

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028661.D
 Acq On : 21 Oct 2022 14:44
 Operator : SY/MD
 Sample : N5173-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 21 23:02:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

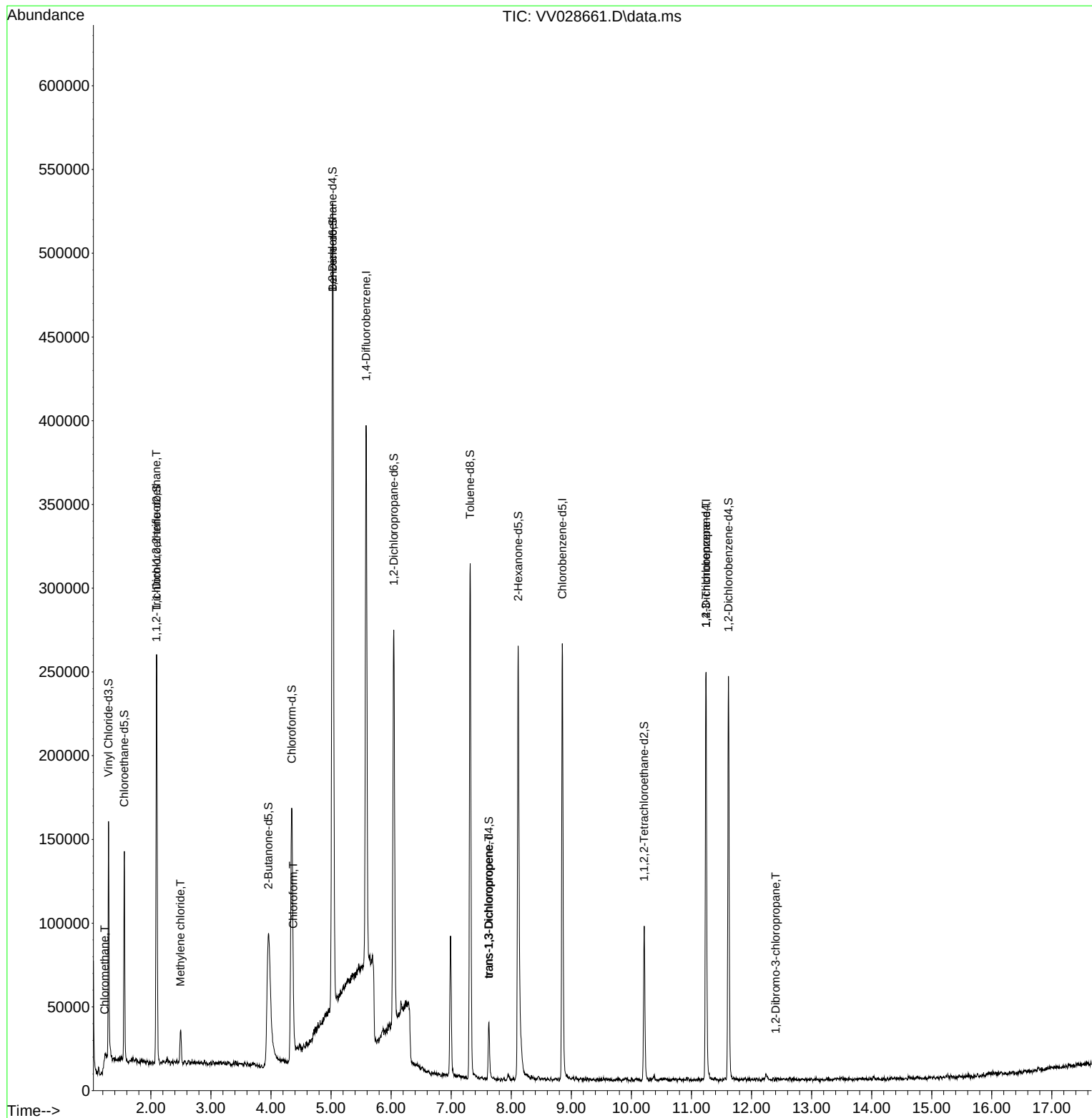
Internal Standards						
1) 1,4-Difluorobenzene	5.584	114	241205	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.850	117	129719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	57282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	95800	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.558	69	77341	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.095	63	134838	3.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.957	46	220173	48.985	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	4.346	84	150826	4.258	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.024	65	100265	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.031	84	349464	6.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
36) 1,2-Dichloropropane-d6	6.043	67	108561	6.134	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.600%
41) Toluene-d8	7.317	98	189411	4.640	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.628	79	17256	4.016	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.114	63	89133	49.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44291	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	56094	5.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
3) Chloromethane	1.230	50	1005	0.043	ug/L #	39
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	1512	0.091	ug/L #	42
16) Methylene chloride	2.494	84	7020	0.313	ug/L	97
25) Chloroform	4.371	83	4915	0.131	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	1077	0.090	ug/L #	75
61) 1,2,3-Trichloropropane	11.242	75	8861	1.427	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	12.403	75	177	0.163	ug/L #	9

