

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031431.D
 Acq On : 08 Jun 2023 04:40
 Operator : SY/MD
 Sample : 03077-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FB4

Quant Time: Jun 08 05:48:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

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

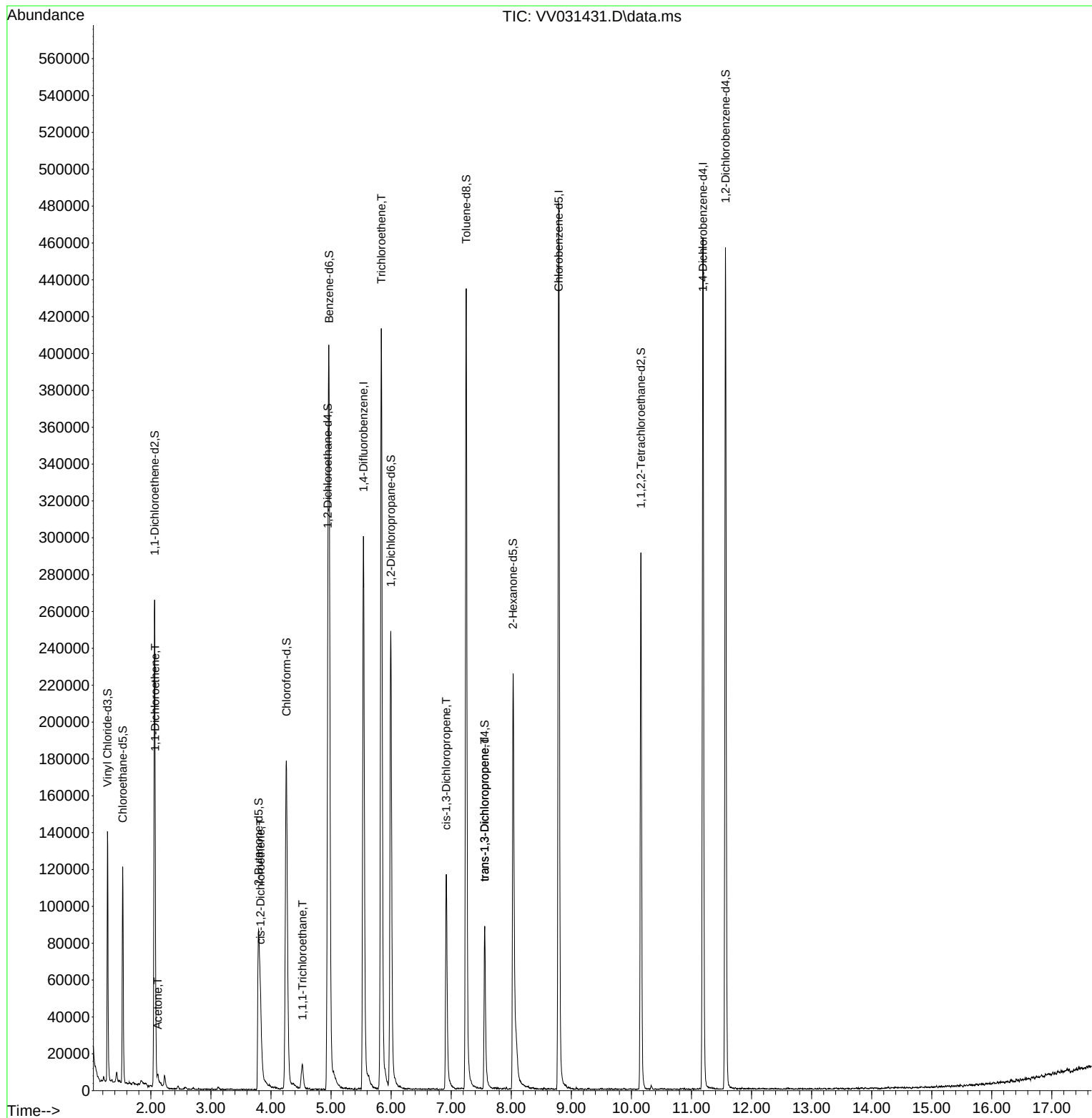
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	242490	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	250464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88509	41.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.980%		
7) Chloroethane-d5	1.532	69	76326	44.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.380%		
11) 1,1-Dichloroethene-d2	2.063	65	44674	44.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.360%		
21) 2-Butanone-d5	3.793	46	137797	89.370	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.370%		
24) Chloroform-d	4.256	84	189038	46.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
26) 1,2-Dichloroethane-d4	4.947	65	132649	48.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.440%		
32) Benzene-d6	4.966	84	332643	44.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	5.995	67	119685	46.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	7.249	98	288011	42.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.800%		
43) trans-1,3-Dichloroprop...	7.558	79	51590	39.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.700%		
47) 2-Hexanone-d5	8.031	63	71570	73.929	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.930%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137668	42.441	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.880%		
66) 1,2-Dichlorobenzene-d4	11.567	152	113359	51.300	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.073	96	9629	9.954	ug/L #	1
13) Acetone	2.118	43	5240	3.799	ug/L	91
20) cis-1,2-Dichloroethene	3.825	96	15266	10.238	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	10770	3.643	ug/L	96
34) Trichloroethene	5.838	95	145994	83.850	ug/L	99
39) cis-1,3-Dichloropropene	6.918	75	3403	1.145	ug/L #	81
44) trans-1,3-Dichloropropene	7.558	75	2402	0.797	ug/L	86

