

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030435.D
 Acq On : 07 Apr 2023 12:05
 Operator : SY/MD
 Sample : 02194-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW9

Quant Time: Apr 10 03:54:46 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)

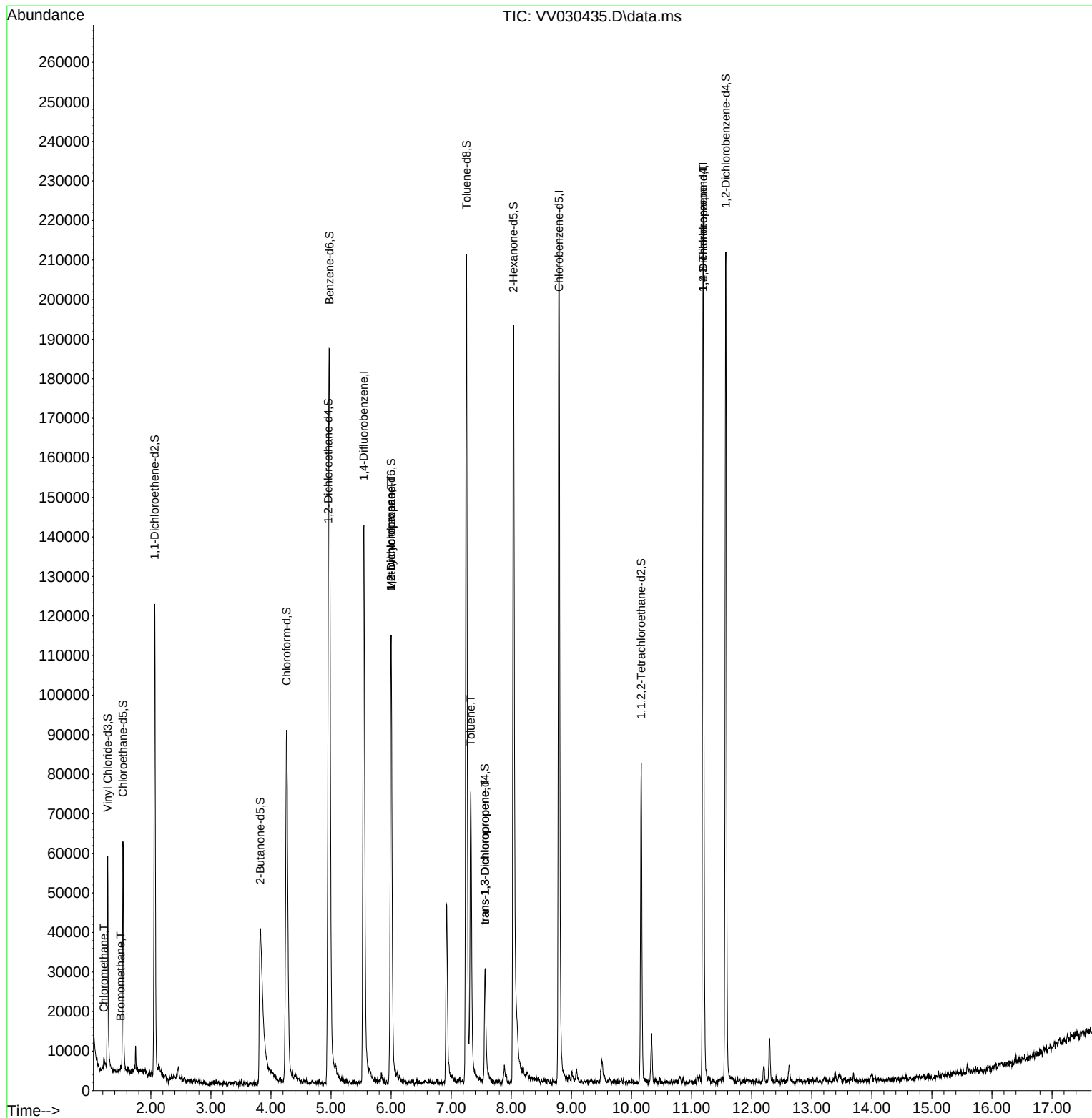
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122893	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35029	4.304	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.536	69	36842	4.664	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.063	63	64214	3.325	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.822	46	92475	43.957	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.920%	
24) Chloroform-d	4.259	84	93137	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	4.953	65	47045	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	4.969	84	165775	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	5.998	67	50209	4.710	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.252	98	139529	4.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.561	79	17607	4.387	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.034	63	69181	42.900	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.800%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36923	4.395	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	55490	5.233	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	2840	0.144	ug/L	98
6) Bromomethane	1.497	94	486	0.119	ug/L	75
35) Methylcyclohexane	5.998	83	13058	0.719	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	6831	0.620	ug/L #	86
42) Toluene	7.326	91	53306	1.166	ug/L	98
44) trans-1,3-Dichloropropene	7.564	75	1041	0.079	ug/L	84
61) 1,2,3-Trichloropropane	11.194	75	6660	1.255	ug/L #	64

