

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030451.D
 Acq On : 07 Apr 2023 18:34
 Operator : SY/MD
 Sample : 02225-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC7

Quant Time: Apr 10 03:59:20 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)

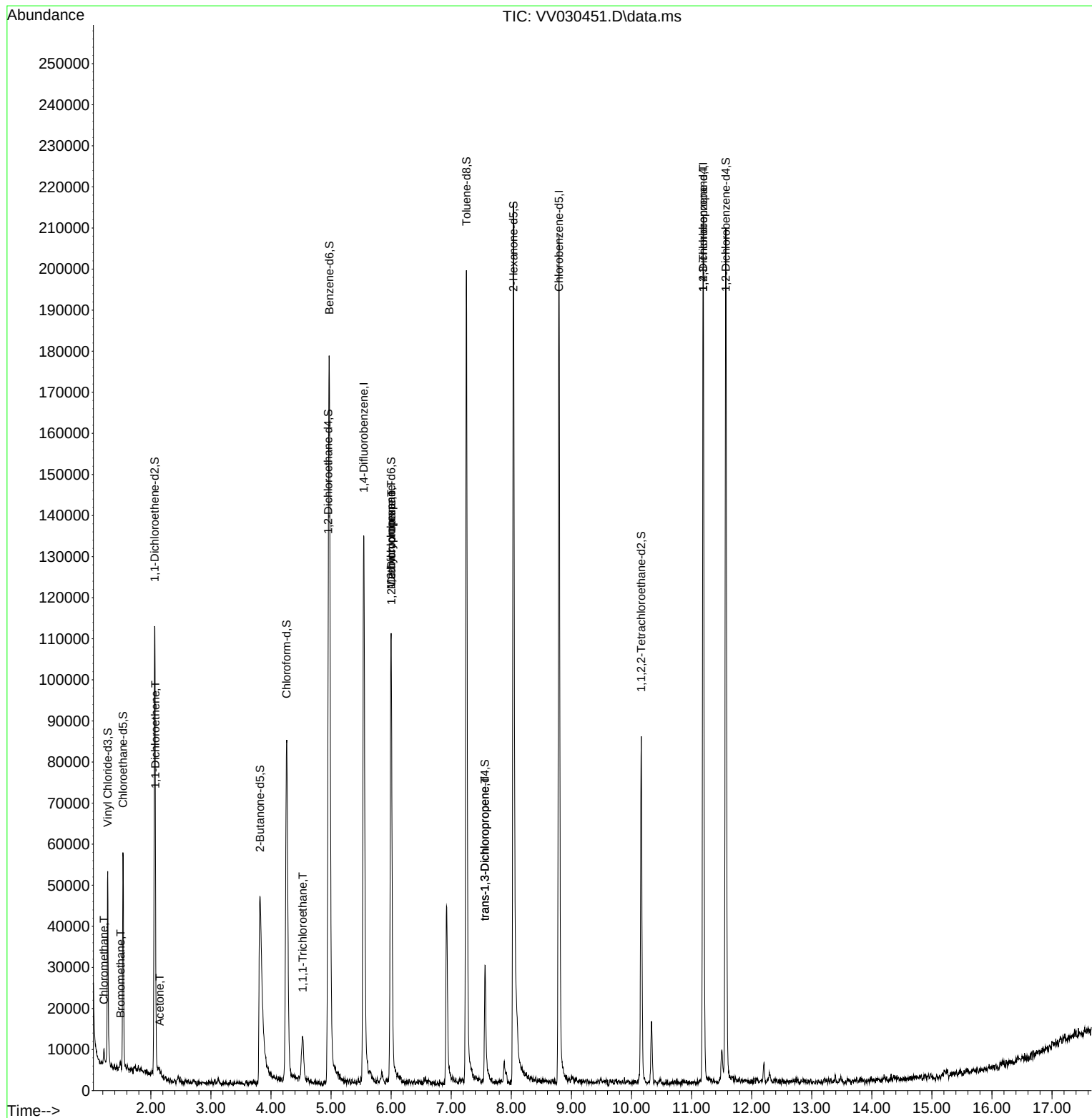
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	115010	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30870	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.536	69	33913	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.063	63	59580	3.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.815	46	103012	52.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	4.259	84	87539	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.953	65	47110	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	4.970	84	155284	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.998	67	48432	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.252	98	131768	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	16345	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.034	63	75128	49.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37663	4.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	54084	5.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3497	0.190	ug/L	100
6) Bromomethane	1.494	94	417	0.109	ug/L	92
12) 1,1-Dichloroethene	2.076	96	2849	0.296	ug/L #	1
13) Acetone	2.146	43	2902	1.541	ug/L	81
29) 1,1,1-Trichloroethane	4.526	97	9155	0.496	ug/L	99
35) Methylcyclohexane	5.998	83	12935	0.750	ug/L #	16
37) 1,2-Dichloropropane	6.002	63	6219	0.594	ug/L #	86
44) trans-1,3-Dichloropropene	7.561	75	1030	0.082	ug/L #	78
61) 1,2,3-Trichloropropane	11.194	75	6176	1.232	ug/L #	66

