

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)

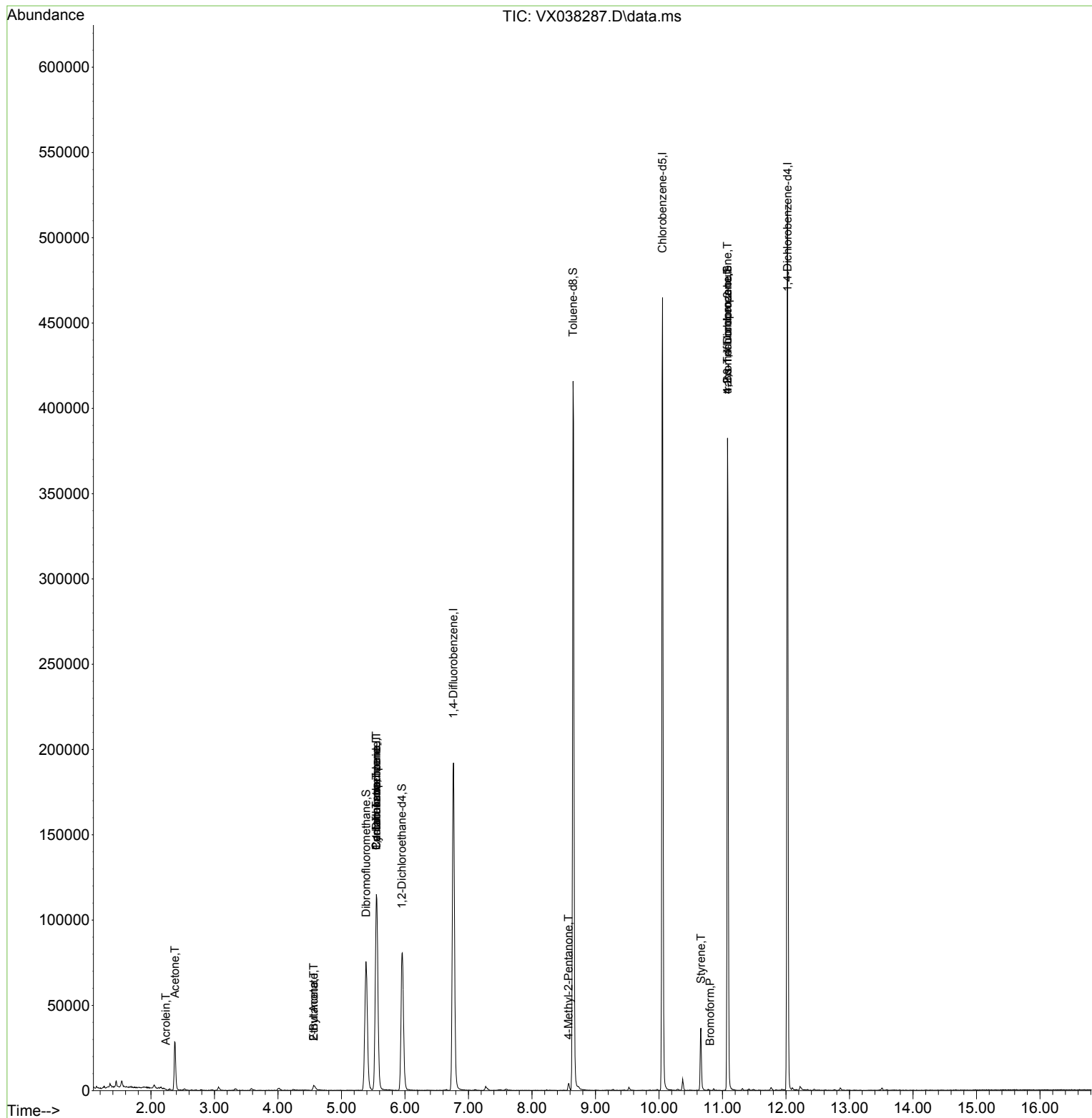
Internal Standards						
1) Pentafluorobenzene	5.550	168	109723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	194892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
5) Bromomethane	1.605	94	19	Below Cal	#	3
6) Chloroethane	1.679	64	181	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	420	Below Cal	#	78
13) Acrolein	2.233	56	367	1.463	ug/l	85
16) Acetone	2.380	43	30756	41.757	ug/l	92
25) 2-Butanone	4.562	43	5572	4.689	ug/l	99
31) Cyclohexane	5.550	56	2623	1.372	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9260	4.782	ug/l #	50
37) Ethyl Acetate	4.562	43	5572	2.423	ug/l #	69
38) Carbon Tetrachloride	5.550	117	11026	5.788	ug/l #	14
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
71) Bromoform	10.805	173	69	2.912	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	53543	22.074	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53543	63.289	ug/l #	5

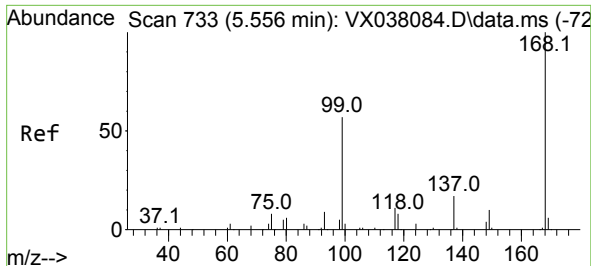
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

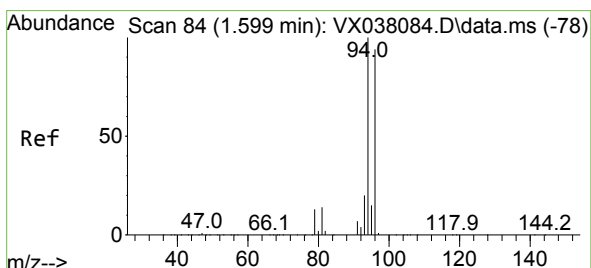
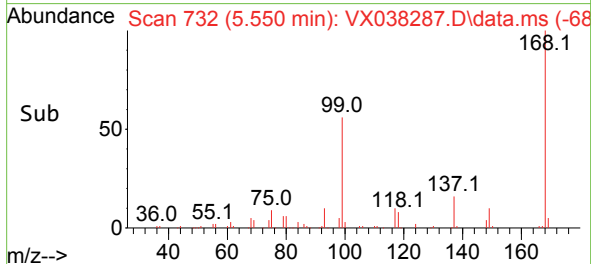
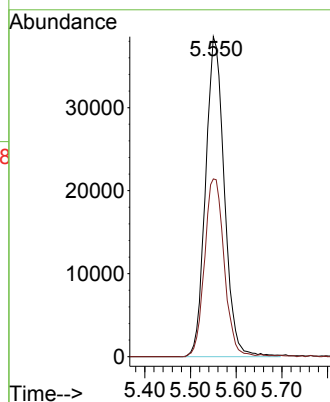
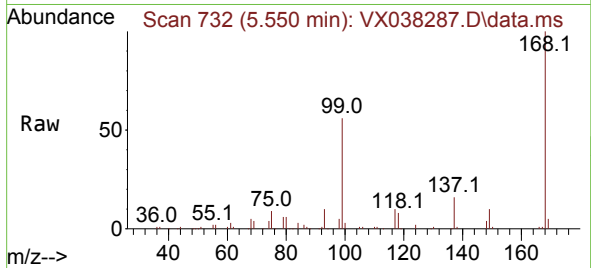




