

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033221.D
 Acq On : 11 Dec 2023 18:27
 Operator : SY/MD
 Sample : 05730-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:43:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

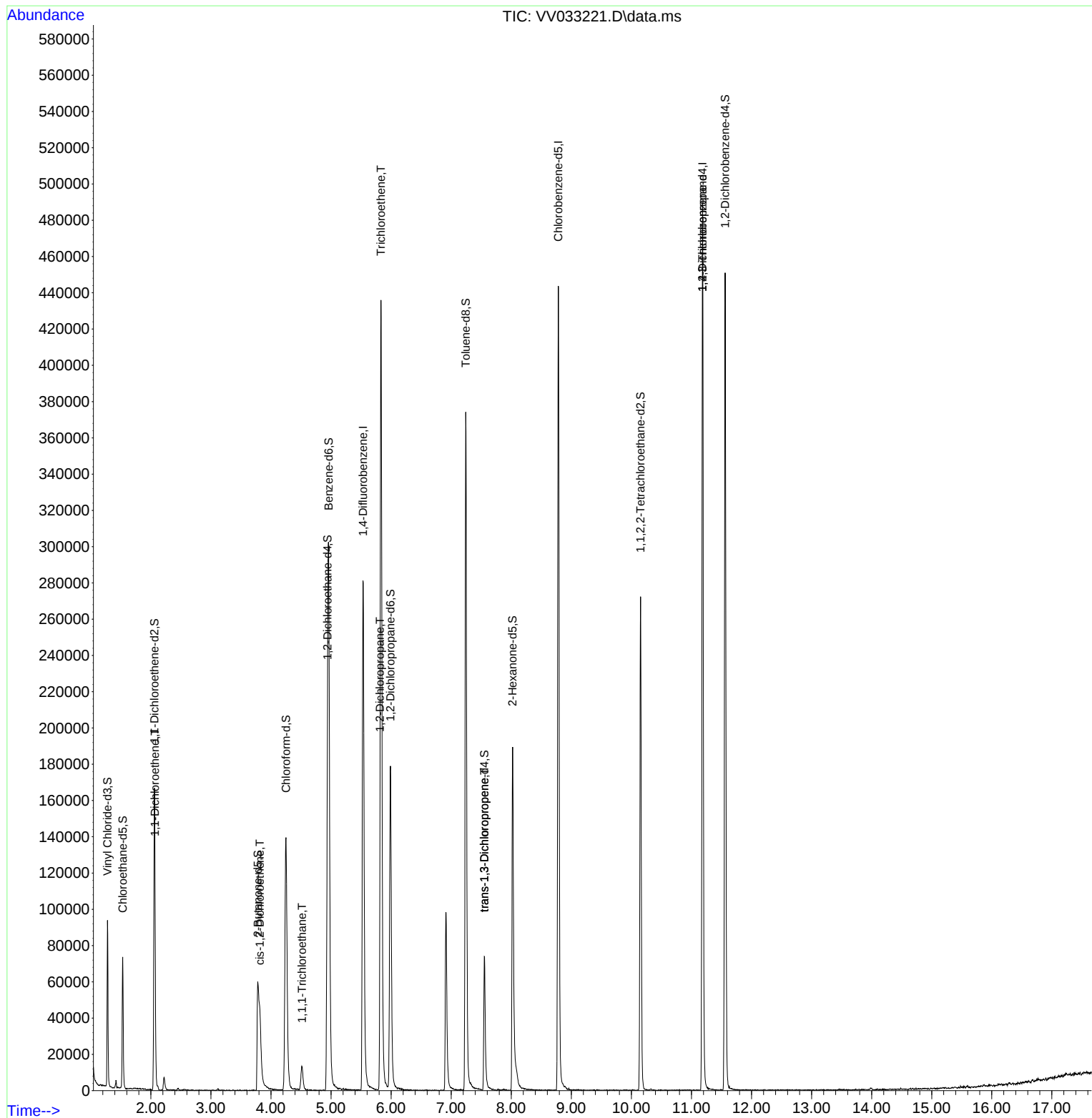
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	266187	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	261244	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57025	35.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.680%
7) Chloroethane-d5	1.532	69	46379	41.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.660%
11) 1,1-Dichloroethene-d2	2.060	65	24504	40.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.960%
21) 2-Butanone-d5	3.780	46	83365	105.479	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	4.249	84	152831	45.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	4.941	65	102135	48.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
32) Benzene-d6	4.960	84	277307	45.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
36) 1,2-Dichloropropane-d6	5.989	67	76944	46.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	7.243	98	256765	44.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.100%
43) trans-1,3-Dichloroprop...	7.551	79	43331	41.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.420%
47) 2-Hexanone-d5	8.021	63	66270	100.413	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.410%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	118605	50.788	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	124456	50.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.860%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	8621	6.460	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	17994	9.678	ug/L	89
30) 1,1,1-Trichloroethane	4.516	97	10798	3.344	ug/L #	73
34) Trichloroethene	5.831	95	146286	73.965	ug/L	97
37) 1,2-Dichloropropane	5.815	63	890	0.581	ug/L	97
44) trans-1,3-Dichloropropene	7.551	75	2112	0.751	ug/L	93
61) 1,2,3-Trichloropropane	11.185	75	12102	6.997	ug/L #	59