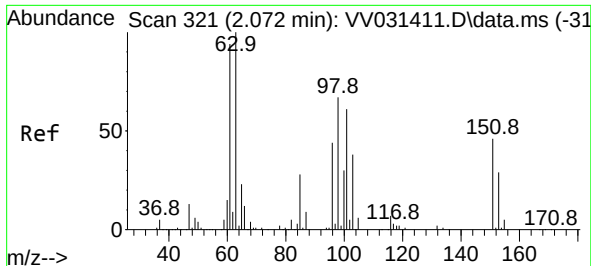
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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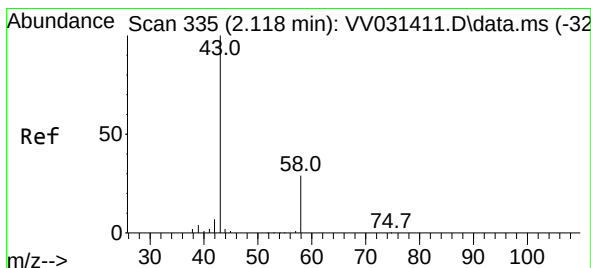
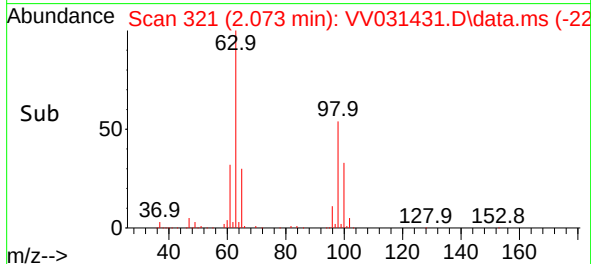
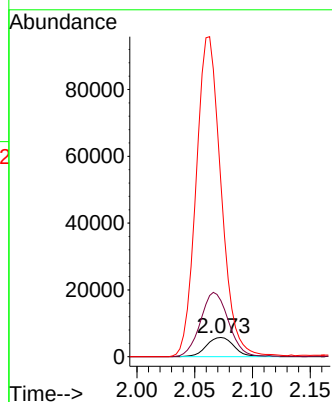
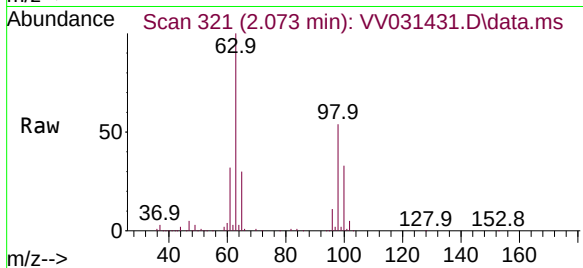




#12
 1,1-Dichloroethene
 Concen: 9.954 ug/L
 RT: 2.073 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031431.D
 Acq: 08 Jun 2023 04:40