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

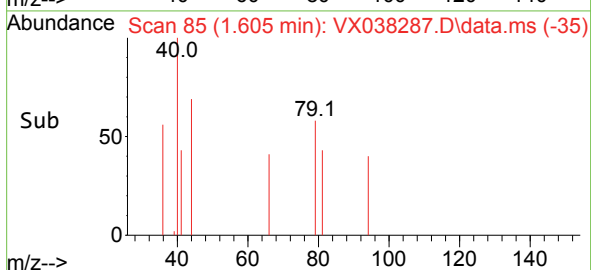
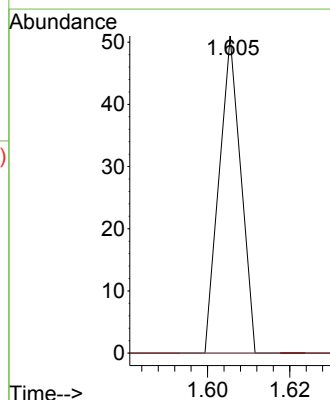
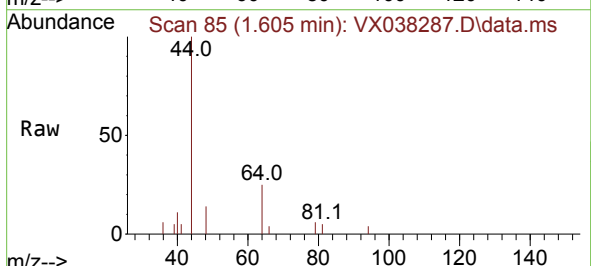
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

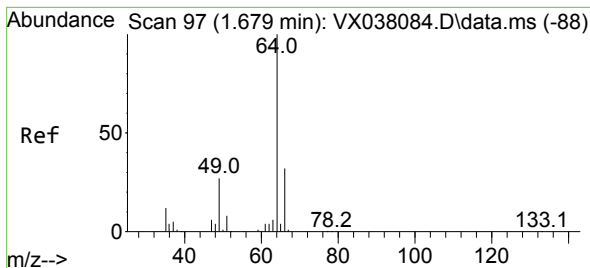
Tgt Ion:168 Resp: 109723
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

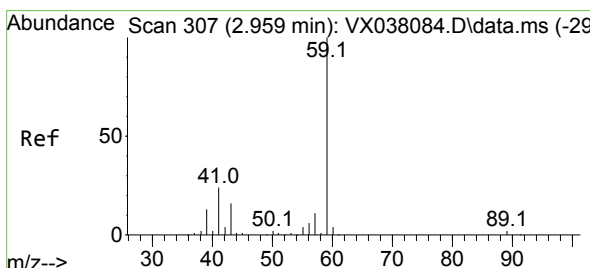
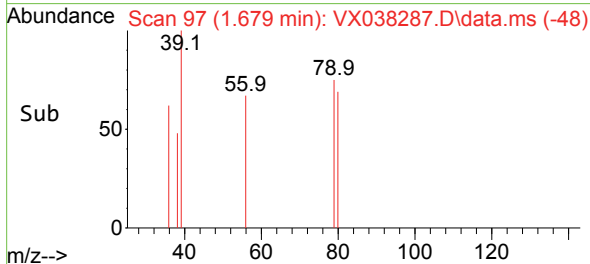
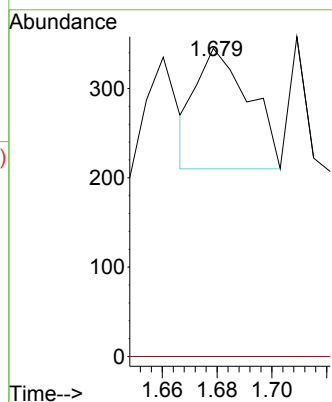
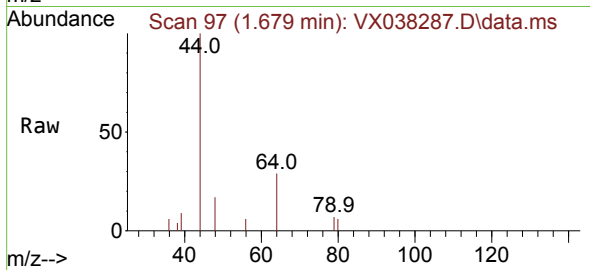




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

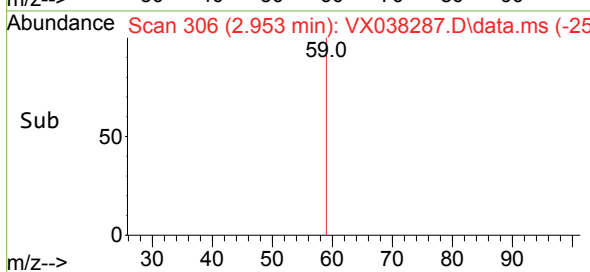
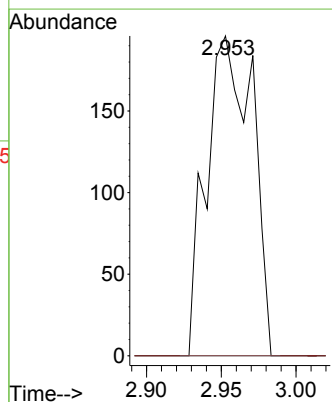
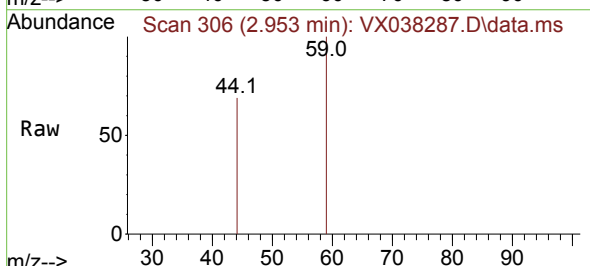
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

