

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033196.D
 Acq On : 08 Dec 2023 17:25
 Operator : SY/MD
 Sample : 05689-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 22:02:37 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)

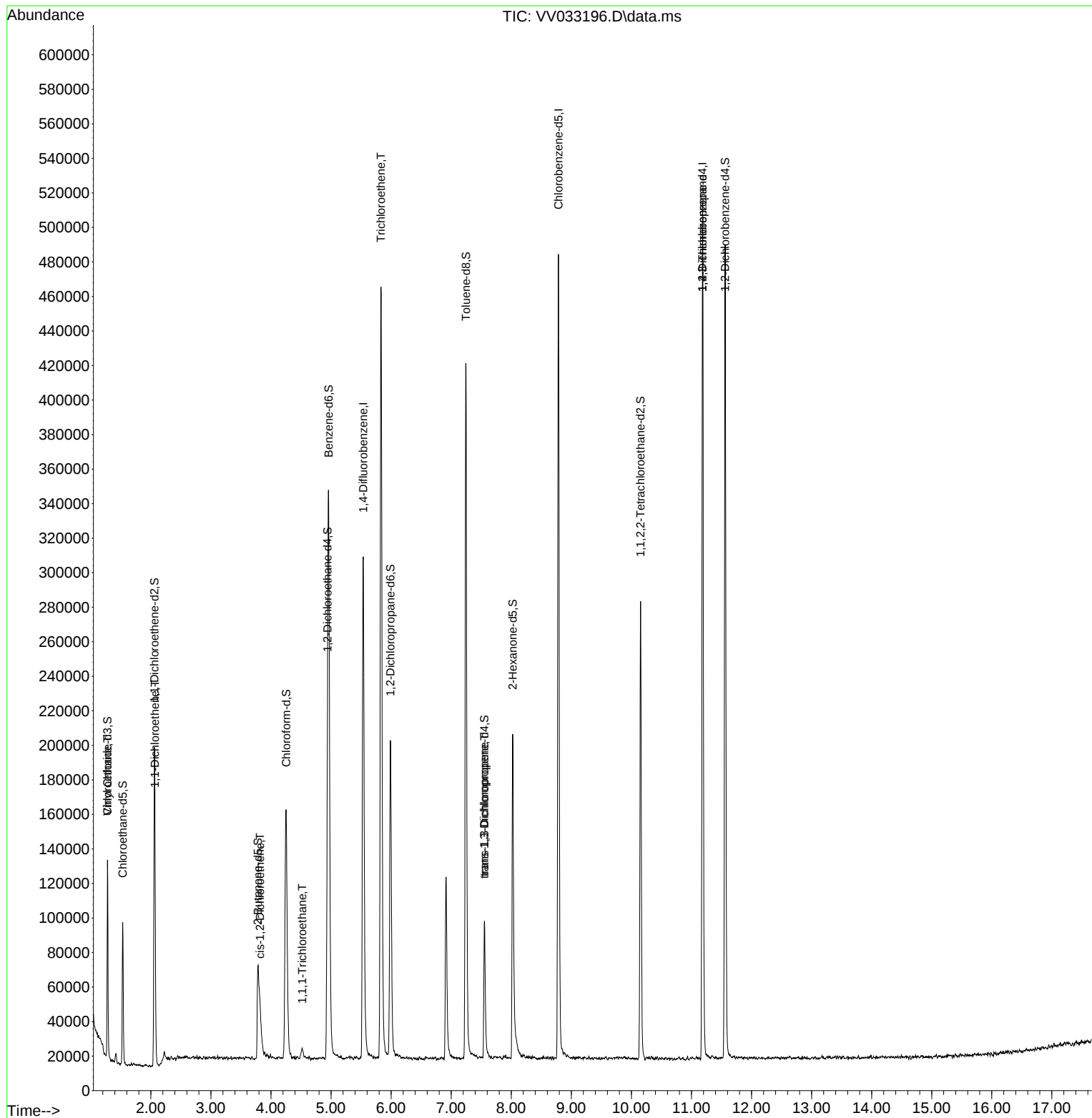
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	273713	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	270120	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140879	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66867	40.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.740%
7) Chloroethane-d5	1.532	69	51412	45.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.180%
11) 1,1-Dichloroethene-d2	2.060	65	27739	44.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
21) 2-Butanone-d5	3.780	46	76111	93.652	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.650%
24) Chloroform-d	4.252	84	159091	45.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	4.941	65	104409	48.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
32) Benzene-d6	4.960	84	298542	47.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	5.989	67	81079	47.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.460%
41) Toluene-d8	7.246	98	274351	45.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	7.555	79	46822	43.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.180%
47) 2-Hexanone-d5	8.024	63	64586	94.646	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.650%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112706	46.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	128938	51.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
8) Chloroethane	1.278	64	989	0.982	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	9237	6.731	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	10124	5.296	ug/L	91
30) 1,1,1-Trichloroethane	4.519	97	5695	1.706	ug/L #	90
34) Trichloroethene	5.831	95	149790	73.248	ug/L	97
44) trans-1,3-Dichloropropene	7.551	75	2634	0.906	ug/L	92
61) 1,2,3-Trichloropropane	11.185	75	12900	7.343	ug/L #	61

