

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038287.D
 Acq On : 13 Oct 2023 16:15
 Operator : JC/MD
 Sample : 04884-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 026-OUTFALL

Quant Time: Oct 13 23:14:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

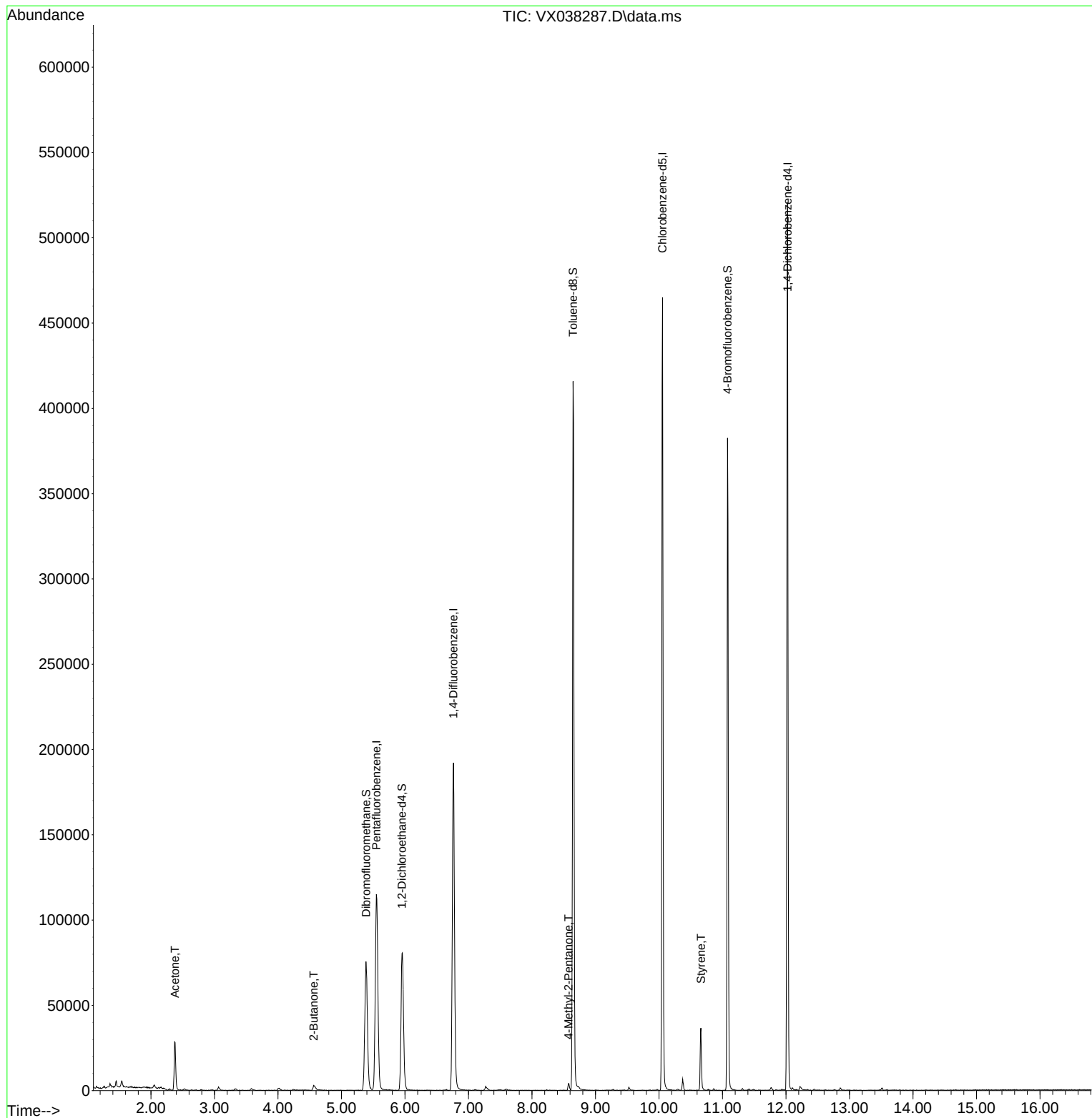
Internal Standards						
1) Pentafluorobenzene	5.550	168	109723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	194892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80836	45.804	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.385	113	63660	45.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.647	98	253519	47.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	97771	48.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	30756	41.757	ug/l	92
25) 2-Butanone	4.562	43	5572	4.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	2587	1.092	ug/l	96
70) Styrene	10.659	104	15463	3.291	ug/l	89

