

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032441.D
 Acq On : 27 Oct 2022 20:09
 Operator : JC/MD
 Sample : N5323-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 024-OUTFALL

Quant Time: Oct 28 07:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79954	47.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.540%
35) Dibromofluoromethane	5.391	113	63289	44.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.653	98	233517	47.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	87886	46.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	91	0.374	ug/l #	72
16) Acetone	2.380	43	7659	12.591	ug/l	97
25) 2-Butanone	4.574	43	856	0.908	ug/l	92
31) Cyclohexane	5.556	56	2717	1.339	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	9208	4.701	ug/l #	50
37) Ethyl Acetate	4.574	43	856	0.420	ug/l #	67
38) Carbon Tetrachloride	5.556	117	12822	5.902	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	678	0.344	ug/l #	74
70) Styrene	10.659	104	14556	3.365	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	48465	26.490	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48465	84.293	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	11044	1.994	ug/l #	32
85) sec-Butylbenzene	11.750	105	11044	1.651	ug/l #	57

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

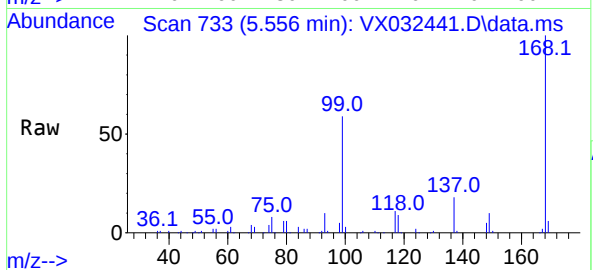
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



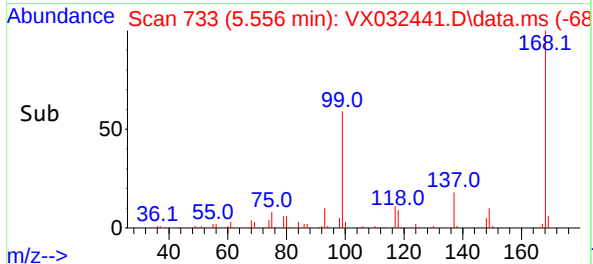
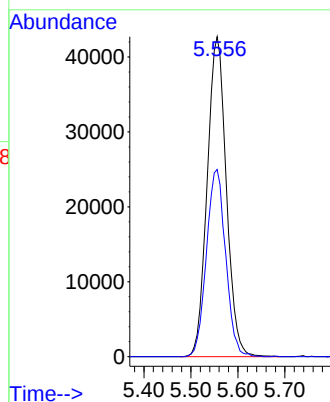


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

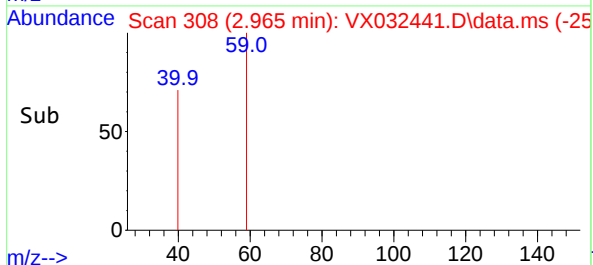
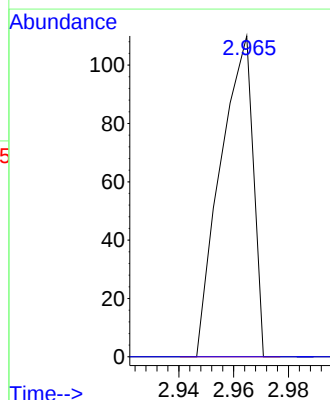
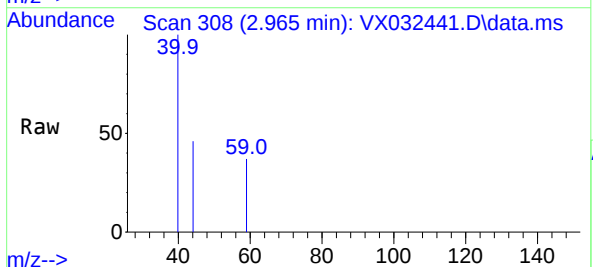


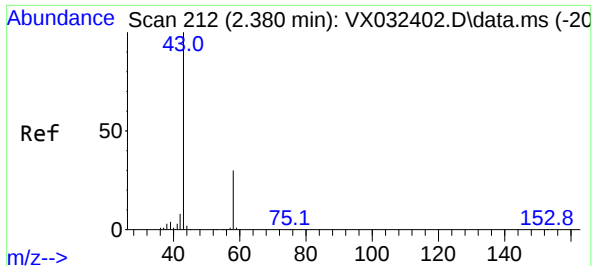
Tgt Ion:168 Resp: 120450
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.374 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