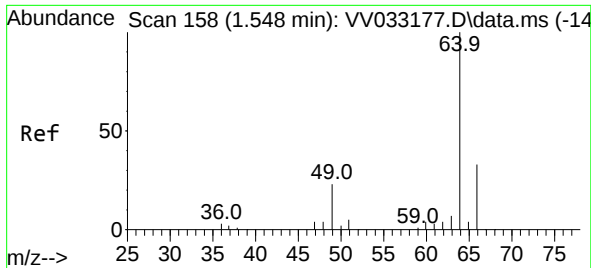
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.982 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min

Lab File: VV033196.D

Acq: 08 Dec 2023 17:25

Instrument :

MSVOA_V

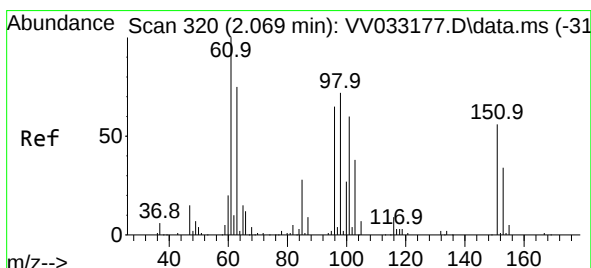
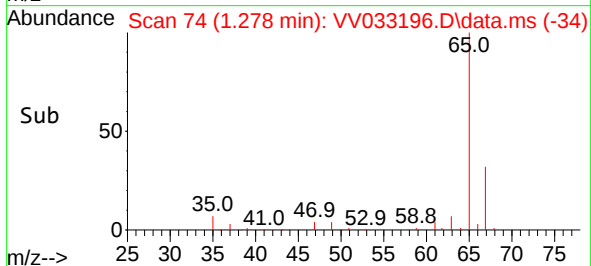
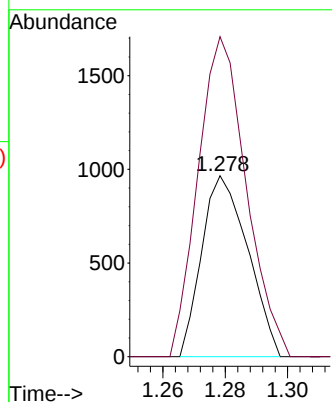
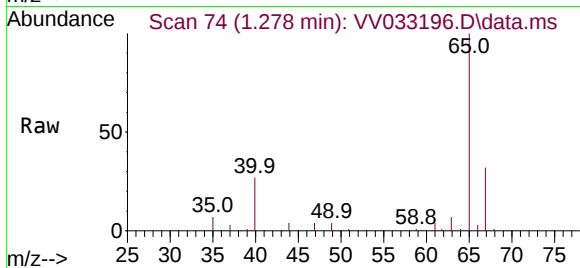
ClientSampleId :

Tgt Ion: 64 Resp: 989

Ion Ratio Lower Upper

64 100

66 176.8 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 6.731 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033196.D

