

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
 Data File : VX026408.D
 Acq On : 10 Jan 2022 17:26
 Operator : JC/MD
 Sample : N1035-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QUARTERLY-INFLUENT

Quant Time: Jan 11 04:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

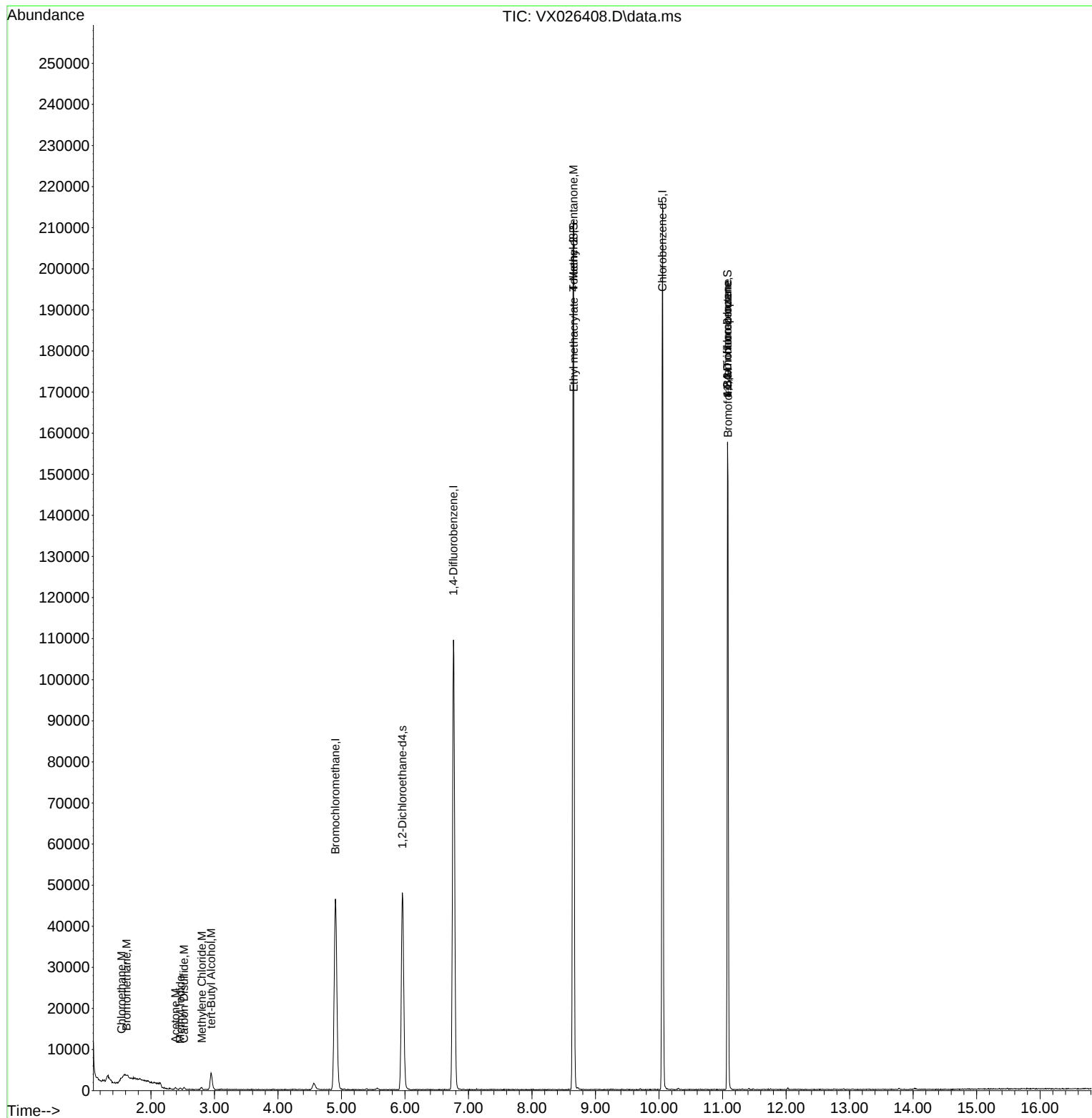
Internal Standards						
1) Bromochloromethane	4.904	128	19299	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	109413	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92623	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	48581	31.305	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.367%
60) 4-Bromofluorobenzene	11.079	95	43712	28.278	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.267%
63) Toluene-d8	8.653	98	126392	29.704	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	237	0.469	ug/l #	70
6) Chloroethane	1.538	64	812	1.275	ug/l #	70
11) Methyl Iodide	2.465	142	394	0.350	ug/l #	73
15) Acetone	2.386	58	97	0.509	ug/l #	31
16) Carbon Disulfide	2.520	76	742	0.253	ug/l #	75
18) Methylene Chloride	2.800	84	276	0.242	ug/l #	32
23) tert-Butyl Alcohol	2.947	59	3105	14.121	ug/l #	100
51) Ethyl methacrylate	8.659	69	441	0.239	ug/l	76
56) Bromoform	11.085	173	300	0.359	ug/l #	1
58) 4-Methyl-2-Pentanone	8.653	43	686	0.397	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	22391	15.146	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	22391	50.361	ug/l #	3

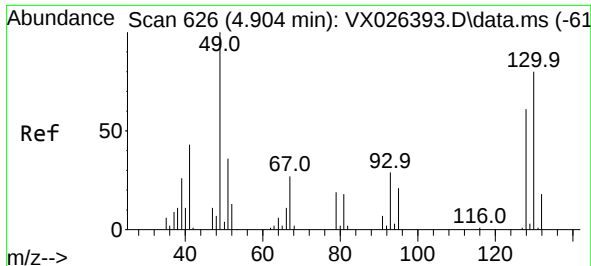
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
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QUARTERLY-INFLUENT

