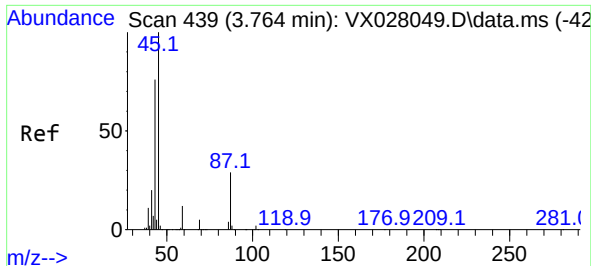
Tgt Ion:168 Resp: 224565
Ion Ratio Lower Upper
168 100
99 55.3 41.7 62.5



#16
Acetone
Concen: 4.343 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion: 43 Resp: 5513
Ion Ratio Lower Upper
43 100
58 37.7 28.8 43.2

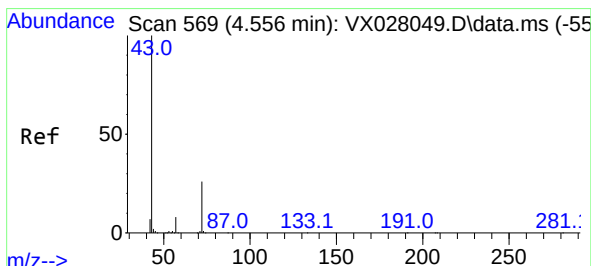
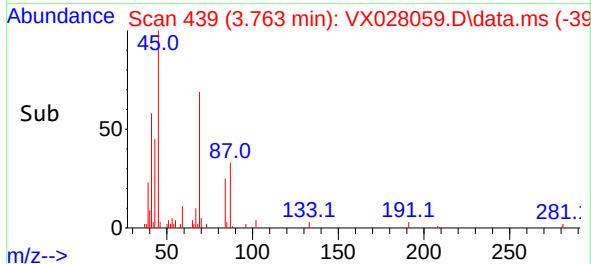
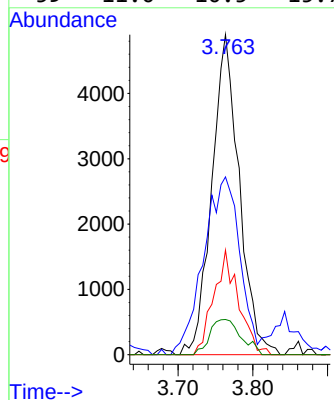
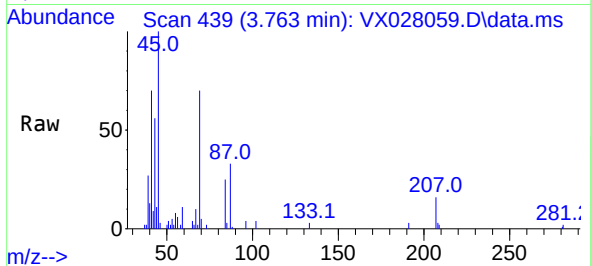




#22
Diisopropyl ether
Concen: 1.481 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

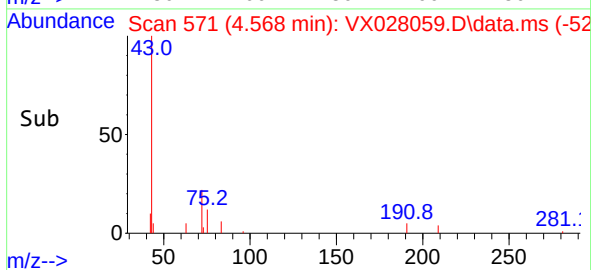
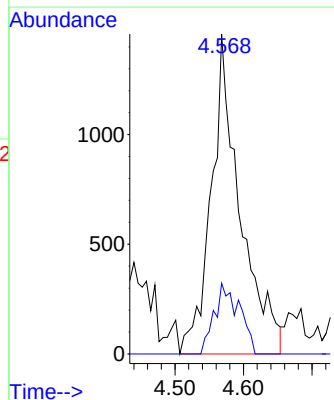
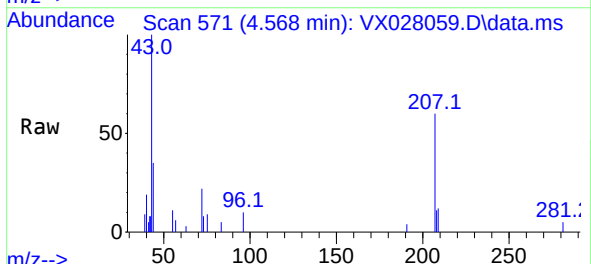
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

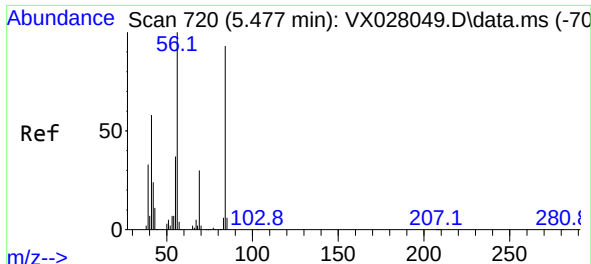
Tgt Ion:	45	Resp:	12469
Ion	Ratio	Lower	Upper
45	100		
43	51.9	50.8	76.2
87	32.6	26.6	39.8
59	11.0	10.5	15.7