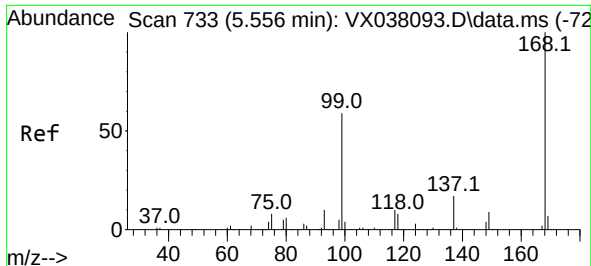
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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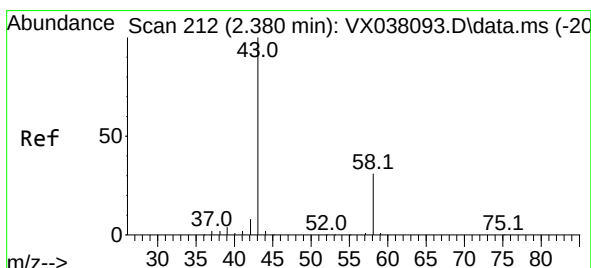
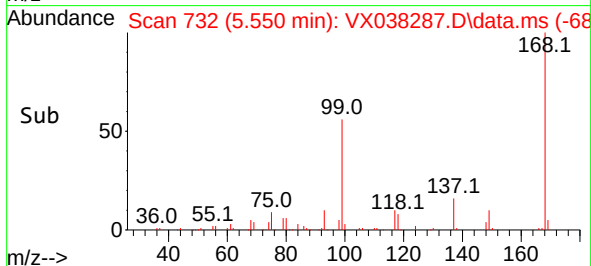
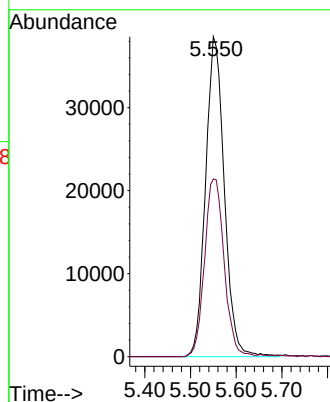
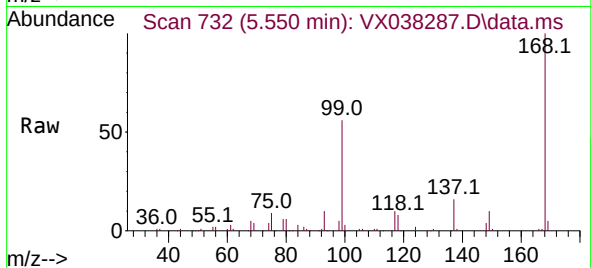




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

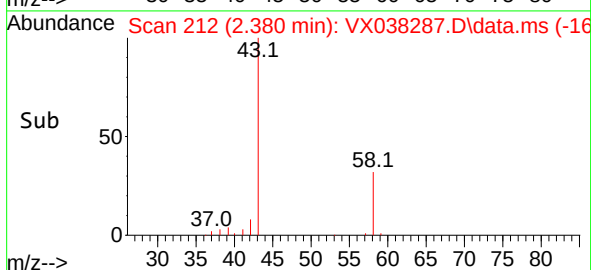
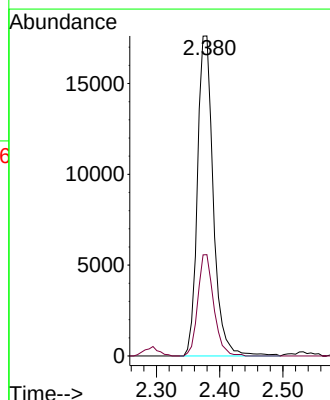
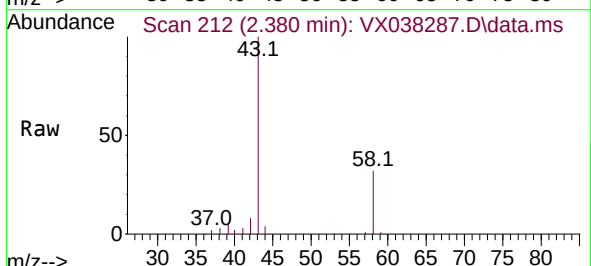
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