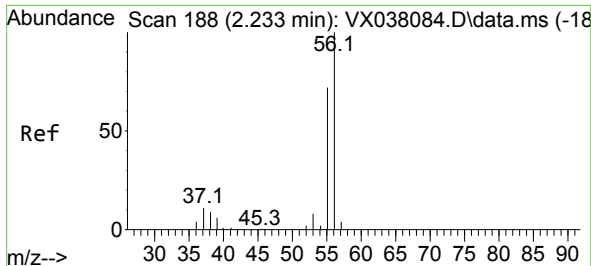
Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

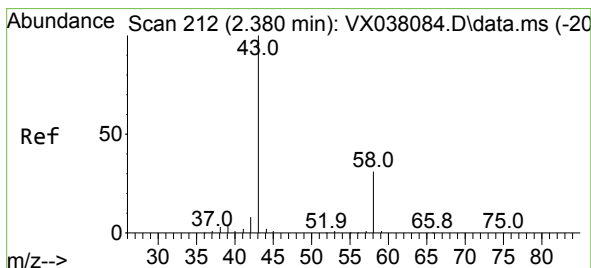
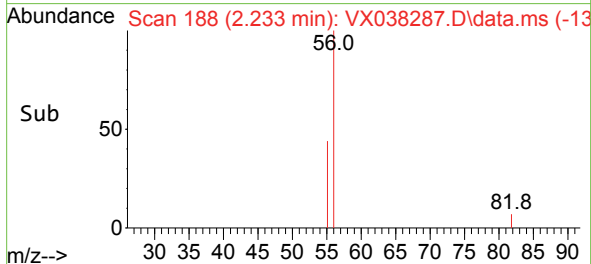
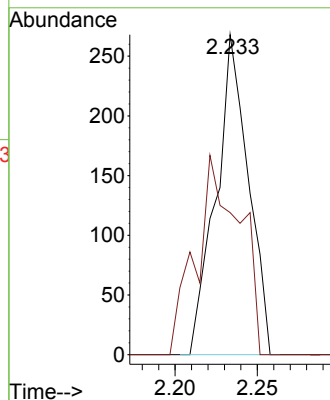
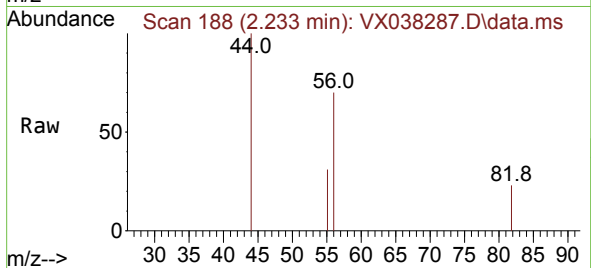




#13
Acrolein
Concen: 1.463 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

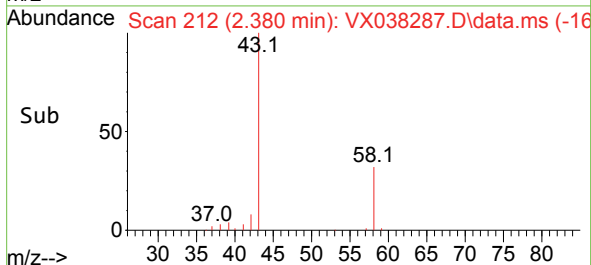
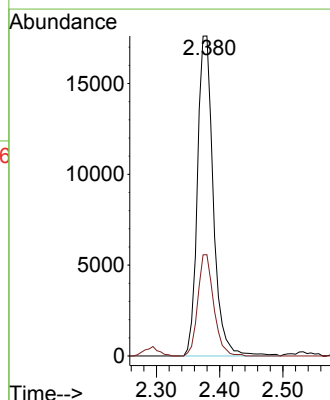
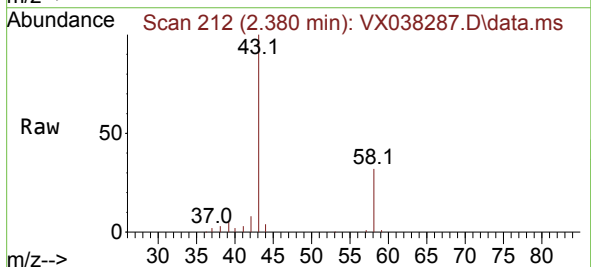
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

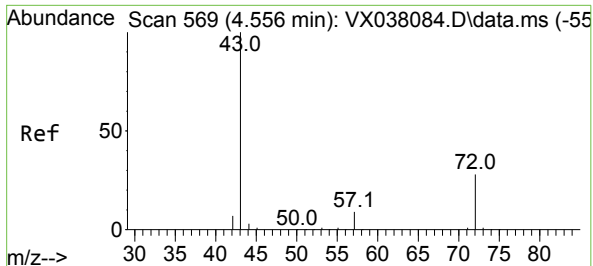
Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 83.9 57.1 85.7



#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 :

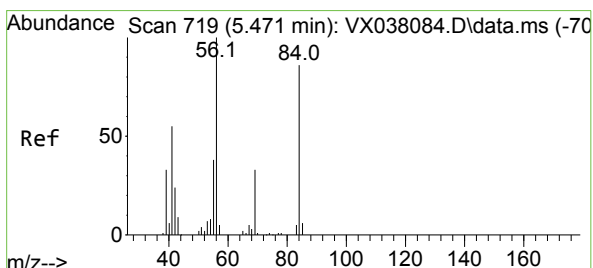
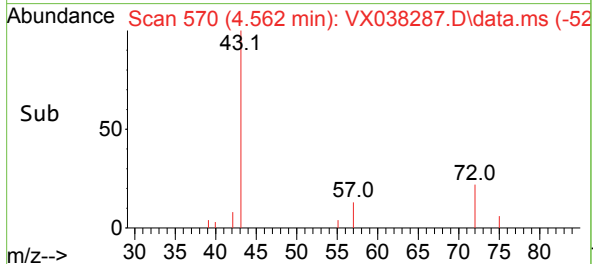
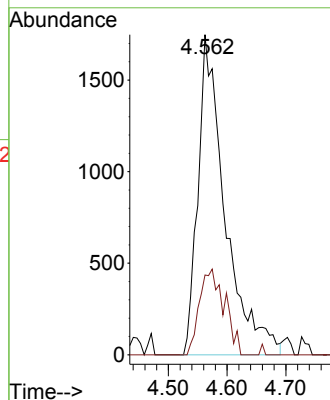
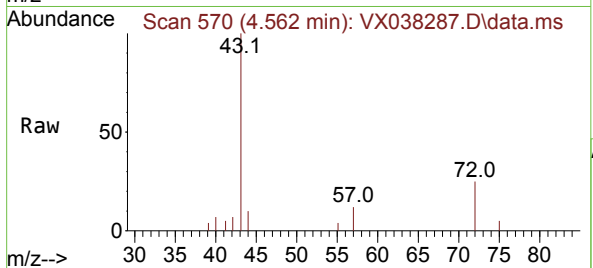
026-OUTFALL