#25
2-Butanone
Concen: 1.947 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

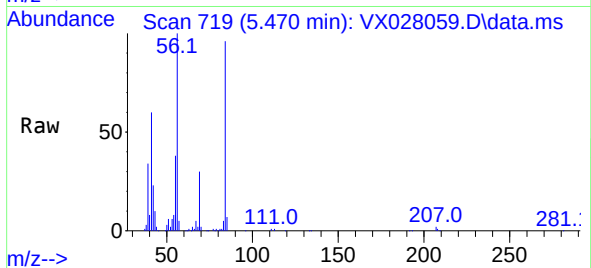
Tgt Ion:	43	Resp:	4272
Ion	Ratio	Lower	Upper
43	100		
72	22.1	24.4	36.6





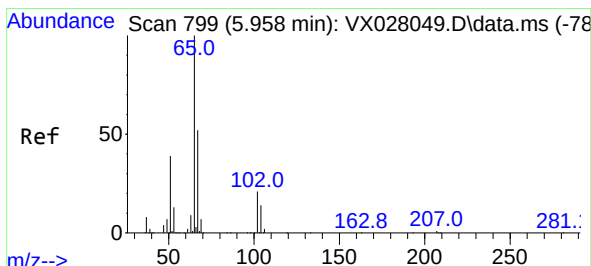
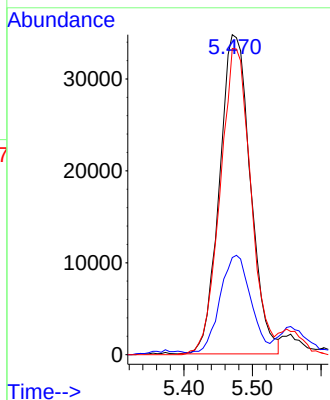
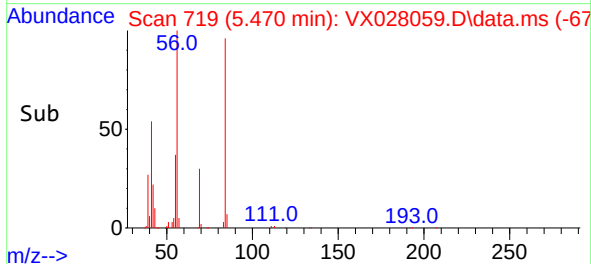
#31
Cyclohexane
Concen: 26.013 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

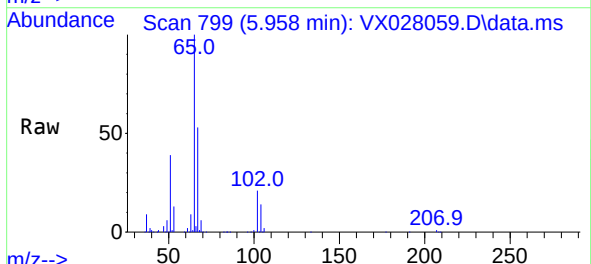


Tgt Ion: 56 Resp: 108973

Ion	Ratio	Lower	Upper
56	100		
69	29.4	26.7	40.1
84	95.9	77.2	115.8

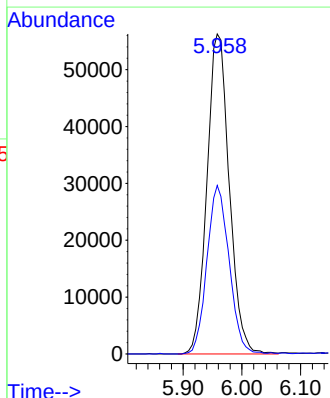
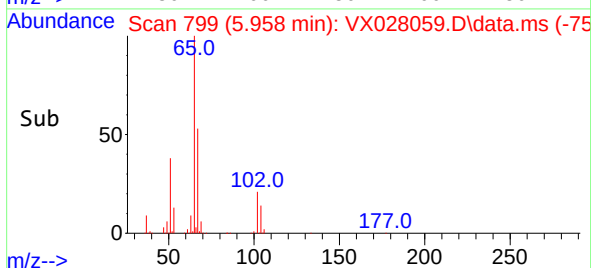


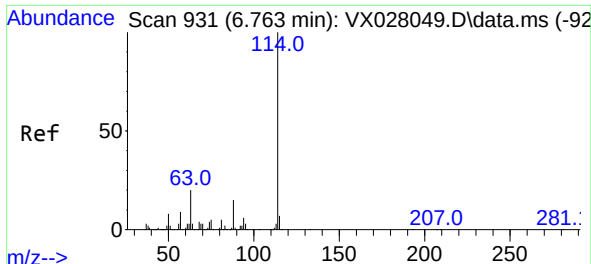
#33
1,2-Dichloroethane-d4
Concen: 48.756 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24