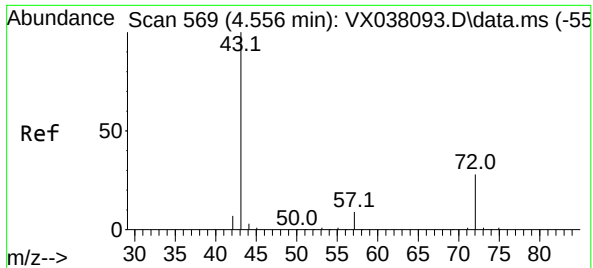
Tgt Ion:168 Resp: 109723
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#16
Acetone
Concen: 41.757 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 43 Resp: 30756
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





#25

2-Butanone

Concen: 4.689 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

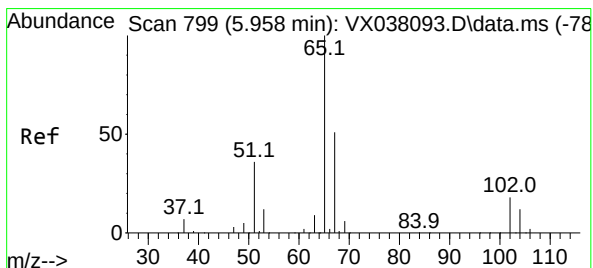
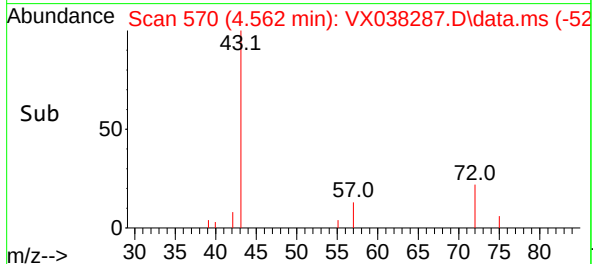
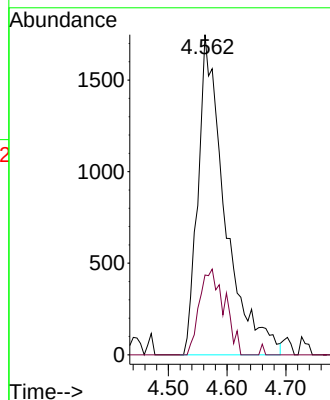
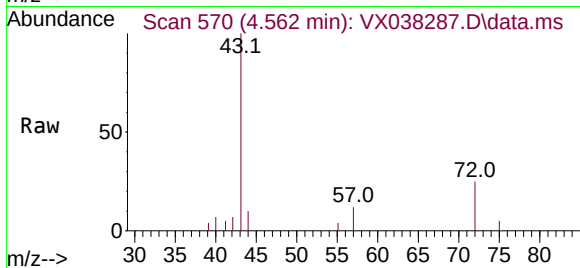
026-OUTFALL

Tgt Ion: 43 Resp: 5572

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 45.804 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038287.D

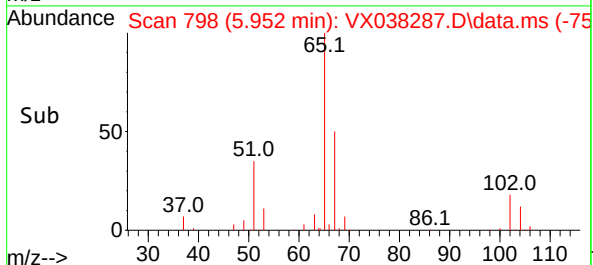
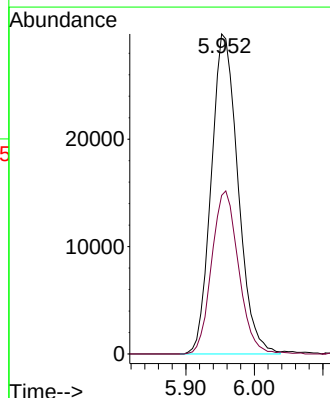
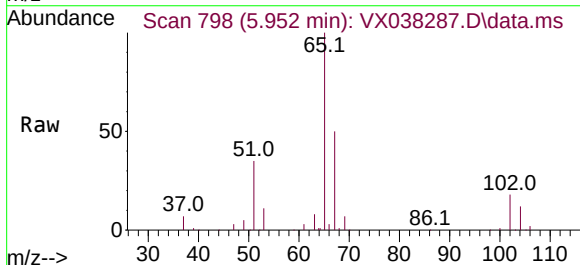
Acq: 13 Oct 2023 16:15