Quant Time: Jan 11 04:56:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

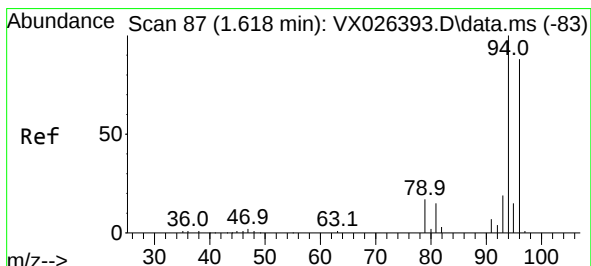
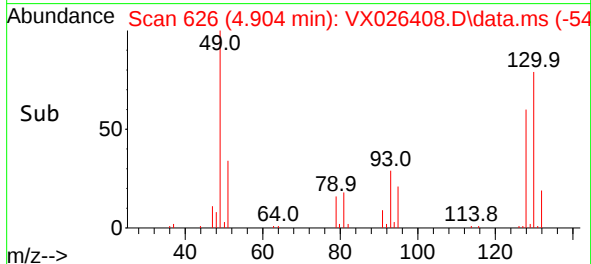
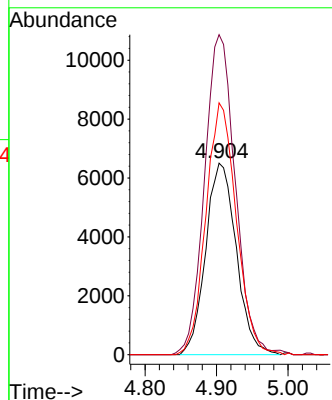
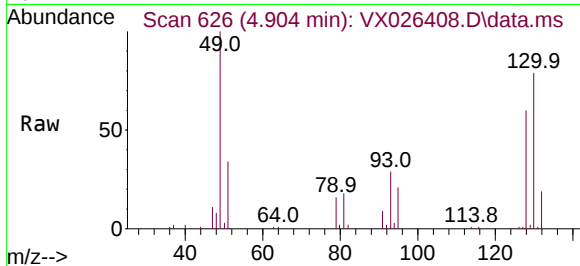




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

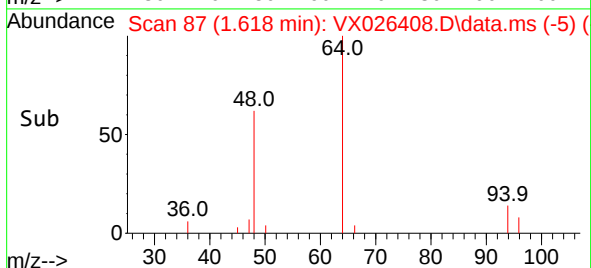
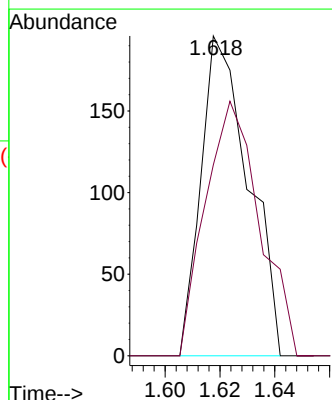
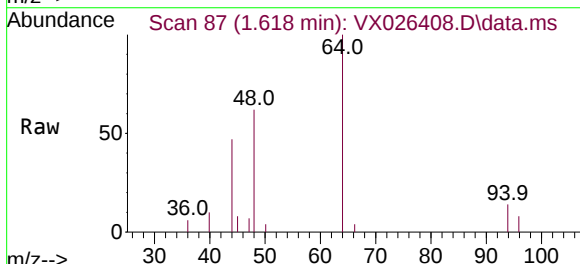
Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

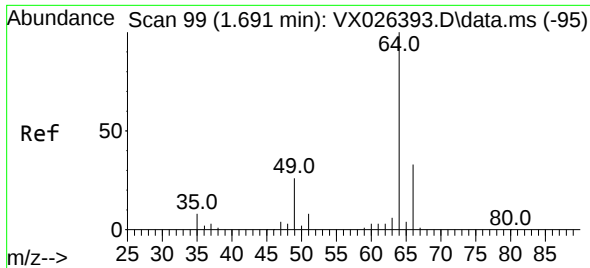
Tgt Ion:128 Resp: 19299
Ion Ratio Lower Upper
128 100
49 167.5 0.0 413.5
130 131.0 0.0 326.0



#5
Bromomethane
Concen: 0.469 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 59.7 70.3 105.5#