Tgt Ion: 65 Resp: 148542

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.4

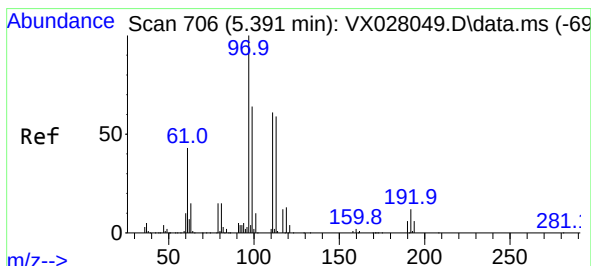
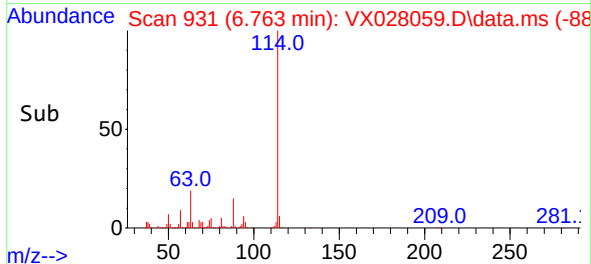
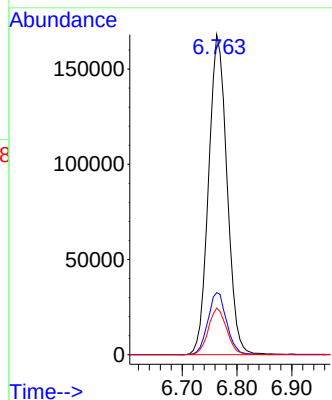
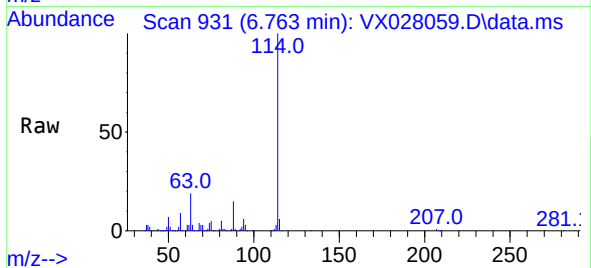




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

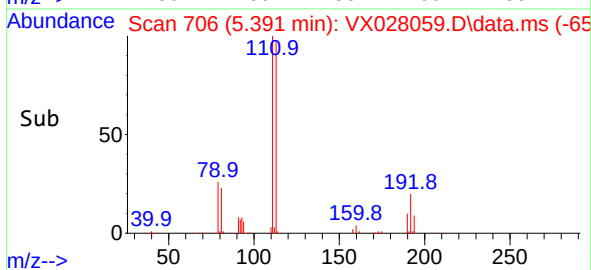
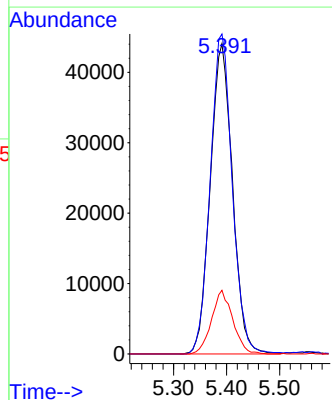
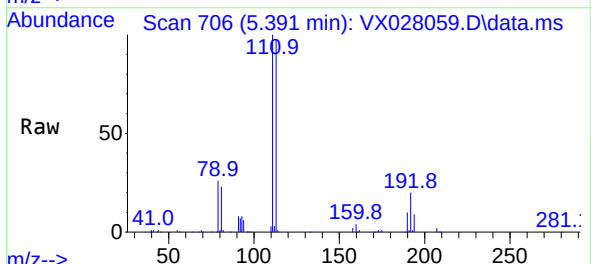
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

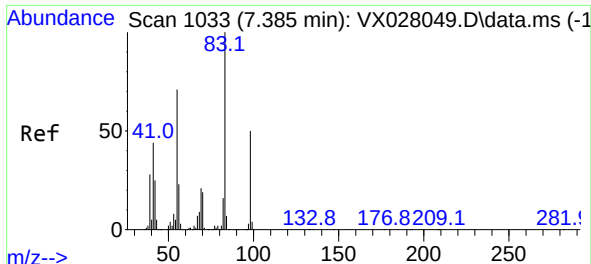
Tgt Ion:114 Resp: 390887
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.060 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion:113 Resp: 128221
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.6 16.9 25.3





#39

Methylcyclohexane

Concen: 9.968 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028059.D

Acq: 12 Apr 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

TWO-INCH-WELLDL

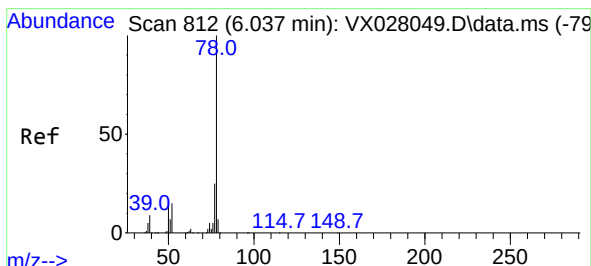
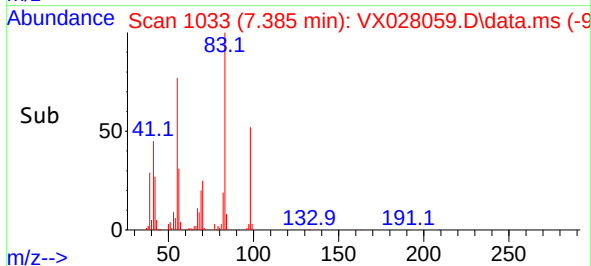
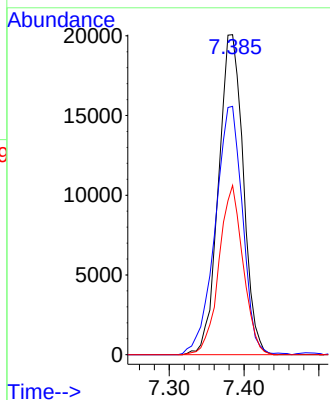
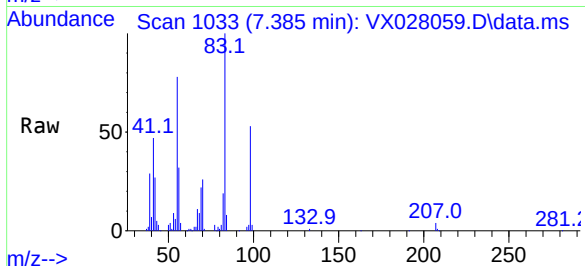
Tgt Ion: 83 Resp: 46061