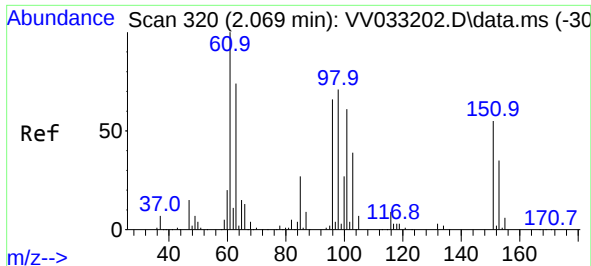
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.460 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033221.D

Acq: 11 Dec 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

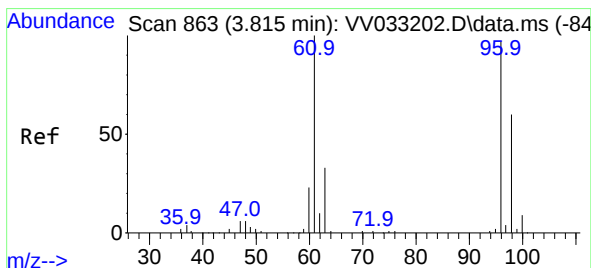
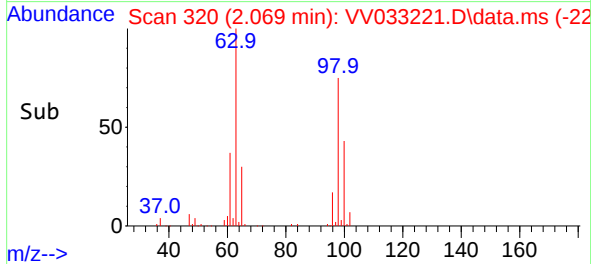
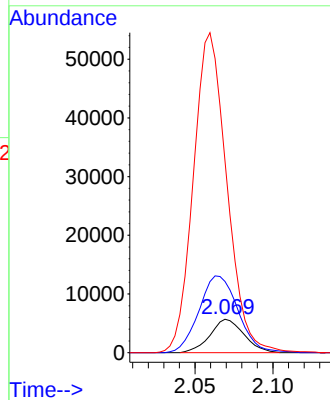
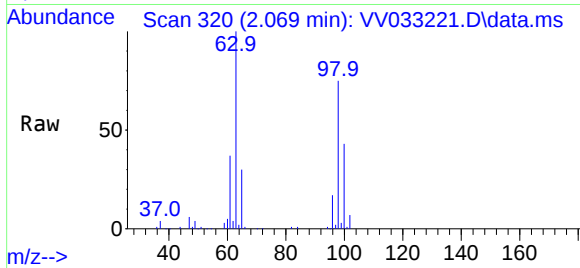
Tgt Ion: 96 Resp: 8621