Tgt Ion: 43 Resp: 5572

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2



#31

Cyclohexane

Concen: 1.372 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

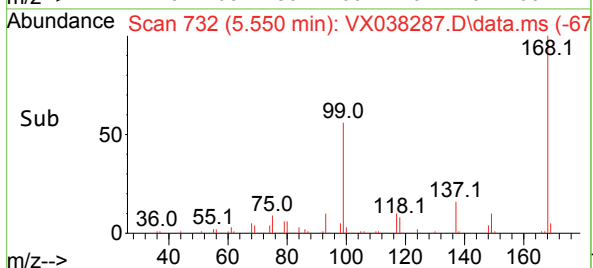
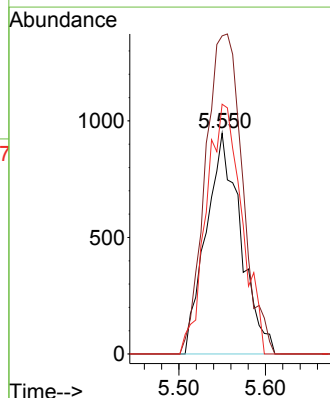
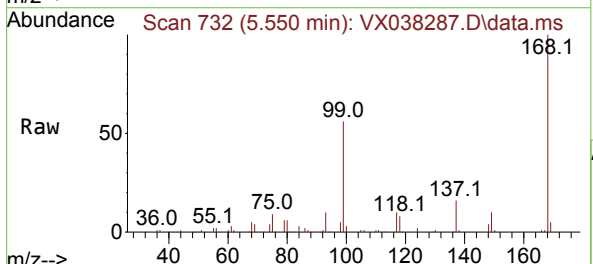
Tgt Ion: 56 Resp: 2623

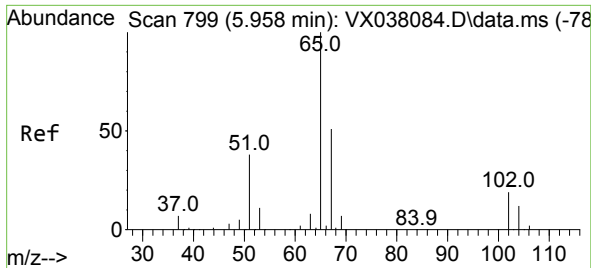
Ion Ratio Lower Upper

56 100

69 144.1 23.4 35.2#

84 113.2 65.9 98.9#

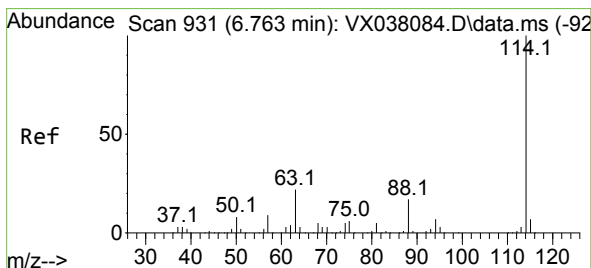
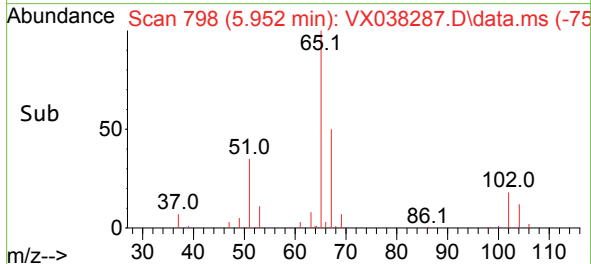
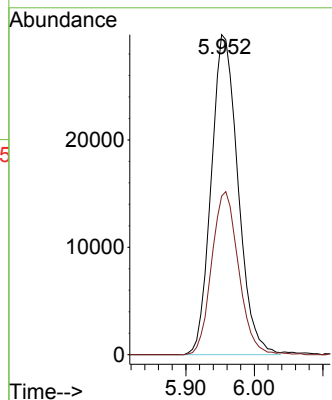
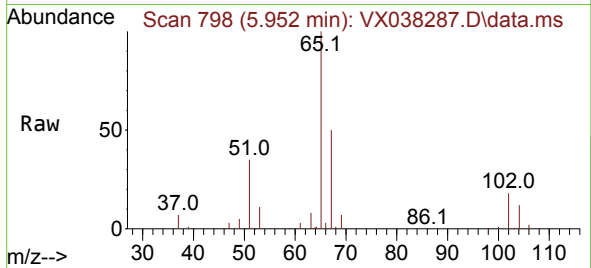




#33
 1,2-Dichloroethane-d4
 Concen: 45.804 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038287.D
 Acq: 13 Oct 2023 16:15

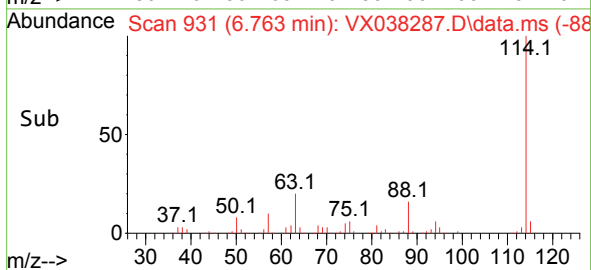
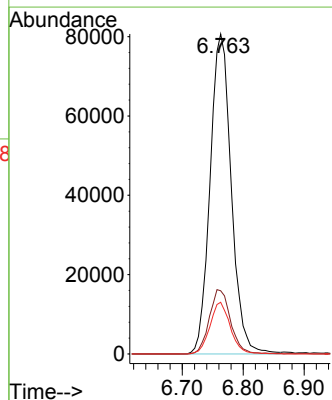
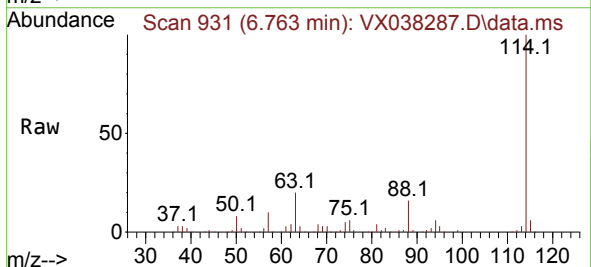
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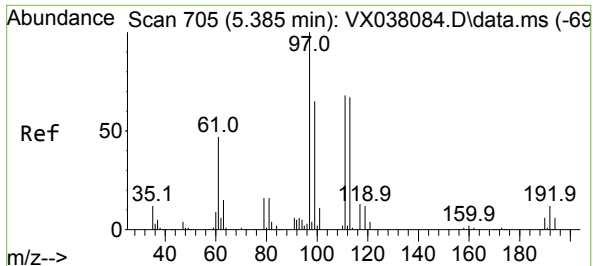
Tgt Ion: 65 Resp: 80836
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038287.D
 Acq: 13 Oct 2023 16:15