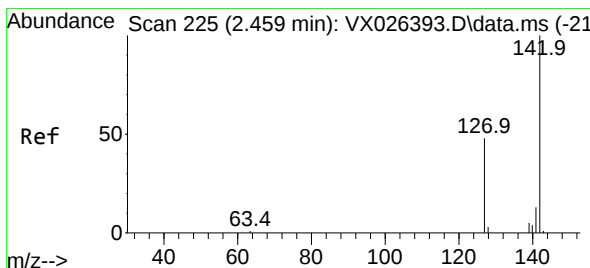
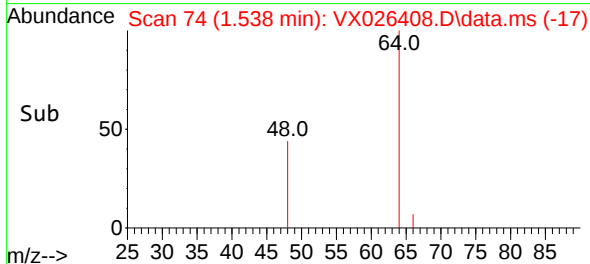
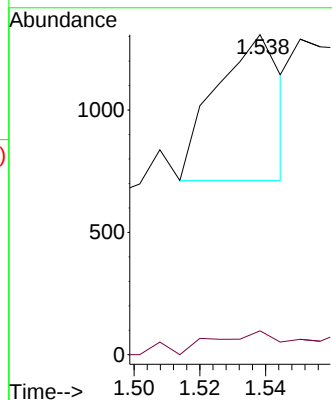
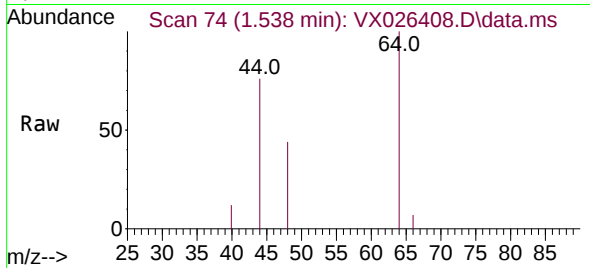




#6
Chloroethane
Concen: 1.275 ug/l
RT: 1.538 min Scan# 74
Delta R.T. -0.152 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

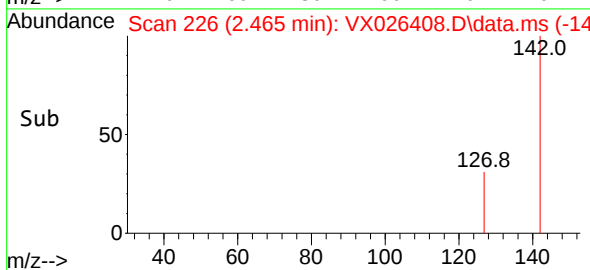
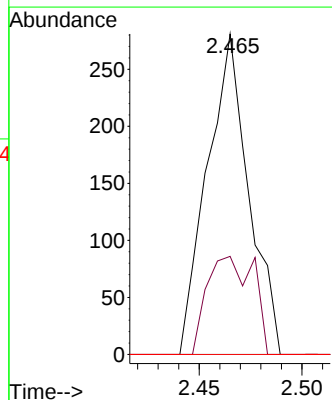
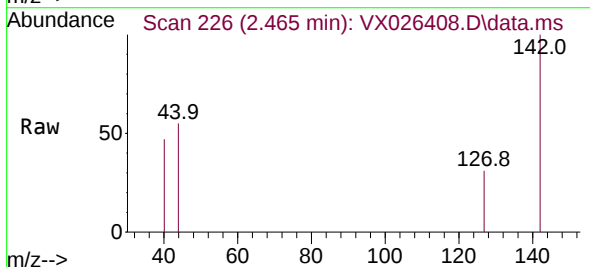
Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

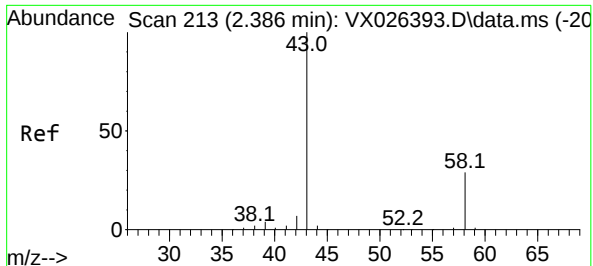
Tgt Ion: 64 Resp: 812
Ion Ratio Lower Upper
64 100
66 16.4 26.6 39.8#



#11
Methyl Iodide
Concen: 0.350 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 142 Resp: 394
Ion Ratio Lower Upper
142 100
127 30.6 23.9 71.7
141 0.0 6.7 20.1#





#15

Acetone

Concen: 0.509 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026408.D

Acq: 10 Jan 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

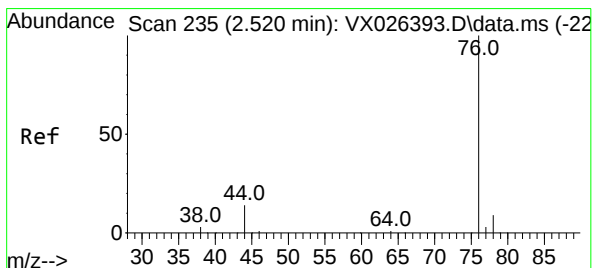
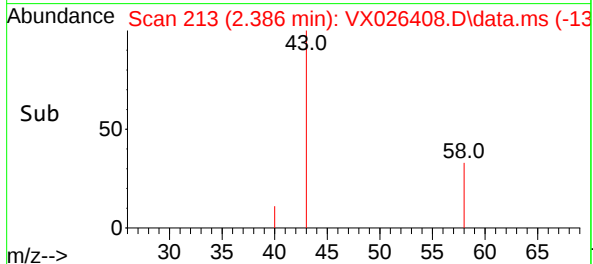
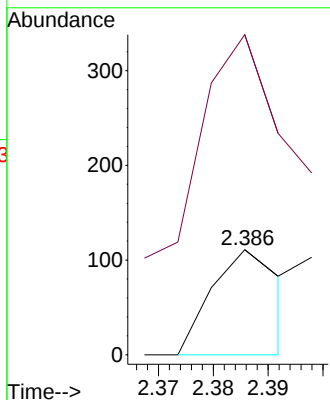
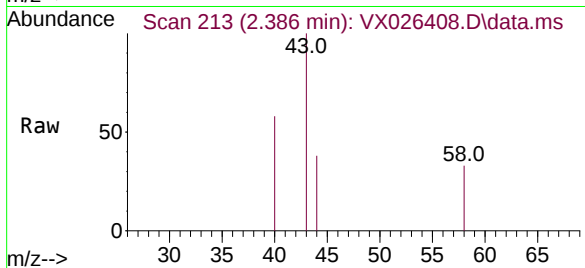
QUARTERLY-INFLUENT