Acq: 08 Dec 2023 17:25

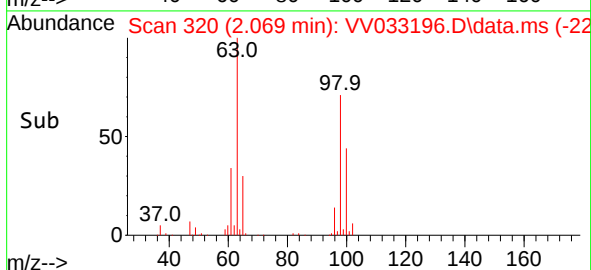
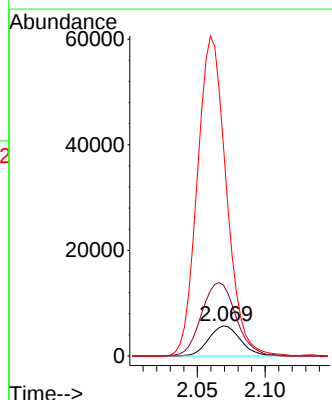
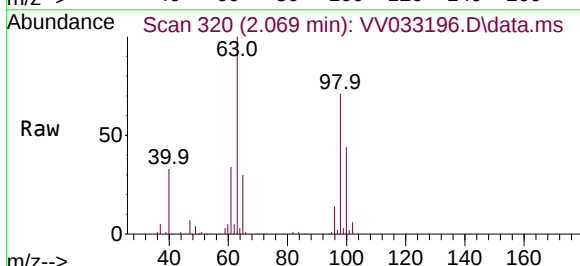
Tgt Ion: 96 Resp: 9237

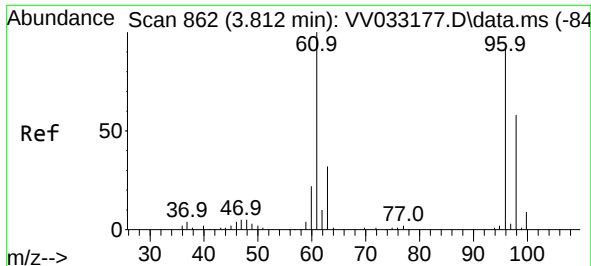
Ion Ratio Lower Upper

96 100

61 235.0 109.1 202.7#

63 692.9 85.3 158.3#





#20

cis-1,2-Dichloroethene

Concen: 5.296 ug/L

RT: 3.818 min Scan# 80

Delta R.T. 0.006 min

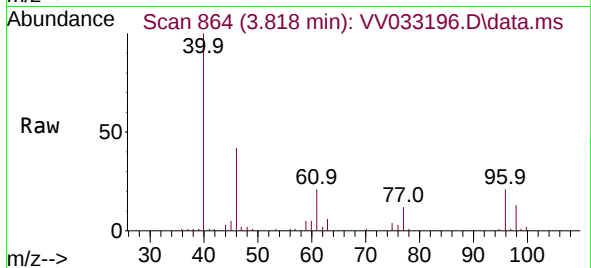
Lab File: VV033196.D

Acq: 08 Dec 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :



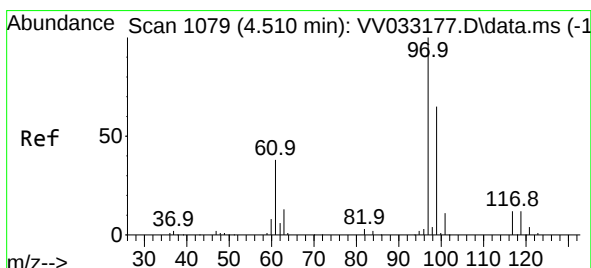
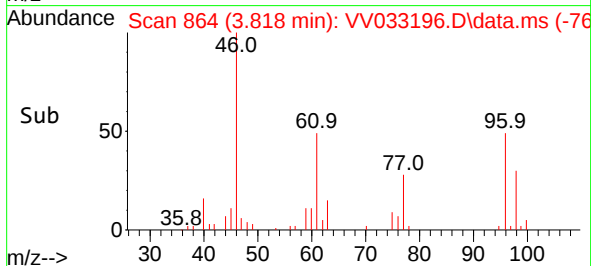
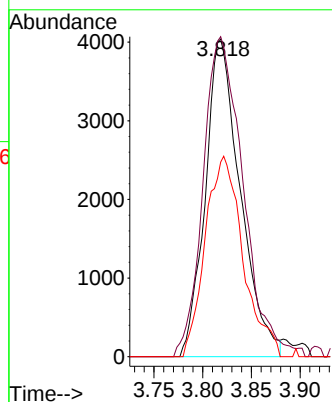
Tgt Ion: 96 Resp: 10124