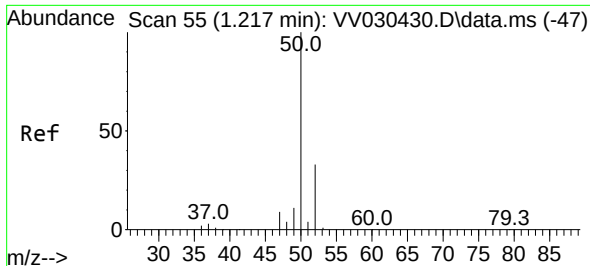
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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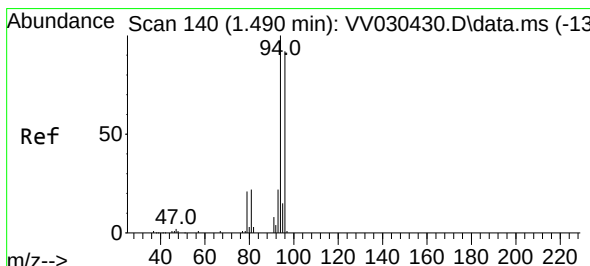
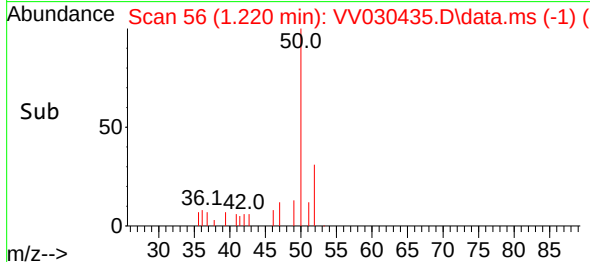
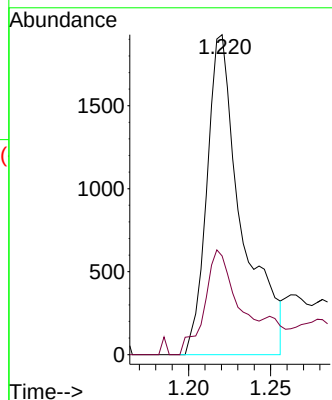
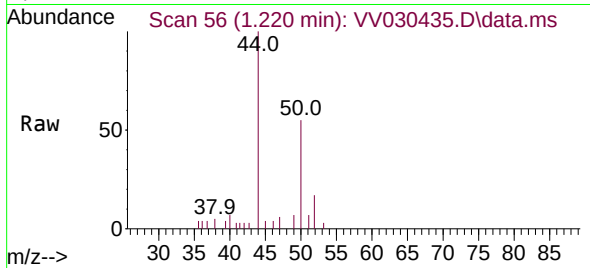




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030435.D
Acq: 07 Apr 2023 12:05