Tgt Ion: 58 Resp: 97

Ion Ratio Lower Upper

58 100

43 197.3 276.3 414.5#



#16

Carbon Disulfide

Concen: 0.253 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.000 min

Lab File: VX026408.D

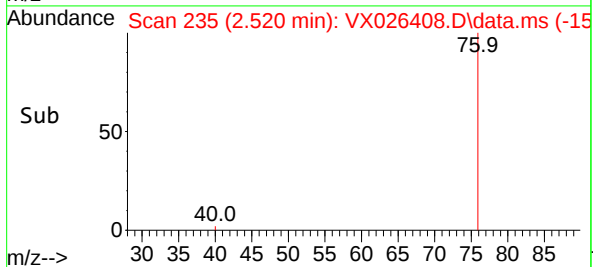
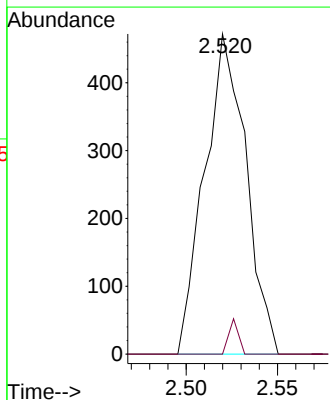
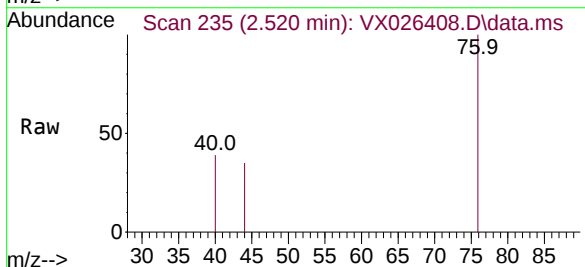
Acq: 10 Jan 2022 17:26

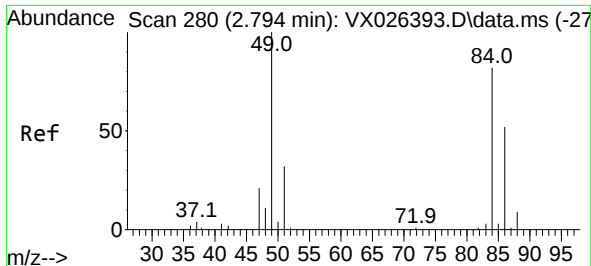
Tgt Ion: 76 Resp: 742

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

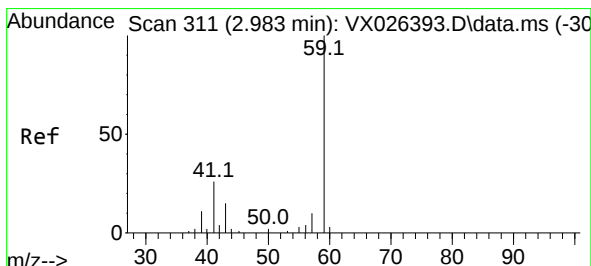
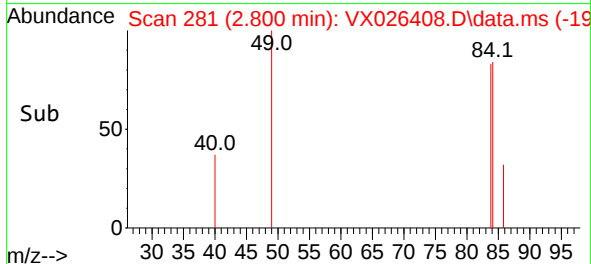
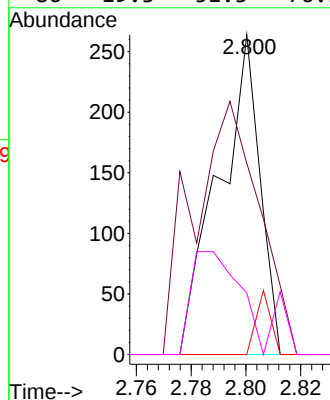
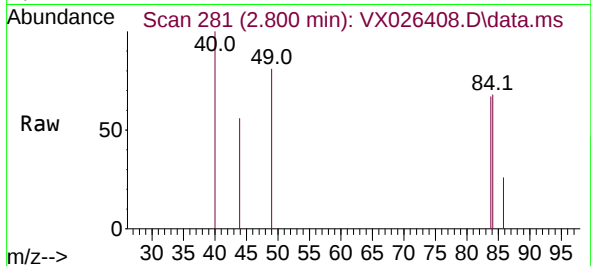