Ion Ratio Lower Upper

96 100

61 100.7 79.1 146.9

98 61.2 45.1 83.7



#30

1,1,1-Trichloroethane

Concen: 1.706 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.010 min

Lab File: VV033196.D

Acq: 08 Dec 2023 17:25

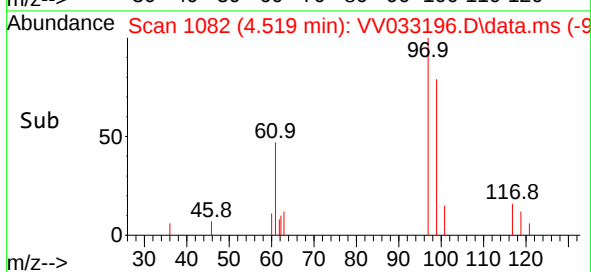
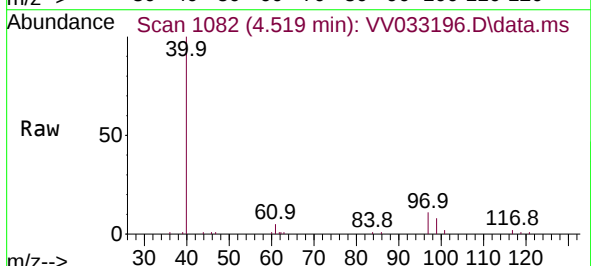
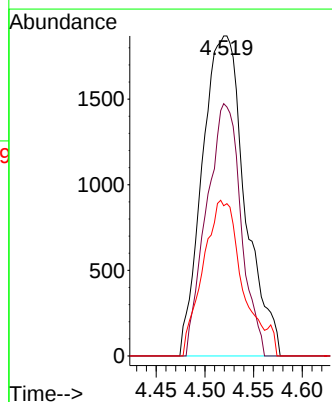
Tgt Ion: 97 Resp: 5695

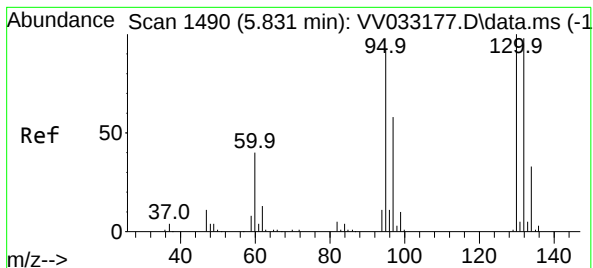
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 24.5 31.8 47.8#