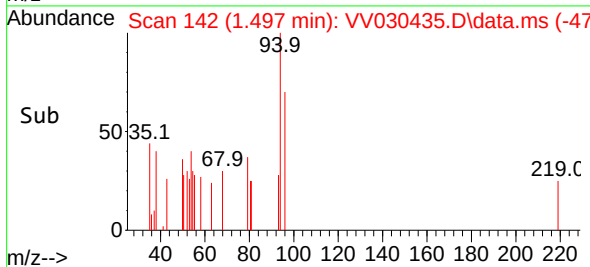
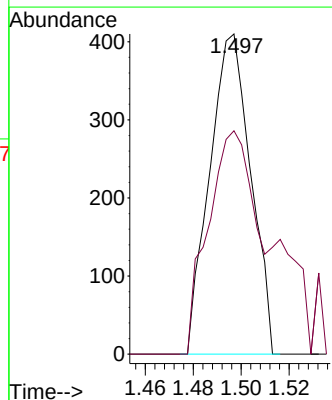
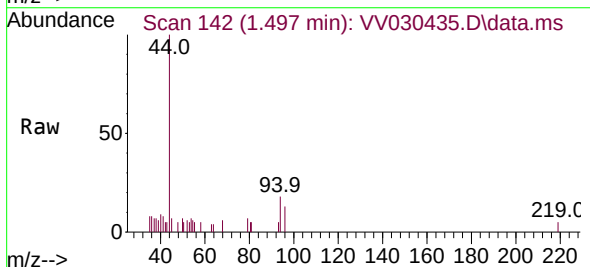
Instrument :
MSVOA_V
ClientSampleId :
BHDW9

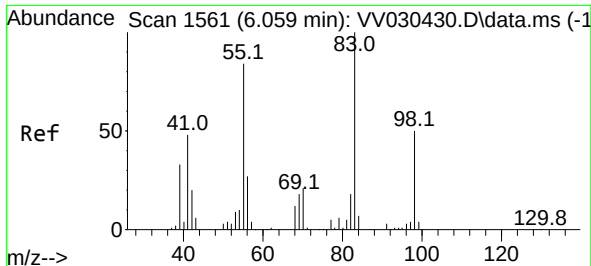
Tgt Ion: 50 Resp: 2840
Ion Ratio Lower Upper
50 100
52 30.9 22.3 41.5



#6
Bromomethane
Concen: 0.119 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030435.D
Acq: 07 Apr 2023 12:05

Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 69.8 66.1 122.7

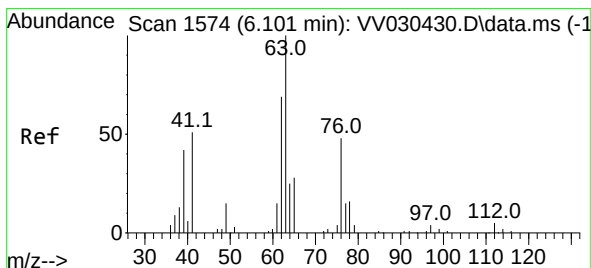
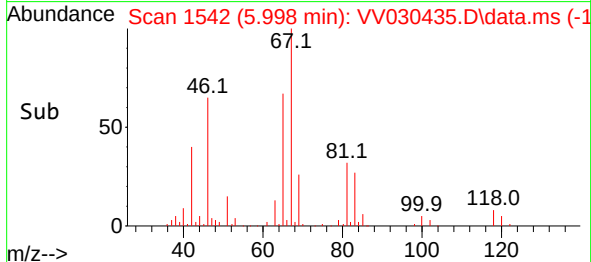
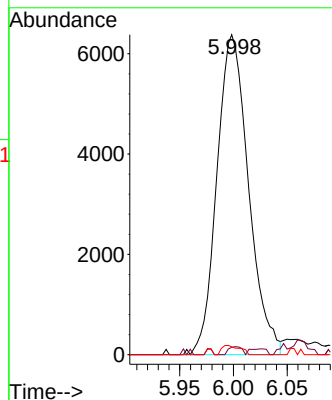
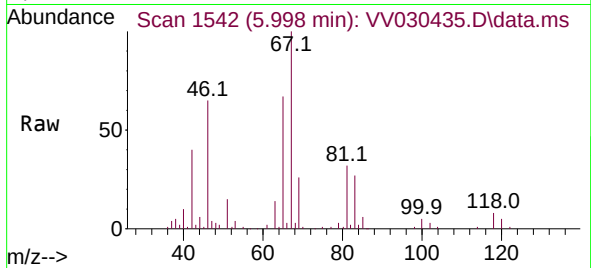




