

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034675.D
 Acq On : 22 Mar 2023 16:23
 Operator : JC/MD
 Sample : 02034-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-CB05-20-25-032123

Quant Time: Mar 23 07:55:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

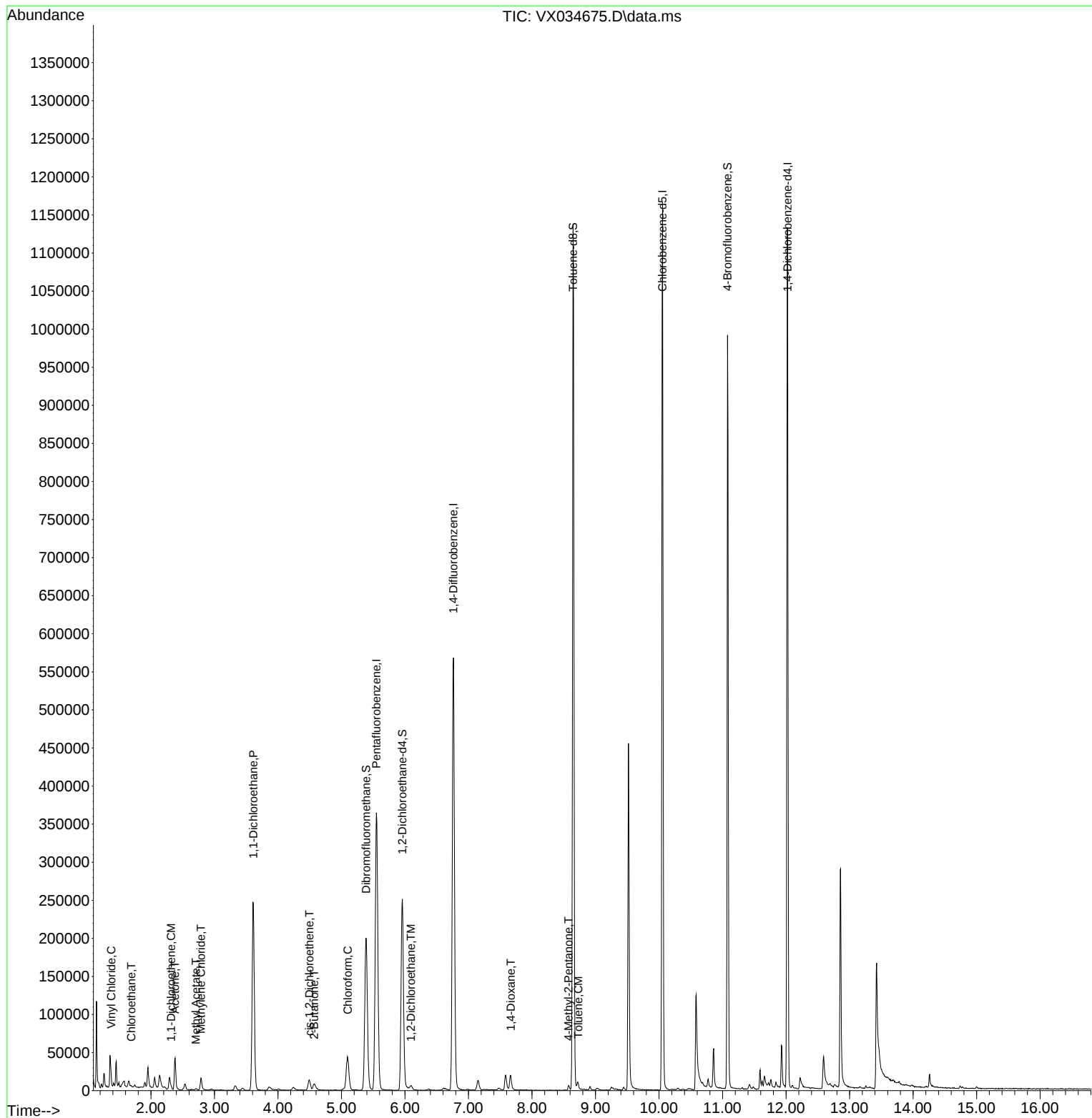
Internal Standards						
1) Pentafluorobenzene	5.550	168	331017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	565620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	251812	52.291	ug/l	0.01
Spiked Amount 50.000	Range	78 - 117	Recovery	=	104.580%	
35) Dibromofluoromethane	5.385	113	175519	46.999	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	94.000%	
50) Toluene-d8	8.647	98	658528	47.236	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	94.480%	
62) 4-Bromofluorobenzene	11.079	95	262115	46.547	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	93.100%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	2311	0.550	ug/l	# 85
6) Chloroethane	1.691	64	801	0.331	ug/l	91
12) 1,1-Dichloroethene	2.319	96	956	0.264	ug/l	92
16) Acetone	2.380	43	44573	19.650	ug/l	100
18) Methyl Acetate	2.709	43	2114	0.285	ug/l	92
20) Methylene Chloride	2.788	84	6993	1.588	ug/l	97
24) 1,1-Dichloroethane	3.611	63	280242	37.219	ug/l	99
25) 2-Butanone	4.568	43	16334	5.032	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	8282	1.788	ug/l	93
30) Chloroform	5.099	83	50391	6.827	ug/l	99
42) 1,2-Dichloroethane	6.092	62	7343	1.191	ug/l	90
49) 1,4-Dioxane	7.665	88	13678	127.551	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	4438	0.721	ug/l	96
52) Toluene	8.726	92	3101	0.299	ug/l	99

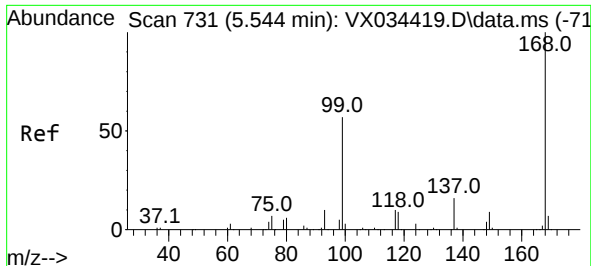
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
Data File : VX034675.D
Acq On : 22 Mar 2023 16:23
Operator : JC/MD
Sample : 02034-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