#34

Trichloroethene

Concen: 73.248 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

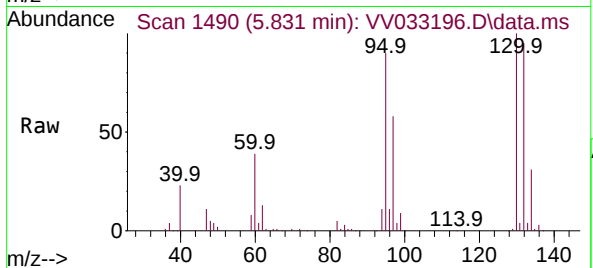
Lab File: VV033196.D

Acq: 08 Dec 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 149790

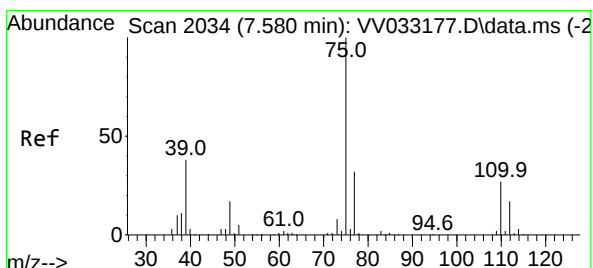
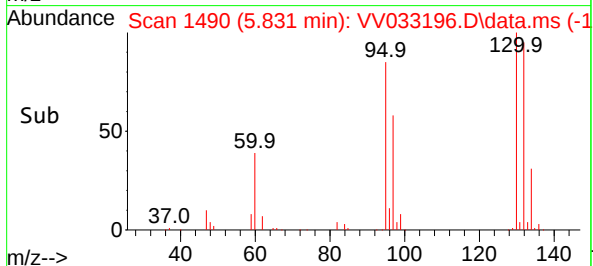
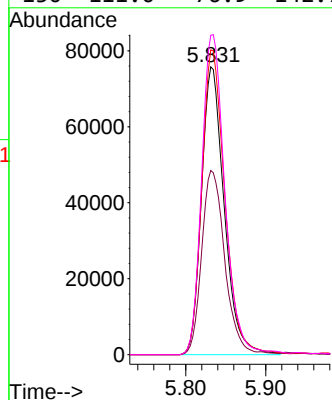
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.0

132 105.9 77.4 143.8

130 111.0 76.9 142.7



#44

trans-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033196.D

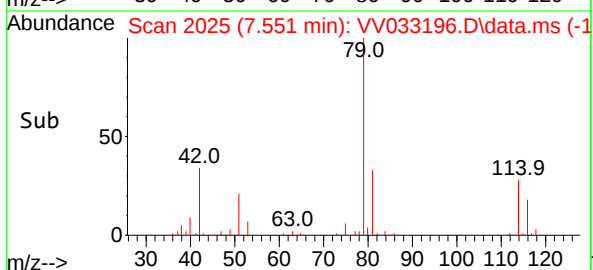
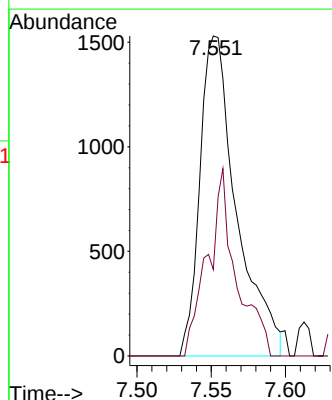
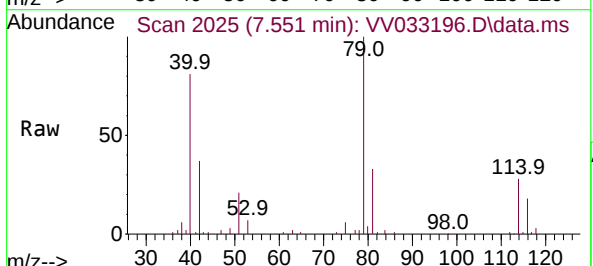
Acq: 08 Dec 2023 17:25

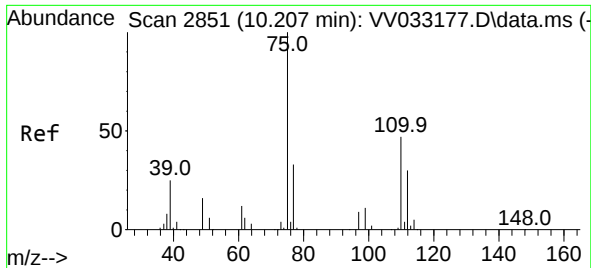
Tgt Ion: 75 Resp: 2634

Ion Ratio Lower Upper

75 100

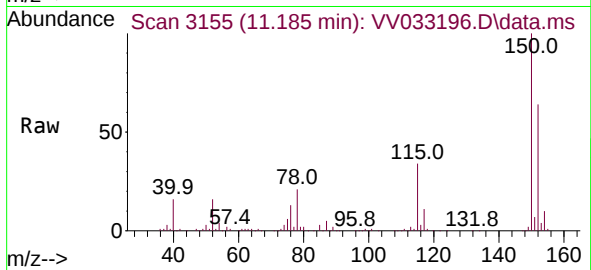
77 27.0 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 7.343 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV033196.D
 Acq: 08 Dec 2023 17:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	12900
Ion	Ratio	Lower Upper
75	100	
77	35.1	27.0 40.6
110	3.8	38.1 57.1#

