

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030448.D
 Acq On : 07 Apr 2023 17:20
 Operator : SY/MD
 Sample : 02225-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB2

Quant Time: Apr 10 03:58:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

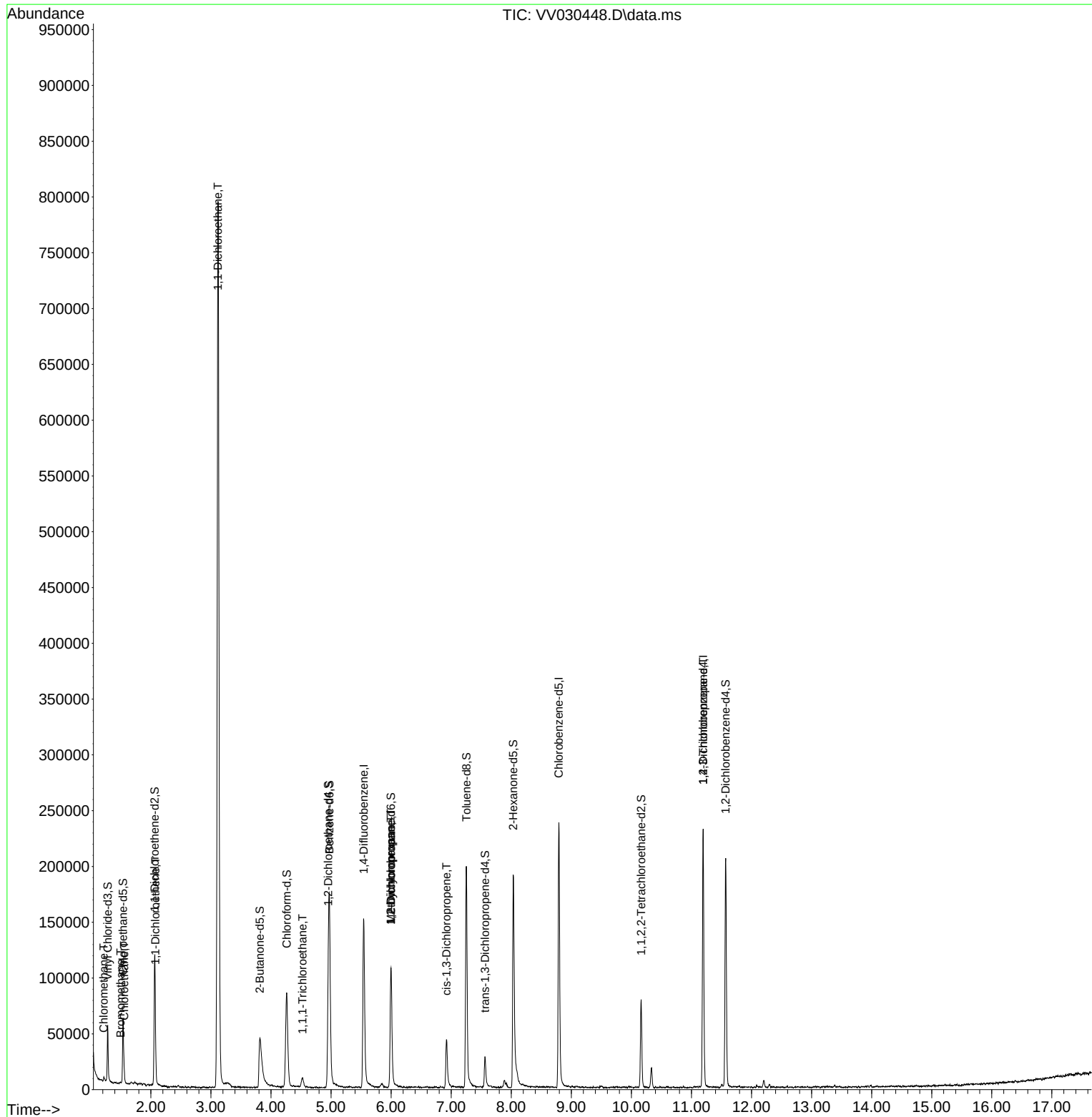
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32062	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.536	69	34755	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.063	63	61456	3.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.815	46	92968	41.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.920%
24) Chloroform-d	4.262	84	89146	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.953	65	44933	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.973	84	155405	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.995	67	49234	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.252	98	134615	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.564	79	15977	3.788	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.034	63	67682	39.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36064	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	53945	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2736	0.132	ug/L	95
6) Bromomethane	1.497	94	446	0.103	ug/L	99
8) Chloroethane	1.555	64	5786	0.667	ug/L	87
12) 1,1-Dichloroethene	2.076	96	4383	0.405	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	776040	35.139	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	6822	0.334	ug/L	98
35) Methylcyclohexane	5.998	83	12525	0.656	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	6714	0.580	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1320	0.081	ug/L #	41
61) 1,2,3-Trichloropropane	11.194	75	6939	1.246	ug/L #	59

