

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030455.D
 Acq On : 07 Apr 2023 20:13
 Operator : SY/MD
 Sample : 02225-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE6

Quant Time: Apr 10 04:00:26 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

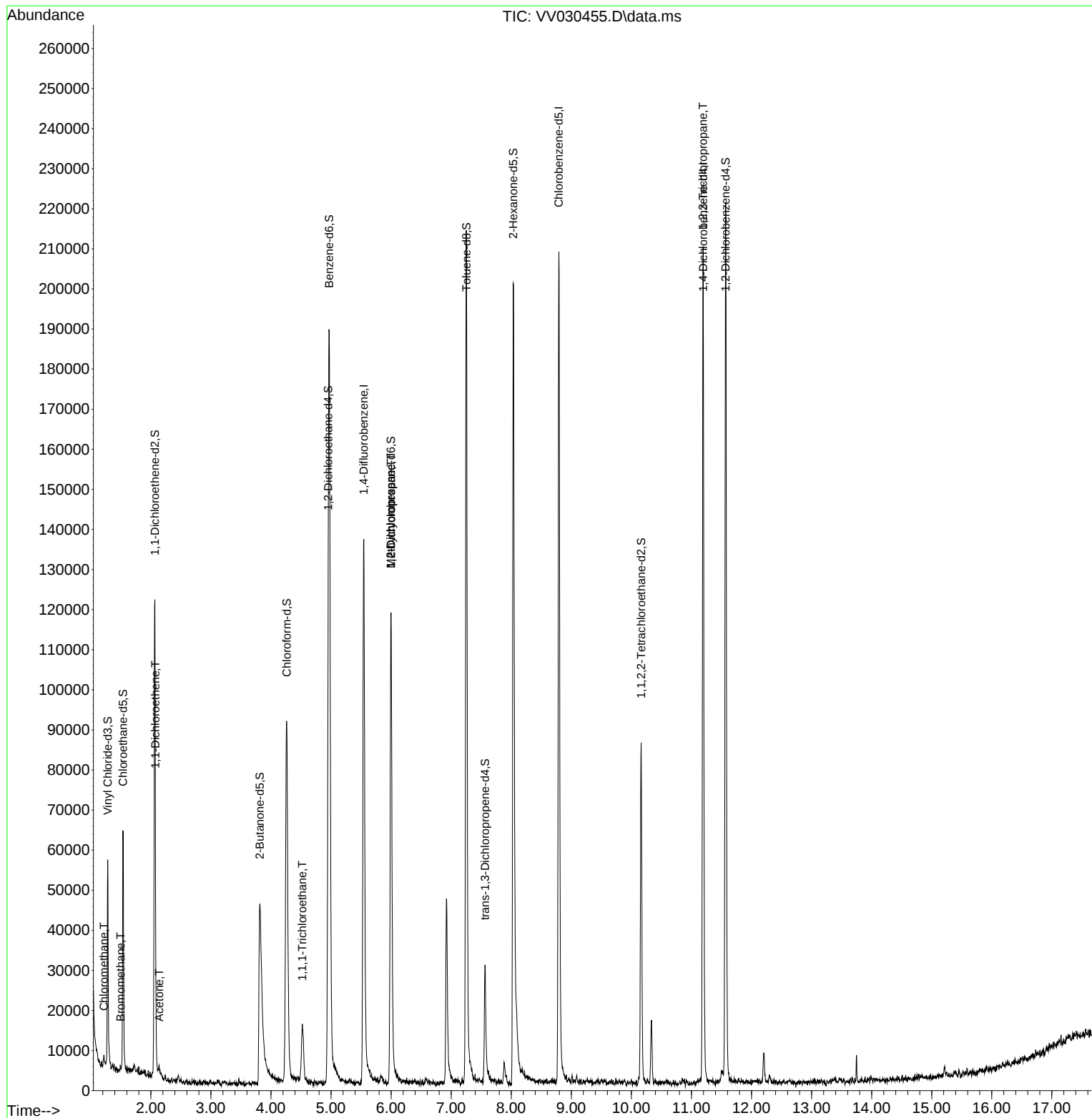
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	114962	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	114700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32784	4.306	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.536	69	35698	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.066	63	63696	3.525	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	3.815	46	94994	48.270	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.540%	
24) Chloroform-d	4.262	84	96118	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	4.953	65	48211	5.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
32) Benzene-d6	4.969	84	168426	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	5.998	67	51752	5.114	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.252	98	144577	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.564	79	17614	4.623	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.034	63	70847	46.277	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.560%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37984	4.763	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	58248	5.902	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1999	0.108	ug/L #	81
6) Bromomethane	1.494	94	376	0.098	ug/L	85
12) 1,1-Dichloroethene	2.076	96	2541	0.265	ug/L #	1
13) Acetone	2.140	43	2885	1.533	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	11060	0.600	ug/L	95
35) Methylcyclohexane	5.998	83	13717	0.795	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	7045	0.674	ug/L #	87
61) 1,2,3-Trichloropropane	11.191	75	6162	1.248	ug/L #	62