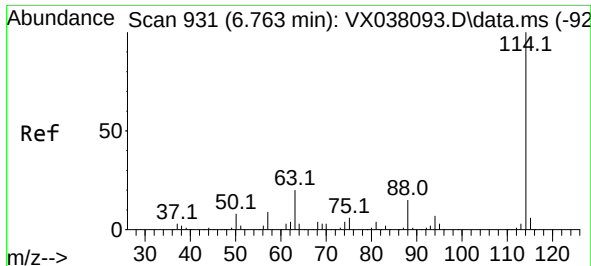
Tgt Ion: 65 Resp: 80836

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2

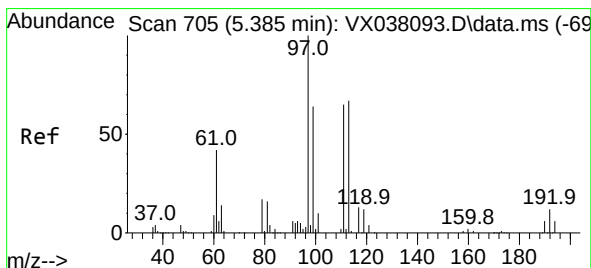
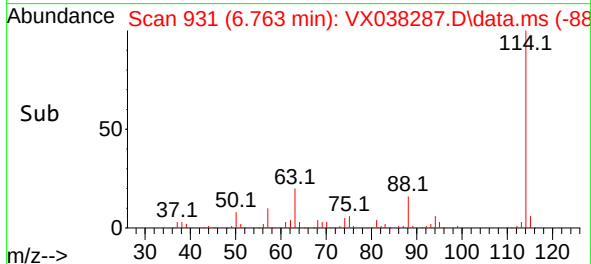
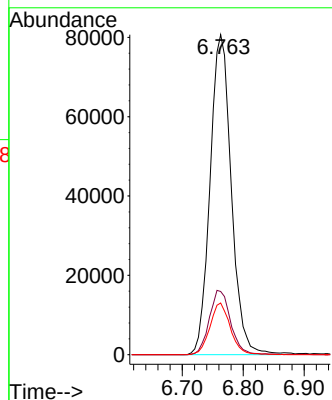
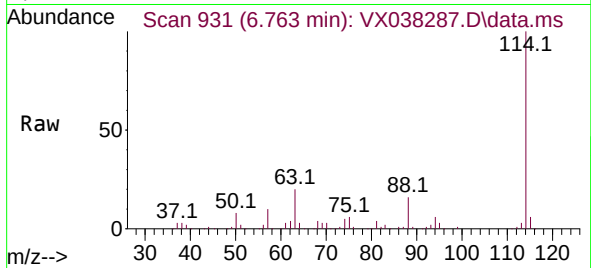




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

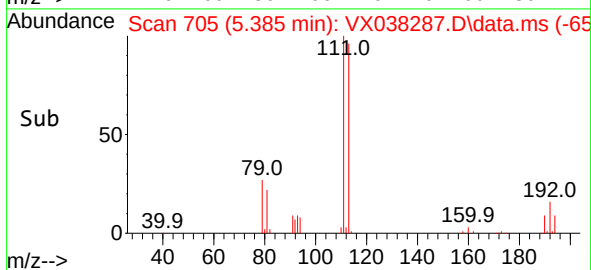
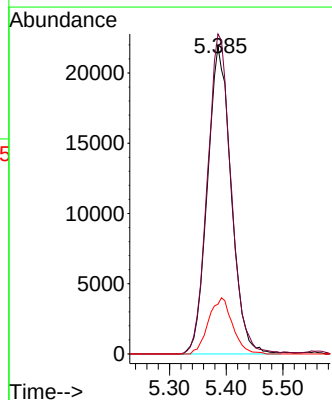
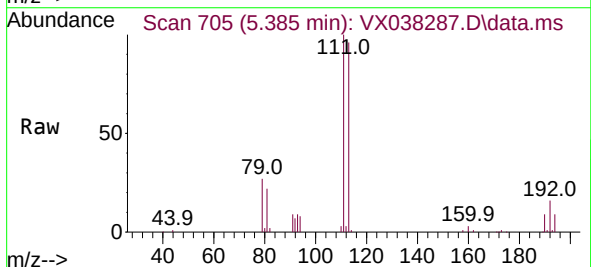
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