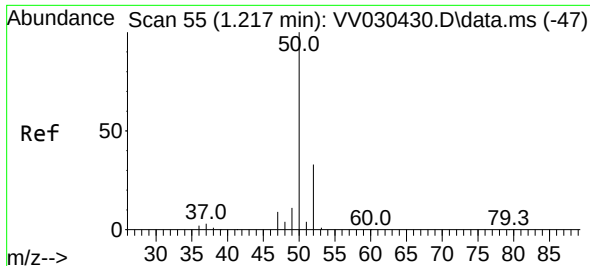
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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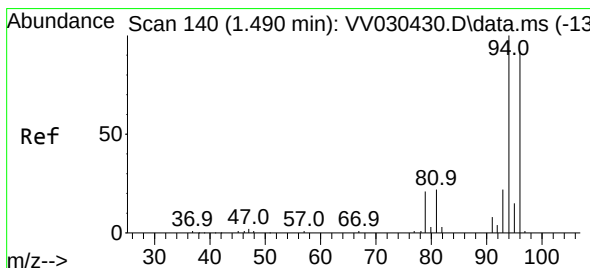
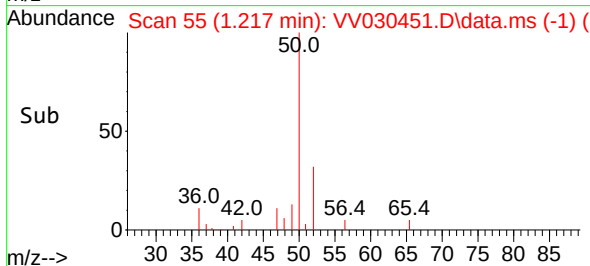
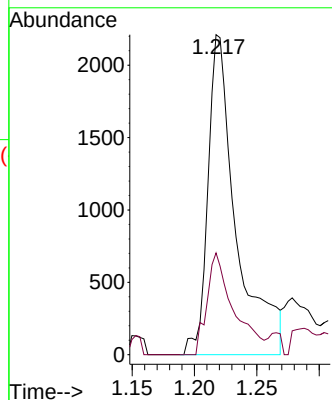
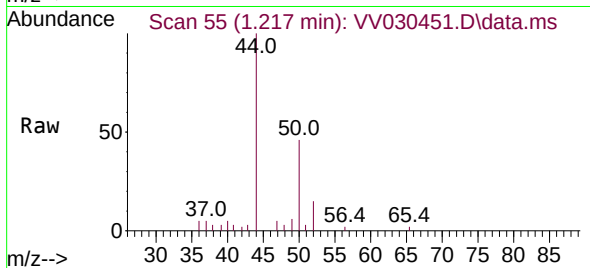




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030451.D
Acq: 07 Apr 2023 18:34