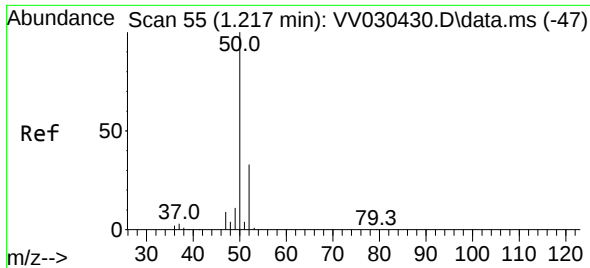
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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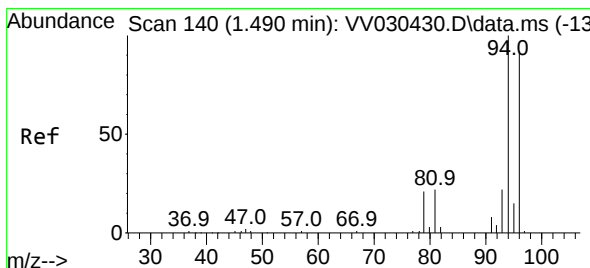
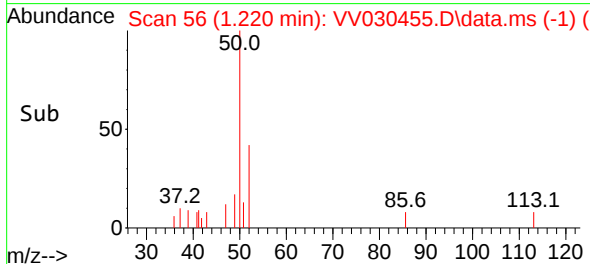
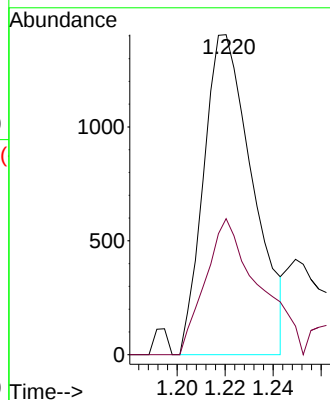
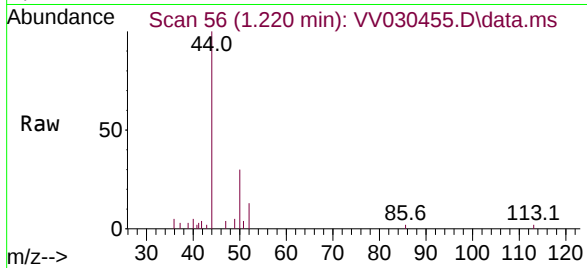




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030455.D
Acq: 07 Apr 2023 20:13

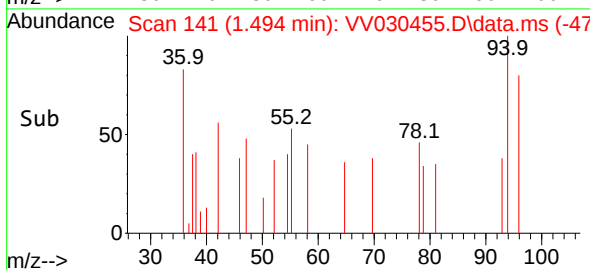
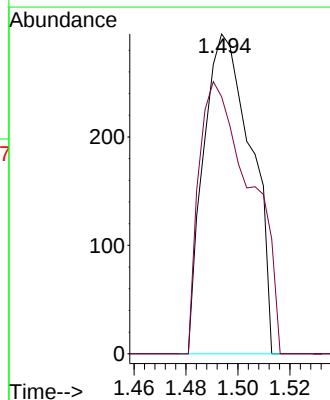
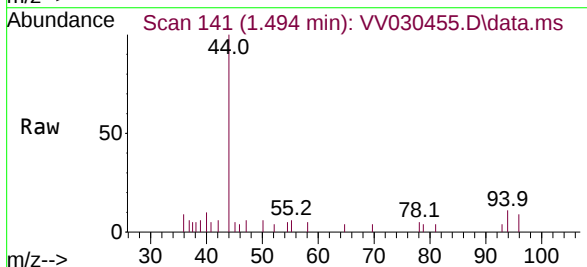
Instrument :
MSVOA_V
ClientSampleId :
C0AE6