Ion Ratio Lower Upper

83 100

55 77.6 54.6 81.8

98 52.9 37.4 56.2



#40

Benzene

Concen: 6.482 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX028059.D

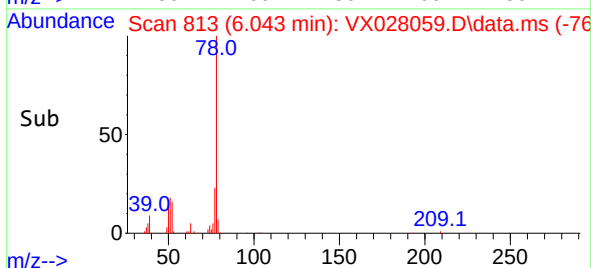
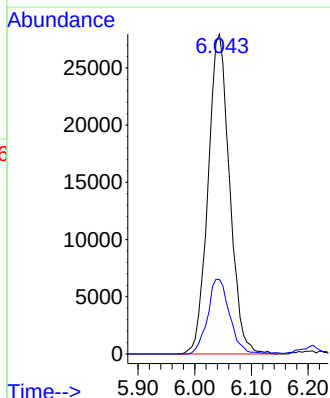
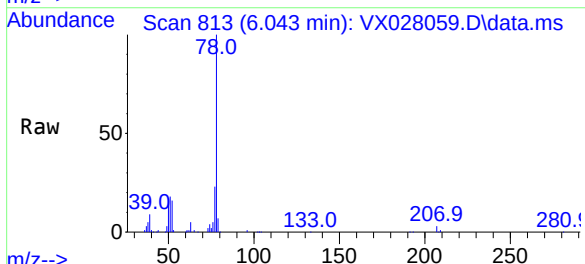
Acq: 12 Apr 2022 16:24

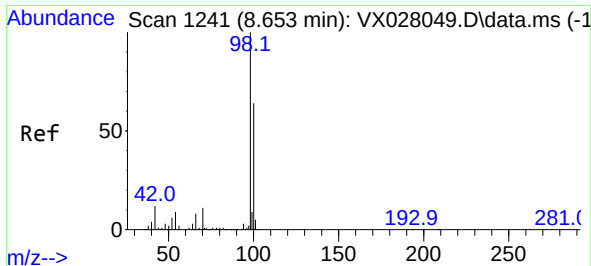
Tgt Ion: 78 Resp: 73686

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

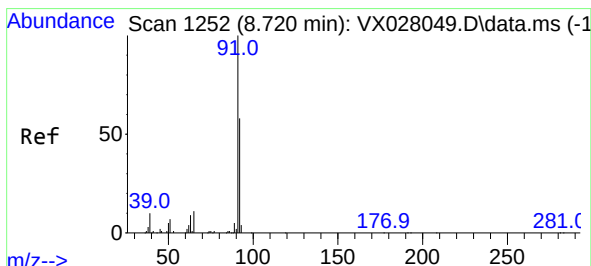
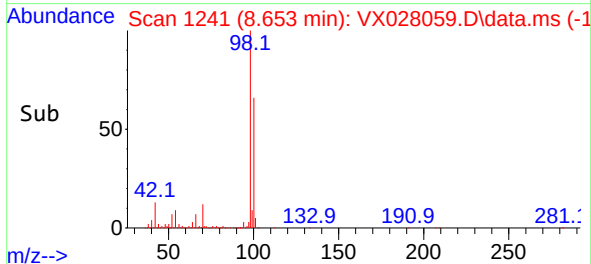
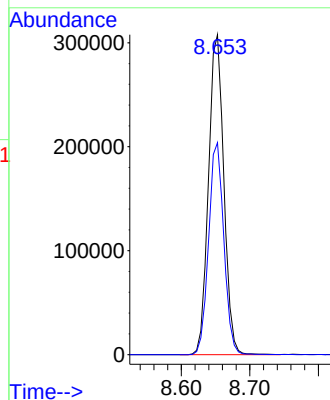
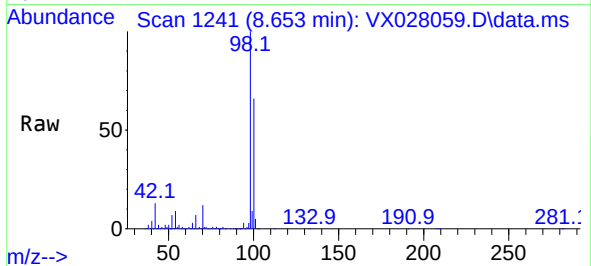