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

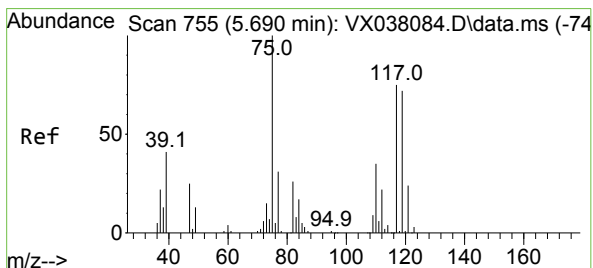
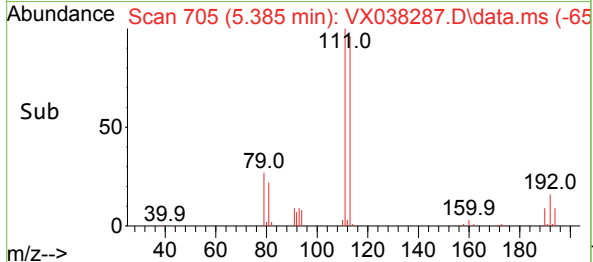
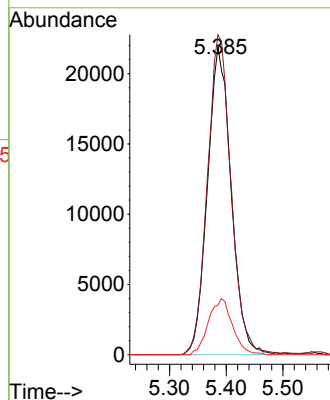
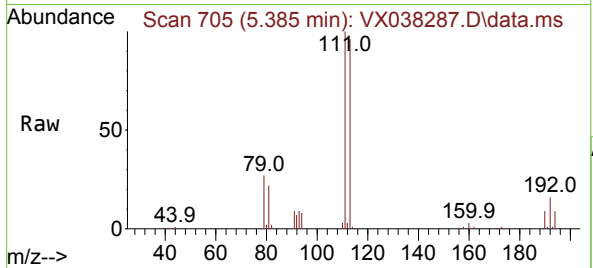




#35
Dibromofluoromethane
Concen: 45.332 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

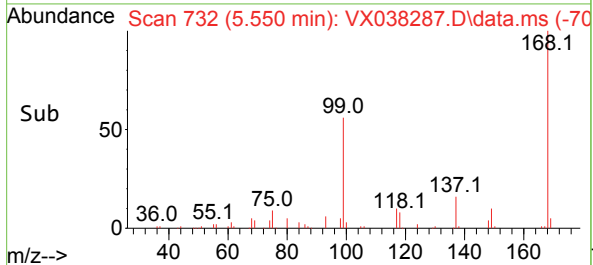
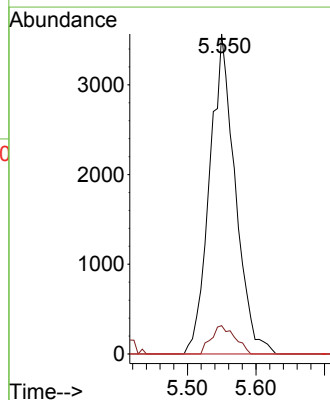
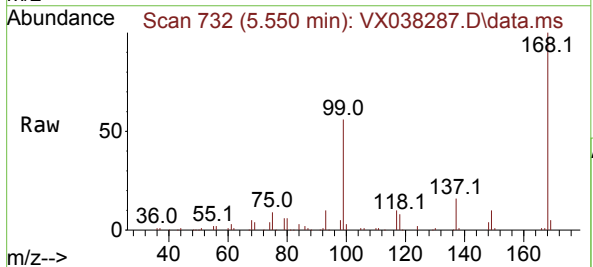
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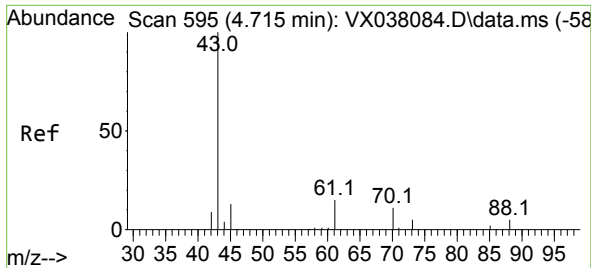
Tgt Ion:113 Resp: 63660
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 75 Resp: 9260
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#

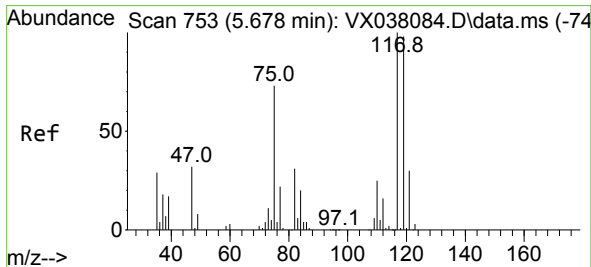
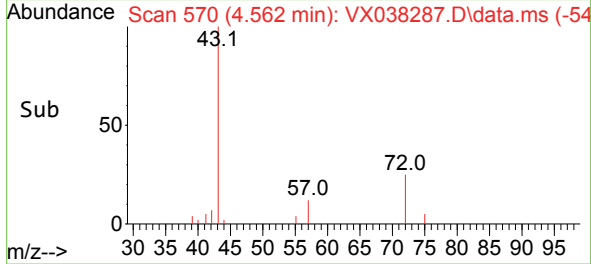
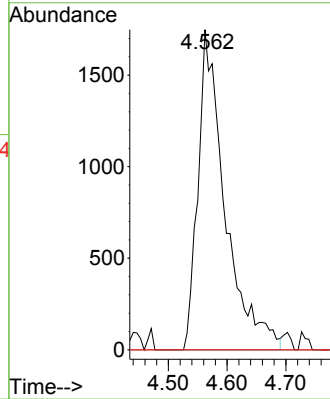
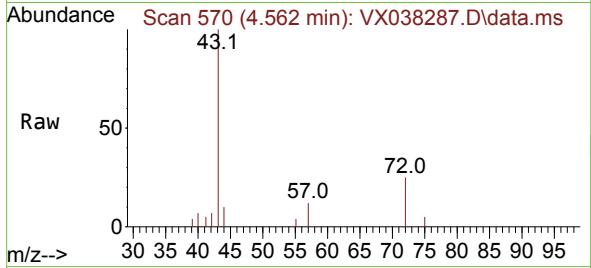




#37
Ethyl Acetate
Concen: 2.423 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.153 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