Quant Time: Mar 23 07:55:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

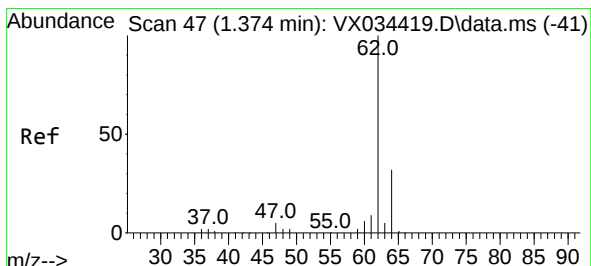
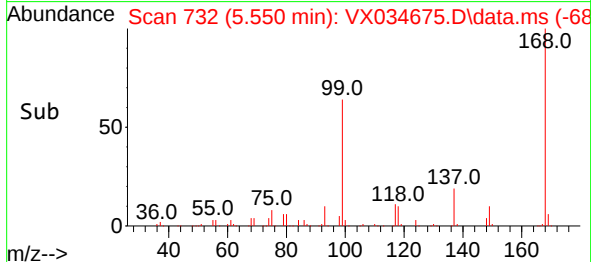
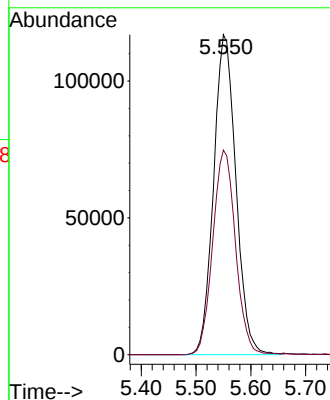
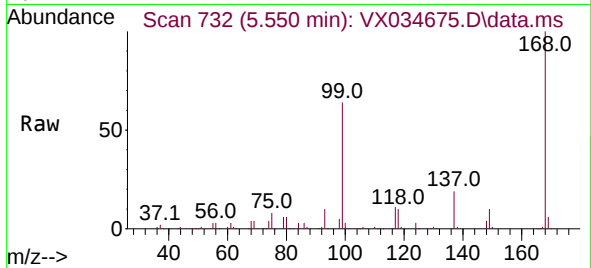




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

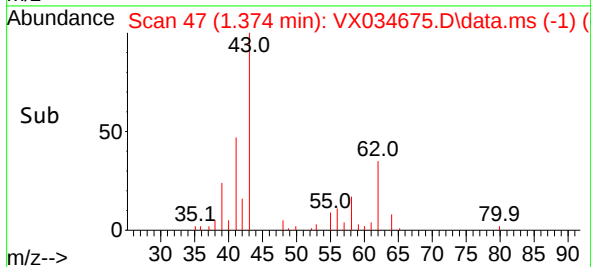
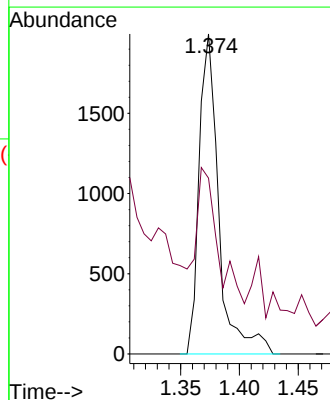
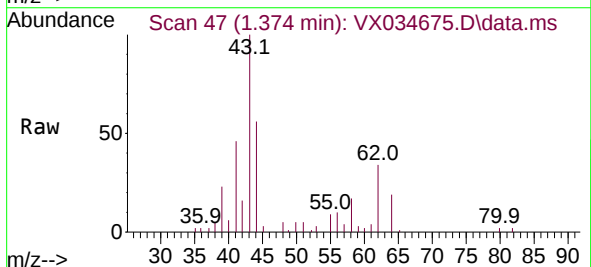
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

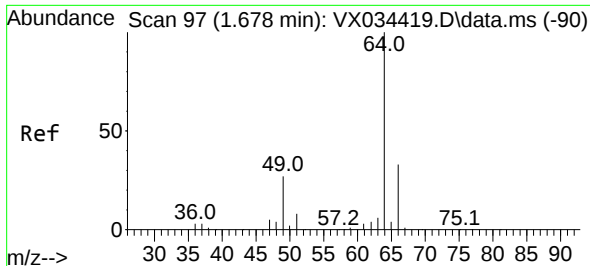
Tgt Ion:168 Resp: 331017
Ion Ratio Lower Upper
168 100
99 64.0 45.7 68.5



#4
Vinyl Chloride
Concen: 0.550 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 62 Resp: 2311
Ion Ratio Lower Upper
62 100
64 41.3 26.4 39.6

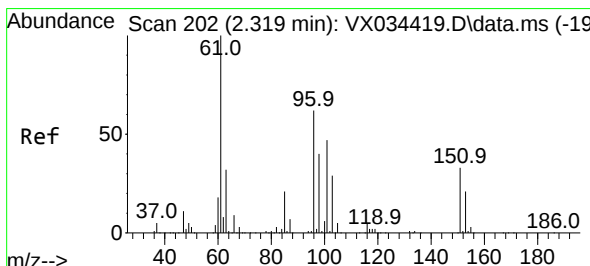
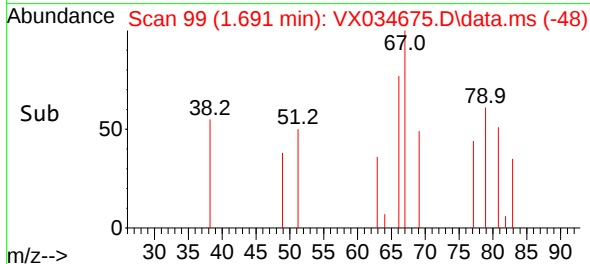
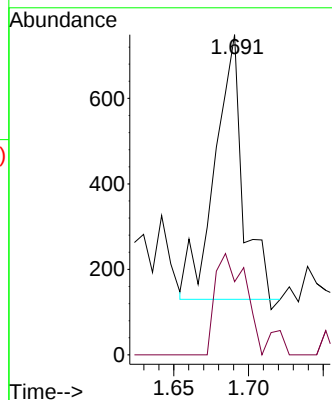
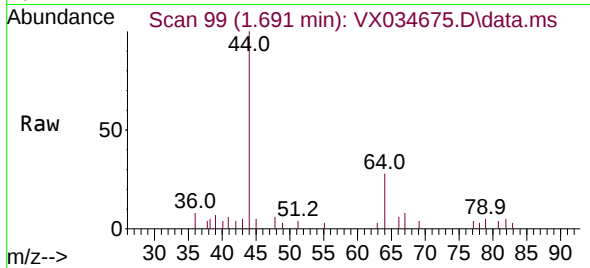




#6
Chloroethane
Concen: 0.331 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