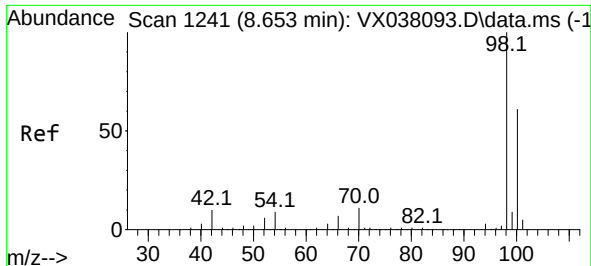
Tgt Ion:114 Resp: 194892
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.332 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion:113 Resp: 63660
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9

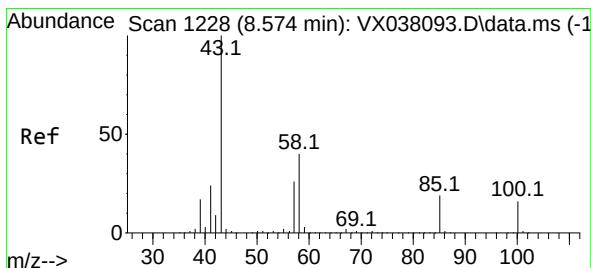
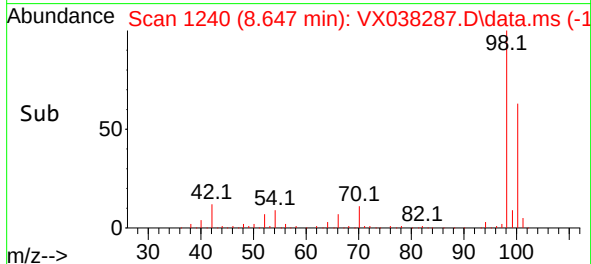
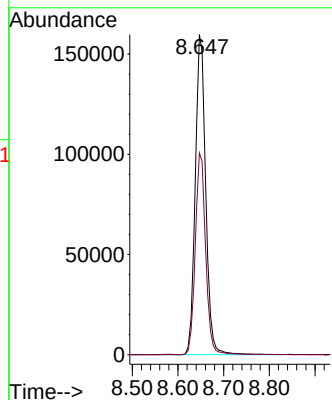
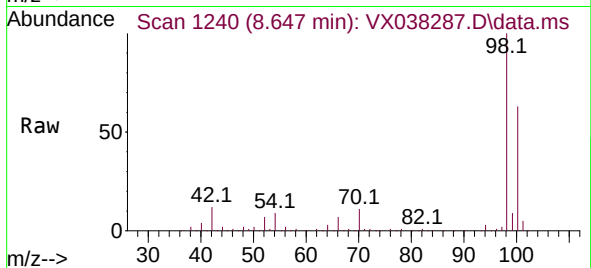




#50
Toluene-d8
Concen: 47.243 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