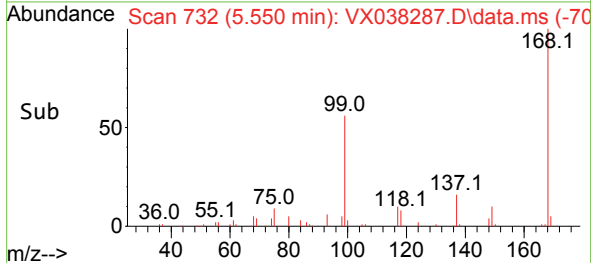
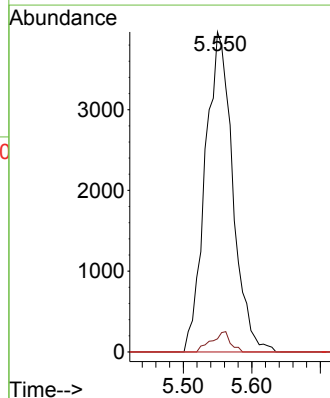
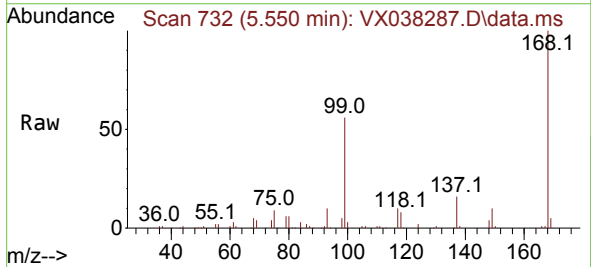
Instrument :
MSVOA_X
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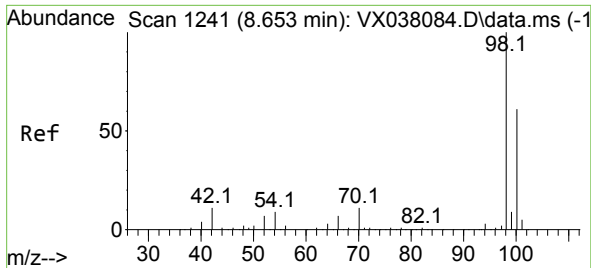
Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

Tgt Ion: 117 Resp: 11026
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

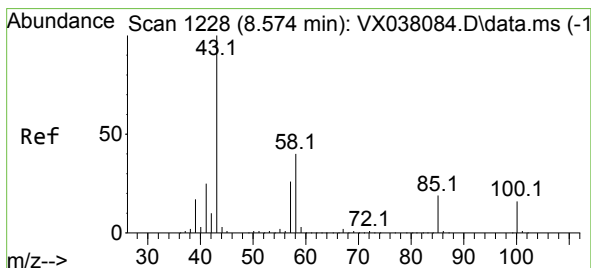
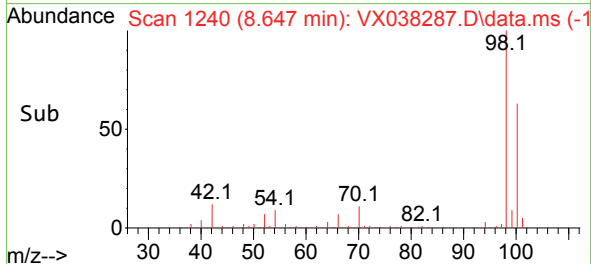
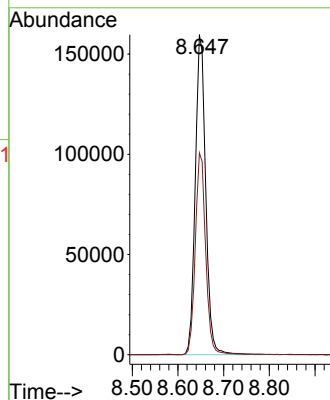
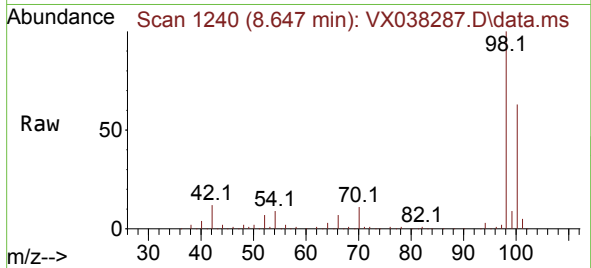




#50
Toluene-d8
Concen: 47.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

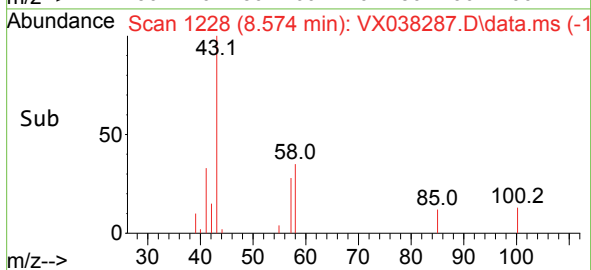
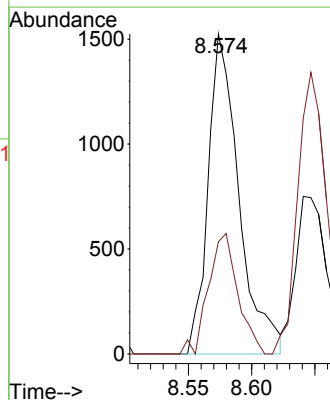
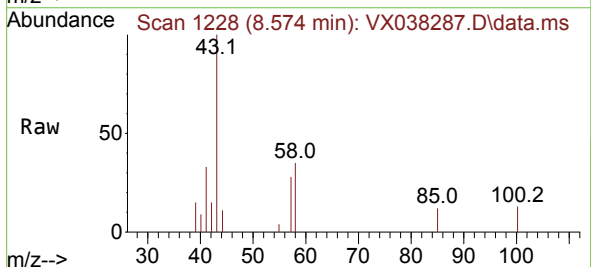
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

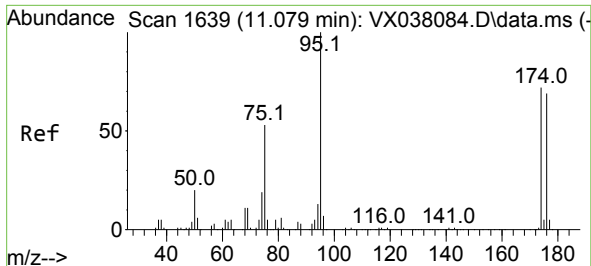
Tgt Ion: 98 Resp: 253519
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#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