#18
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

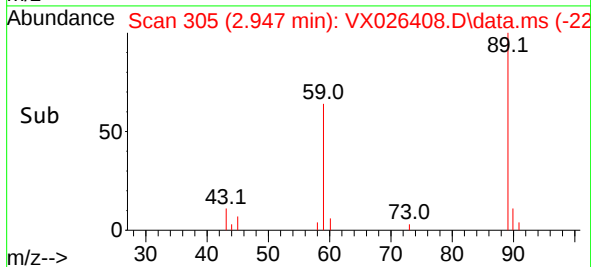
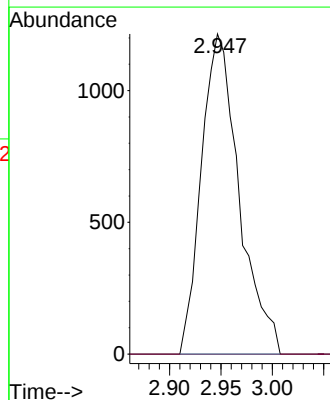
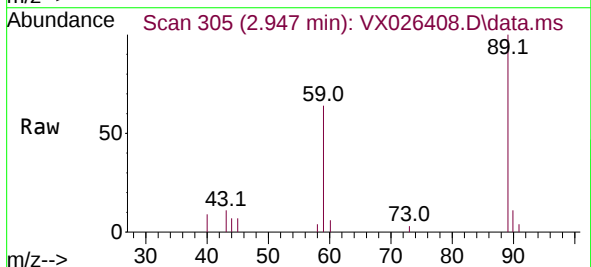
Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

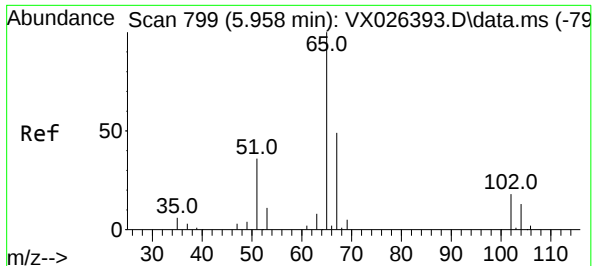
Tgt Ion: 84 Resp: 276
Ion Ratio Lower Upper
84 100
49 38.3 97.8 146.8#
51 0.0 31.1 46.7#
86 19.3 51.3 76.9#



#23
tert-Butyl Alcohol
Concen: 14.121 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 59 Resp: 3105
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#27

1,2-Dichloroethane-d4

Concen: 31.305 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026408.D

Acq: 10 Jan 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

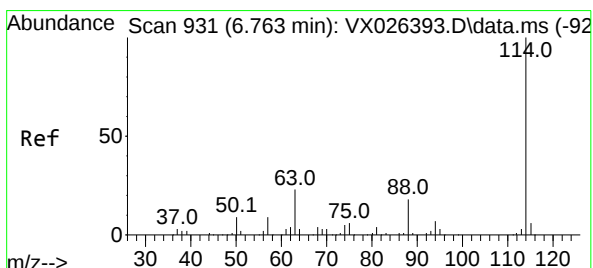
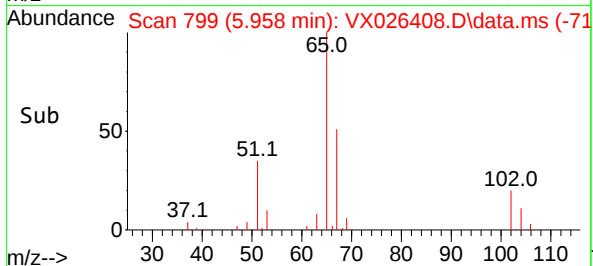
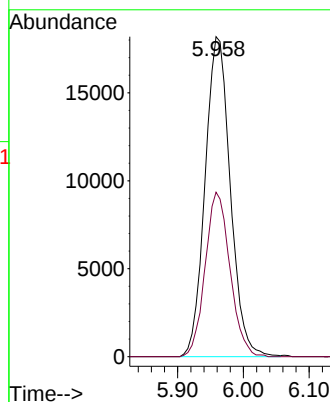
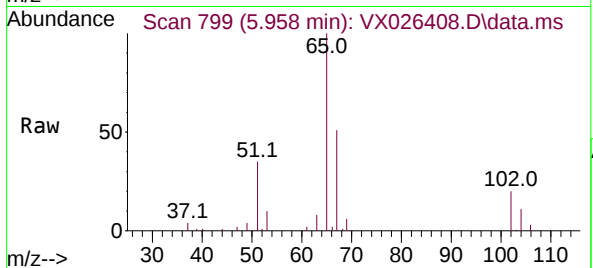
QUARTERLY-INFLUENT

Tgt Ion: 65 Resp: 48581

Ion Ratio Lower Upper

65 100

67 50.4 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026408.D

Acq: 10 Jan 2022 17:26

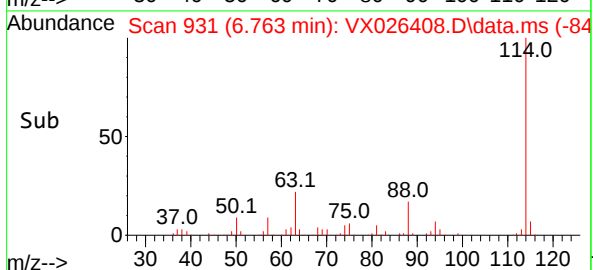
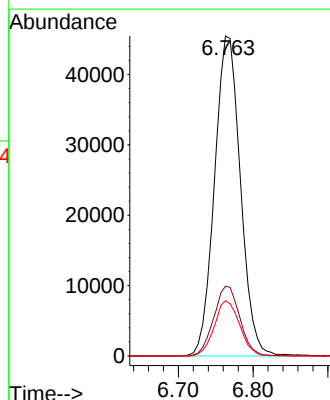
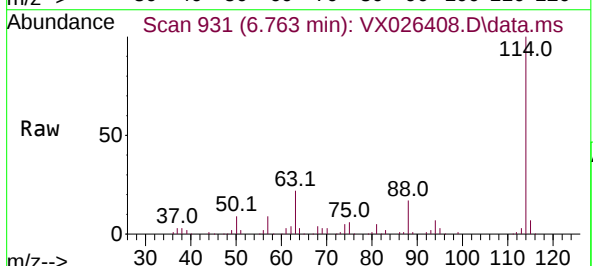
Tgt Ion: 114 Resp: 109413