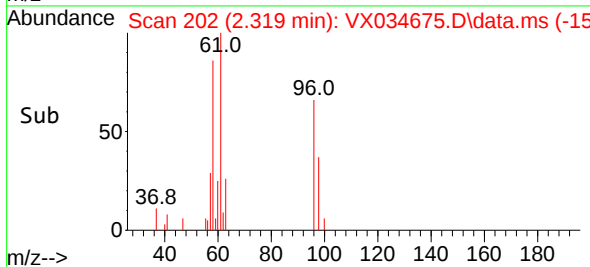
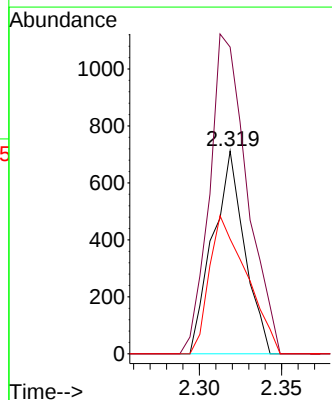
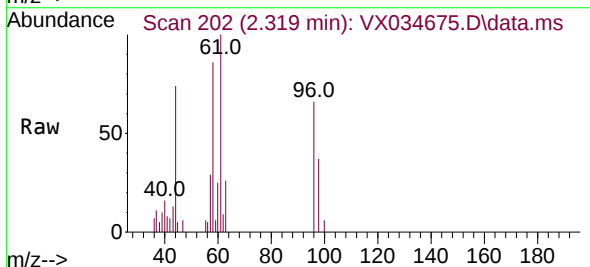
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

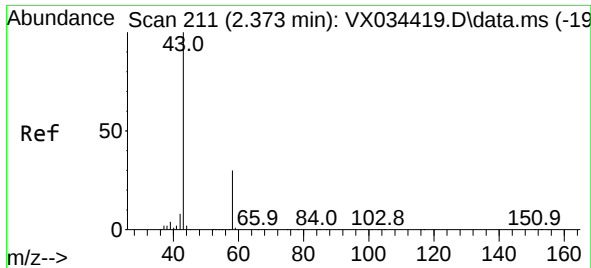
Tgt Ion: 64 Resp: 801
Ion Ratio Lower Upper
64 100
66 27.6 26.2 39.4



#12
1,1-Dichloroethene
Concen: 0.264 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 96 Resp: 956
Ion Ratio Lower Upper
96 100
61 151.3 128.8 193.2
98 56.6 51.4 77.0

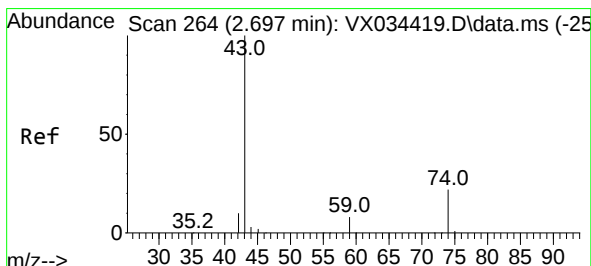
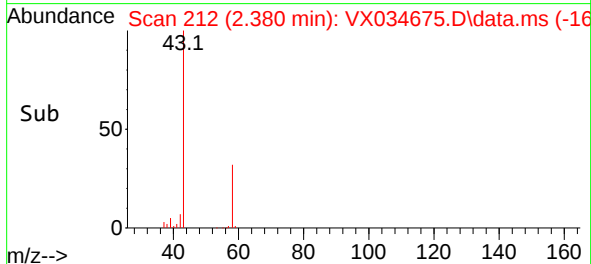
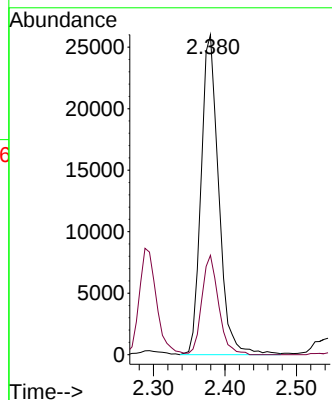
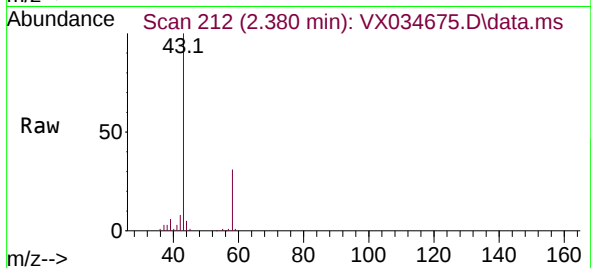




#16
Acetone
Concen: 19.650 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

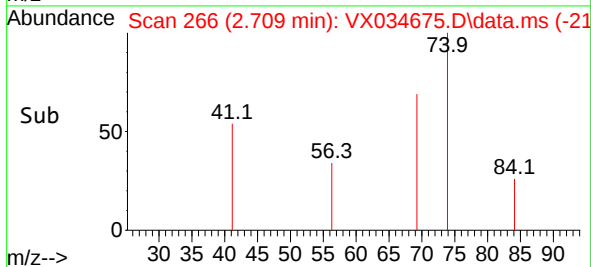
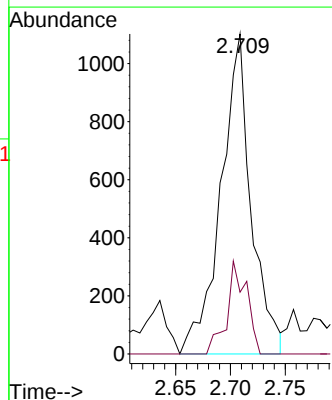
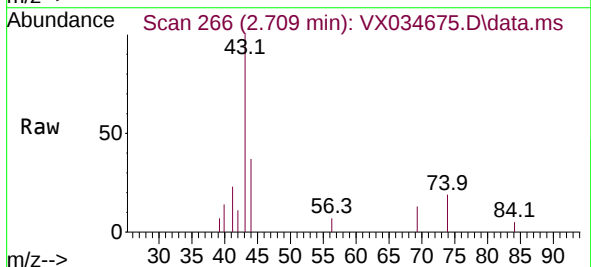
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

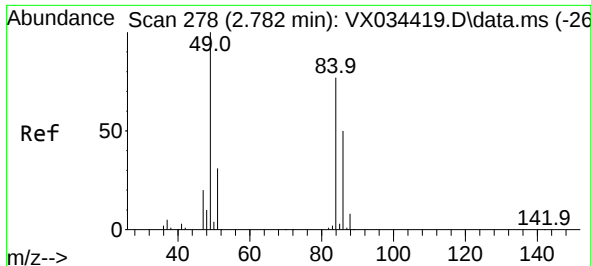
Tgt Ion: 43 Resp: 44573
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1