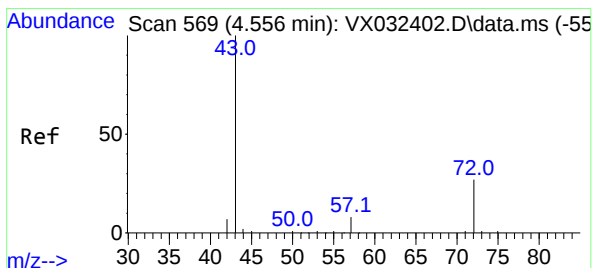
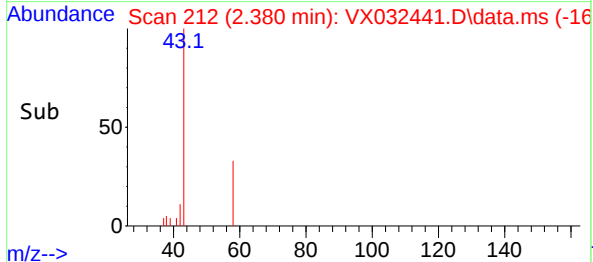
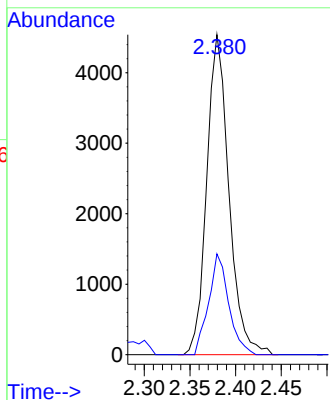
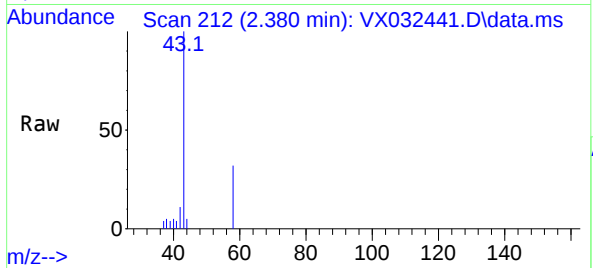




#16
Acetone
Concen: 12.591 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

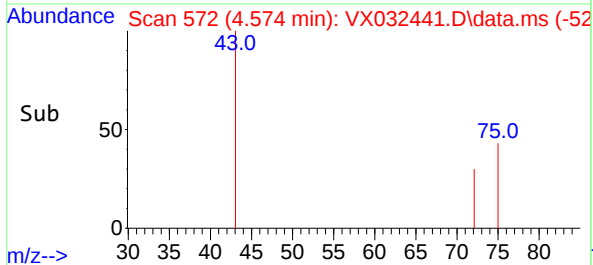
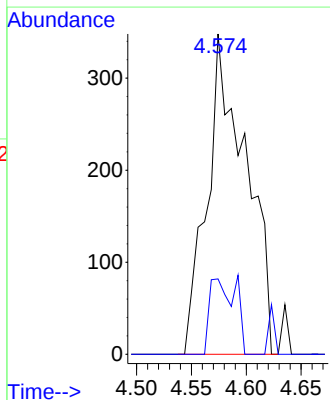
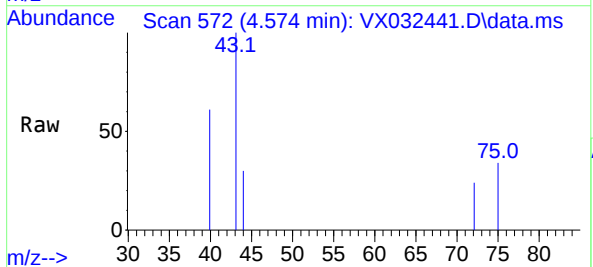
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

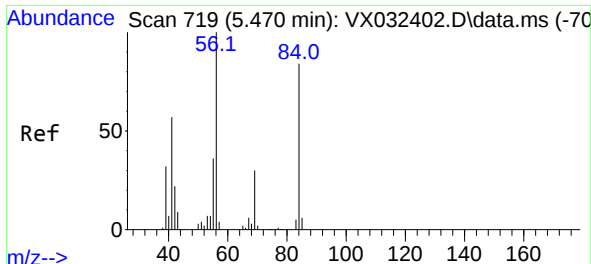
Tgt Ion: 43 Resp: 7659
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.8



#25
2-Butanone
Concen: 0.908 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
72 23.6 22.2 33.2

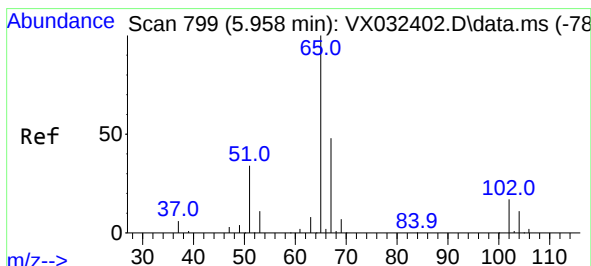
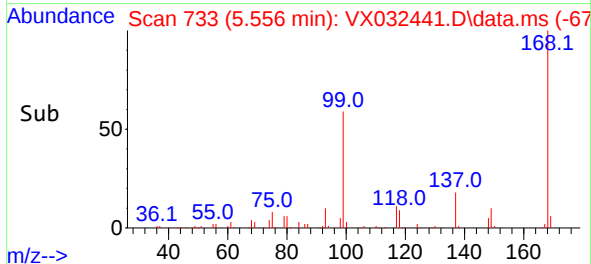
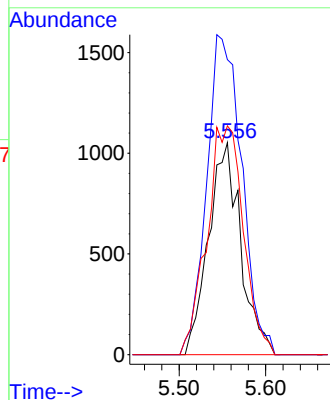
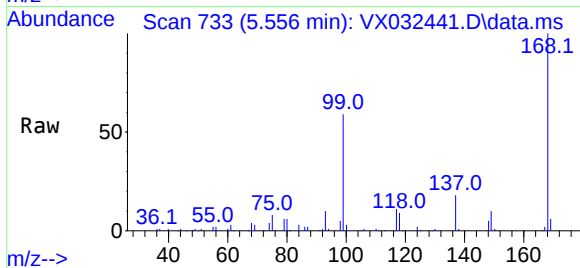