#50
Toluene-d8
Concen: 50.204 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

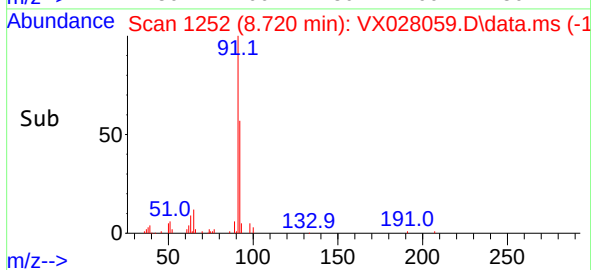
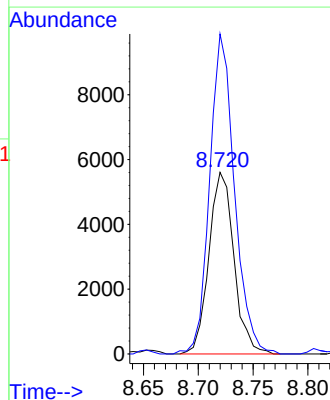
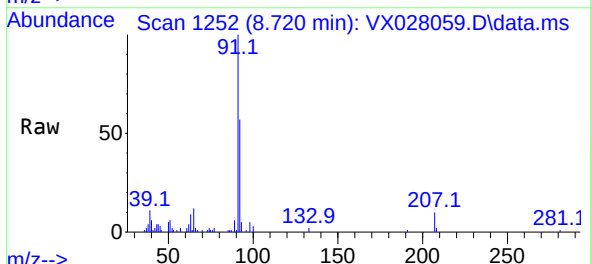
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

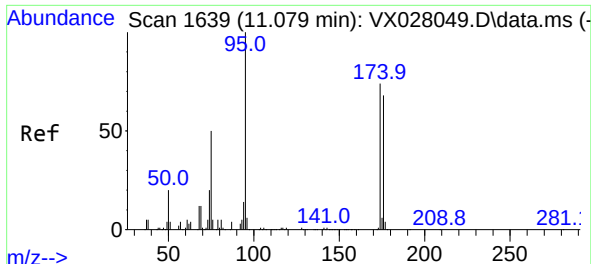
Tgt Ion: 98 Resp: 479585
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#52
Toluene
Concen: 1.175 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion: 92 Resp: 8909
Ion Ratio Lower Upper
92 100
91 174.5 137.5 206.3

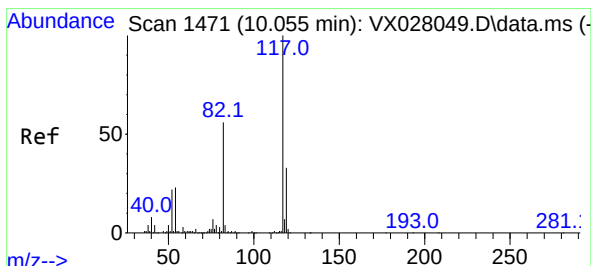
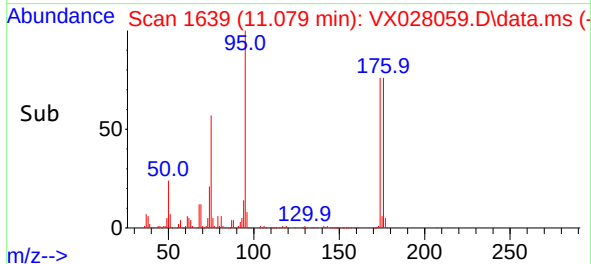
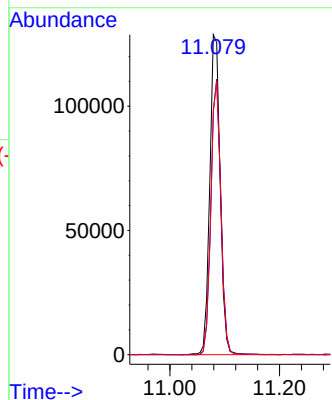
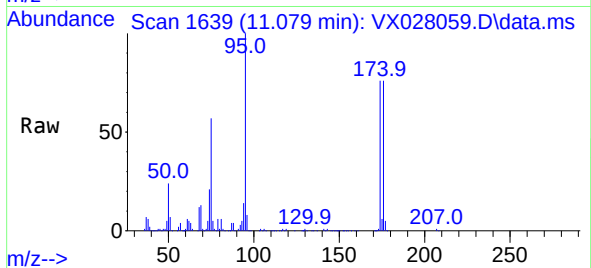




#62
4-Bromofluorobenzene
Concen: 47.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