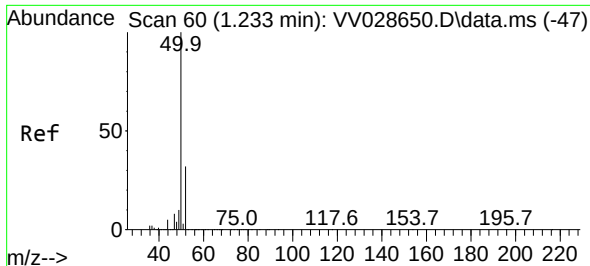
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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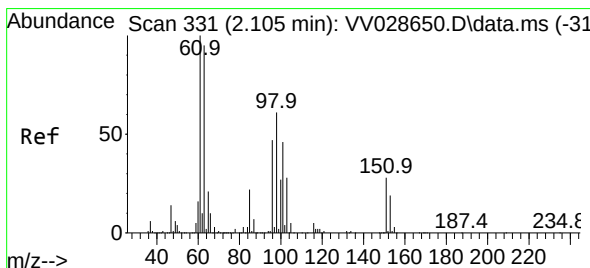
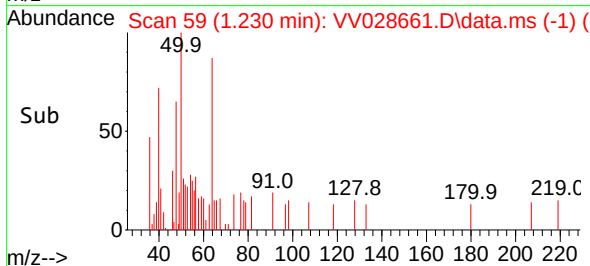
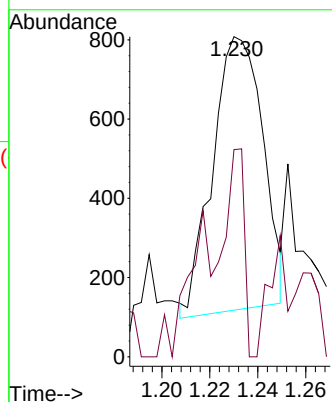
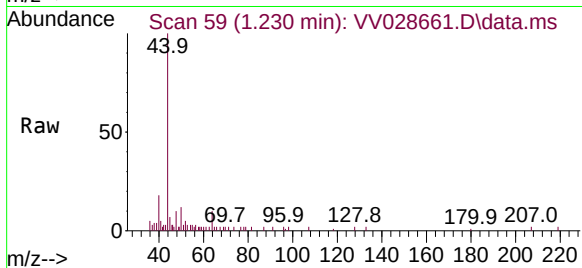