#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
74 18.9 18.3 27.5

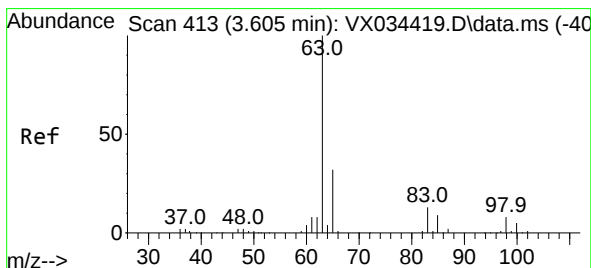
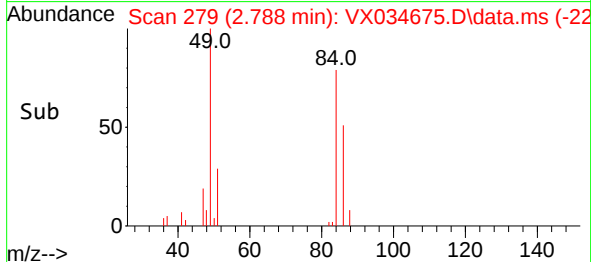
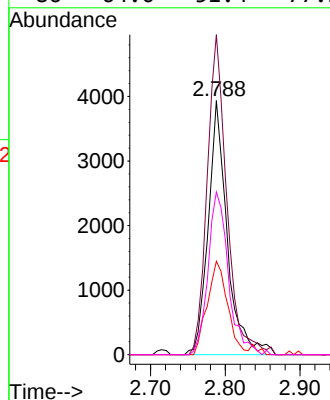
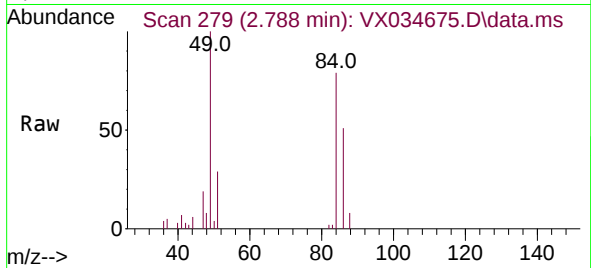




#20
Methylene Chloride
Concen: 1.588 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

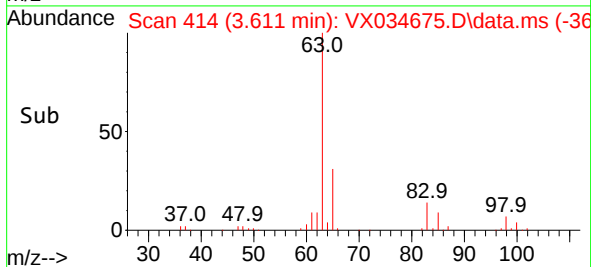
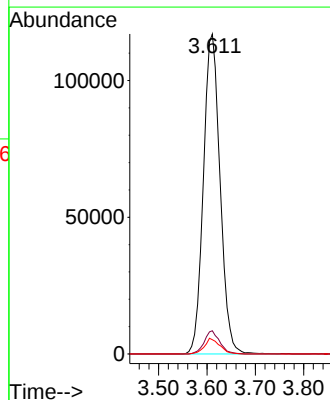
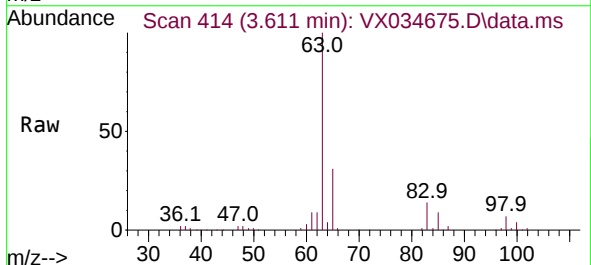
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

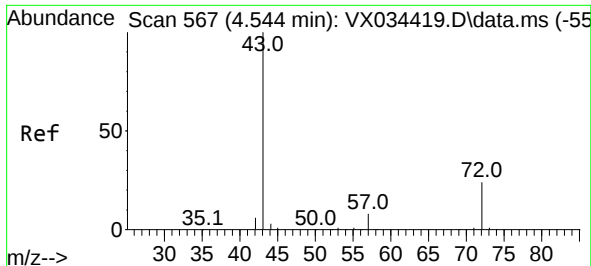
Tgt Ion:	84	Resp:	6993
Ion	Ratio	Lower	Upper
84	100		
49	125.9	103.8	155.8
51	36.8	31.8	47.8
86	64.0	51.4	77.2



#24
1,1-Dichloroethane
Concen: 37.219 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion:	63	Resp:	280242
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.2
100	4.4	2.4	7.1

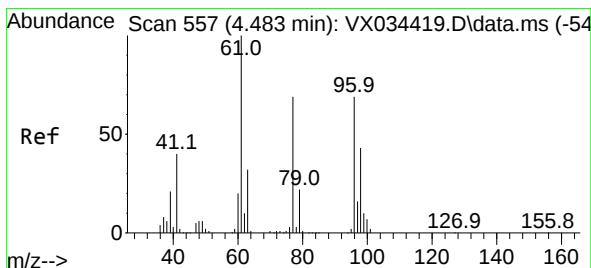
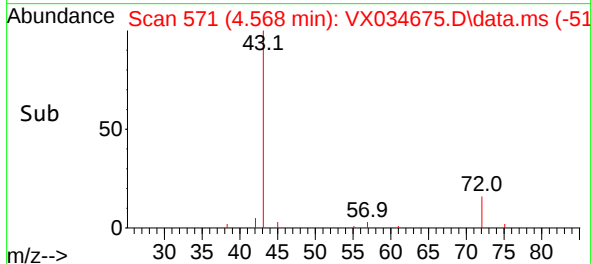
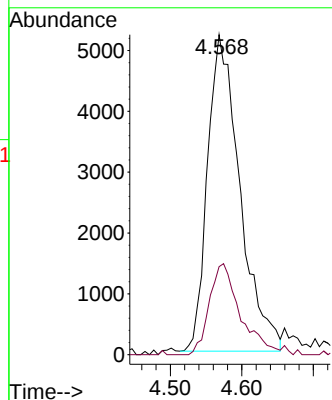
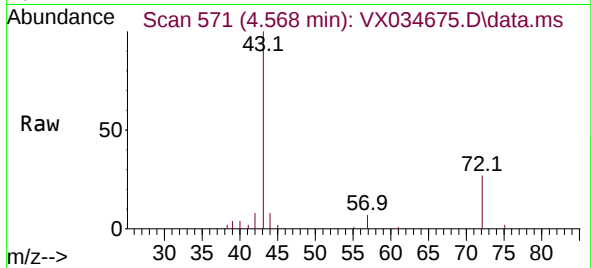




#25
2-Butanone
Concen: 5.032 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