#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

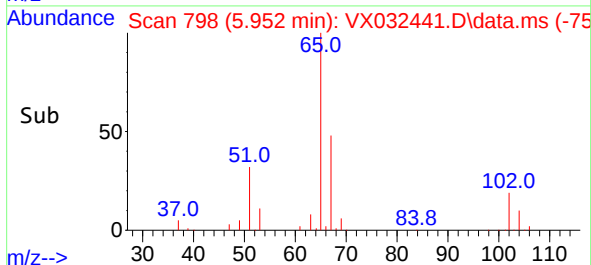
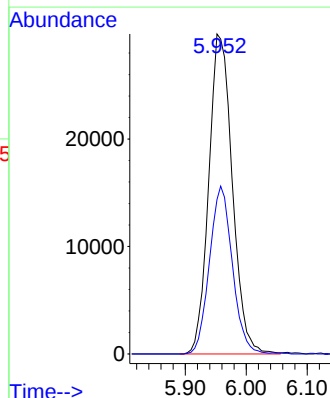
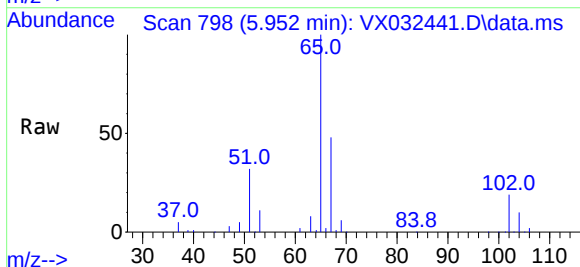
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

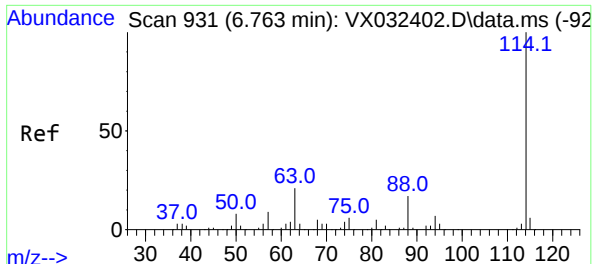
Tgt Ion: 56 Resp: 2717
Ion Ratio Lower Upper
56 100
69 139.1 24.1 36.1#
84 107.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.773 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Tgt Ion: 65 Resp: 79954
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

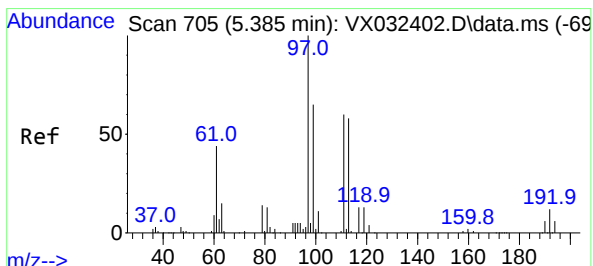
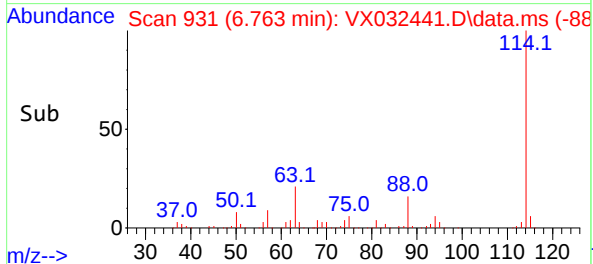
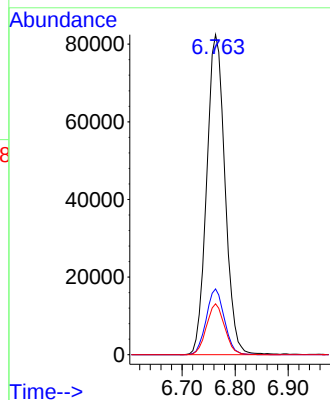
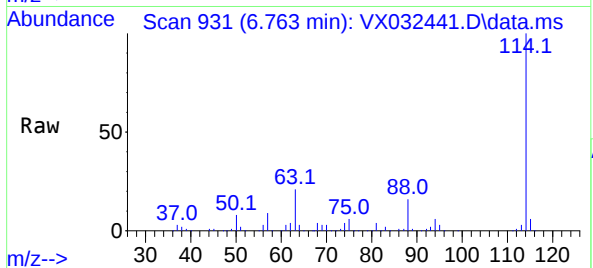




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

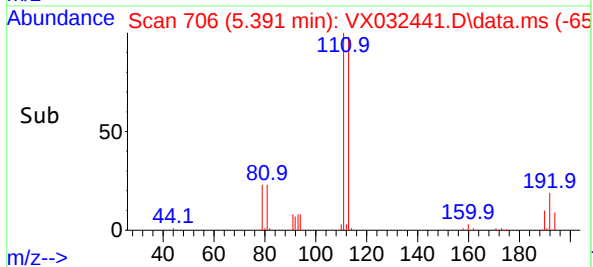
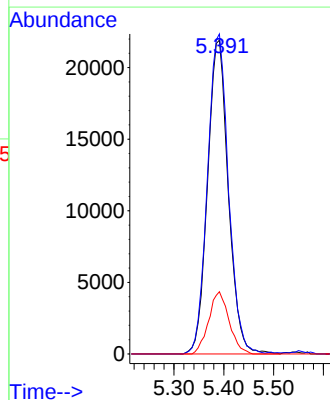
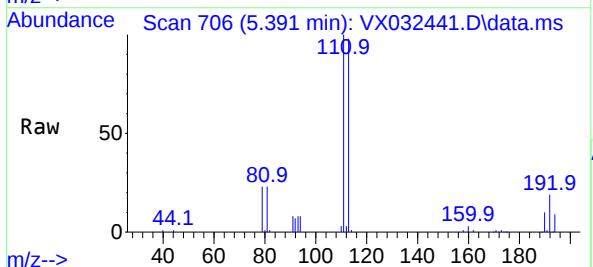
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