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

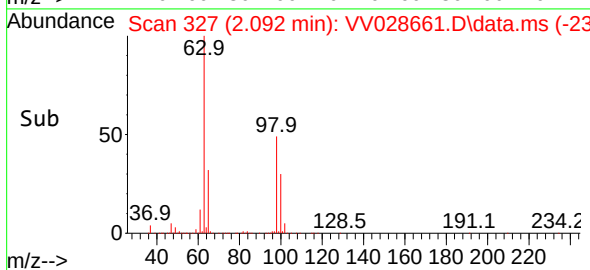
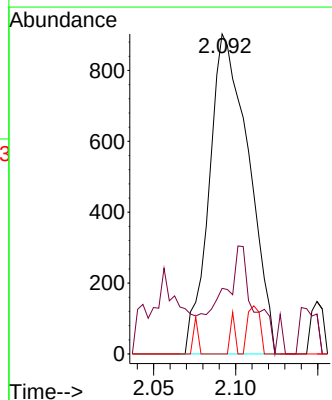
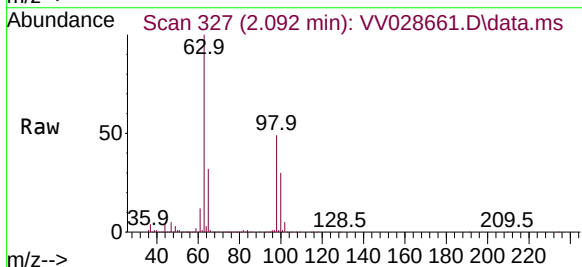
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

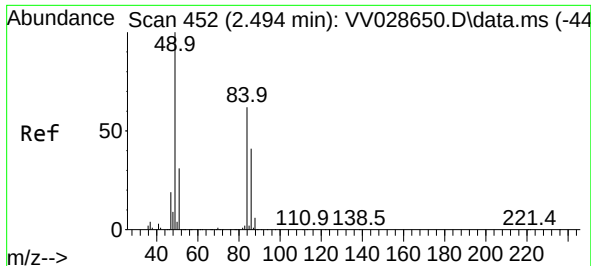
Tgt Ion: 50 Resp: 1005
Ion Ratio Lower Upper
50 100
52 64.7 21.8 40.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.092 min Scan# 327
Delta R.T. -0.013 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

Tgt Ion: 101 Resp: 1512
Ion Ratio Lower Upper
101 100
85 27.5 37.0 55.6#
151 1.5 50.2 75.2#

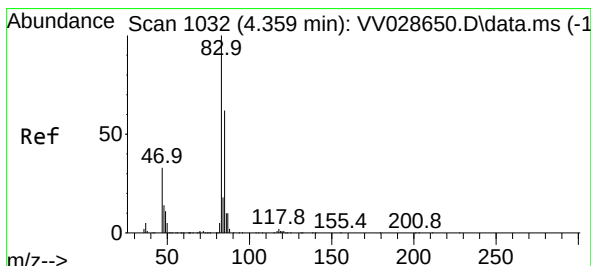
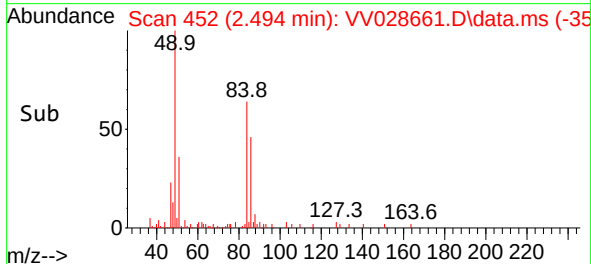
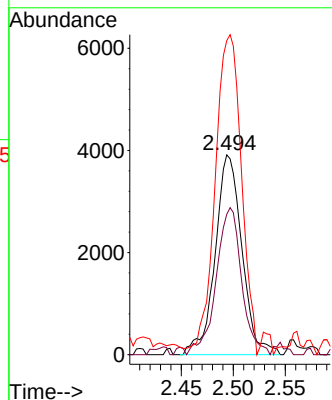
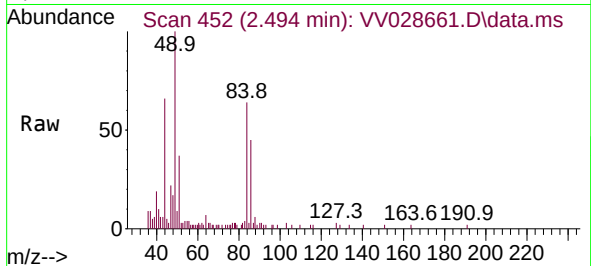