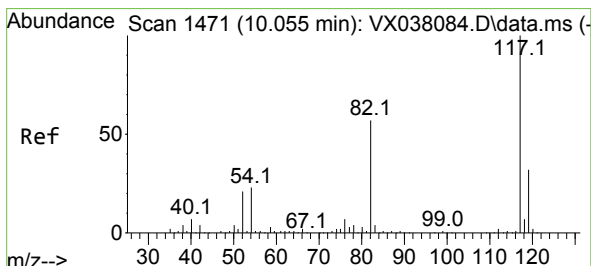
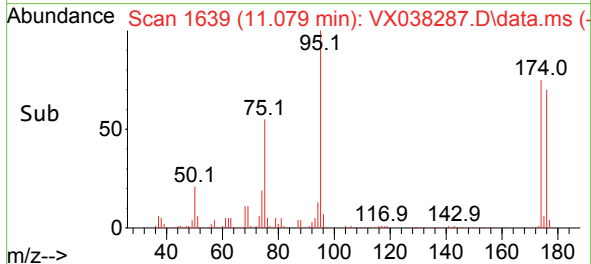
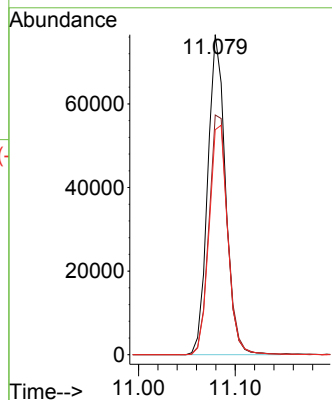
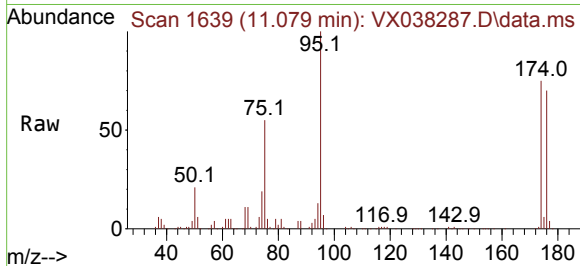




#62
4-Bromofluorobenzene
Concen: 48.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038287.D
Acq: 13 Oct 2023 16:15

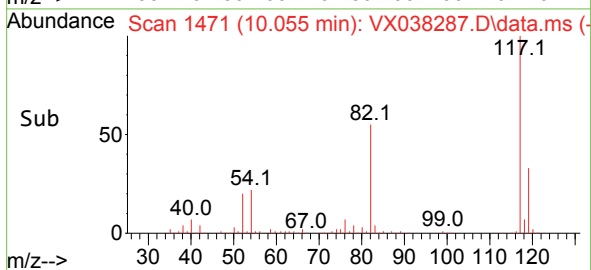
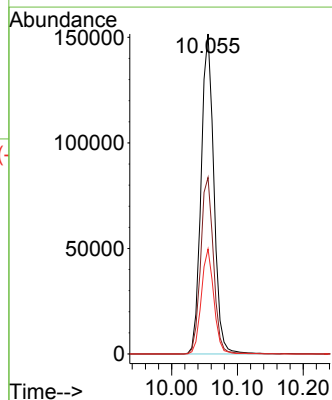
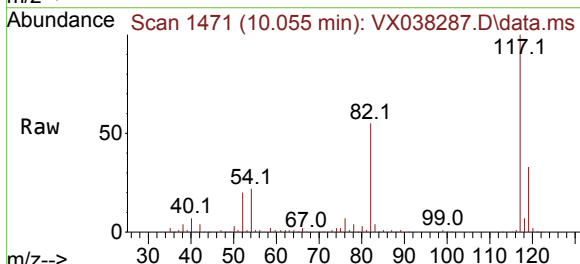
Instrument :
MSVOA_X
ClientSampleId :
026-OUTFALL

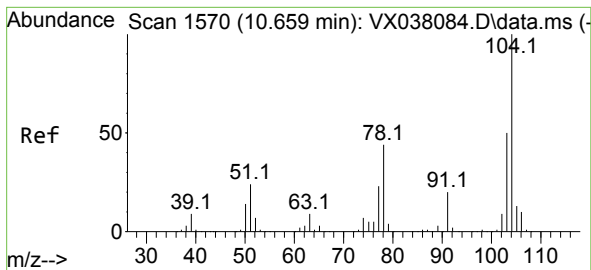
Tgt Ion: 95 Resp: 97771
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 75.4 0.0 131.0



#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# 1570

Delta R.T. -0.000 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

026-OUTFALL

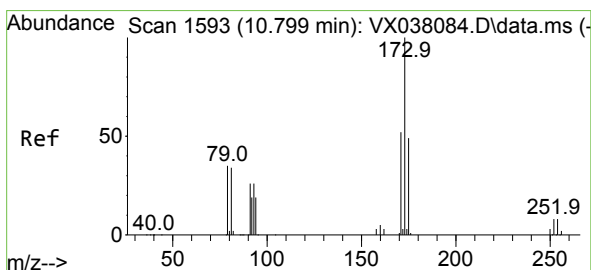
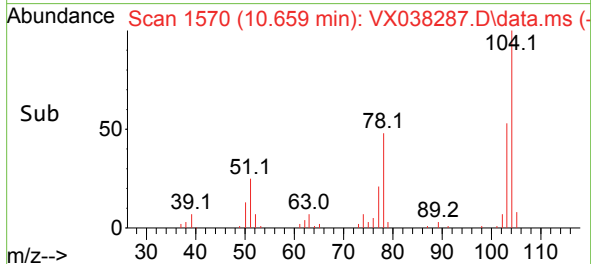
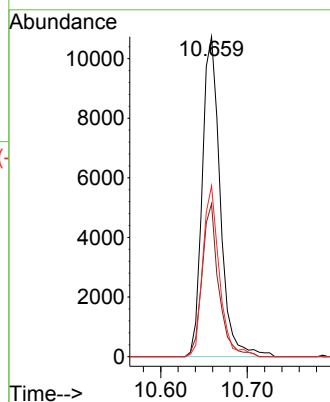
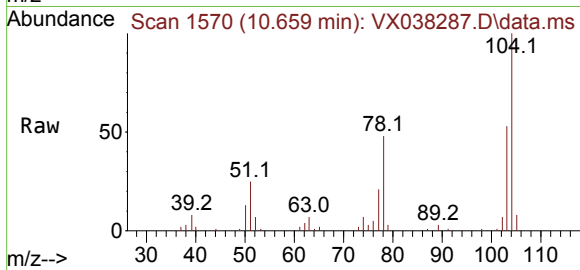
Tgt Ion:104 Resp: 15463