#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030435.D
Acq: 07 Apr 2023 12:05

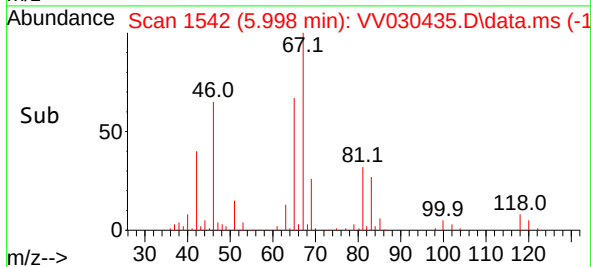
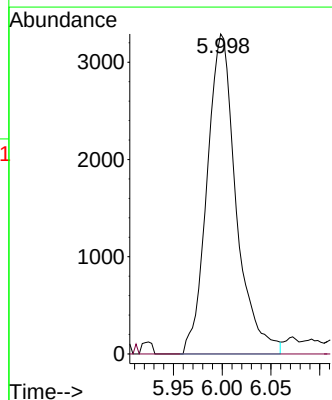
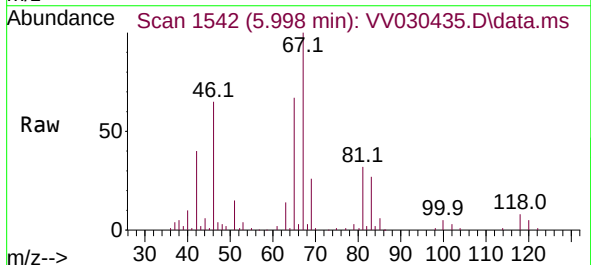
Instrument :
MSVOA_V
ClientSampleId :
BHDW9

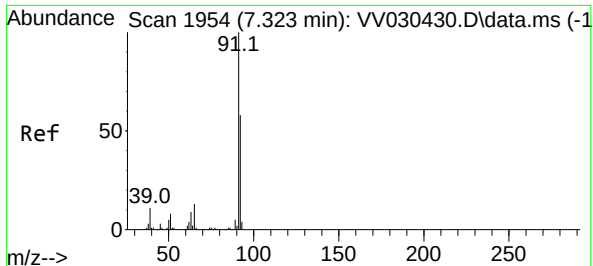
Tgt Ion: 83 Resp: 13058
Ion Ratio Lower Upper
83 100
55 1.0 66.6 100.0#
98 1.7 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030435.D
Acq: 07 Apr 2023 12:05

Tgt Ion: 63 Resp: 6831
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#42

Toluene

Concen: 1.166 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030435.D

Acq: 07 Apr 2023 12:05

Instrument :

MSVOA_V

ClientSampleId :

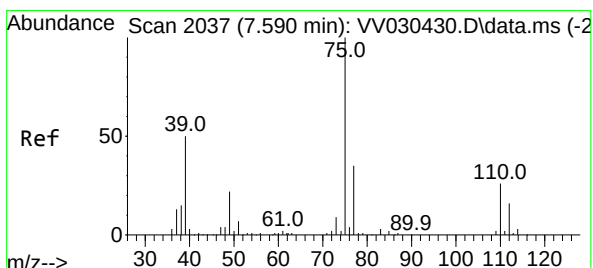
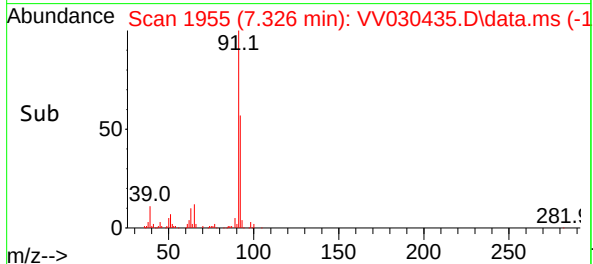
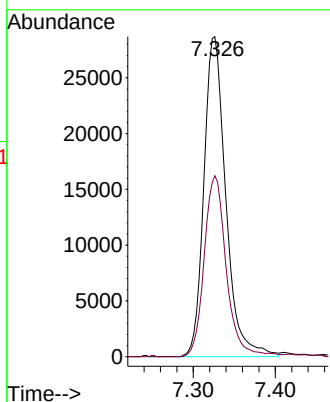
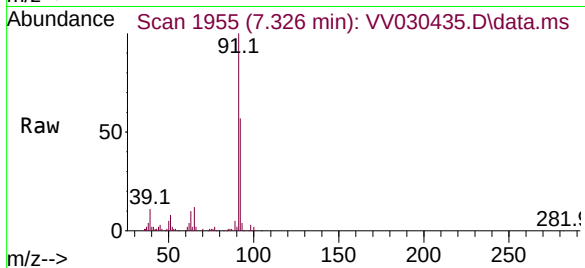
BHDW9