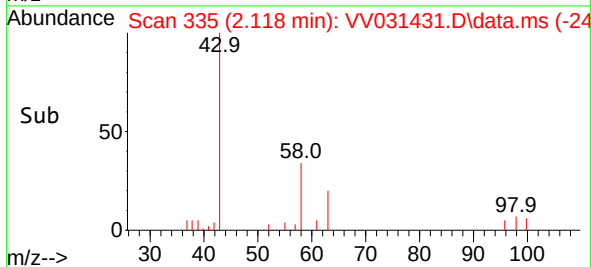
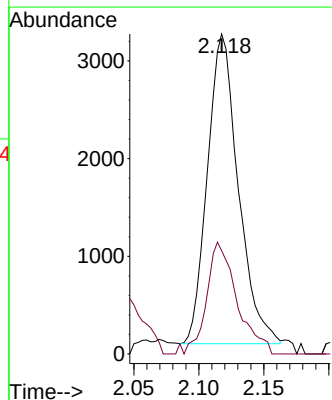
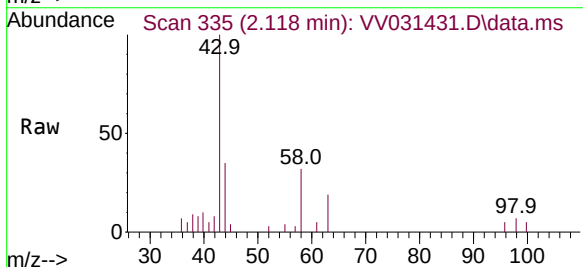
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FB4

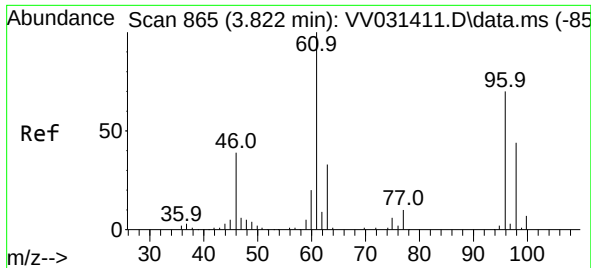
Tgt Ion: 96 Resp: 9629
 Ion Ratio Lower Upper
 96 100
 61 291.0 143.9 267.3#
 63 905.3 158.3 293.9#



#13
 Acetone
 Concen: 3.799 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV031431.D
 Acq: 08 Jun 2023 04:40

Tgt Ion: 43 Resp: 5240
 Ion Ratio Lower Upper
 43 100
 58 35.3 0.0 61.0

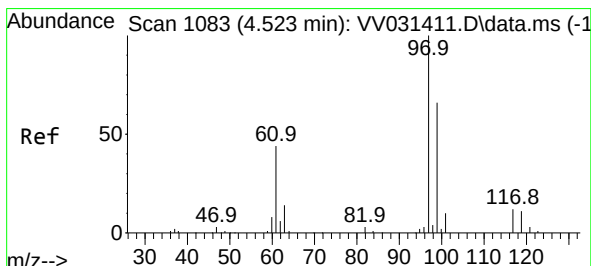
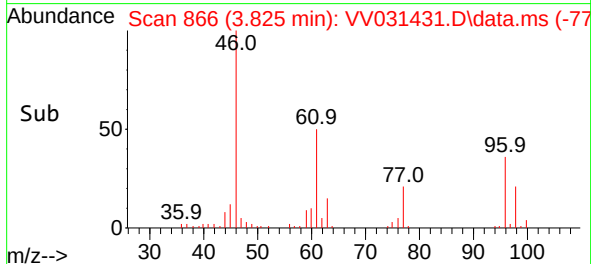
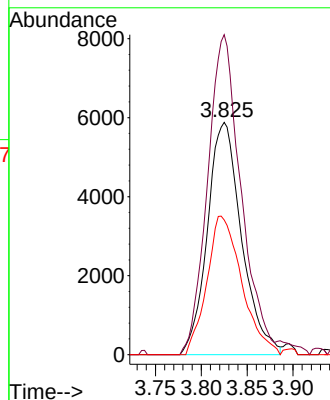
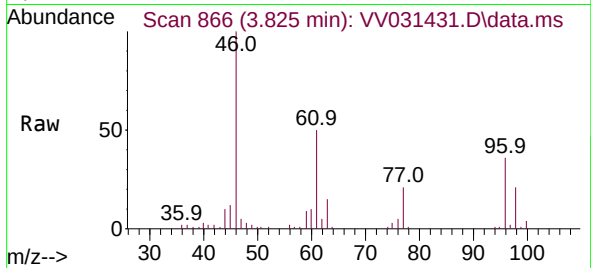