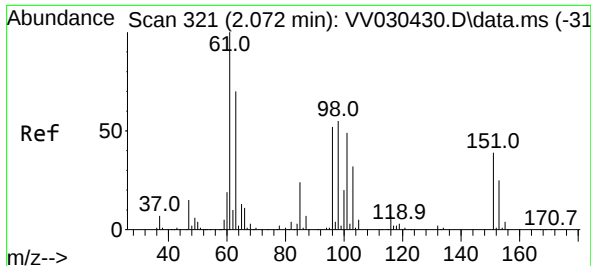
Tgt Ion: 50 Resp: 1999
Ion Ratio Lower Upper
50 100
52 42.5 22.3 41.5#



#6
Bromomethane
Concen: 0.098 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030455.D
Acq: 07 Apr 2023 20:13

Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 80.3 66.1 122.7





#12

1,1-Dichloroethene

Concen: 0.265 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030455.D

Acq: 07 Apr 2023 20:13

Instrument :

MSVOA_V

ClientSampleId :

C0AE6

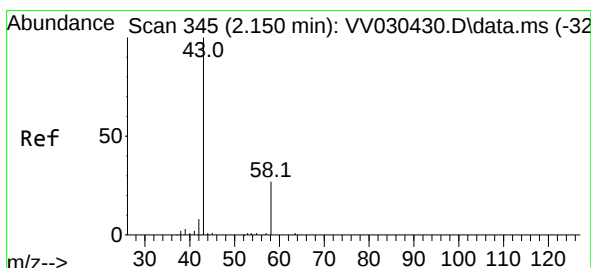
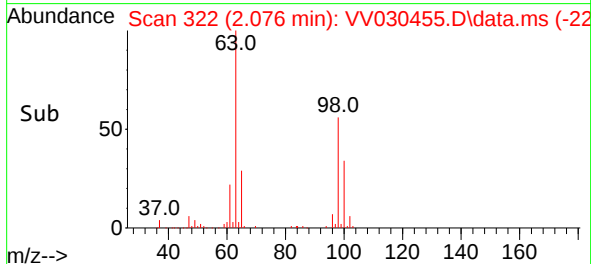
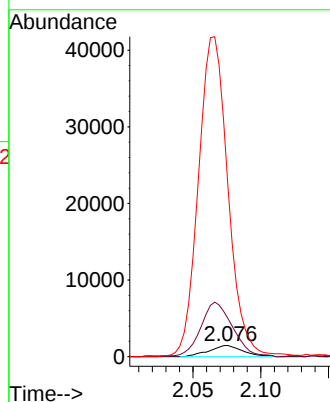
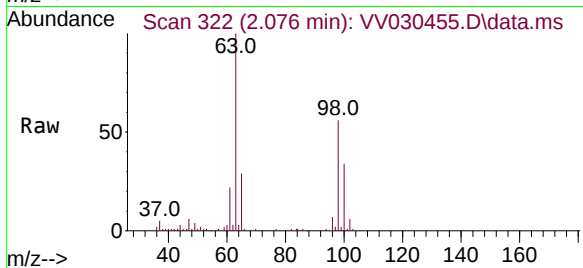
Tgt Ion: 96 Resp: 2541