Ion Ratio Lower Upper

96 100

61 212.7 109.1 202.7#

63 572.9 85.3 158.3#



#20

cis-1,2-Dichloroethene

Concen: 9.678 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033221.D

Acq: 11 Dec 2023 18:27

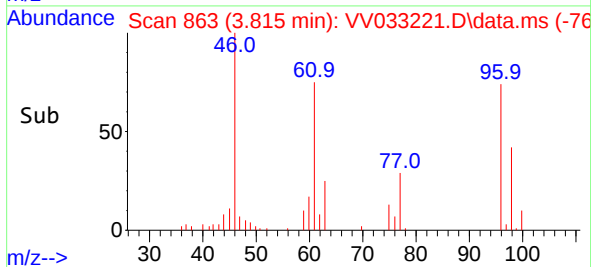
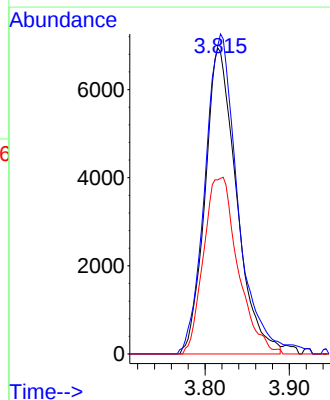
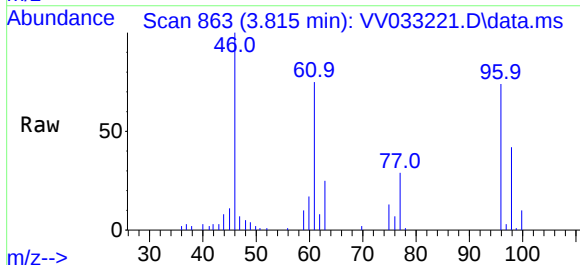
Tgt Ion: 96 Resp: 17994

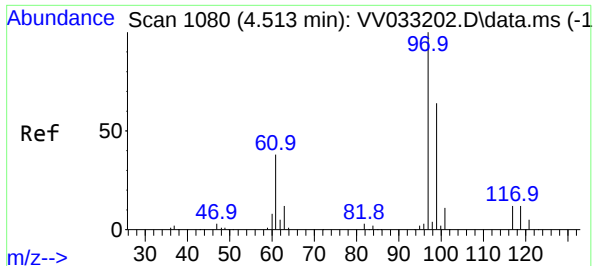
Ion Ratio Lower Upper

96 100

61 100.7 79.1 146.9

98 56.9 45.1 83.7





#30

1,1,1-Trichloroethane

Concen: 3.344 ug/L

RT: 4.516 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV033221.D

Acq: 11 Dec 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

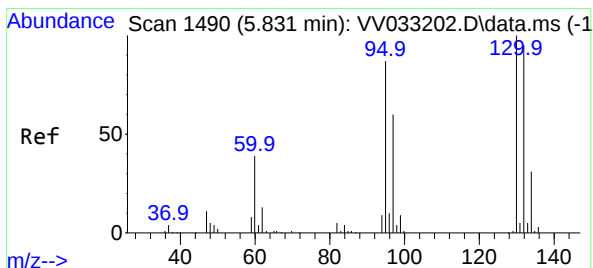
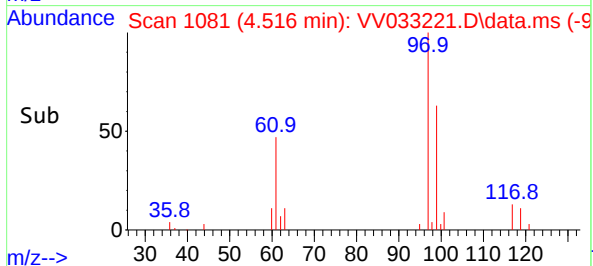
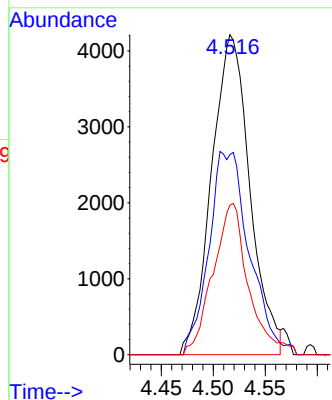
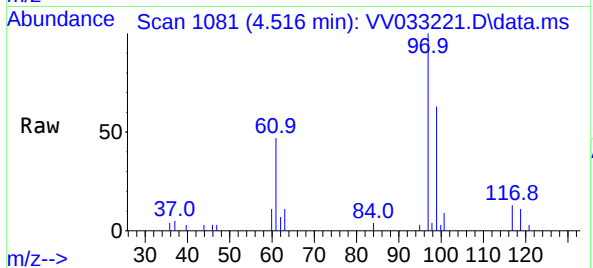
Tgt Ion: 97 Resp: 10798