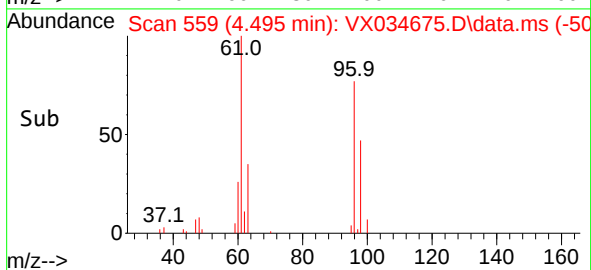
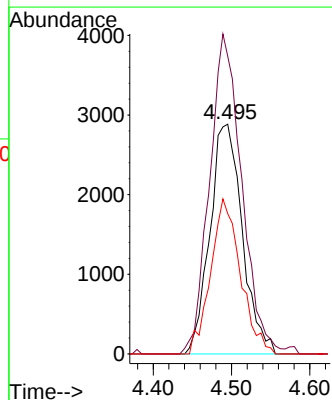
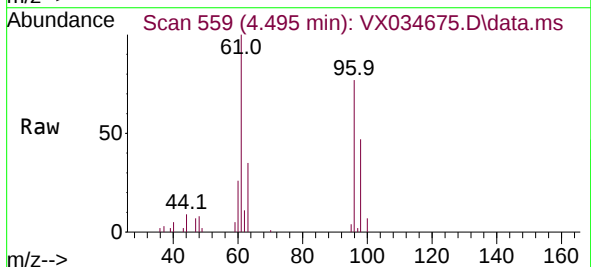
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

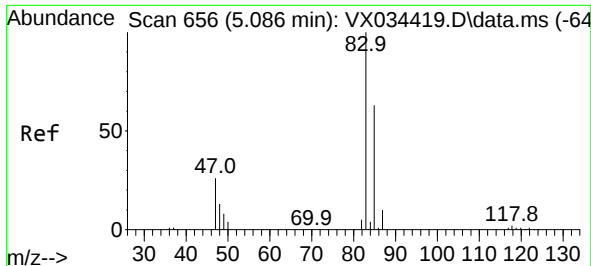
Tgt Ion: 43 Resp: 16334
Ion Ratio Lower Upper
43 100
72 27.8 19.3 28.9



#27
cis-1,2-Dichloroethene
Concen: 1.788 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 96 Resp: 8282
Ion Ratio Lower Upper
96 100
61 138.4 0.0 300.4
98 62.1 0.0 129.0





#30

Chloroform

Concen: 6.827 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX034675.D

Acq: 22 Mar 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

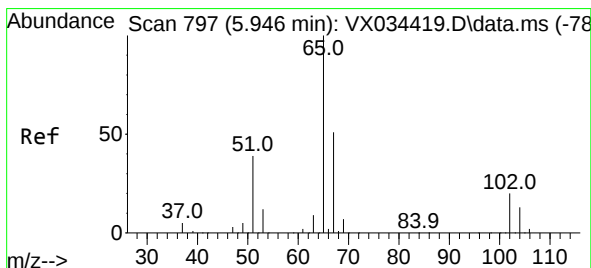
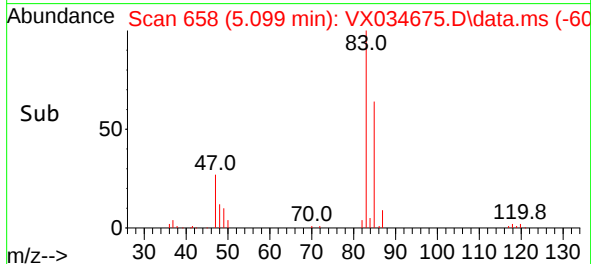
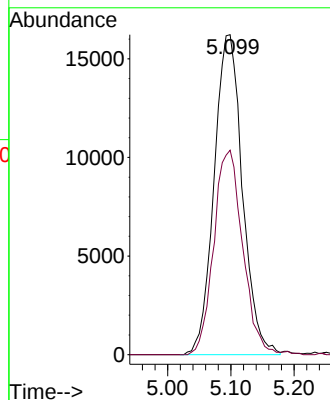
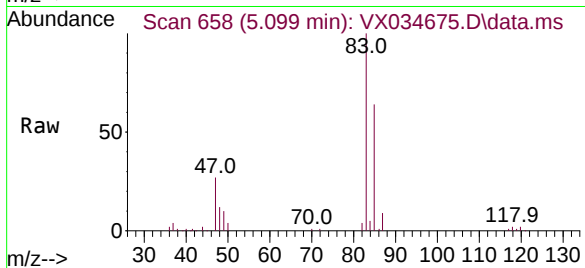
GW-CB05-20-25-032123

Tgt Ion: 83 Resp: 50391

Ion Ratio Lower Upper

83 100

85 63.9 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 52.291 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034675.D

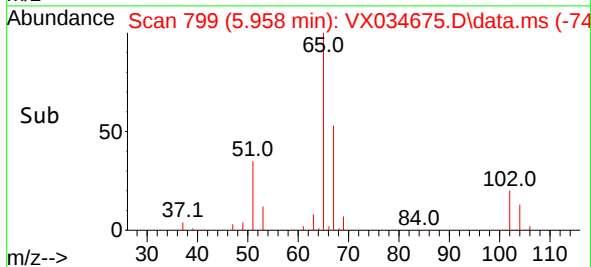
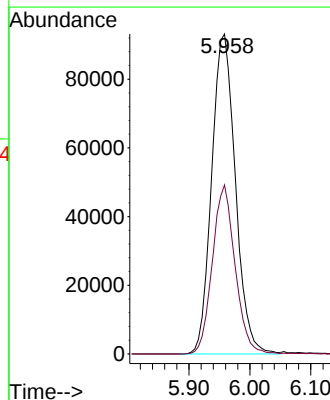
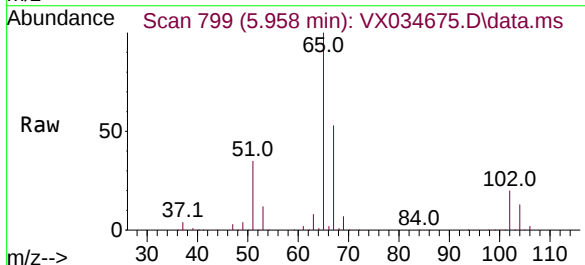
Acq: 22 Mar 2023 16:23