Ion Ratio Lower Upper

96 100

61 342.0 136.3 253.1#

63 1529.4 92.1 171.1#



#13

Acetone

Concen: 1.533 ug/L

RT: 2.140 min Scan# 342

Delta R.T. -0.010 min

Lab File: VV030455.D

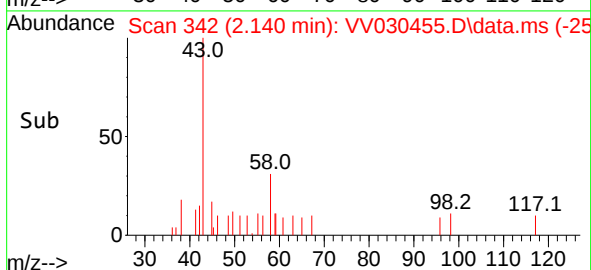
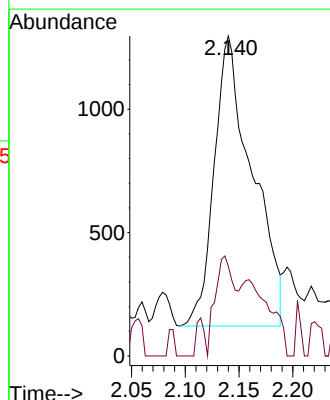
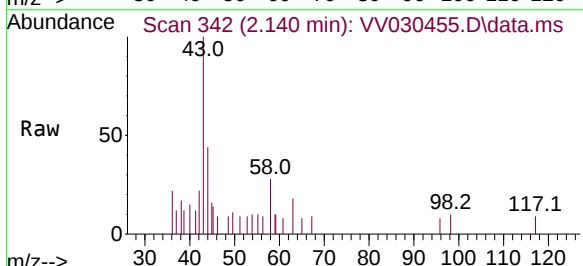
Acq: 07 Apr 2023 20:13

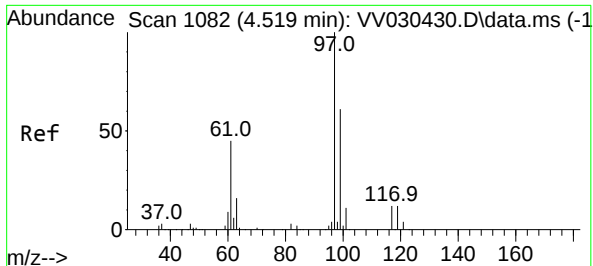
Tgt Ion: 43 Resp: 2885

Ion Ratio Lower Upper

43 100

58 18.1 0.0 40.8





#29

1,1,1-Trichloroethane

Concen: 0.600 ug/L

RT: 4.519 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030455.D

Acq: 07 Apr 2023 20:13

Instrument :

MSVOA_V

ClientSampleId :

C0AE6

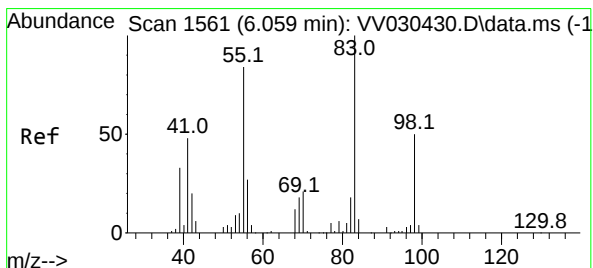
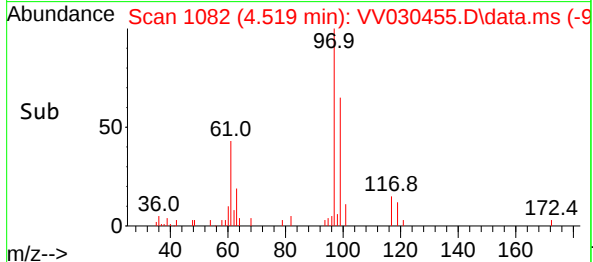
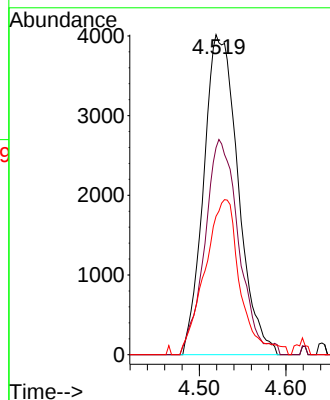
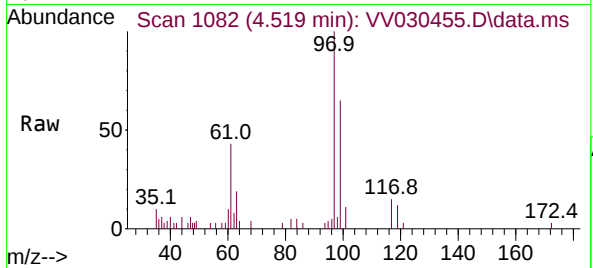
Tgt Ion: 97 Resp: 11060