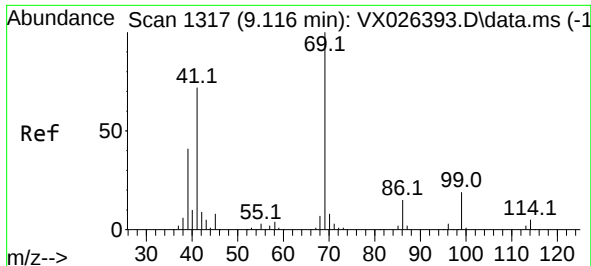
Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.2

88 16.9 13.5 20.3

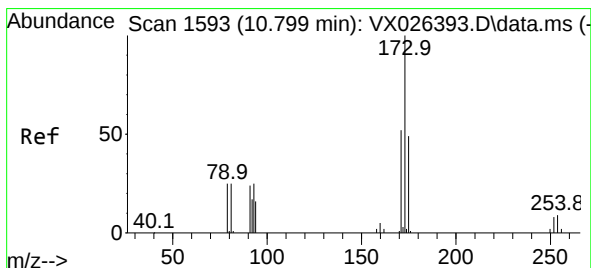
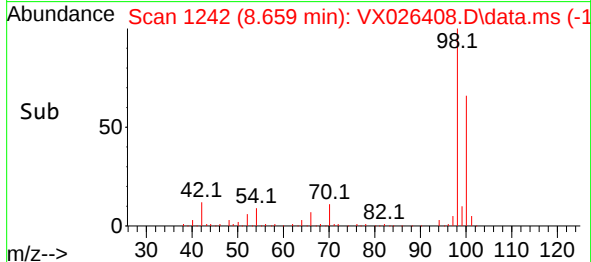
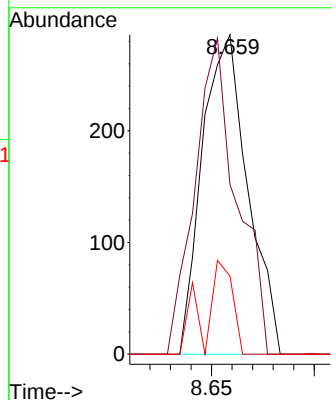
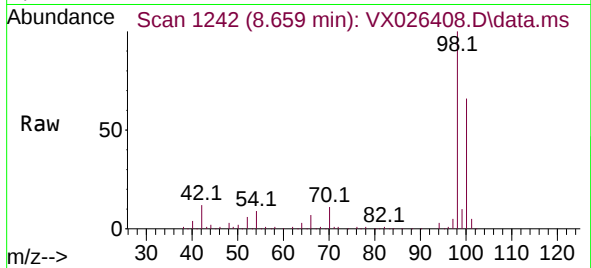




#51
Ethyl methacrylate
Concen: 0.239 ug/l
RT: 8.659 min Scan# 11
Delta R.T. -0.457 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

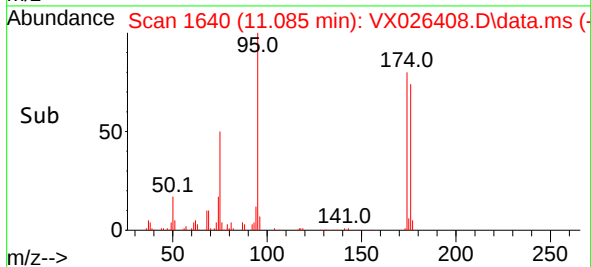
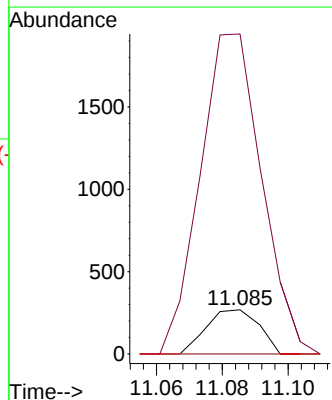
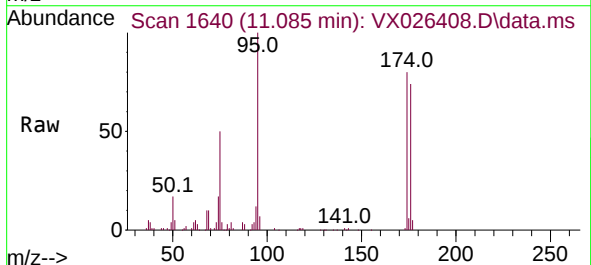
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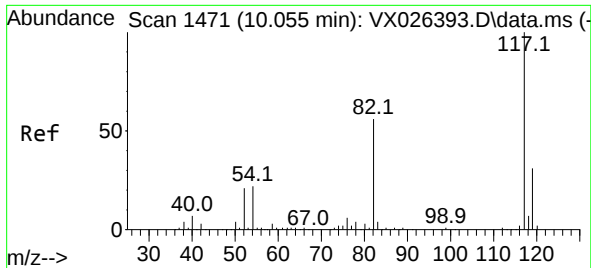
Tgt Ion: 69 Resp: 441
Ion Ratio Lower Upper
69 100
41 53.1 35.9 107.7
39 24.5 20.3 61.0



#56
Bromoform
Concen: 0.359 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion:173 Resp: 300
Ion Ratio Lower Upper
173 100
175 843.3 38.0 57.0#
254 0.0 6.6 10.0#