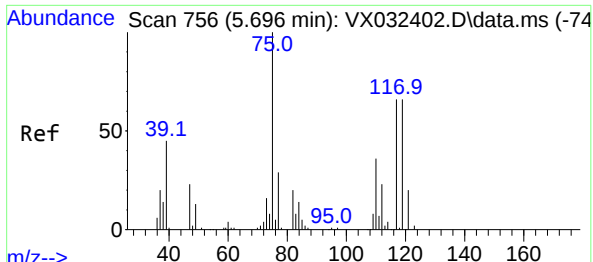
Tgt Ion:114 Resp: 197194
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.994 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

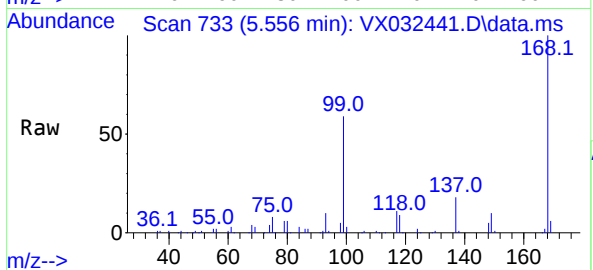
Tgt Ion:113 Resp: 63289
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.5 15.4 23.2



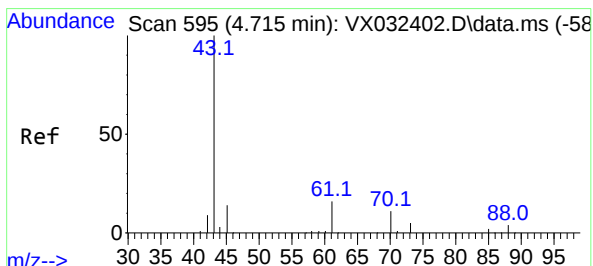
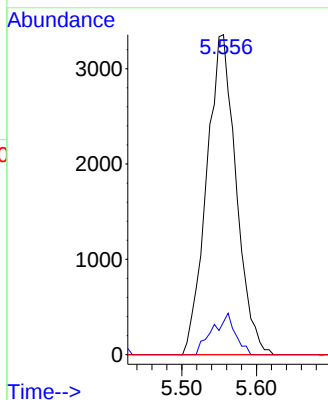
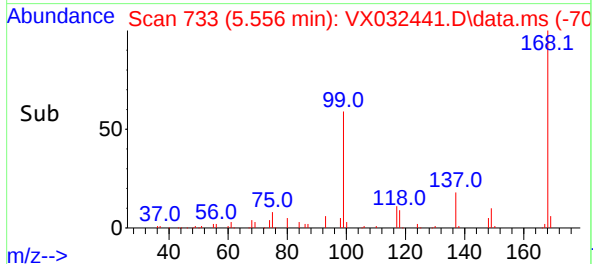


#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

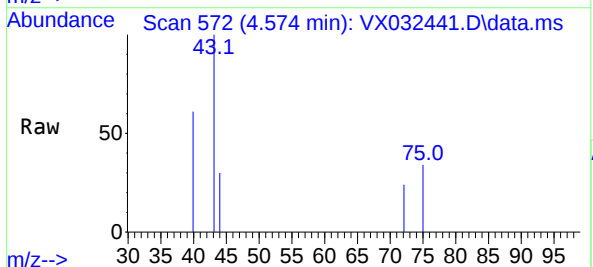
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL



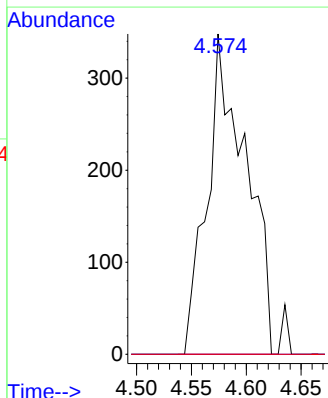
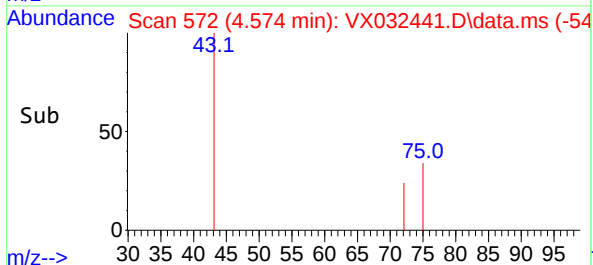
Tgt Ion: 75 Resp: 9208
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#

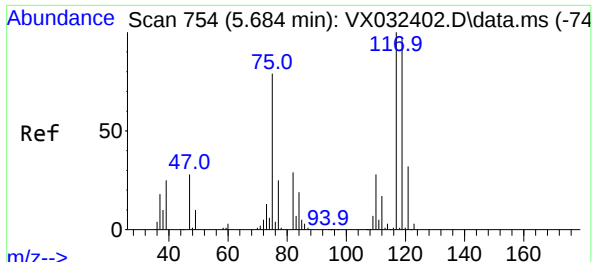


#37
Ethyl Acetate
Concen: 0.420 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09



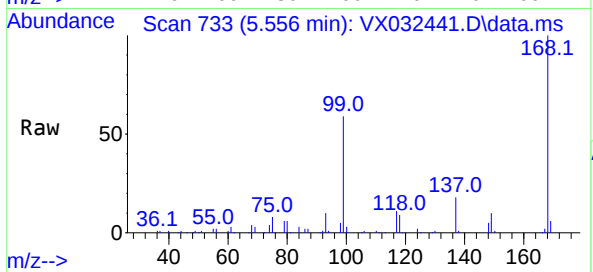
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.1 13.7#