Tgt Ion: 91 Resp: 53306

Ion Ratio Lower Upper

91 100

92 56.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.026 min

Lab File: VV030435.D

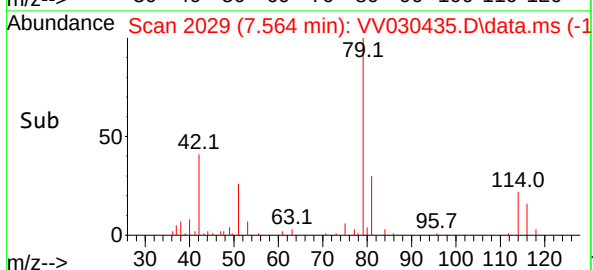
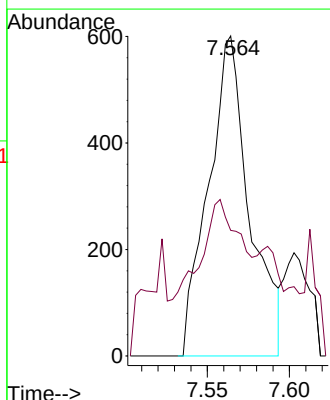
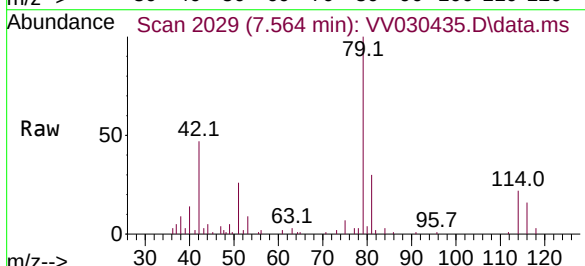
Acq: 07 Apr 2023 12:05

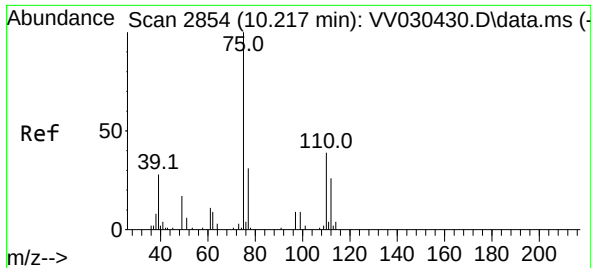
Tgt Ion: 75 Resp: 1041

Ion Ratio Lower Upper

75 100

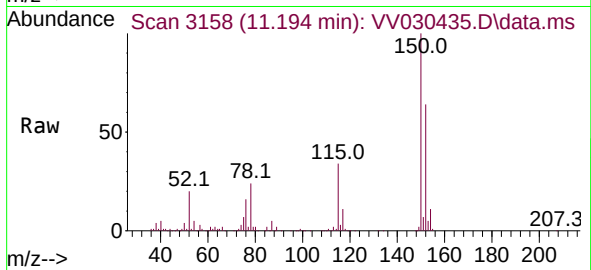
77 39.3 21.2 39.4





#61
 1,2,3-Trichloropropane
 Concen: 1.255 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030435.D
 Acq: 07 Apr 2023 12:05

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	75	Resp:	6660
Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.0	39.0
110	2.8	31.6	47.4#