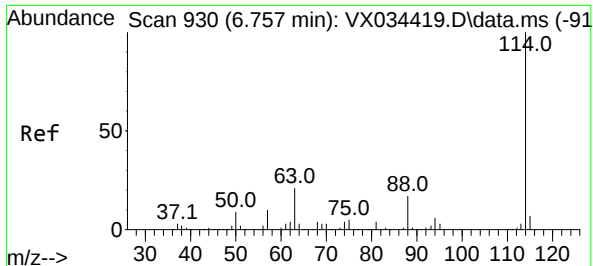
Tgt Ion: 65 Resp: 251812

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.0

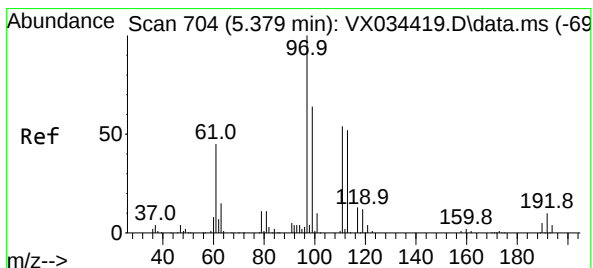
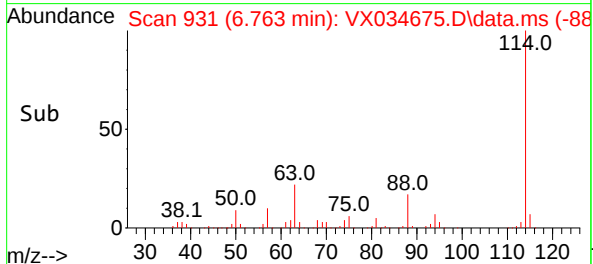
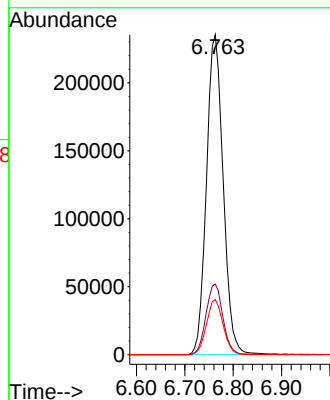
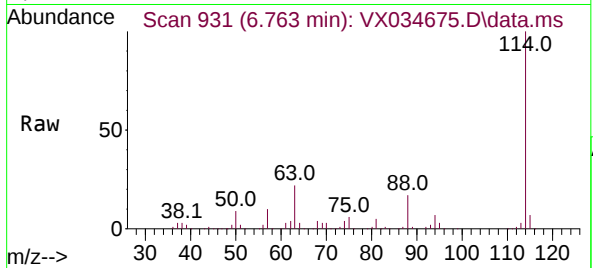




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

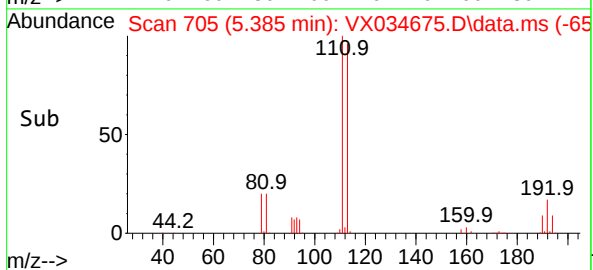
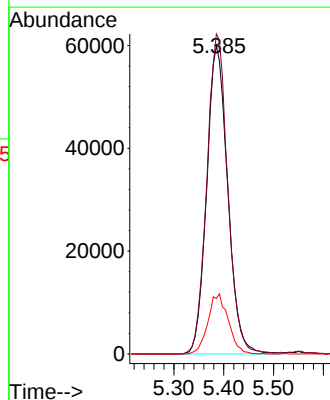
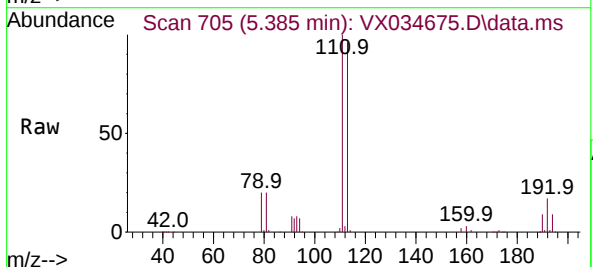
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

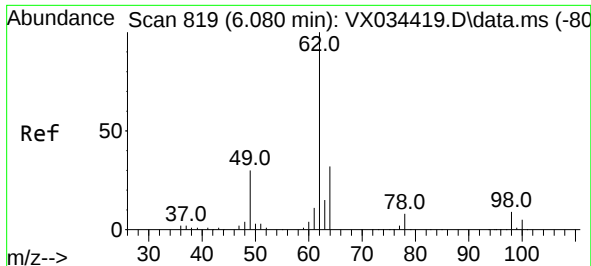
Tgt Ion:114 Resp: 565620
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion:113 Resp: 175519
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.8 15.4 23.2

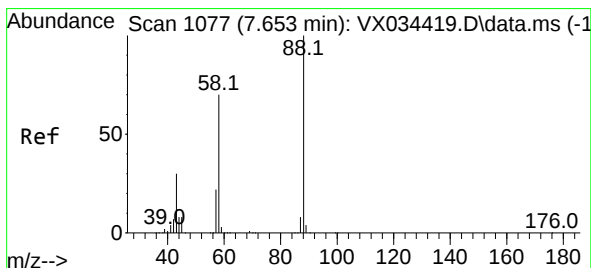
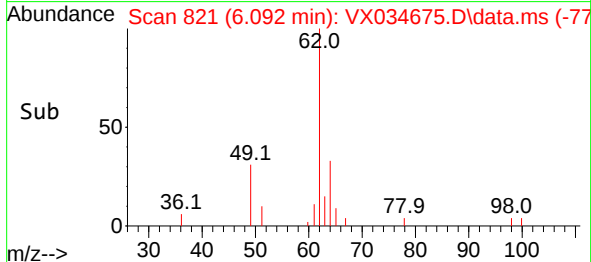
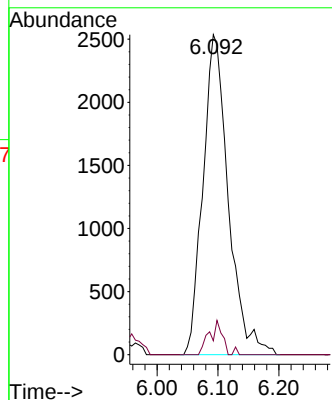
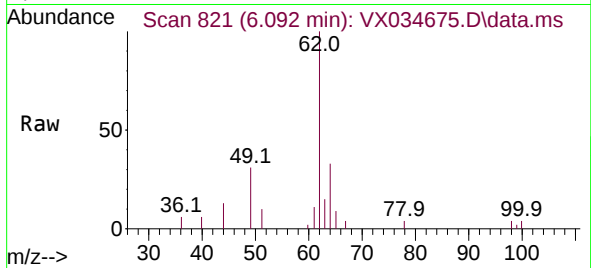




#42
1,2-Dichloroethane
Concen: 1.191 ug/l
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