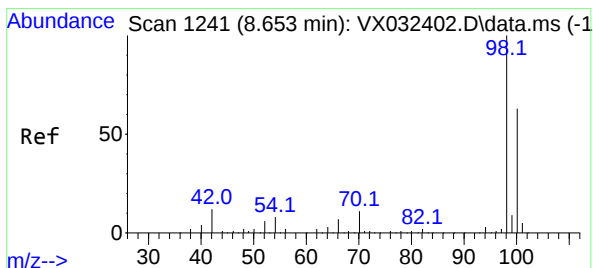
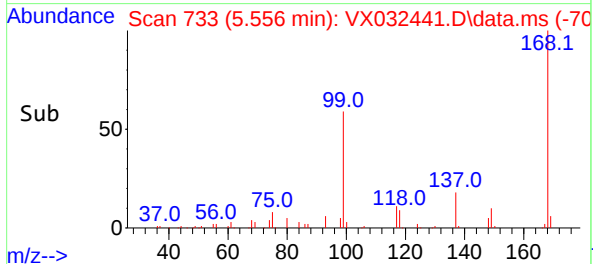
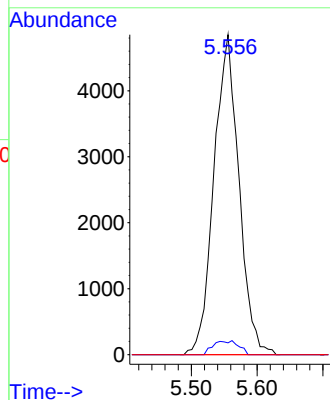


#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

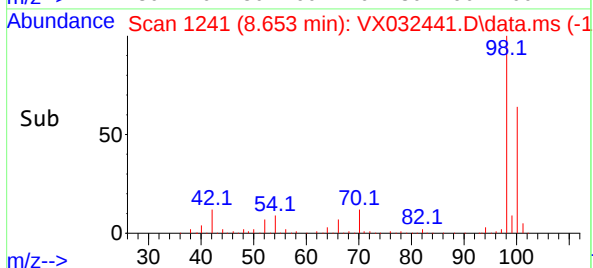
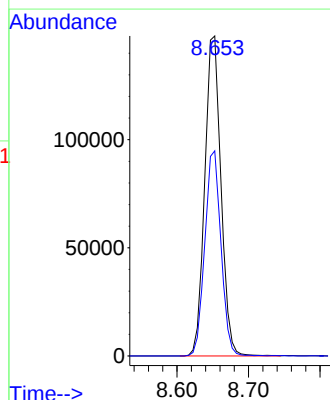
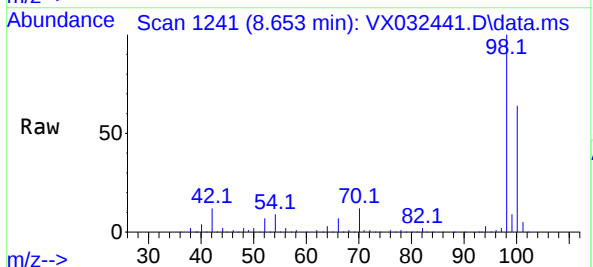


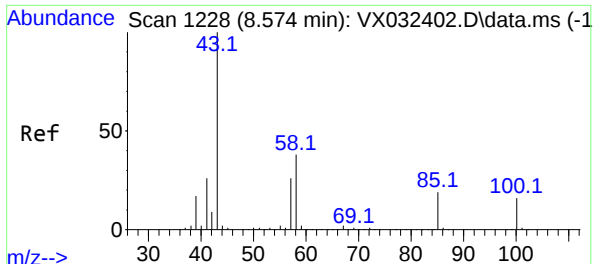
Tgt Ion:117 Resp: 12822
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.743 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Tgt Ion: 98 Resp: 233517
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.344 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032441.D

Acq: 27 Oct 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

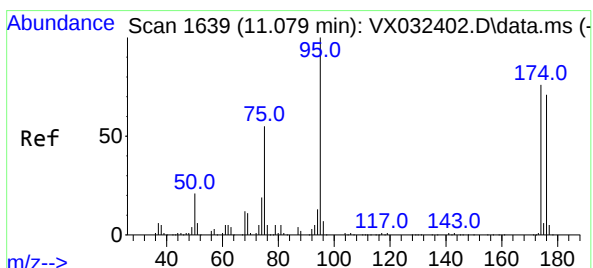
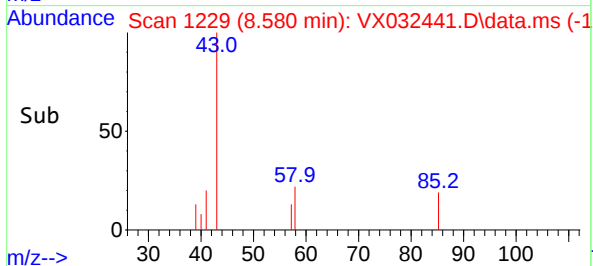
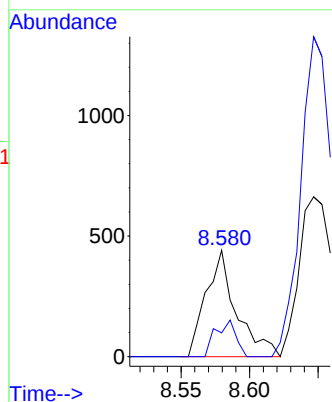
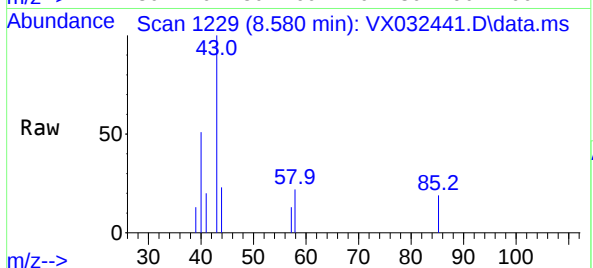
024-OUTFALL

Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

58 23.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.000 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032441.D

Acq: 27 Oct 2022 20:09

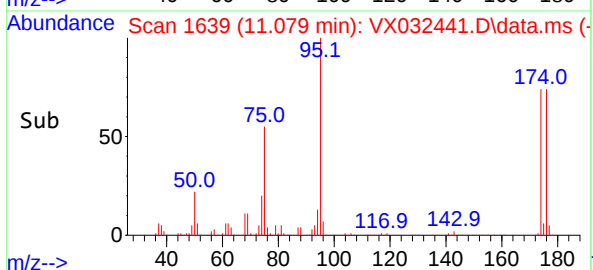
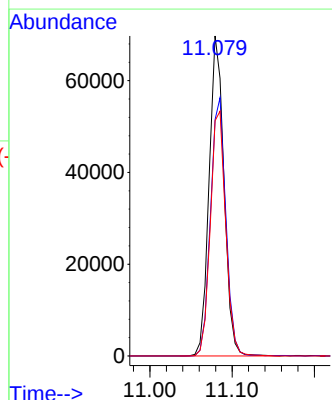
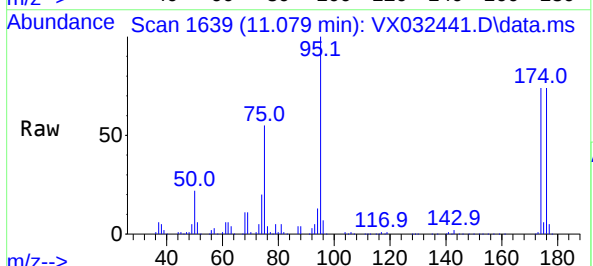
Tgt Ion: 95 Resp: 87886

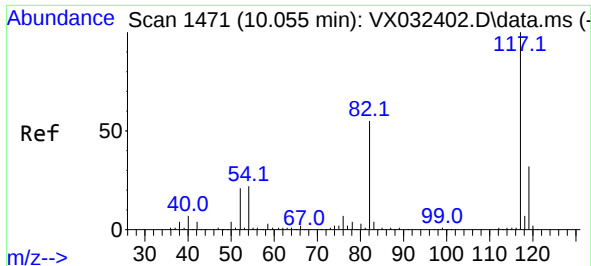
Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

176 79.1 0.0 154.4

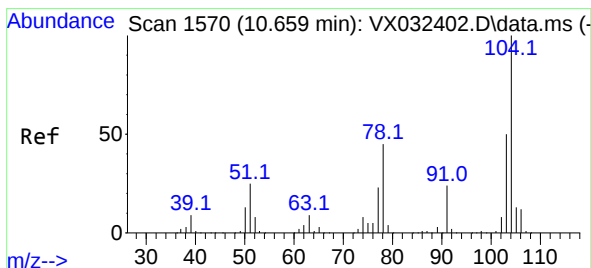
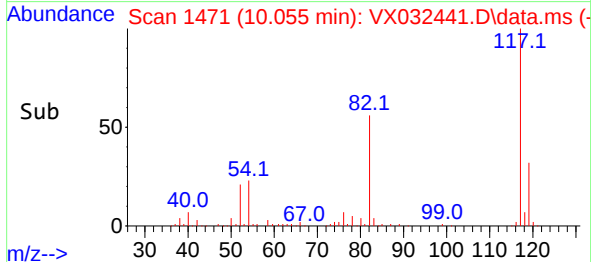
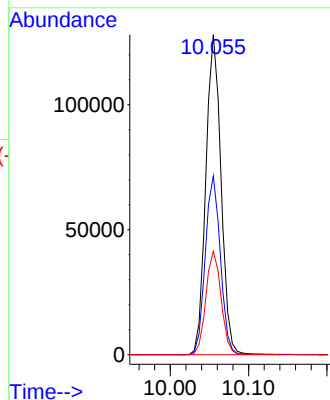
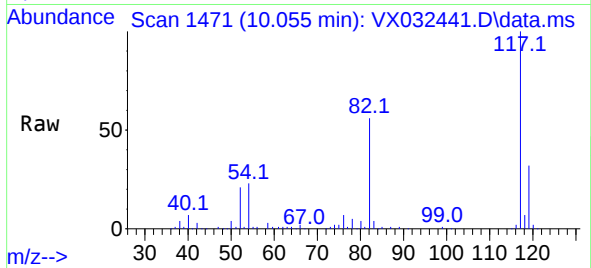




