

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101223\
 Data File : VW032411.D
 Acq On : 12 Oct 2023 12:59
 Operator : SY/MD
 Sample : 04851-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 22:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 22:36:28 2023
 Response via : Initial Calibration

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

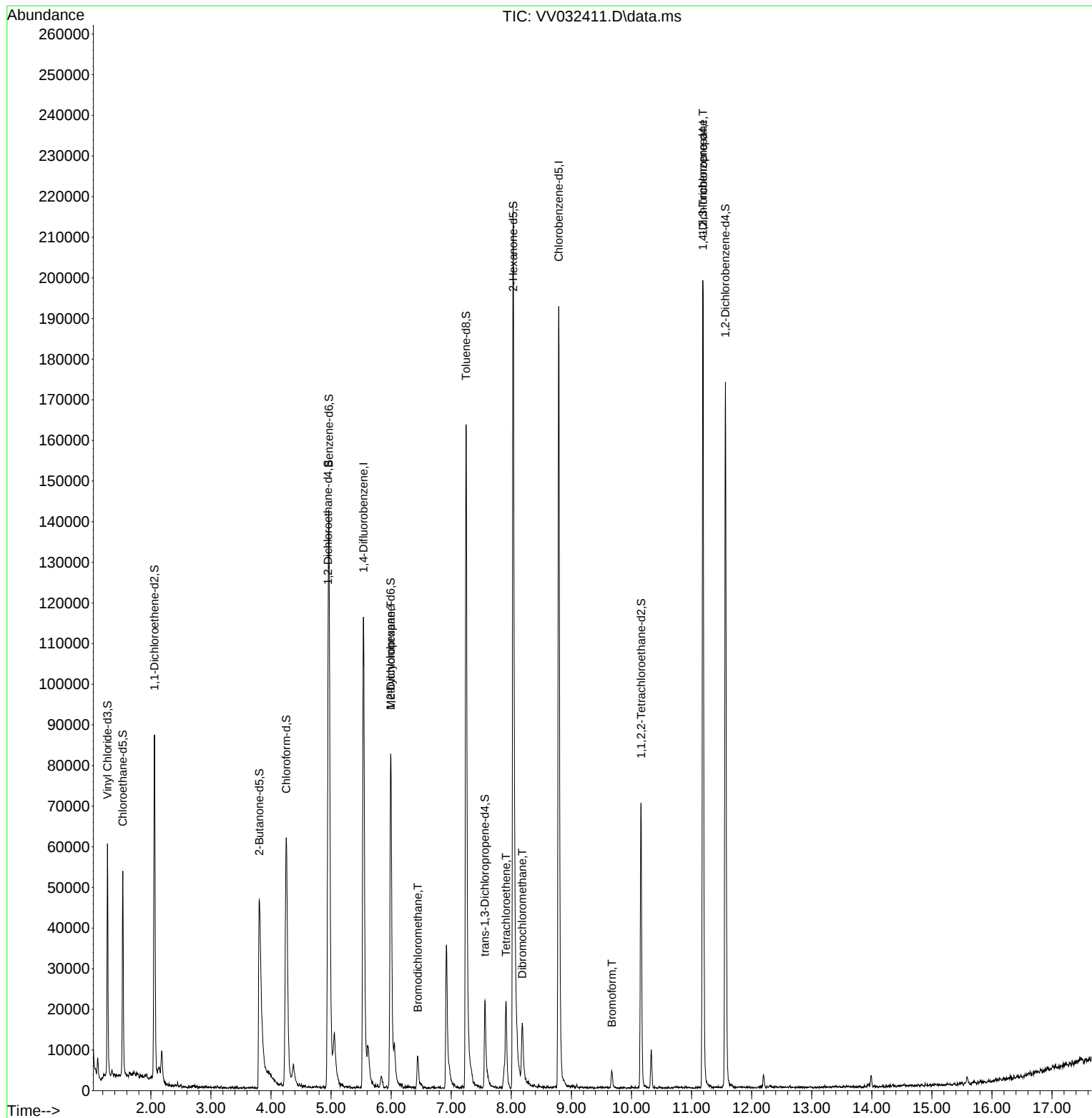
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	102204	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	51883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36894	4.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.532	69	32216	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.060	65	14550	4.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.806	46	95090	45.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.440%
24) Chloroform-d	4.253	84	67195	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	32905	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	4.963	84	129201	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	5.992	67	42106	3.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.246	98	118080	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.561	79	14107	3.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.031	63	81859	45.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35027	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44076	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.992	83	9951	0.598	ug/L #	18
38) Bromodichloromethane	6.442	83	6429	0.514	ug/L	99
47) Tetrachloroethene	7.912	164	5187	0.636	ug/L	95
49) Dibromochloromethane	8.182	129	7375	0.954	ug/L	97
59) Bromoform	9.674	173	1894	0.502	ug/L #	97
61) 1,2,3-Trichloropropane	11.188	75	6497	1.177	ug/L #	68