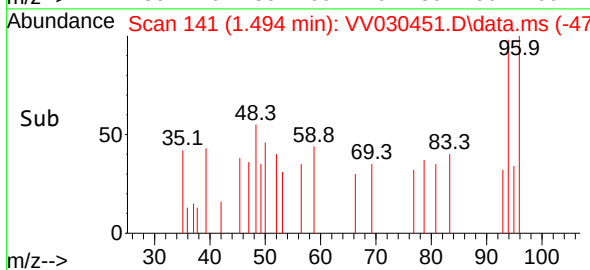
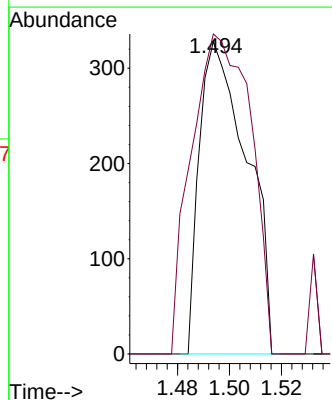
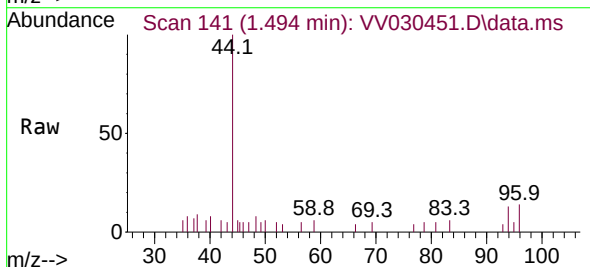
Instrument :
MSVOA_V
ClientSampleId :
C0AC7

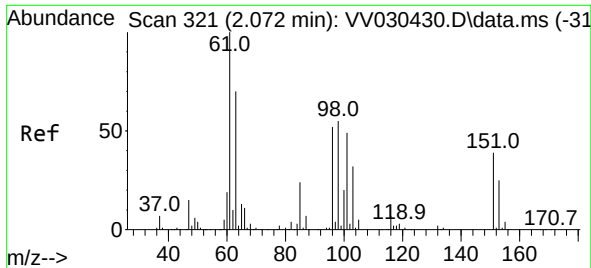
Tgt Ion: 50 Resp: 3497
Ion Ratio Lower Upper
50 100
52 31.8 22.3 41.5



#6
Bromomethane
Concen: 0.109 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030451.D
Acq: 07 Apr 2023 18:34

Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 102.4 66.1 122.7

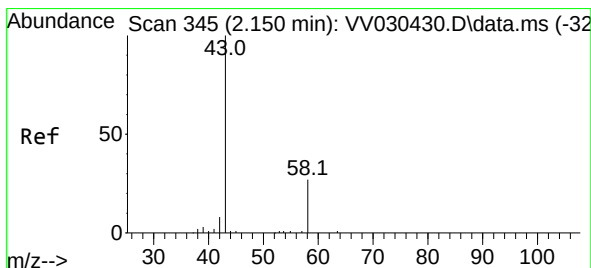
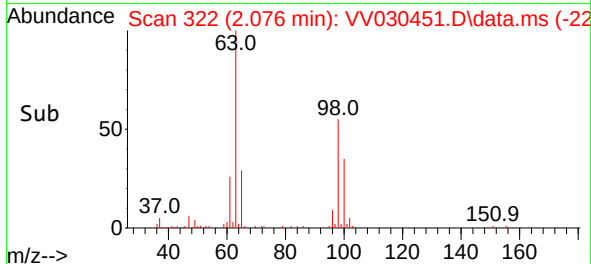
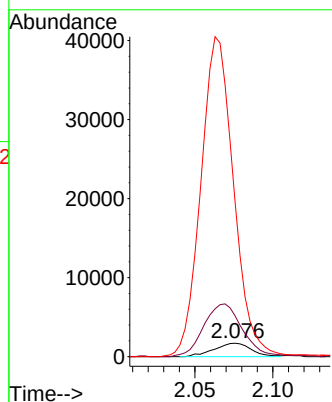
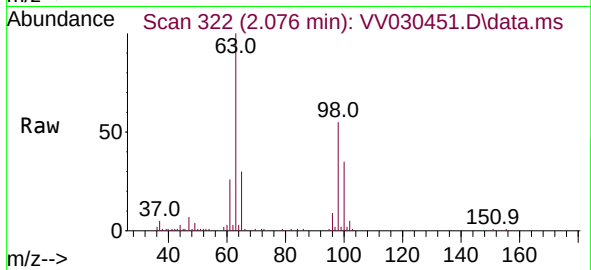