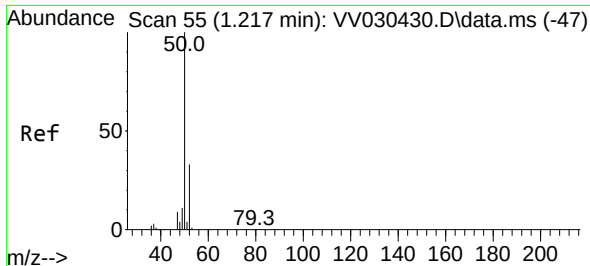
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
Data File : VV030448.D
Acq On : 07 Apr 2023 17:20
Operator : SY/MD
Sample : 02225-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Quant Time: Apr 10 03:58:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 10 03:52:52 2023
Response via : Initial Calibration

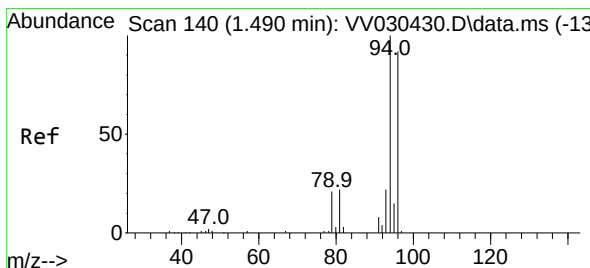
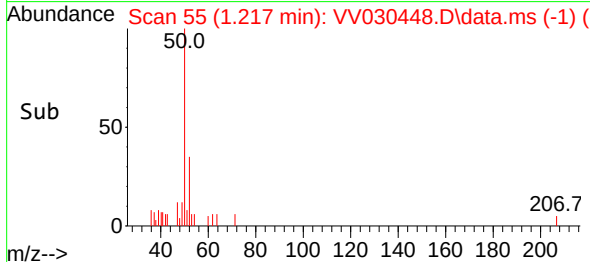
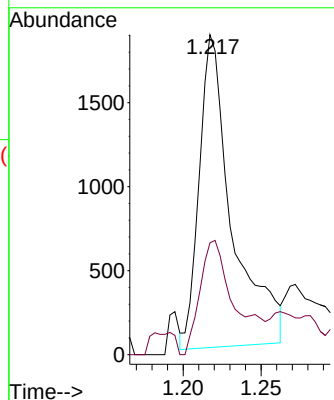
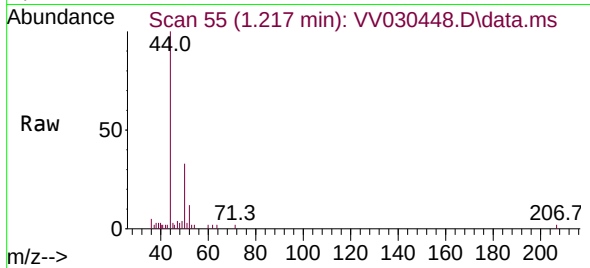




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

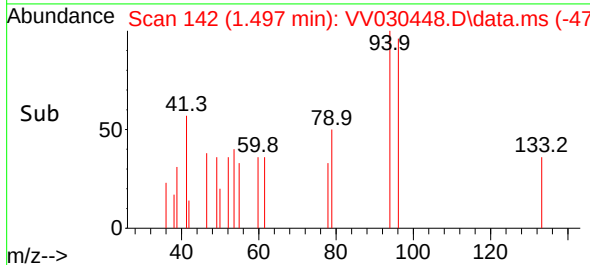
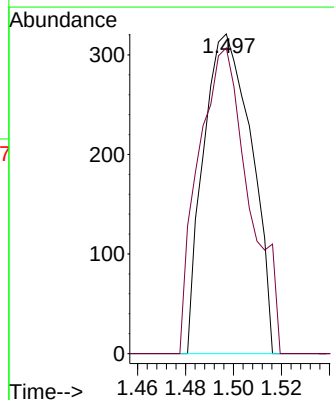
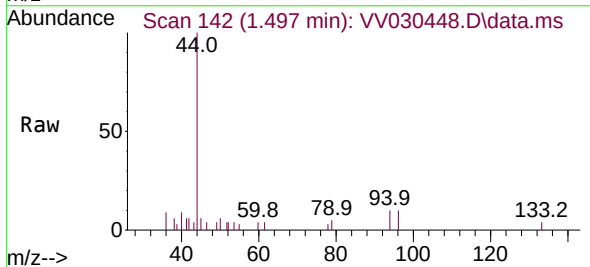
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