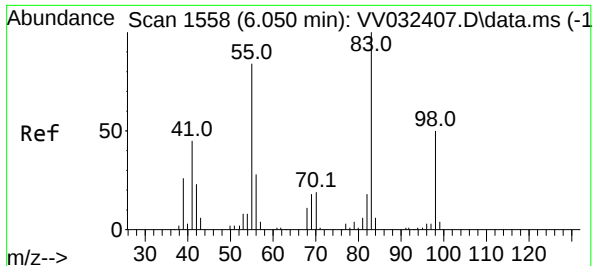
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 12 22:36:28 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032411.D

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Instrument :

MSVOA_V

ClientSampleId :

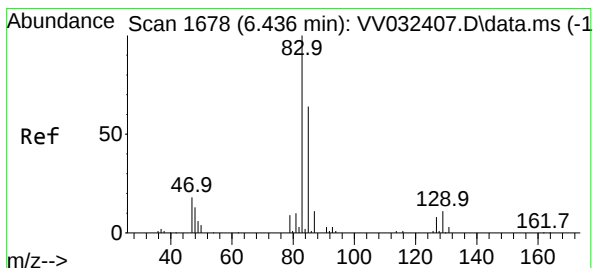
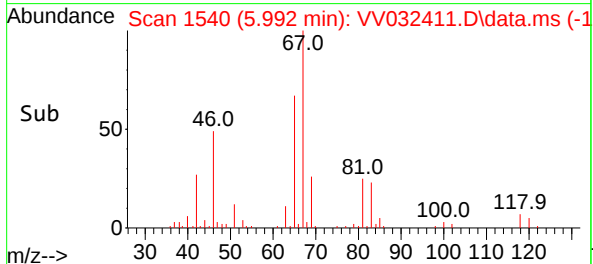
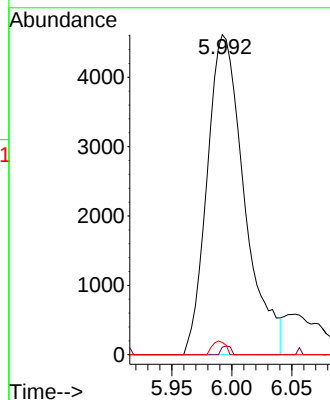
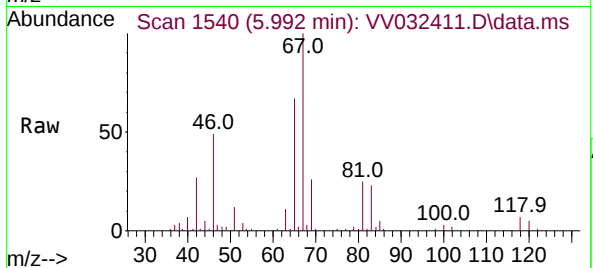
Tgt Ion: 83 Resp: 9951

Ion Ratio Lower Upper

83 100

55 0.7 64.2 96.2#

98 1.5 39.6 59.4#



#38

Bromodichloromethane

Concen: 0.514 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.007 min

Lab File: VV032411.D

Acq: 12 Oct 2023 12:59

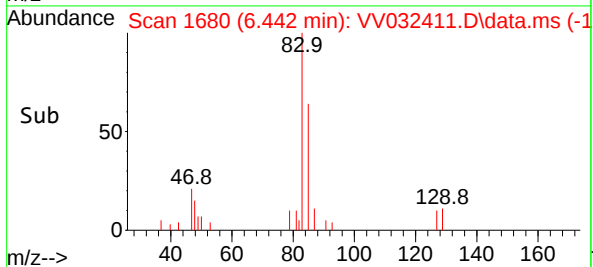
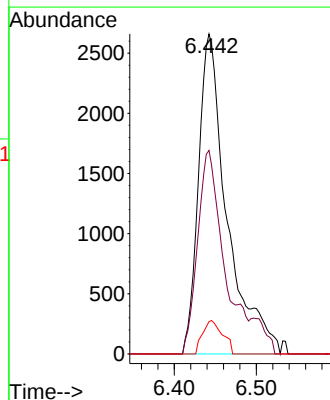
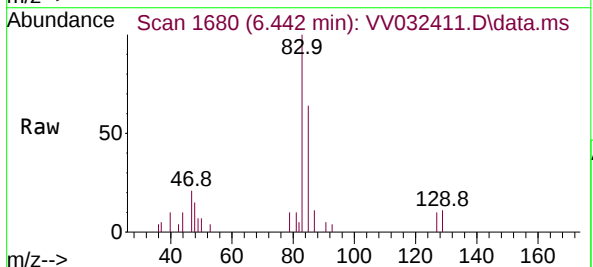
Tgt Ion: 83 Resp: 6429