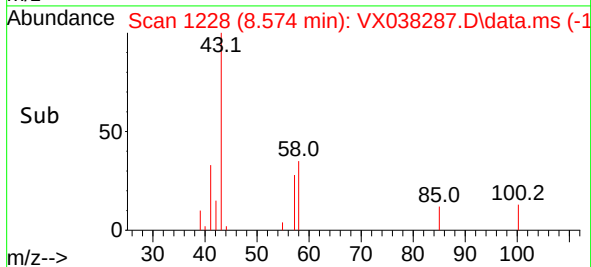
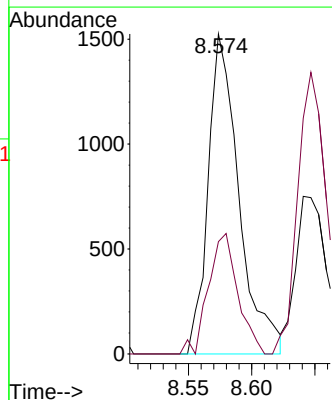
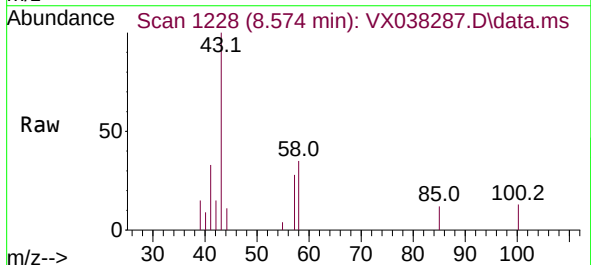
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

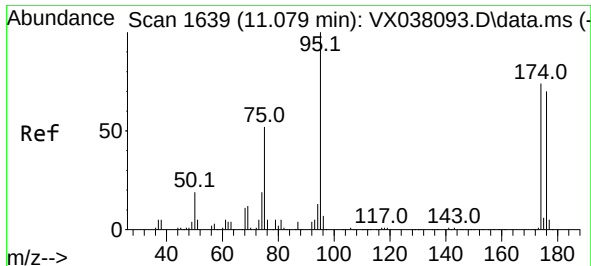
Tgt Ion: 98 Resp: 253519
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.092 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 43 Resp: 2587
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6





#62

4-Bromofluorobenzene

Concen: 48.059 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

026-OUTFALL

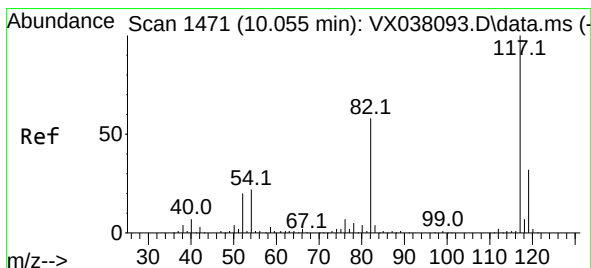
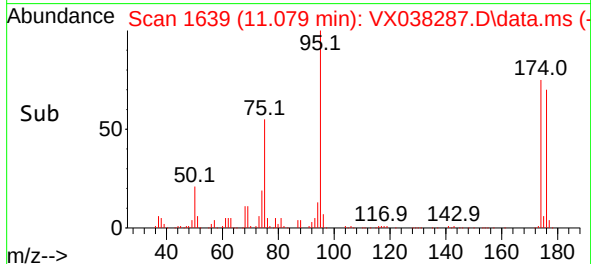
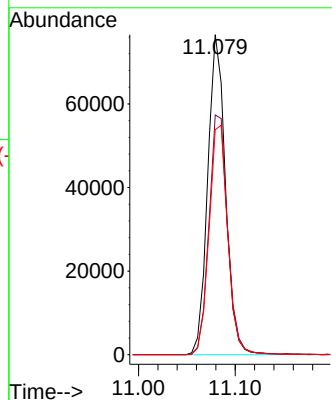
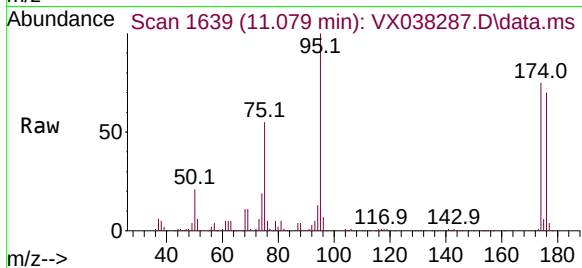
Tgt Ion: 95 Resp: 97771