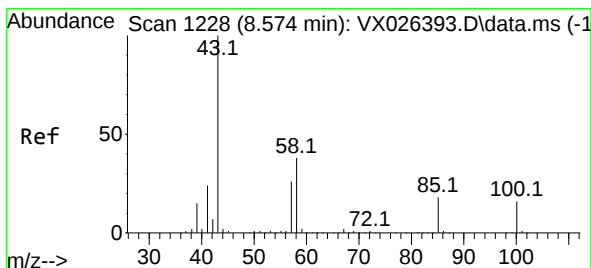
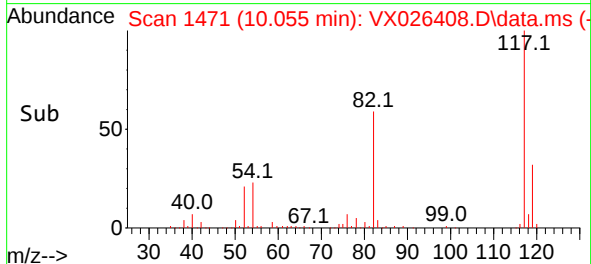
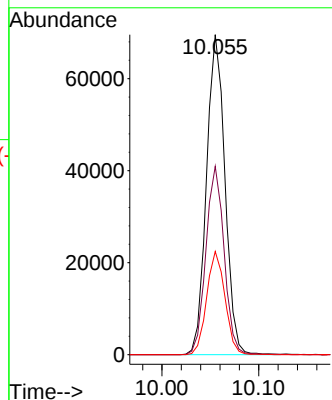
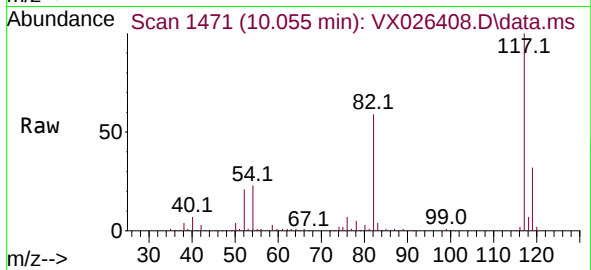




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

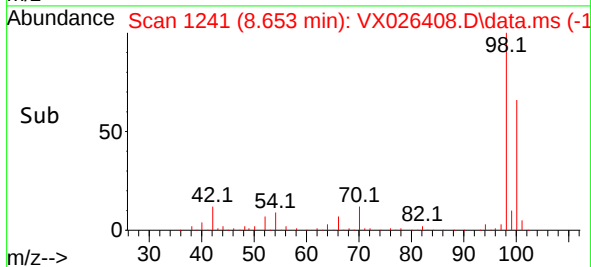
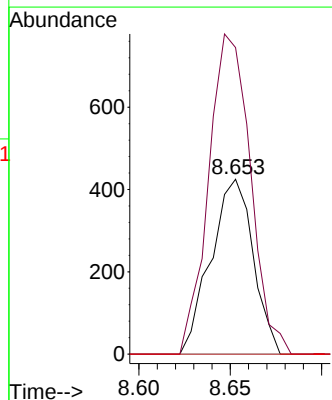
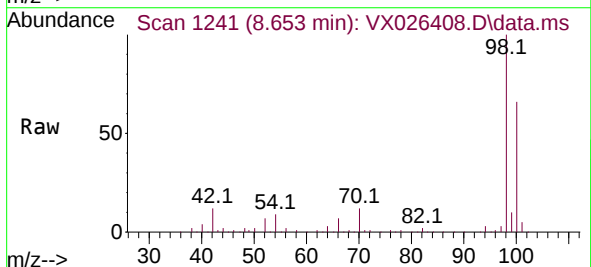
Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

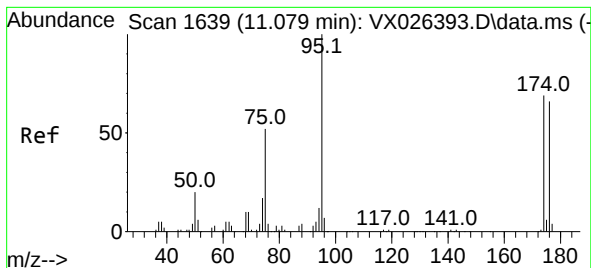
Tgt Ion:117 Resp: 92623
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 0.397 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 180.6 30.2 45.4#
85 0.0 14.1 21.1#

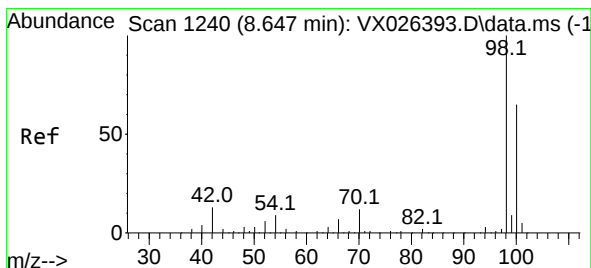
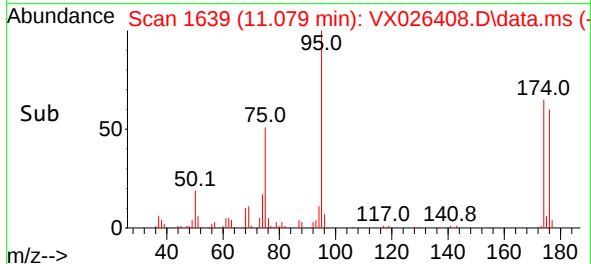
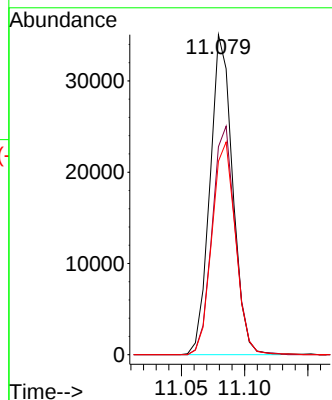
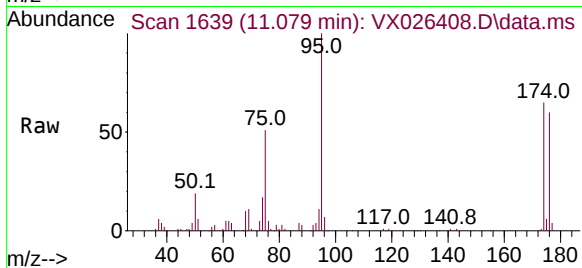