Ion Ratio Lower Upper

97 100

99 66.5 50.9 76.3

61 49.7 35.9 53.9



#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030455.D

Acq: 07 Apr 2023 20:13

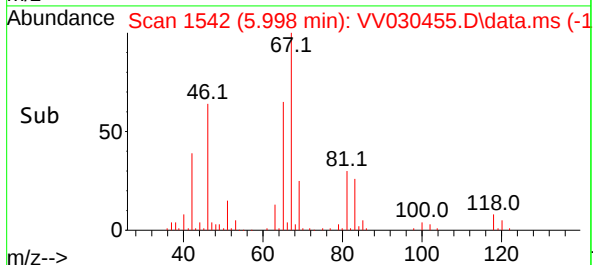
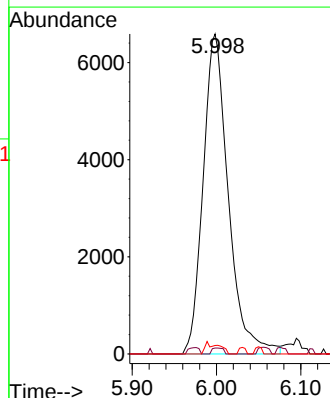
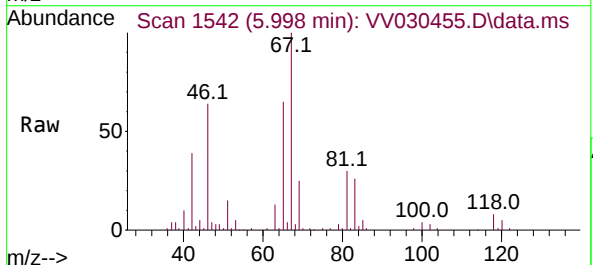
Tgt Ion: 83 Resp: 13717

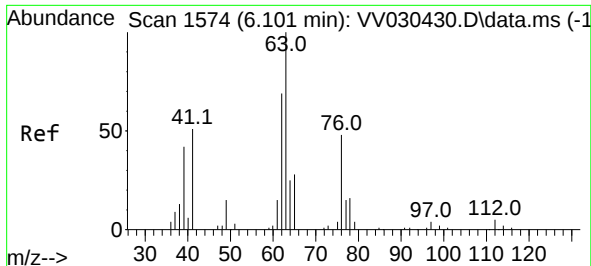
Ion Ratio Lower Upper

83 100

55 0.8 66.6 100.0#

98 1.1 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.674 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030455.D

Acq: 07 Apr 2023 20:13

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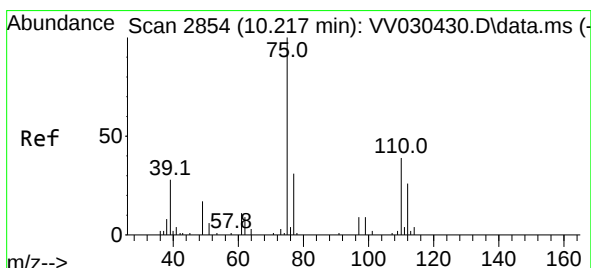
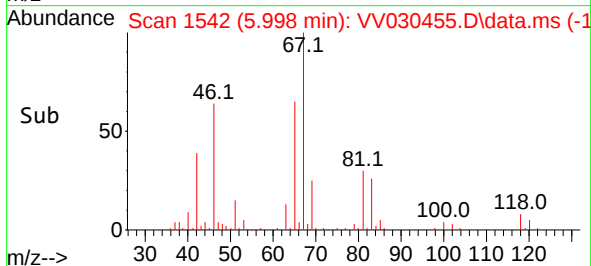
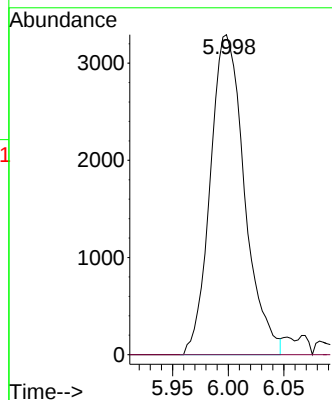
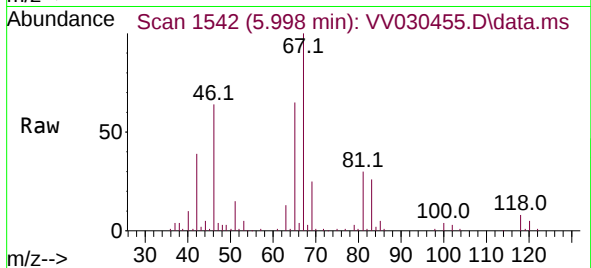
C0AE6

Tgt Ion: 63 Resp: 7045

Ion Ratio Lower Upper

63 100

112 0.6 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.248 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030455.D

Acq: 07 Apr 2023 20:13

Tgt Ion: 75 Resp: 6162

Ion Ratio Lower Upper

75 100

77 39.4 26.0 39.0#

110 3.0 31.6 47.4#