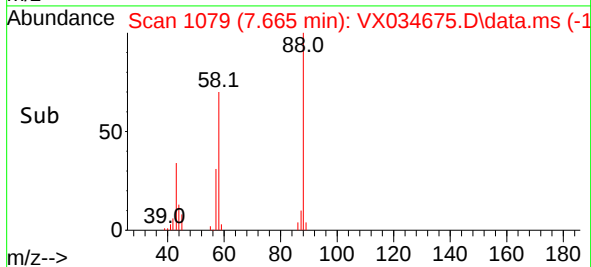
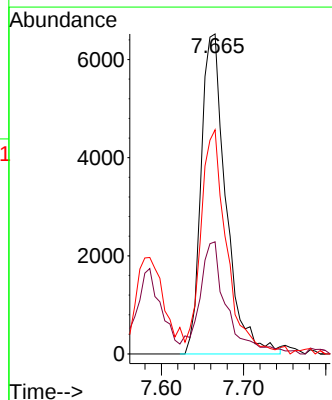
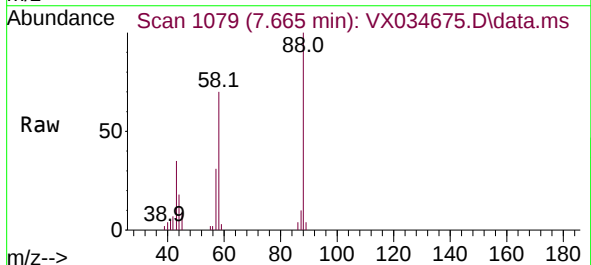
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

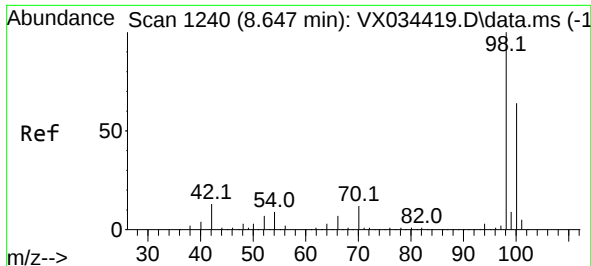
Tgt Ion: 62 Resp: 7343
Ion Ratio Lower Upper
62 100
98 5.4 0.0 18.0



#49
1,4-Dioxane
Concen: 127.551 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 88 Resp: 13678
Ion Ratio Lower Upper
88 100
43 38.6 27.7 41.5
58 69.3 56.8 85.2

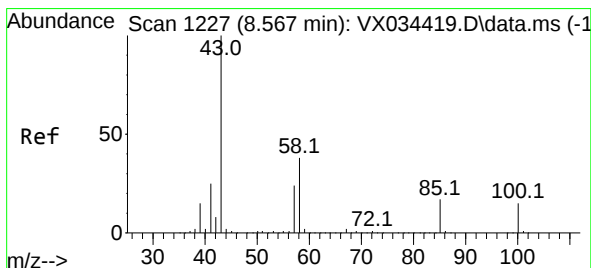
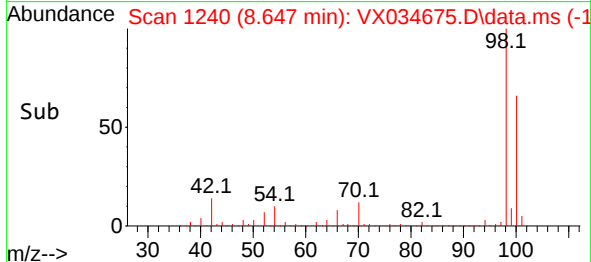
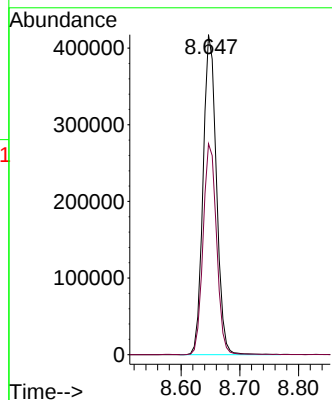
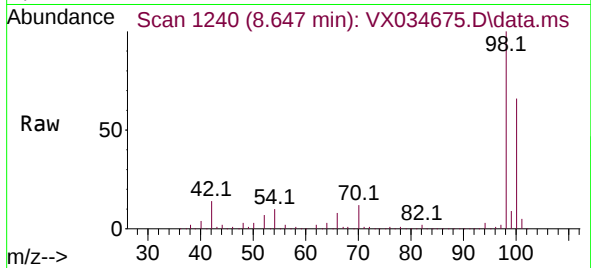




#50
Toluene-d8
Concen: 47.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

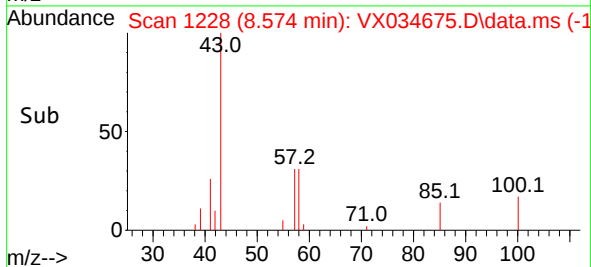
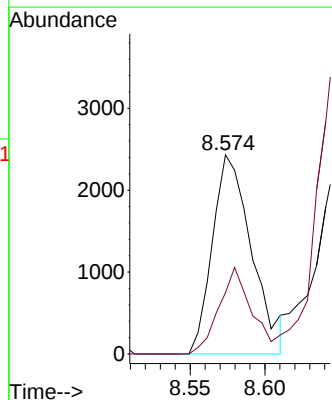
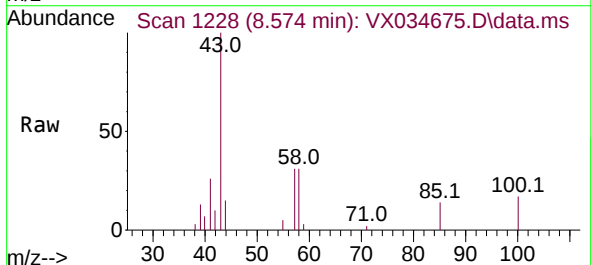
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

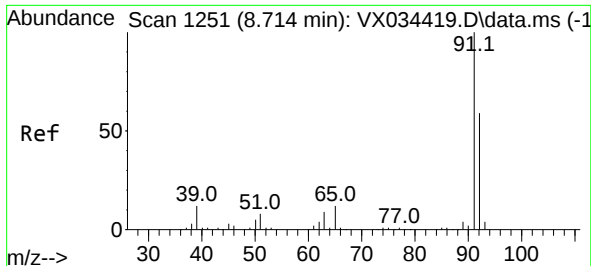
Tgt Ion: 98 Resp: 658528
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.721 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0