#16
Methylene chloride
Concen: 0.313 ug/L
RT: 2.494 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

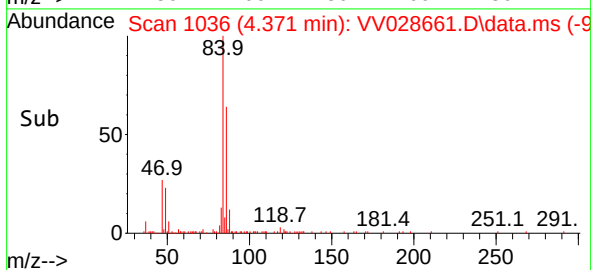
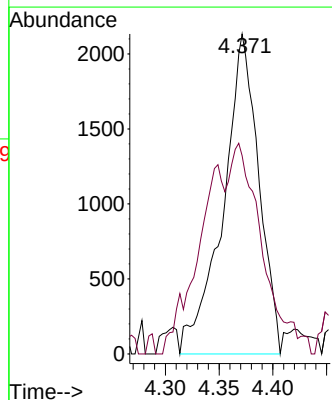
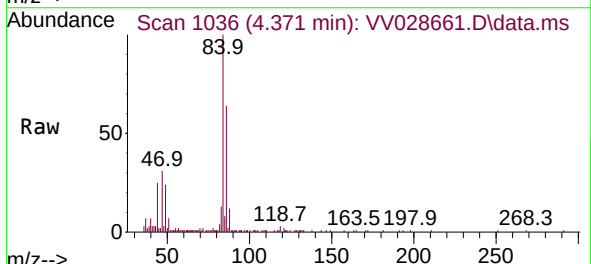
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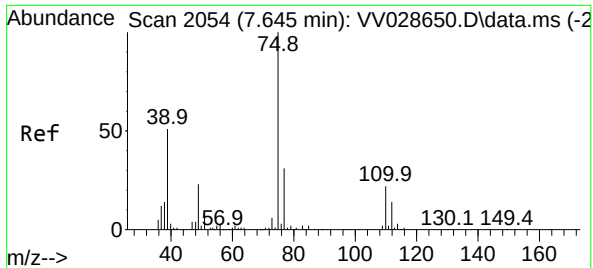
Tgt Ion: 84 Resp: 7020
Ion Ratio Lower Upper
84 100
86 70.2 44.4 82.4
49 157.1 110.8 205.8



#25
Chloroform
Concen: 0.131 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

Tgt Ion: 83 Resp: 4915
Ion Ratio Lower Upper
83 100
85 61.9 44.1 81.9

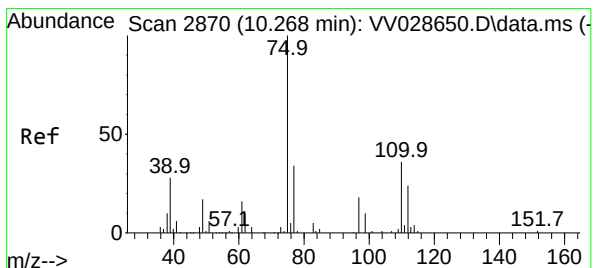
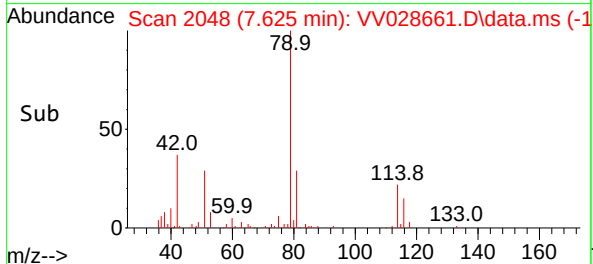
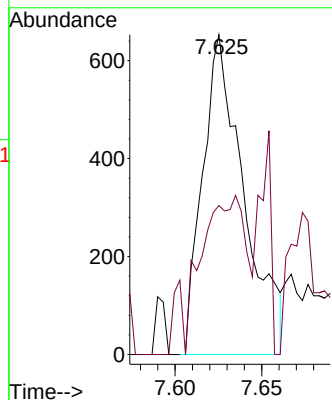
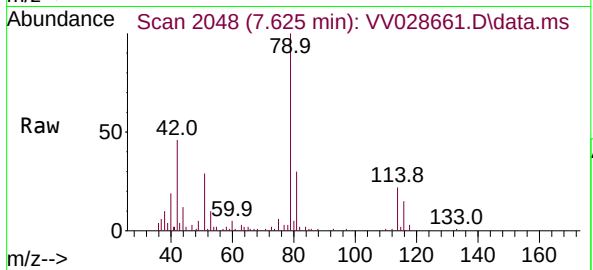