Ion Ratio Lower Upper

97 100

99 31.5 51.3 76.9#

61 42.7 31.8 47.8



#34

Trichloroethene

Concen: 73.965 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV033221.D

Acq: 11 Dec 2023 18:27

Tgt Ion: 95 Resp: 146286

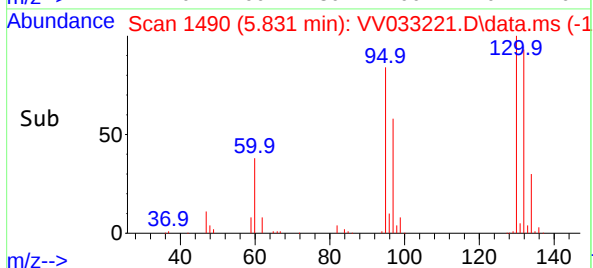
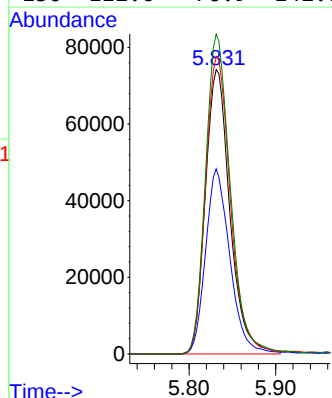
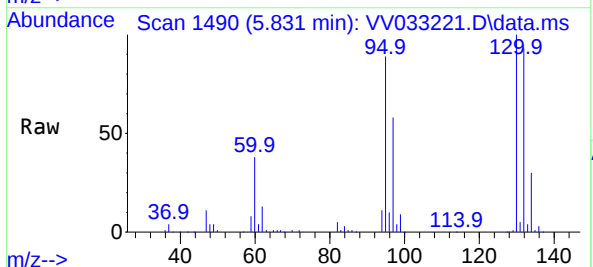
Ion Ratio Lower Upper

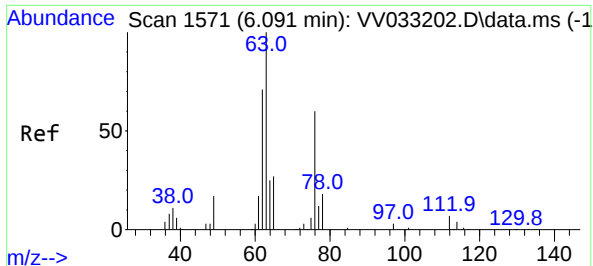
95 100

97 65.1 45.8 85.0

132 104.6 77.4 143.8

130 112.6 76.9 142.7

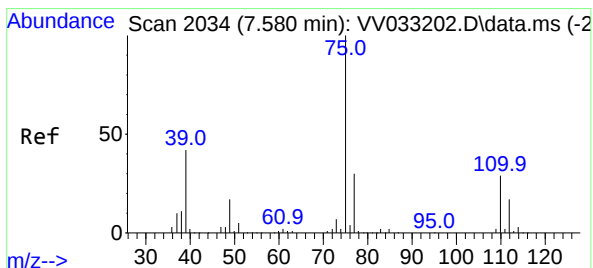
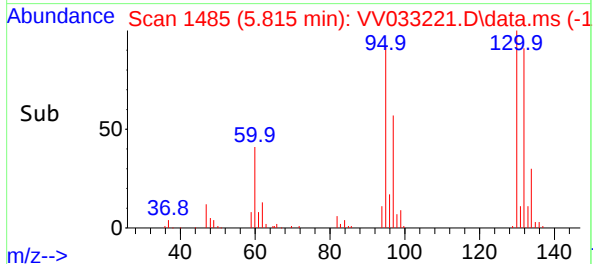
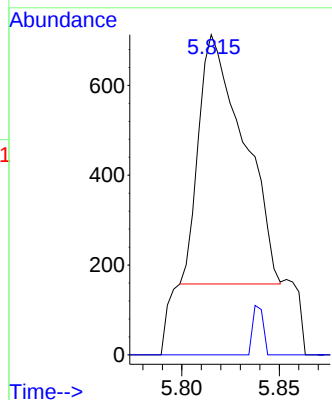
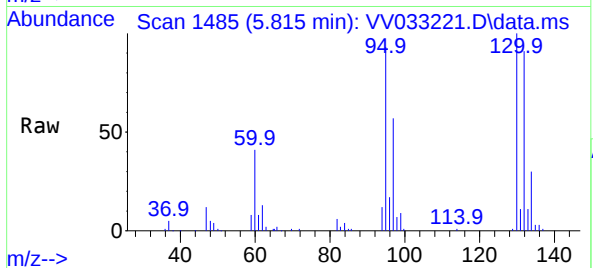