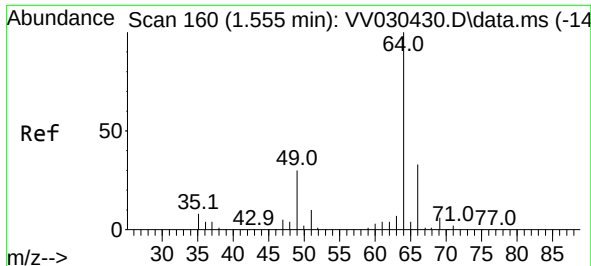
Tgt Ion: 50 Resp: 2736
Ion Ratio Lower Upper
50 100
52 35.0 22.3 41.5



#6
Bromomethane
Concen: 0.103 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 95.6 66.1 122.7





#8

Chloroethane

Concen: 0.667 ug/L

RT: 1.555 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030448.D

Acq: 07 Apr 2023 17:20

Instrument :

MSVOA_V

ClientSampleId :

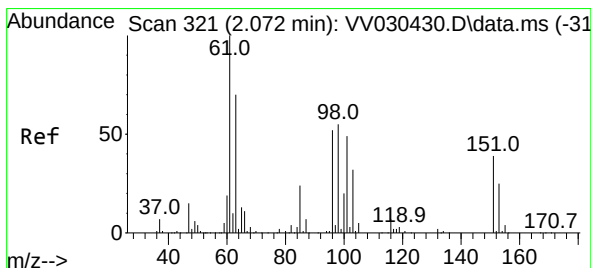
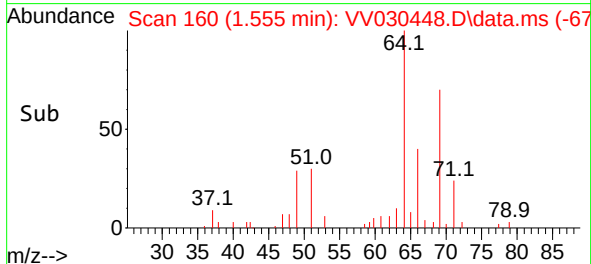
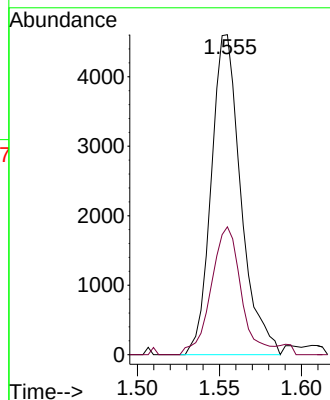
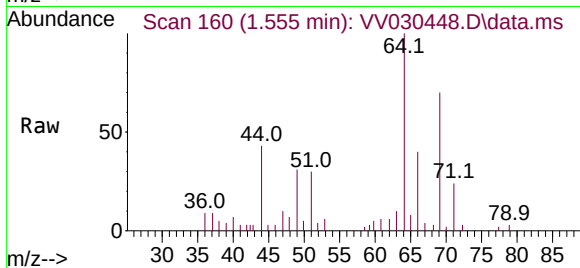
C0AB2

Tgt Ion: 64 Resp: 5786

Ion Ratio Lower Upper

64 100

66 40.0 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.405 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV030448.D