#12
 1,1-Dichloroethene
 Concen: 0.296 ug/L
 RT: 2.076 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030451.D
 Acq: 07 Apr 2023 18:34

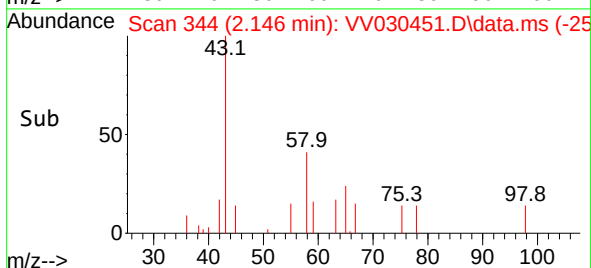
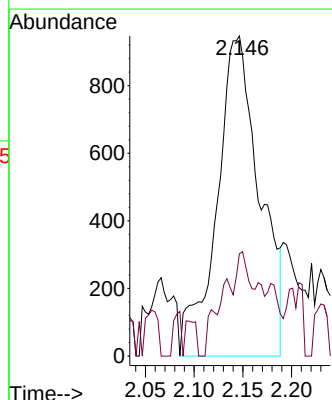
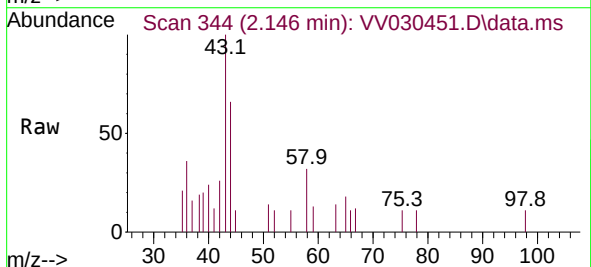
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC7

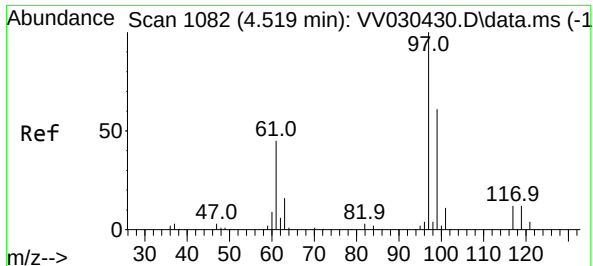
Tgt Ion: 96 Resp: 2849
 Ion Ratio Lower Upper
 96 100
 61 303.8 136.3 253.1#
 63 1150.6 92.1 171.1#



#13
 Acetone
 Concen: 1.541 ug/L
 RT: 2.146 min Scan# 344
 Delta R.T. -0.003 min
 Lab File: VV030451.D
 Acq: 07 Apr 2023 18:34