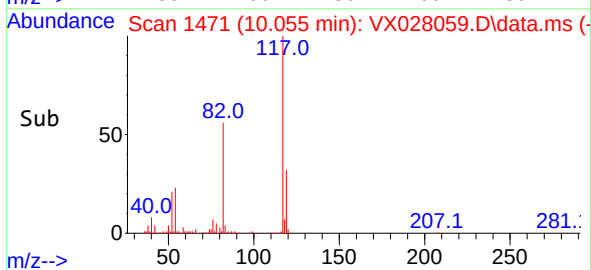
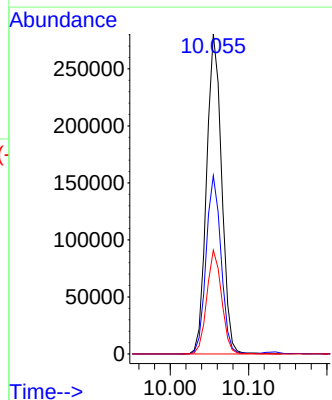
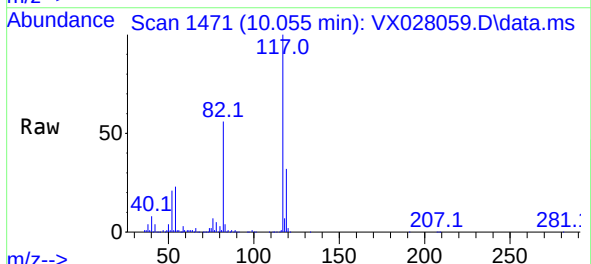
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

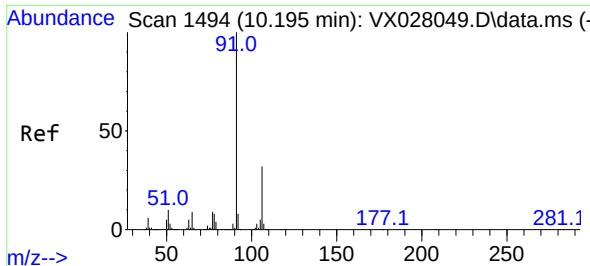
Tgt Ion: 95 Resp: 168257
Ion Ratio Lower Upper
95 100
174 83.3 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion: 117 Resp: 374405
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.5 24.8 37.2

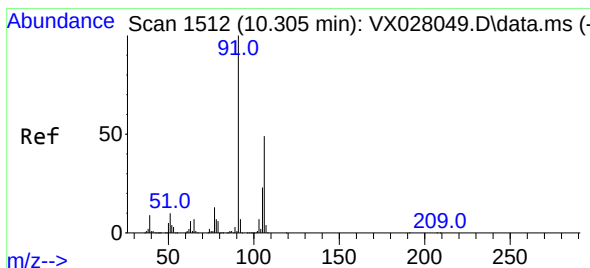
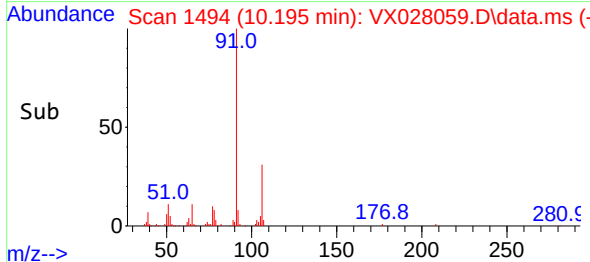
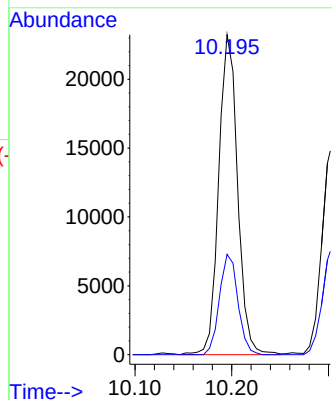
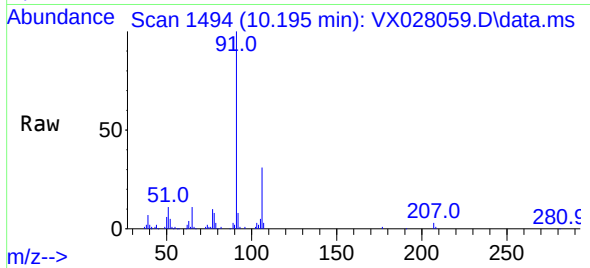




#67
Ethyl Benzene
Concen: 2.187 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

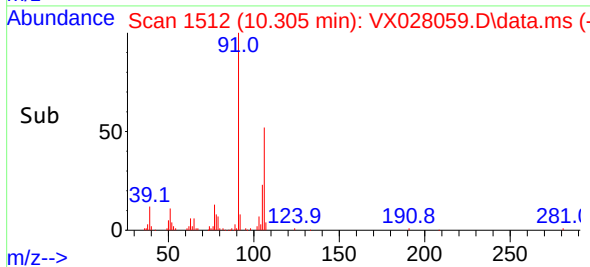
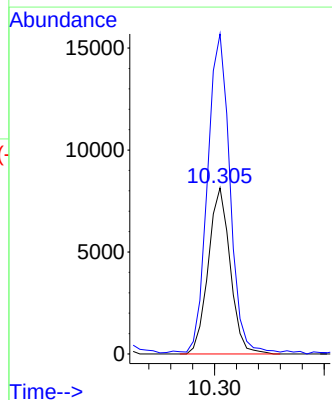
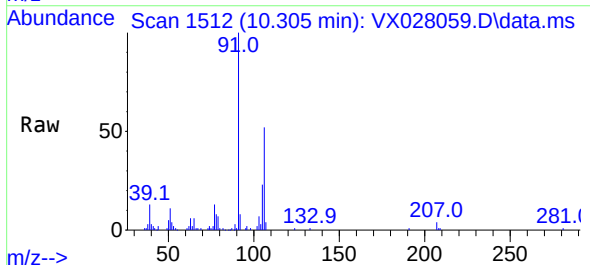
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