Acq: 07 Apr 2023 17:20

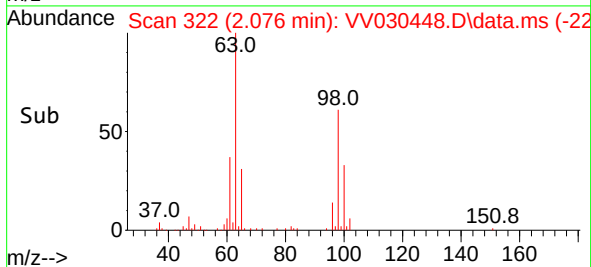
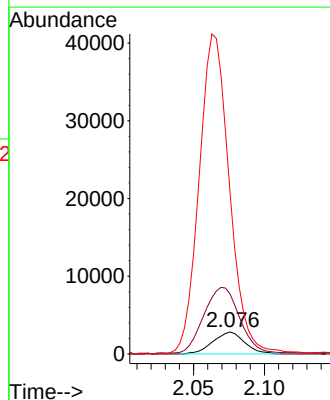
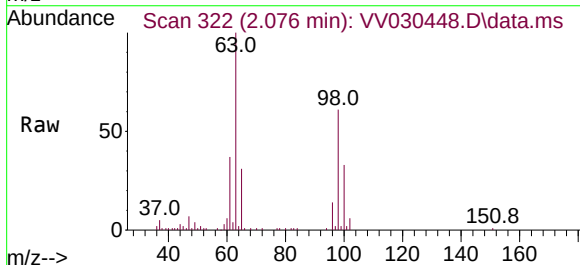
Tgt Ion: 96 Resp: 4383

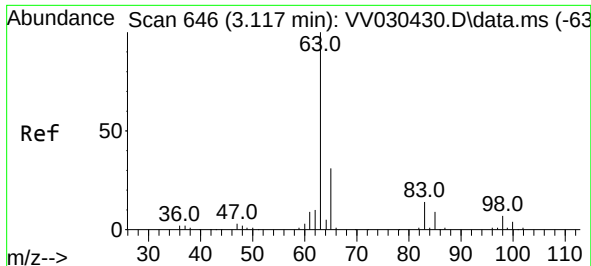
Ion Ratio Lower Upper

96 100

61 272.6 136.3 253.1#

63 732.3 92.1 171.1#



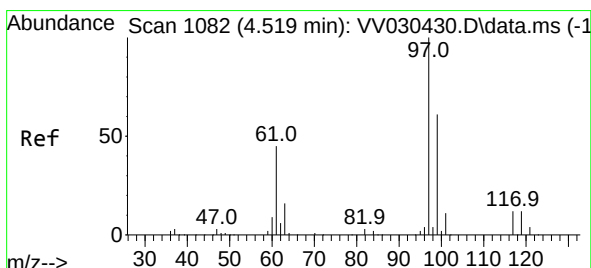
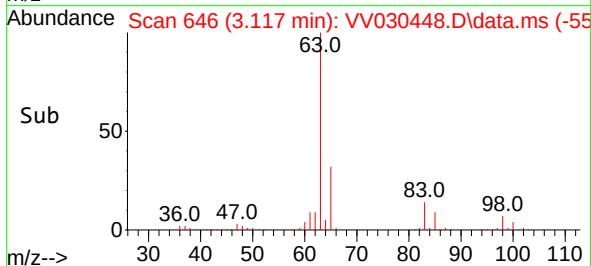
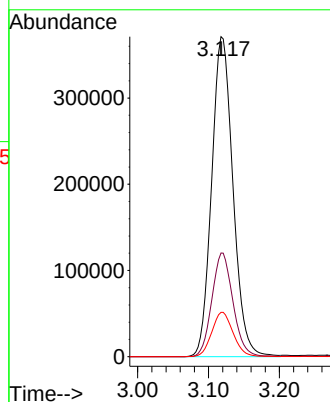
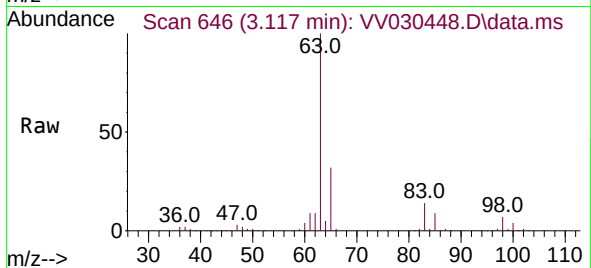


#19
1,1-Dichloroethane
Concen: 35.139 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Tgt Ion: 63 Resp: 776040