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

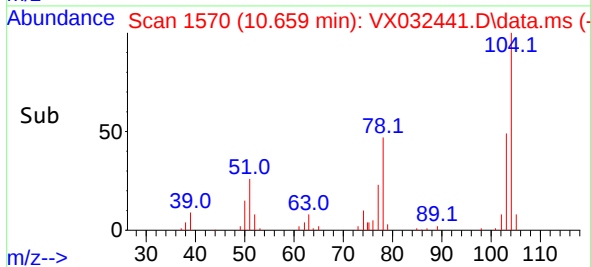
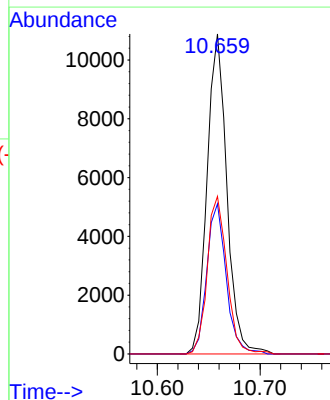
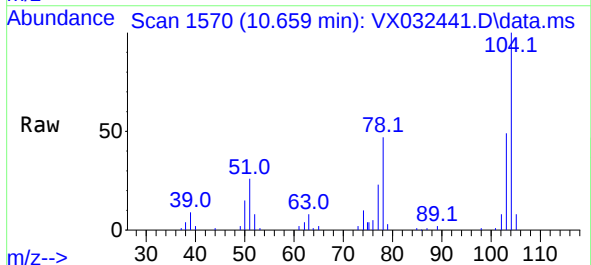
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

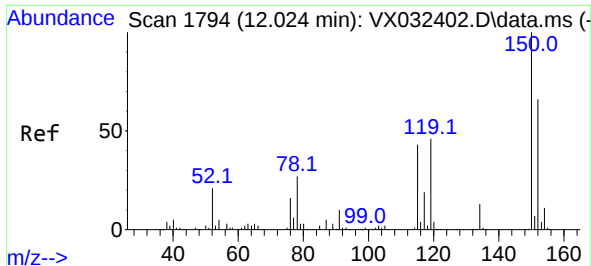
Tgt Ion:117 Resp: 172094
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.4 25.7 38.5



#70
Styrene
Concen: 3.365 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

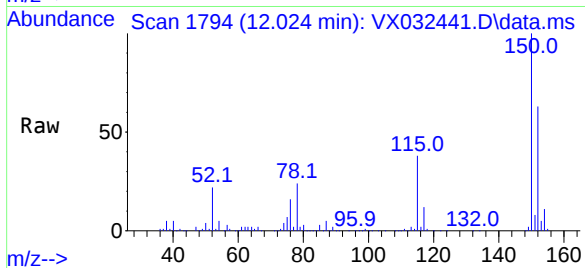
Tgt Ion:104 Resp: 14556
Ion Ratio Lower Upper
104 100
78 46.2 41.8 62.8
103 49.1 44.5 66.7



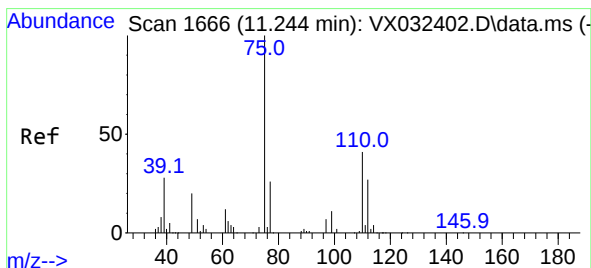
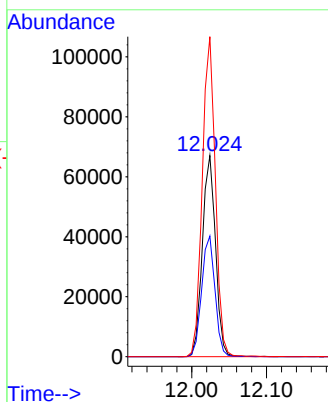
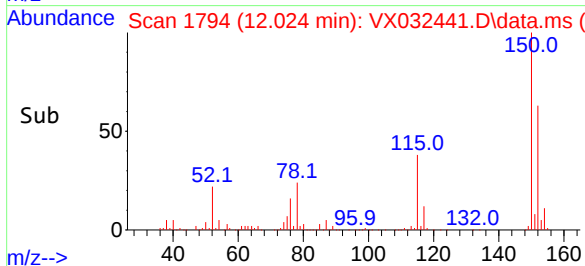


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

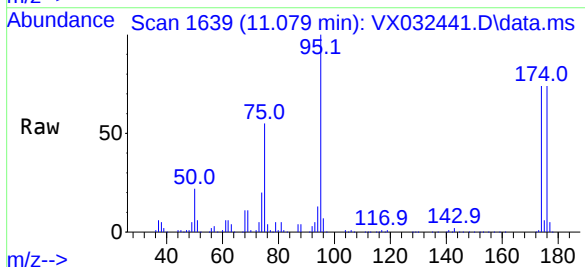
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL



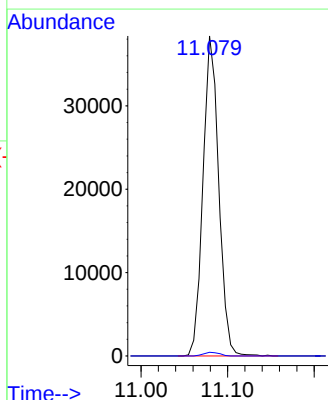
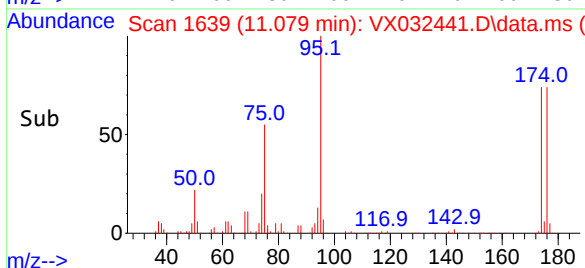
Tgt Ion:152 Resp: 82235
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 157.9 0.0 351.8

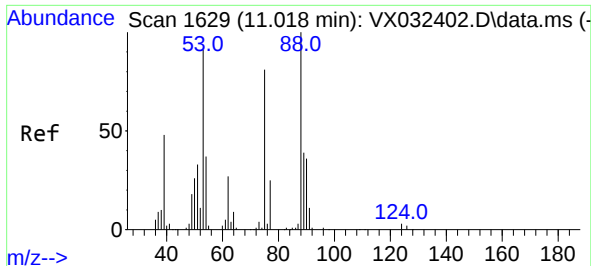


#76
1,2,3-Trichloropropane
Concen: 26.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09