Tgt Ion: 43 Resp: 2902
 Ion Ratio Lower Upper
 43 100
 58 11.5 0.0 40.8





#29

1,1,1-Trichloroethane

Concen: 0.496 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.007 min

Lab File: VV030451.D

Acq: 07 Apr 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

C0AC7

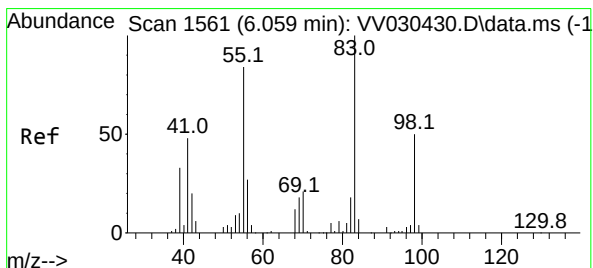
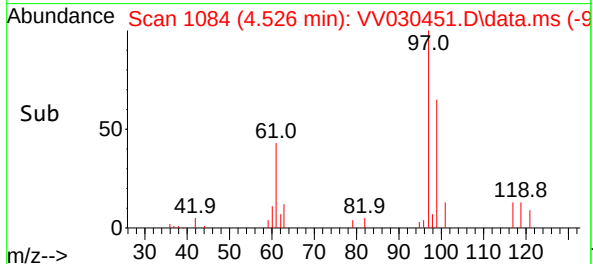
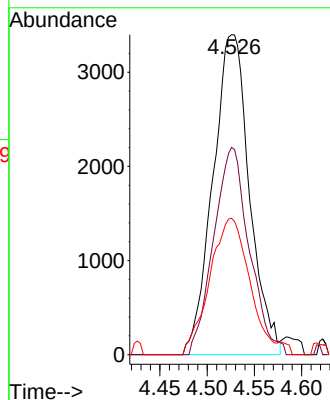
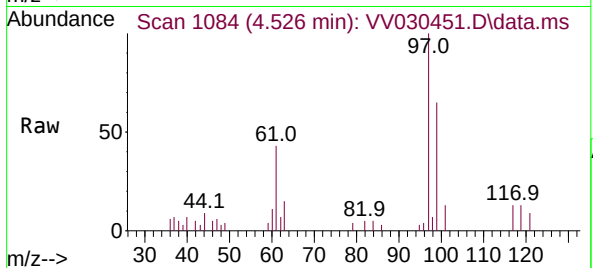
Tgt Ion: 97 Resp: 9155

Ion Ratio Lower Upper

97 100

99 63.0 50.9 76.3

61 46.2 35.9 53.9



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030451.D

Acq: 07 Apr 2023 18:34

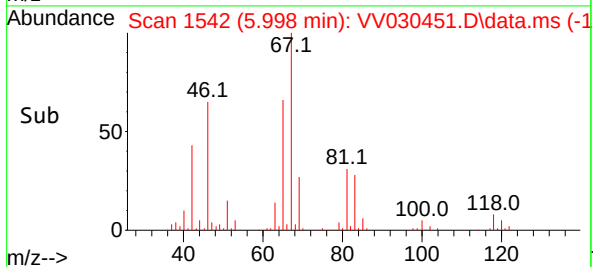
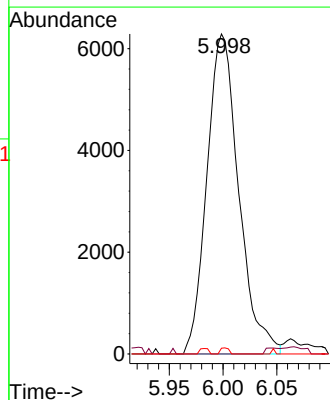
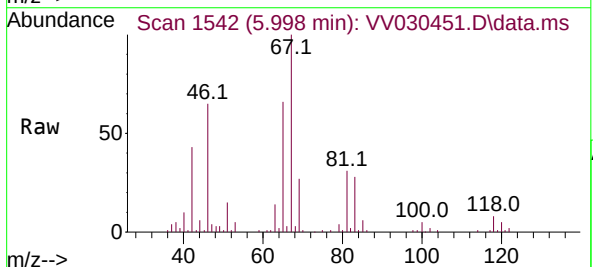
Tgt Ion: 83 Resp: 12935

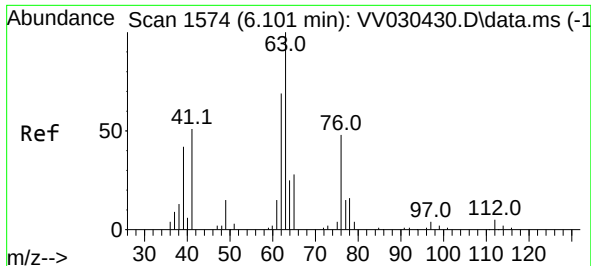
Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.5 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030451.D