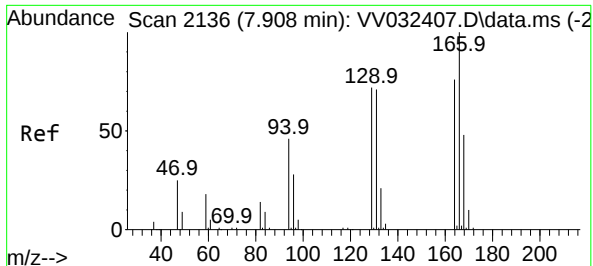
Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.3

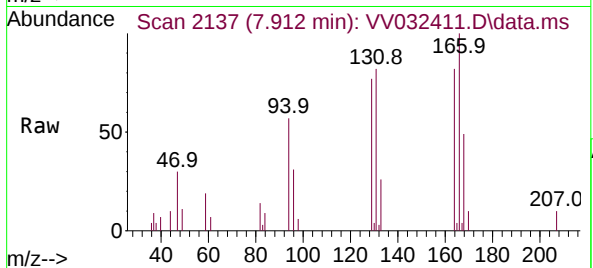
127 10.1 6.9 10.3



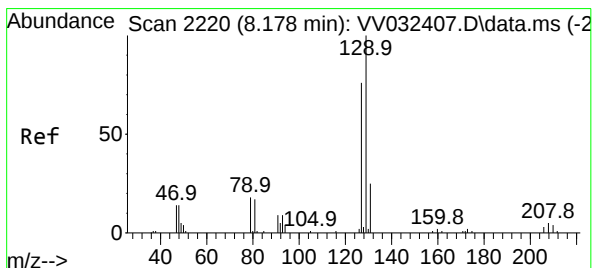
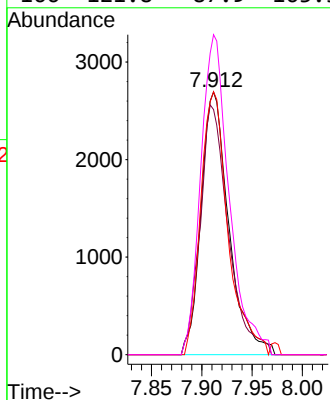
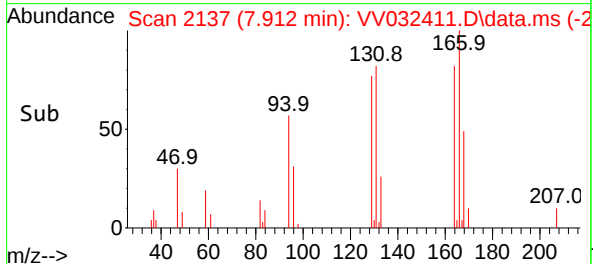


#47
Tetrachloroethene
Concen: 0.636 ug/L
RT: 7.912 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032411.D
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Instrument :
MSVOA_V
ClientSampleId :

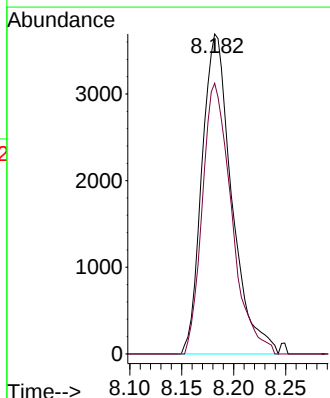
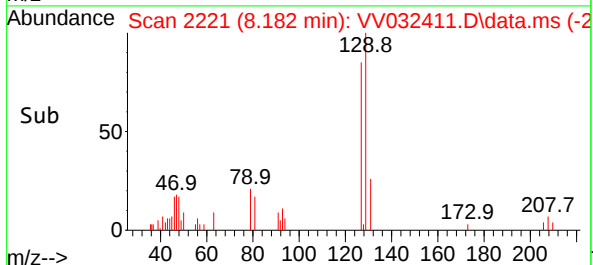
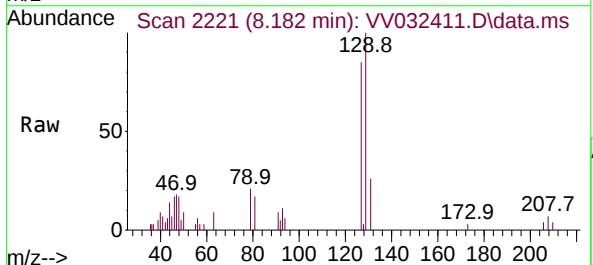