Tgt Ion: 75 Resp: 48465
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

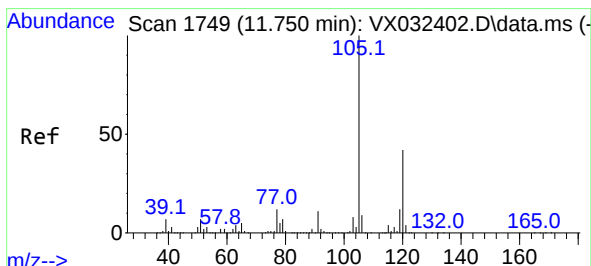
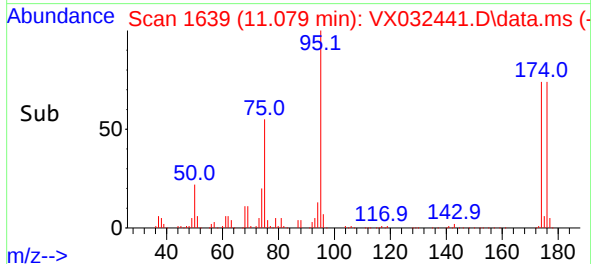
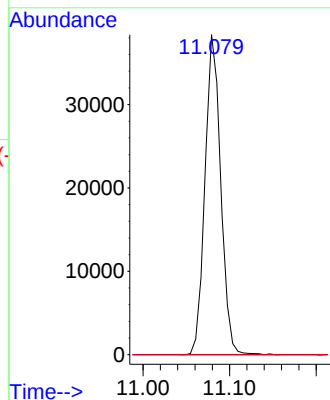
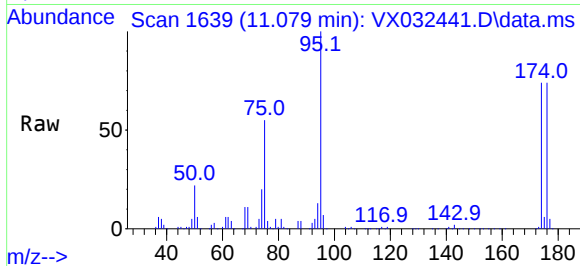




#81
trans-1,4-Dichloro-2-butene
Concen: 84.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

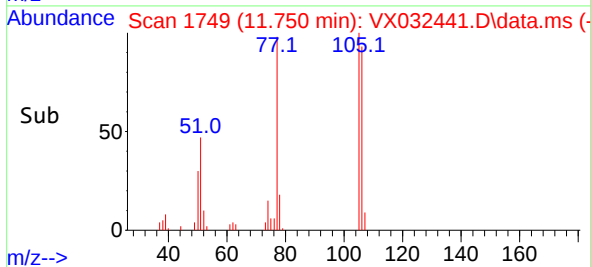
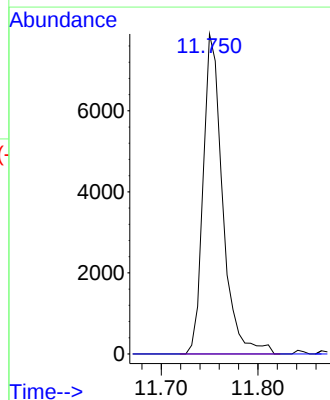
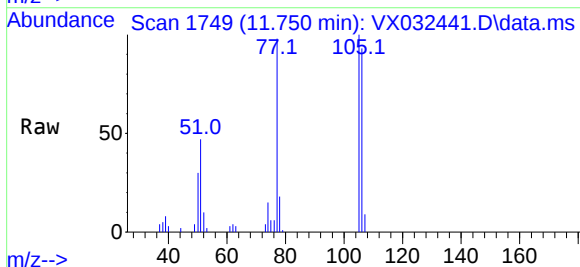
Instrument :
MSVOA_X
ClientSampleId :
024-OUTFALL

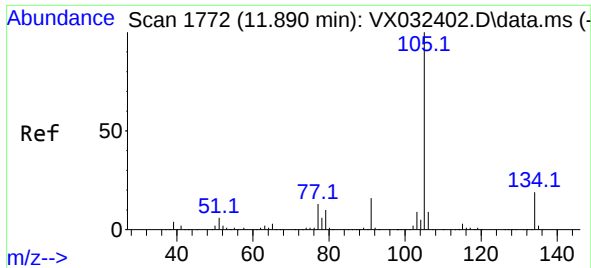
Tgt Ion: 75 Resp: 48465
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032441.D
Acq: 27 Oct 2022 20:09

Tgt Ion: 105 Resp: 11044
Ion Ratio Lower Upper
105 100
120 0.0 21.9 65.5#





#85

sec-Butylbenzene

Concen: 1.651 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.140 min

Lab File: VX032441.D

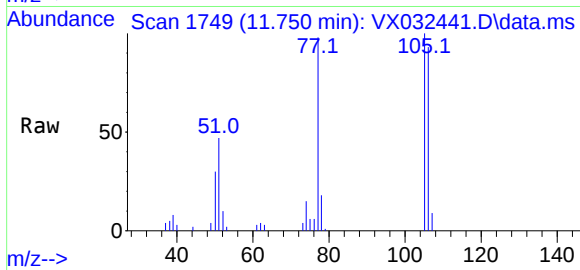
Acq: 27 Oct 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

024-OUTFALL



Tgt Ion:105 Resp: 11044

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#