Acq: 07 Apr 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

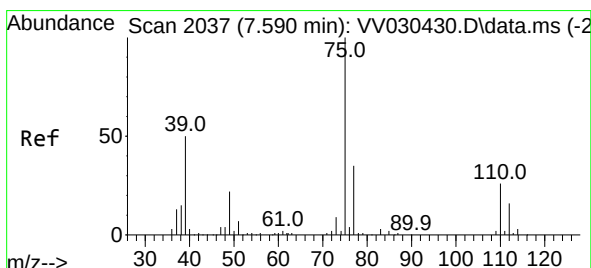
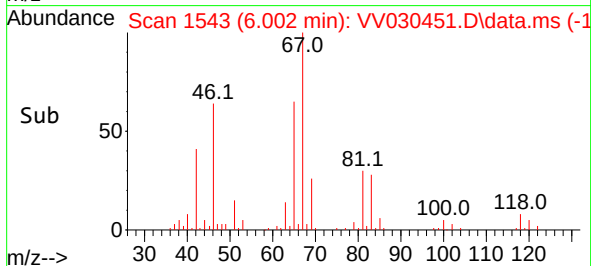
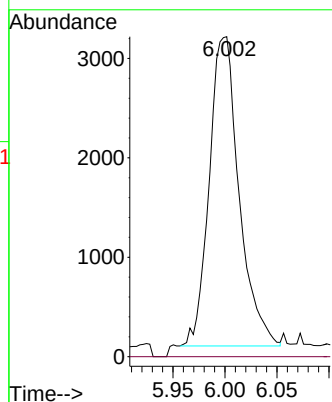
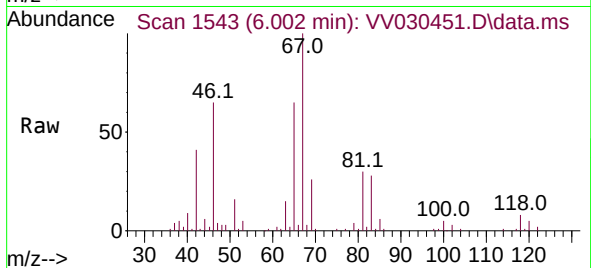
C0AC7

Tgt Ion: 63 Resp: 6219

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV030451.D

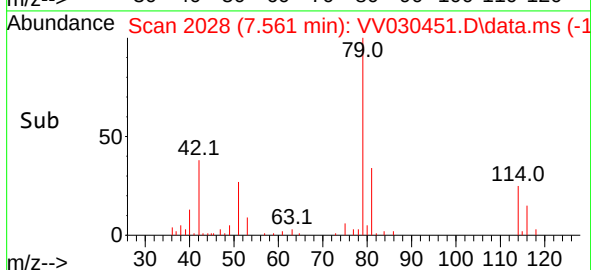
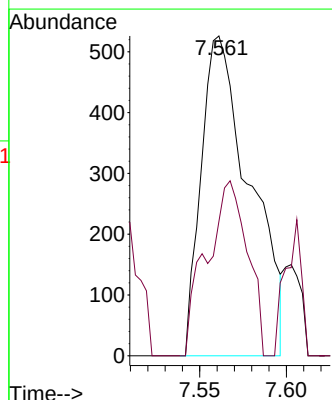
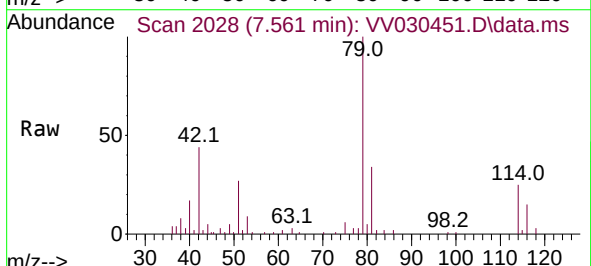
Acq: 07 Apr 2023 18:34

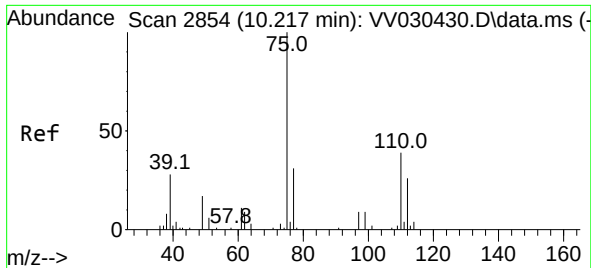
Tgt Ion: 75 Resp: 1030

Ion Ratio Lower Upper

75 100

77 42.0 21.2 39.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.232 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030451.D
 Acq: 07 Apr 2023 18:34

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Tgt Ion: 75 Resp: 6176
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.0 39.0
 110 4.9 31.6 47.4#