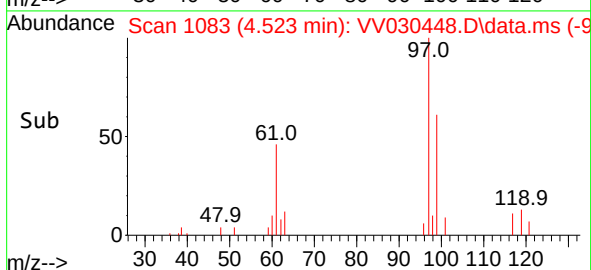
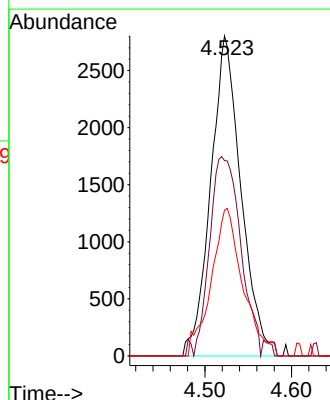
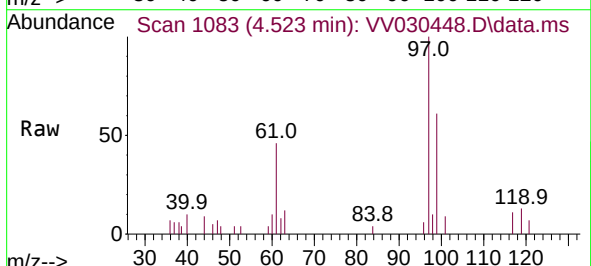
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.7	40.3
83	13.8	9.1	16.9

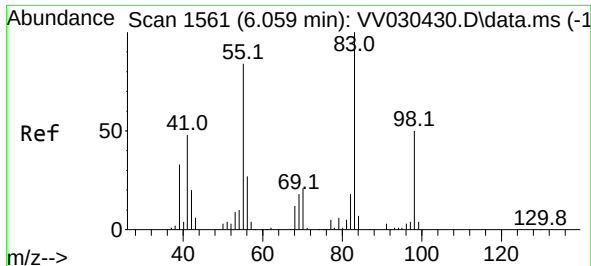


#29
1,1,1-Trichloroethane
Concen: 0.334 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Tgt Ion: 97 Resp: 6822

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.9	76.3
61	47.9	35.9	53.9

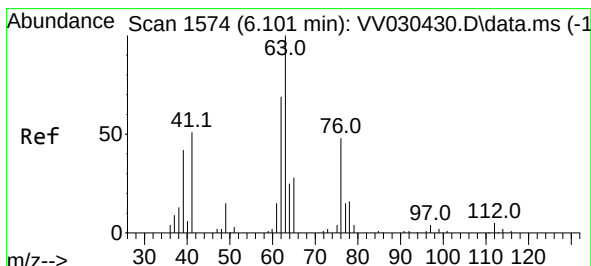
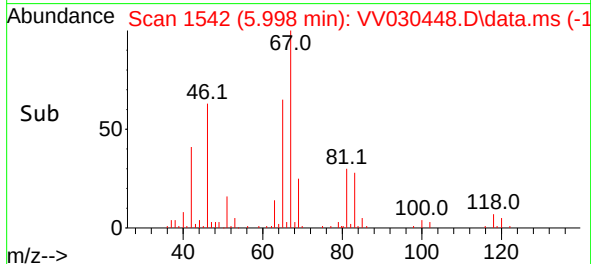
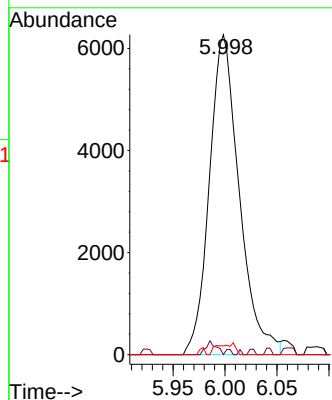
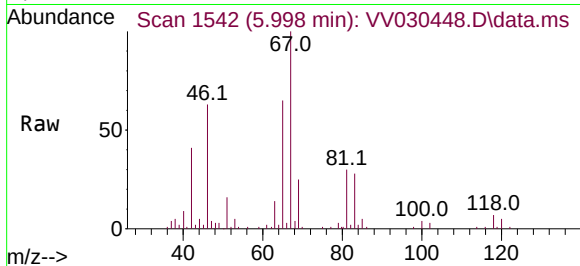