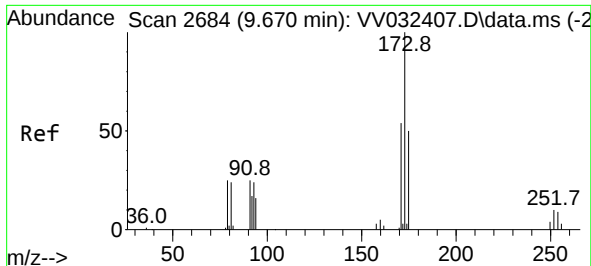
Tgt Ion:164 Resp: 5187
Ion Ratio Lower Upper
164 100
129 93.3 66.4 123.4
131 100.0 63.7 118.3
166 121.8 87.9 163.3



#49
Dibromochloromethane
Concen: 0.954 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032411.D
Acq: 12 Oct 2023 12:59

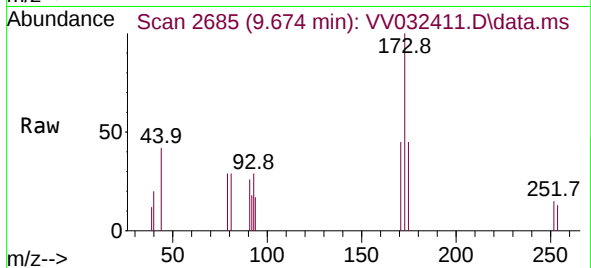
Tgt Ion:129 Resp: 7375
Ion Ratio Lower Upper
129 100
127 84.6 57.2 106.2



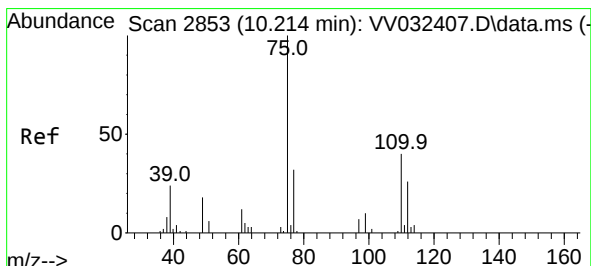
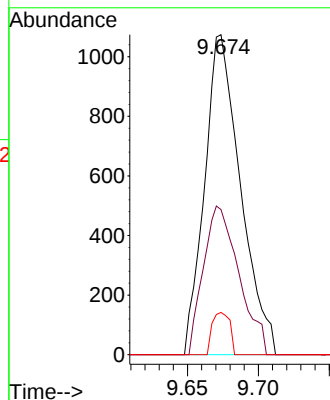
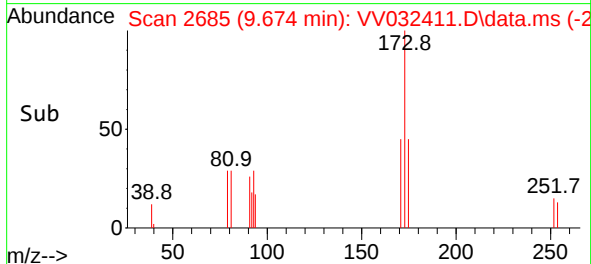


#59
Bromoform
Concen: 0.502 ug/L
RT: 9.674 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032411.D
Acq: 12 Oct 2023 12:59

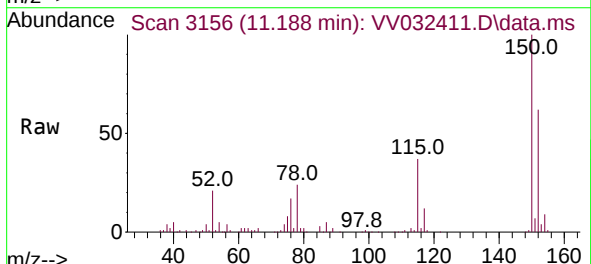
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Tgt Ion:173 Resp: 1894
Ion Ratio Lower Upper
173 100
175 45.9 38.2 57.2
254 6.4 7.0 10.4#



#61
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032411.D
Acq: 12 Oct 2023 12:59



Tgt Ion: 75 Resp: 6497
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 3.0 30.6 46.0#