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

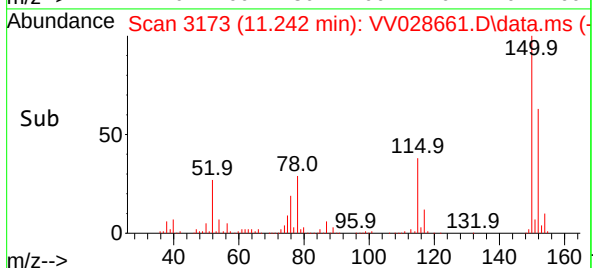
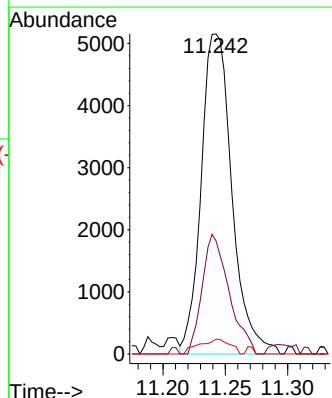
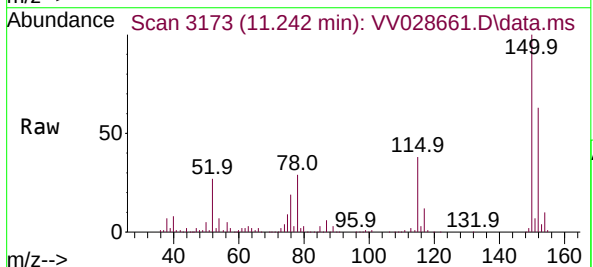
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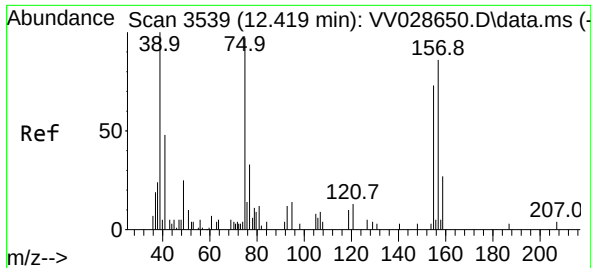
Tgt Ion: 75 Resp: 1077
Ion Ratio Lower Upper
75 100
77 46.6 22.6 42.0#



#61
1,2,3-Trichloropropane
Concen: 1.427 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028661.D
Acq: 21 Oct 2022 14:44

Tgt Ion: 75 Resp: 8861
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
110 4.6 27.9 41.9#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.163 ug/L

RT: 12.403 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV028661.D

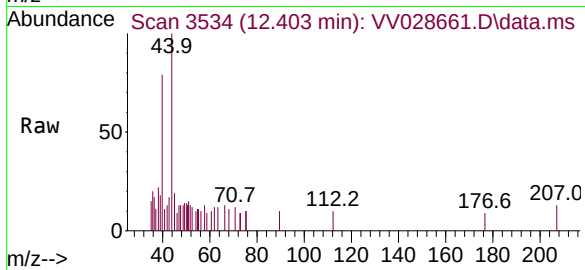
Acq: 21 Oct 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001



Tgt Ion: 75 Resp: 177

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 71.5 107.3#