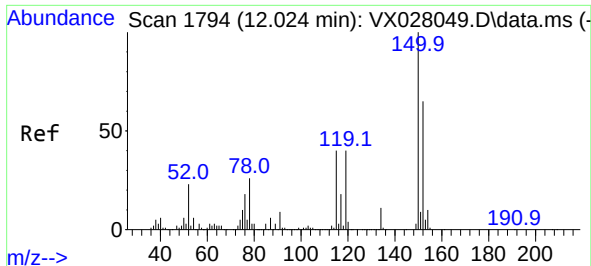
Tgt Ion: 91 Resp: 31456
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 1.878 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion: 106 Resp: 11284
Ion Ratio Lower Upper
106 100
91 195.4 160.4 240.6

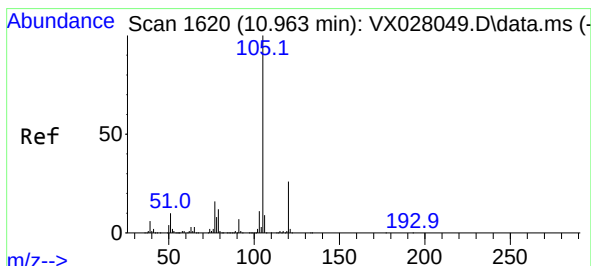
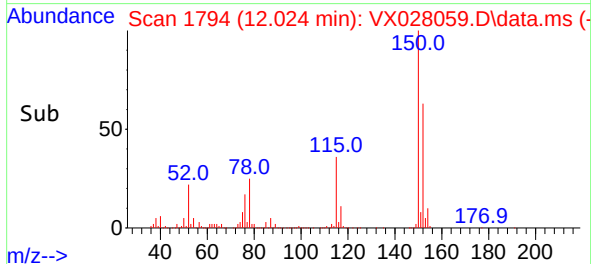
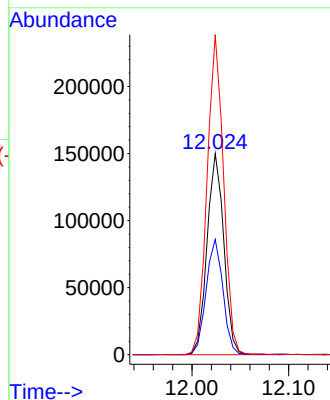
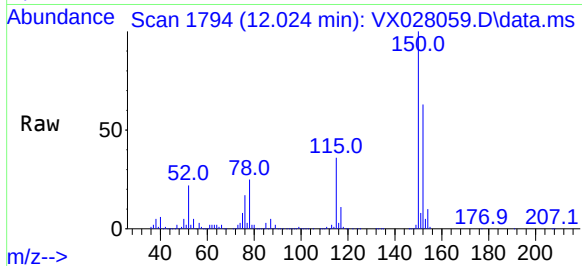




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

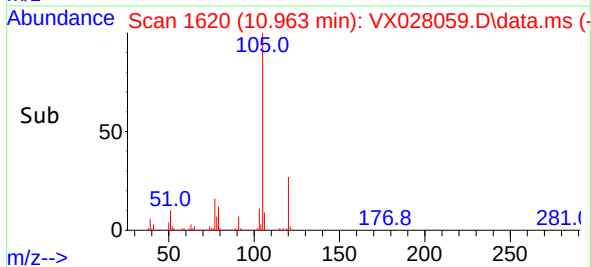
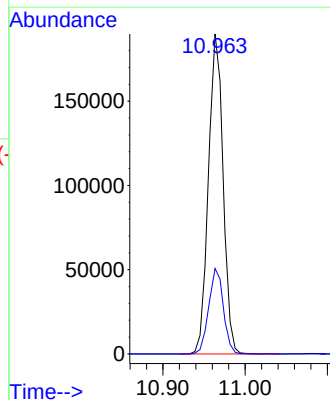
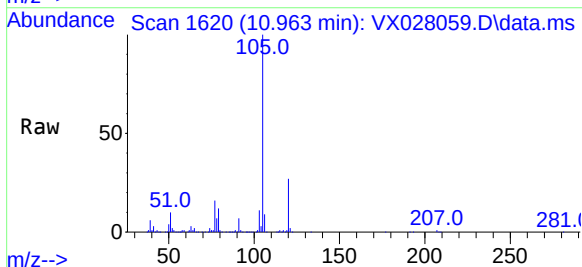
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

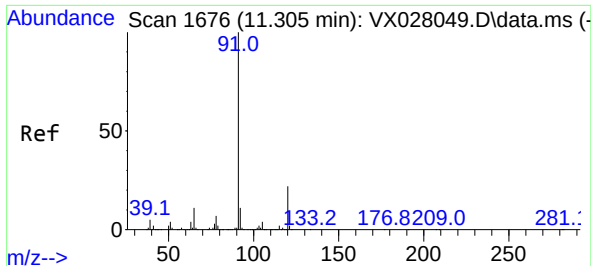
Tgt Ion:152 Resp: 181297
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 156.0 0.0 338.2



#73
Isopropylbenzene
Concen: 18.267 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion:105 Resp: 235262
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