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 5.815 min Scan# 14
Delta R.T. -0.276 min
Lab File: VV033221.D
Acq: 11 Dec 2023 18:27

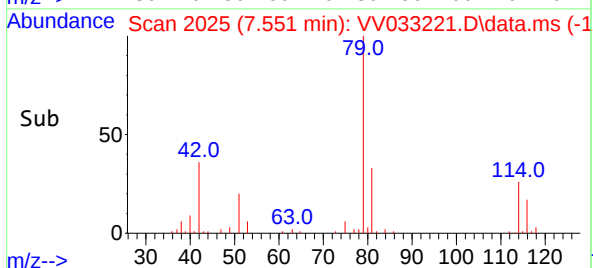
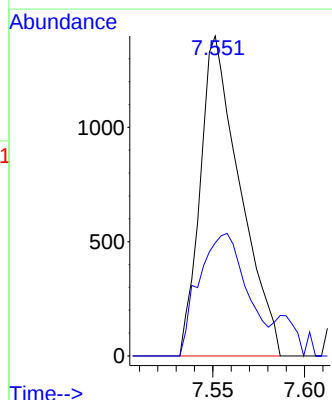
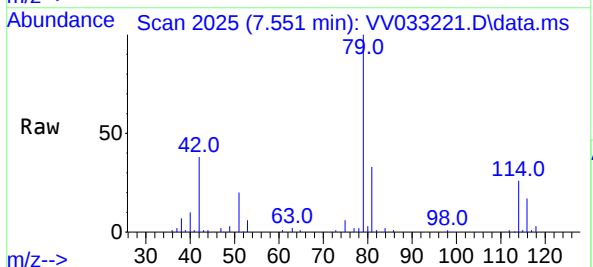
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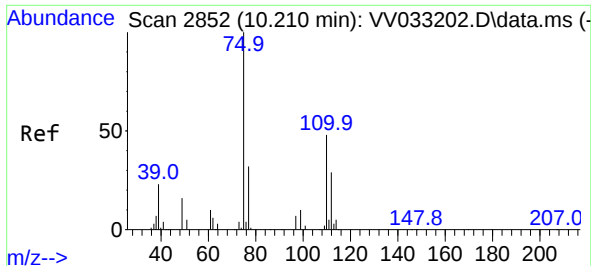
Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
112 4.6 4.6 6.8



#44
trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.029 min
Lab File: VV033221.D
Acq: 11 Dec 2023 18:27

Tgt Ion: 75 Resp: 2112
Ion Ratio Lower Upper
75 100
77 35.4 22.0 41.0





#61

1,2,3-Trichloropropane

Concen: 6.997 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

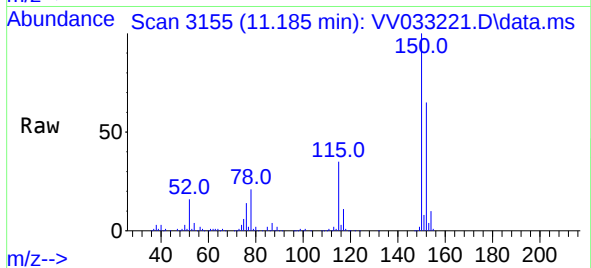
Lab File: VV033221.D

Acq: 11 Dec 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 12102

Ion Ratio Lower Upper

75 100

77 36.2 27.0 40.6

110 2.8 38.1 57.1#