Ion Ratio Lower Upper

104 100

78 44.3 43.6 65.4

103 49.3 43.6 65.4



#71

Bromoform

Concen: 2.912 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX038287.D

Acq: 13 Oct 2023 16:15

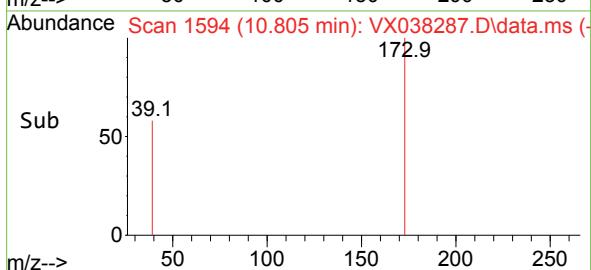
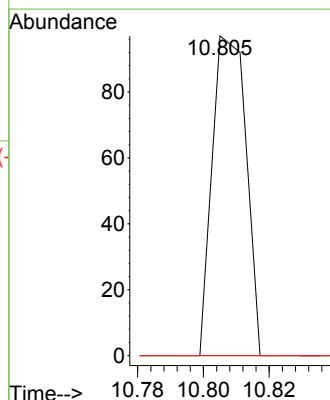
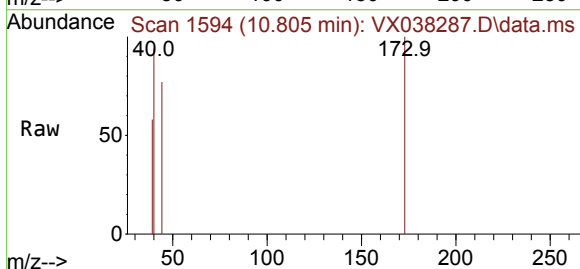
Tgt Ion:173 Resp: 69

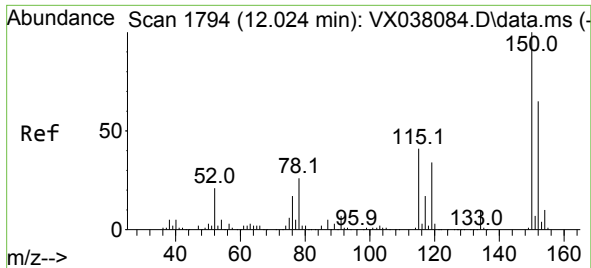
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0

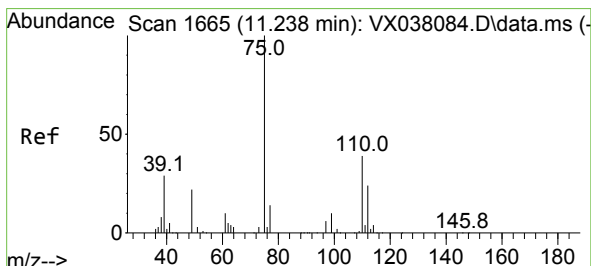
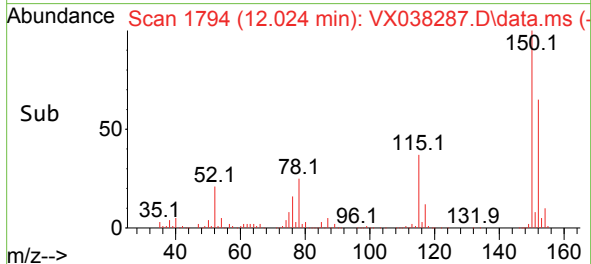
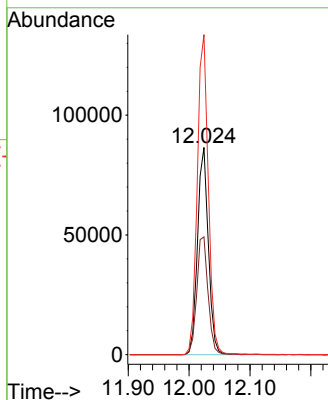
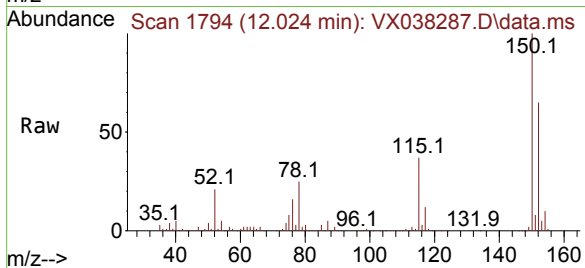




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038287.D
 Acq: 13 Oct 2023 16:15

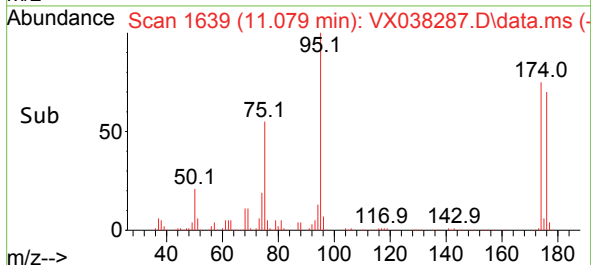
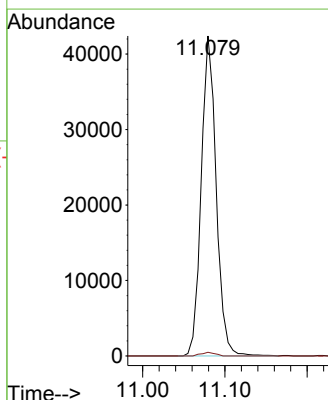
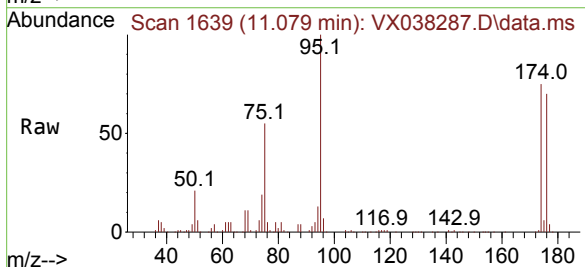
Instrument :
 MSVOA_X
 ClientSampleId :
 026-OUTFALL

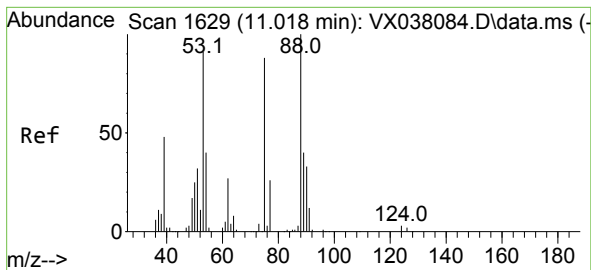
Tgt Ion:152 Resp: 106696
 Ion Ratio Lower Upper
 152 100
 115 59.1 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.074 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038287.D
 Acq: 13 Oct 2023 16:15

Tgt Ion: 75 Resp: 53543
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.289 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038287.D
 Acq: 13 Oct 2023 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 026-OUTFALL

Tgt Ion: 75 Resp: 53543
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