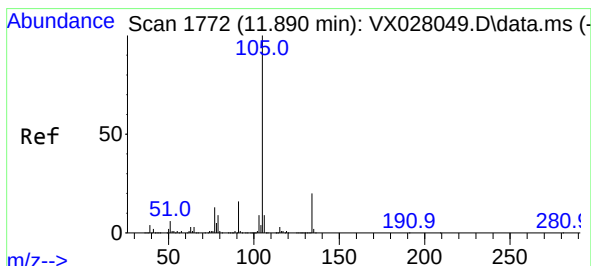
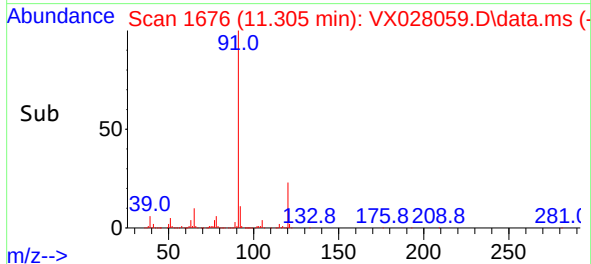
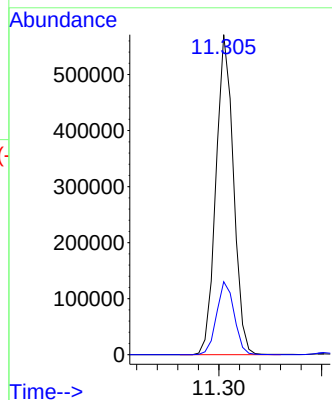
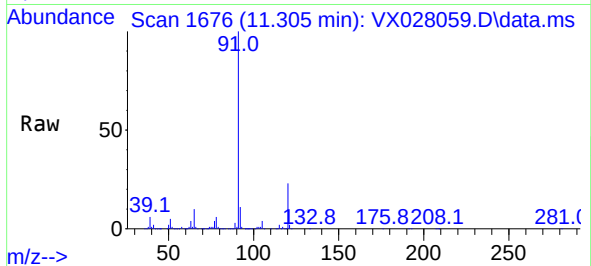




#78
n-propylbenzene
Concen: 44.965 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

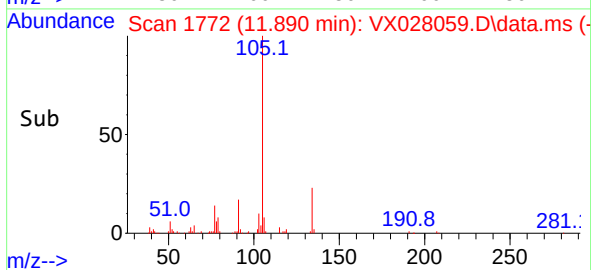
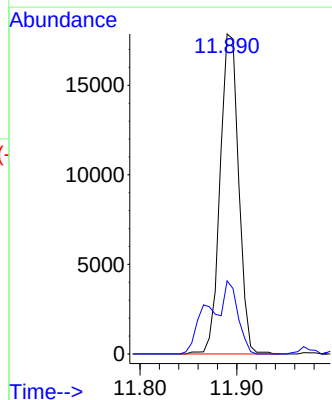
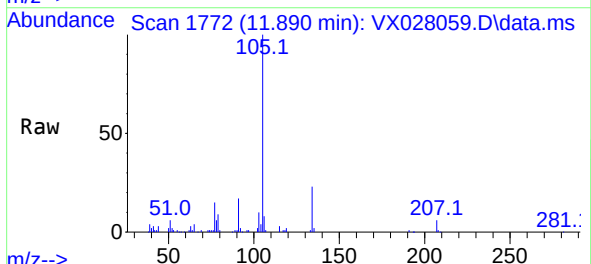
Instrument :
MSVOA_X
ClientSampleId :
TWO-INCH-WELLDL

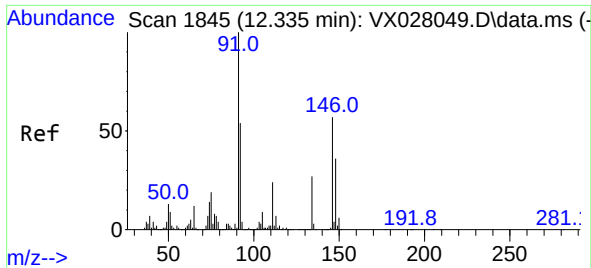
Tgt Ion: 91 Resp: 673048
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8



#85
sec-Butylbenzene
Concen: 1.729 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX028059.D
Acq: 12 Apr 2022 16:24

Tgt Ion: 105 Resp: 23752
Ion Ratio Lower Upper
105 100
134 16.4 10.2 30.4





#89

n-Butylbenzene

Concen: 3.088 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028059.D

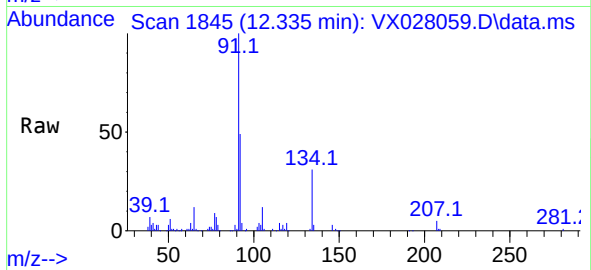
Acq: 12 Apr 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

TWO-INCH-WELLDL



Tgt Ion: 91 Resp: 30774

Ion Ratio Lower Upper

91 100

92 42.0 27.8 83.3

134 57.0 13.3 39.8#