#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

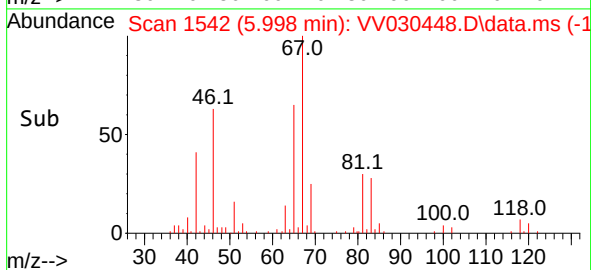
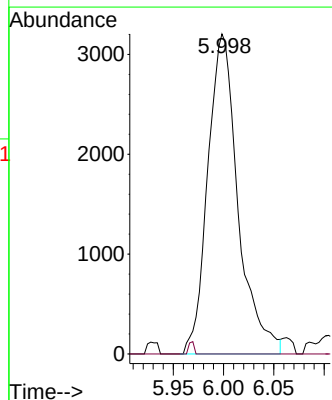
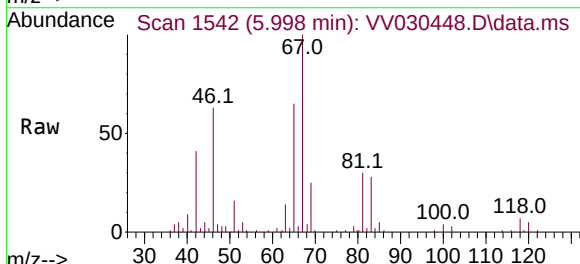
Instrument :
MSVOA_V
ClientSampleId :
C0AB2

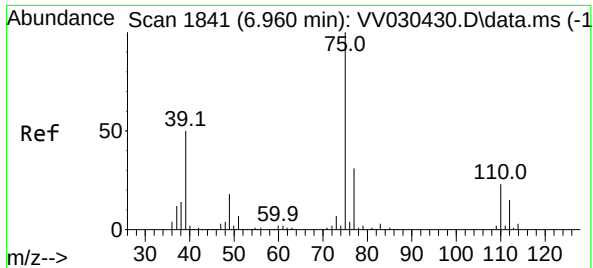
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.6	100.0#
98	2.1	38.6	58.0#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030448.D
Acq: 07 Apr 2023 17:20

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.9	5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV030448.D

Acq: 07 Apr 2023 17:20

Instrument :

MSVOA_V

ClientSampleId :

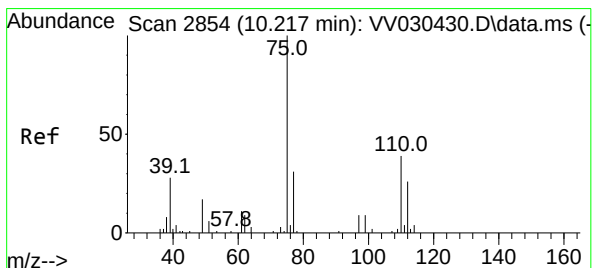
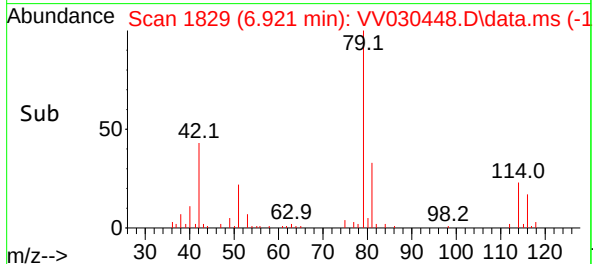
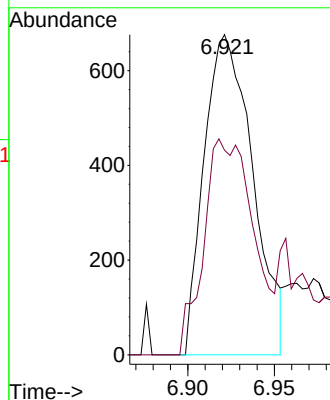
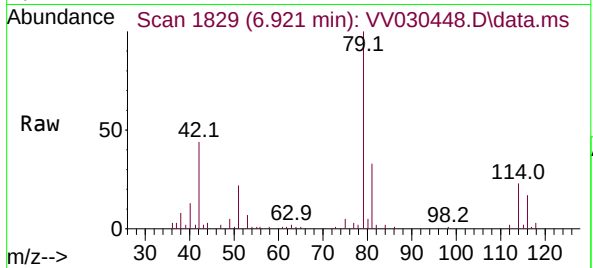
C0AB2

Tgt Ion: 75 Resp: 1320

Ion Ratio Lower Upper

75 100

77 63.9 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.246 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030448.D

Acq: 07 Apr 2023 17:20

Tgt Ion: 75 Resp: 6939

Ion Ratio Lower Upper

75 100

77 42.8 26.0 39.0#

110 2.7 31.6 47.4#