#20
cis-1,2-Dichloroethene
Concen: 10.238 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031431.D
Acq: 08 Jun 2023 04:40

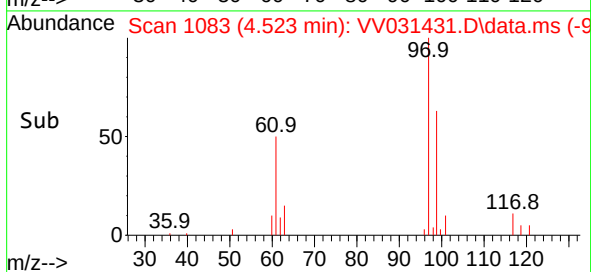
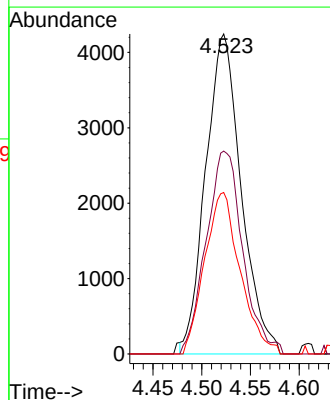
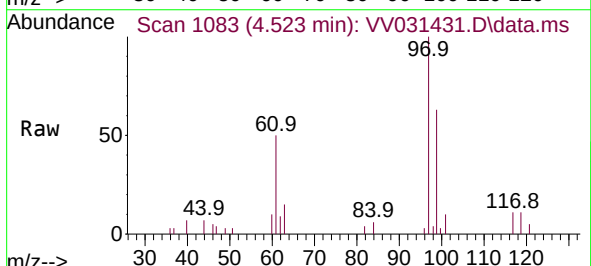
Instrument :
MSVOA_V
ClientSampleId :
C0FB4

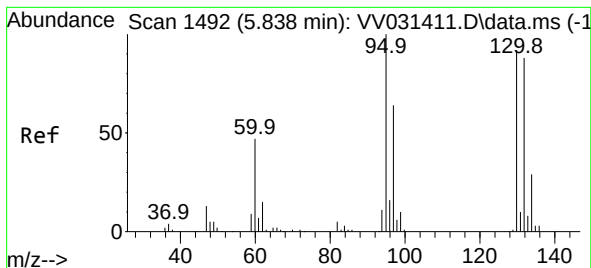
Tgt Ion: 96 Resp: 15266
Ion Ratio Lower Upper
96 100
61 137.7 101.6 188.6
98 58.0 44.4 82.4



#30
1,1,1-Trichloroethane
Concen: 3.643 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VV031431.D
Acq: 08 Jun 2023 04:40

Tgt Ion: 97 Resp: 10770
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 50.3 36.1 54.1





#34

Trichloroethene

Concen: 83.850 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV031431.D

Acq: 08 Jun 2023 04:40

Instrument :

MSVOA_V

ClientSampleId :