Ion Ratio Lower Upper

95 100

174 79.3 0.0 135.6

176 75.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

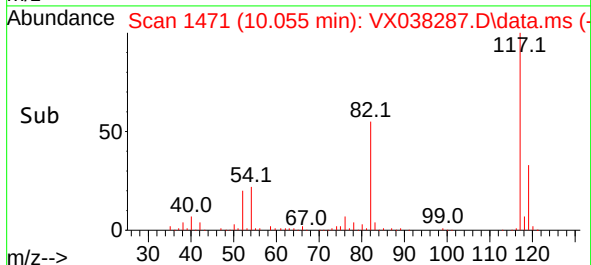
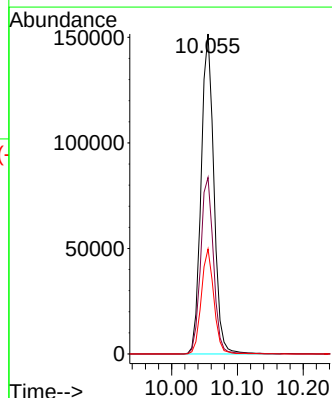
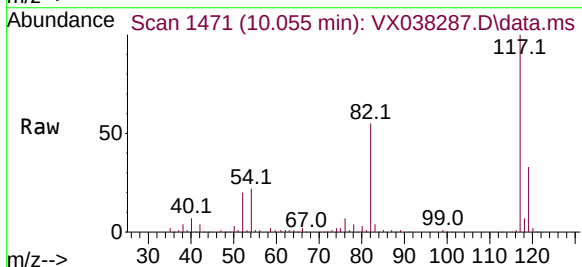
Tgt Ion: 117 Resp: 204702

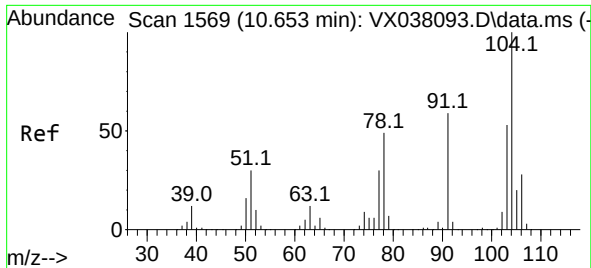
Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

119 32.8 25.5 38.3

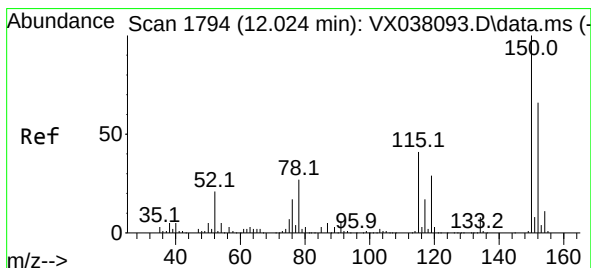
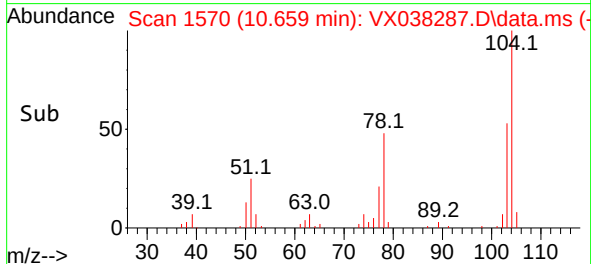
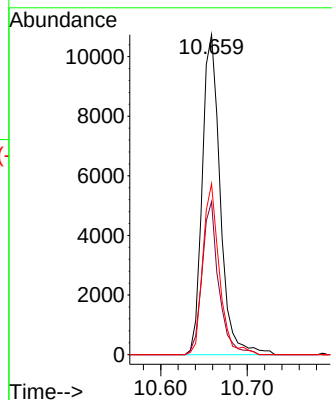
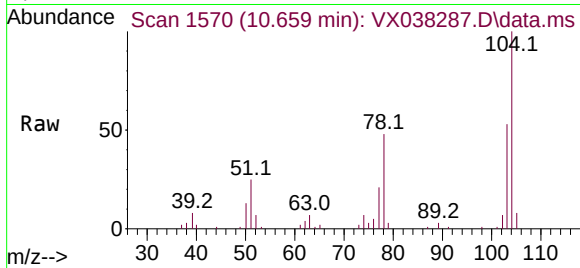




#70
Styrene
Concen: 3.291 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

Tgt Ion:104 Resp: 15463
Ion Ratio Lower Upper
104 100
78 44.3 43.6 65.4
103 49.3 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion:152 Resp: 106696
Ion Ratio Lower Upper
152 100
115 59.1 43.3 129.9
150 157.3 0.0 345.0