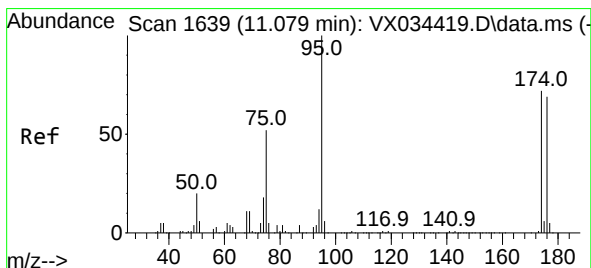
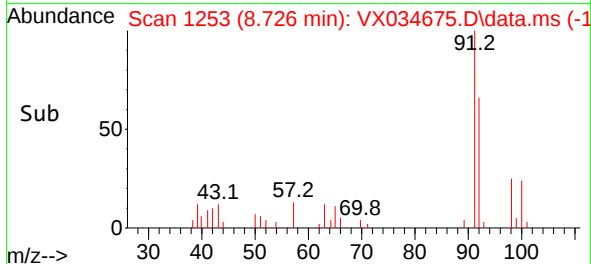
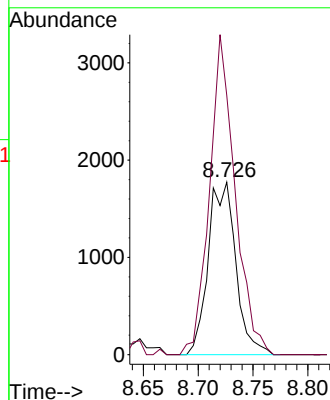
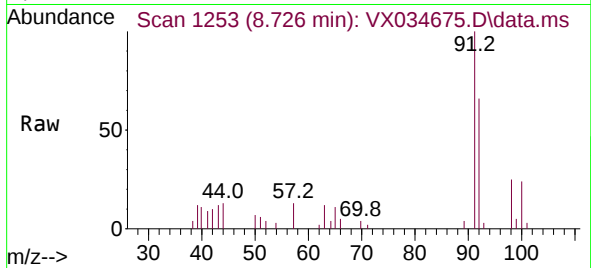




#52
Toluene
Concen: 0.299 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

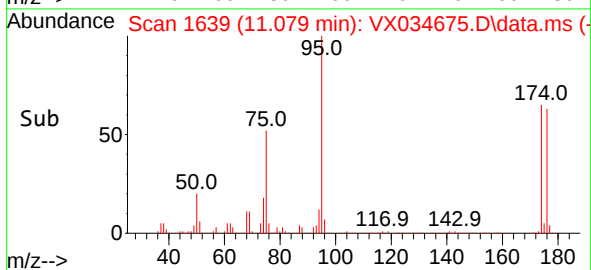
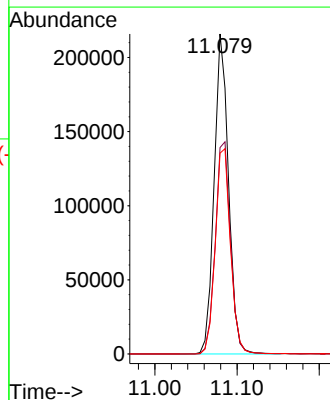
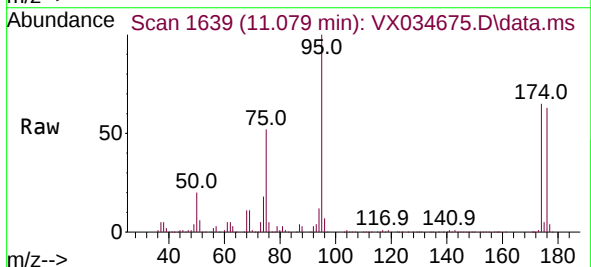
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

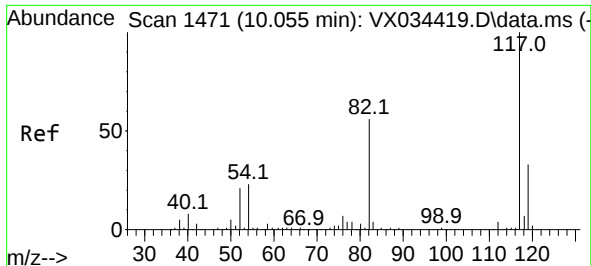
Tgt Ion: 92 Resp: 3101
Ion Ratio Lower Upper
92 100
91 172.1 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 95 Resp: 262115
Ion Ratio Lower Upper
95 100
174 70.3 0.0 147.4
176 68.1 0.0 140.6

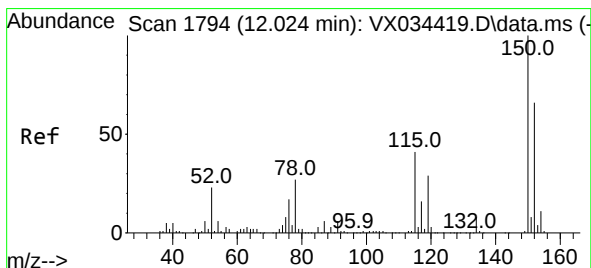
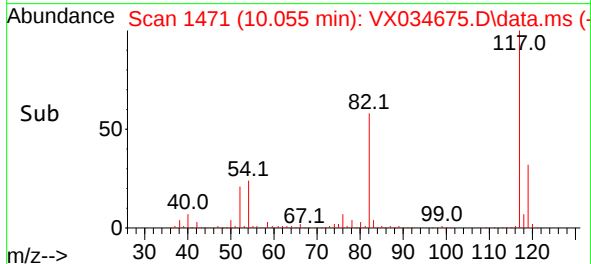
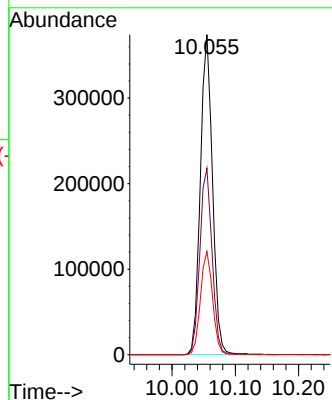
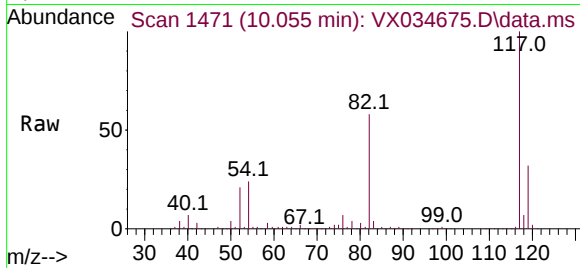




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-20-25-032123

Tgt Ion:117 Resp: 501011
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034675.D
Acq: 22 Mar 2023 16:23

Tgt Ion:152 Resp: 237526
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 154.4 0.0 352.4