#60
4-Bromofluorobenzene
Concen: 28.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

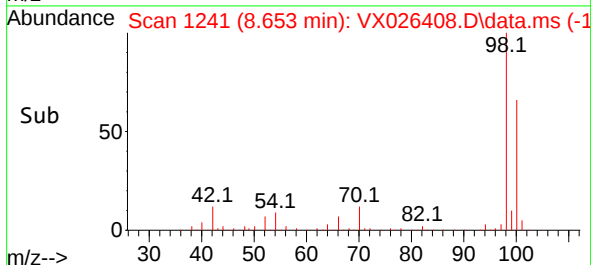
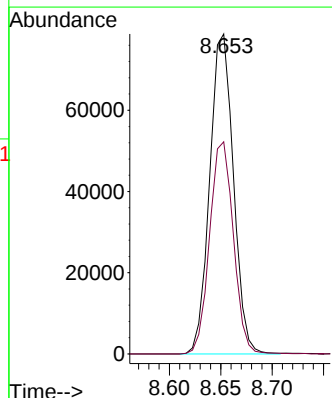
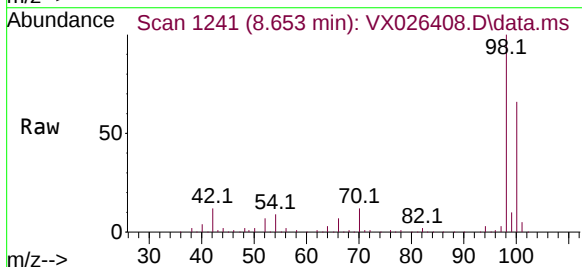
Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

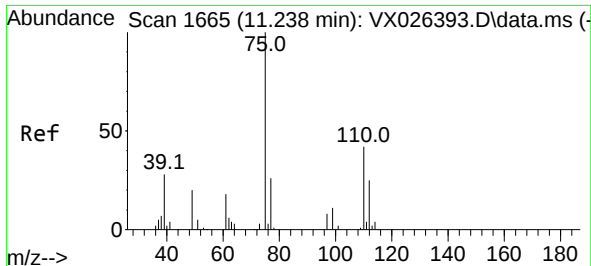
Tgt Ion: 95 Resp: 43712
Ion Ratio Lower Upper
95 100
174 72.5 58.0 87.0
176 69.1 56.5 84.7



#63
Toluene-d8
Concen: 29.704 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 98 Resp: 126392
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

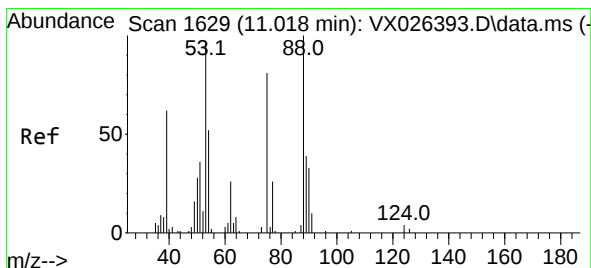
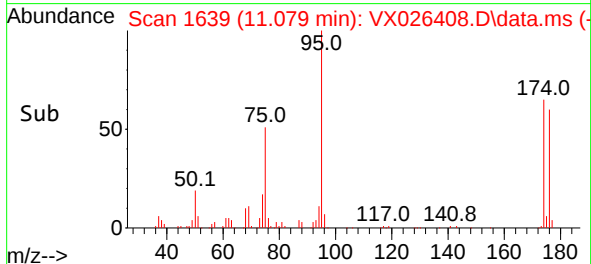
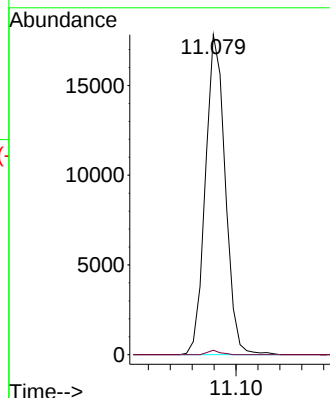
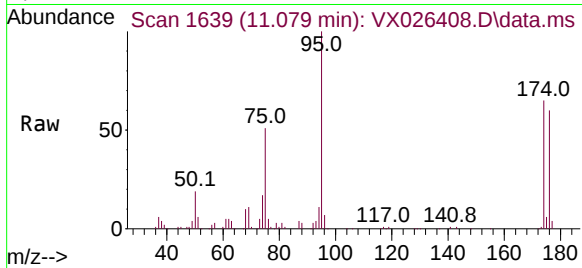




#72
1,2,3-Trichloropropane
Concen: 15.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :
QUARTERLY-INFLUENT

Tgt Ion: 75 Resp: 22391
Ion Ratio Lower Upper
75 100
77 0.9 0.0 76.2



#77
t-1,4-Dichloro-2-butene
Concen: 50.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026408.D
Acq: 10 Jan 2022 17:26

Tgt Ion: 75 Resp: 22391
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 24.0 72.0#