C0FB4

Tgt Ion: 95 Resp: 145994

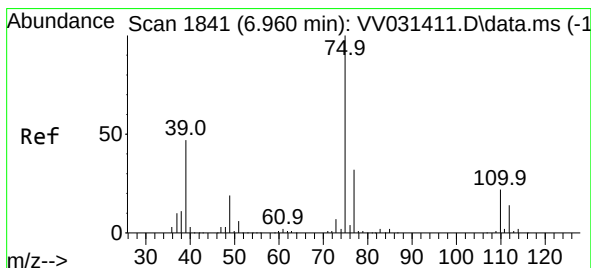
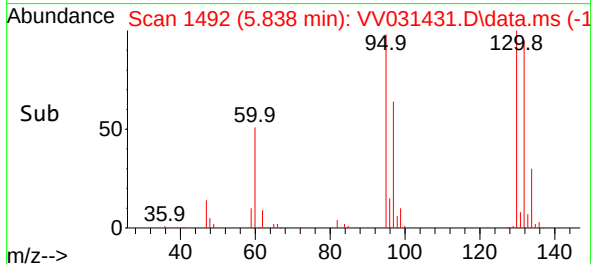
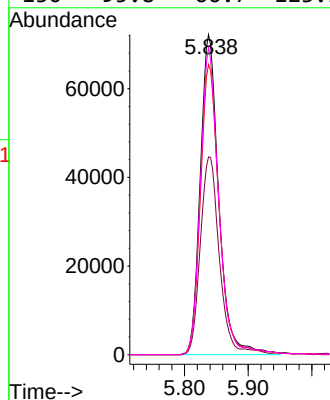
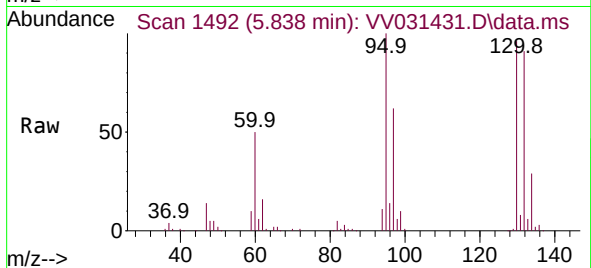
Ion Ratio Lower Upper

95 100

97 61.8 44.2 82.0

132 90.7 64.2 119.2

130 95.8 66.7 123.9



#39

cis-1,3-Dichloropropene

Concen: 1.145 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031431.D

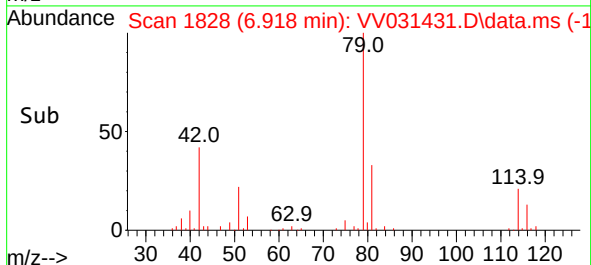
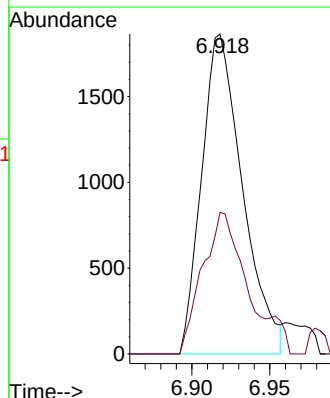
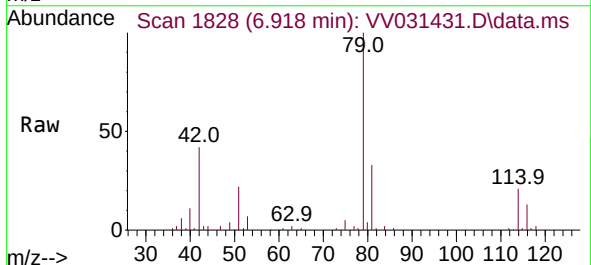
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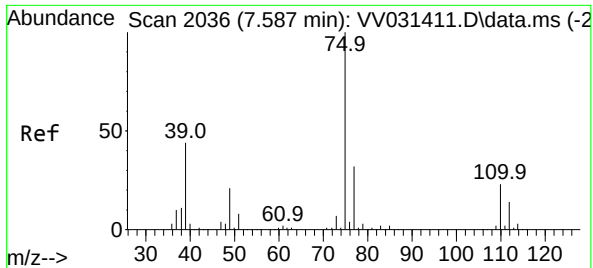
Tgt Ion: 75 Resp: 3403

Ion Ratio Lower Upper

75 100

77 44.2 23.2 43.2#





#44
 trans-1,3-Dichloropropene
 Concen: 0.797 ug/L
 RT: 7.558 min Scan# 2036
 Delta R.T. -0.029 min
 Lab File: VV031431.D
 Acq: 08 Jun 2023 04:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FB4

Tgt Ion: 75 Resp: 2402
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.2 41.2

