

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101223\
 Data File : VV032412.D
 Acq On : 12 Oct 2023 13:21
 Operator : SY/MD
 Sample : 04851-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 22:37:50 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

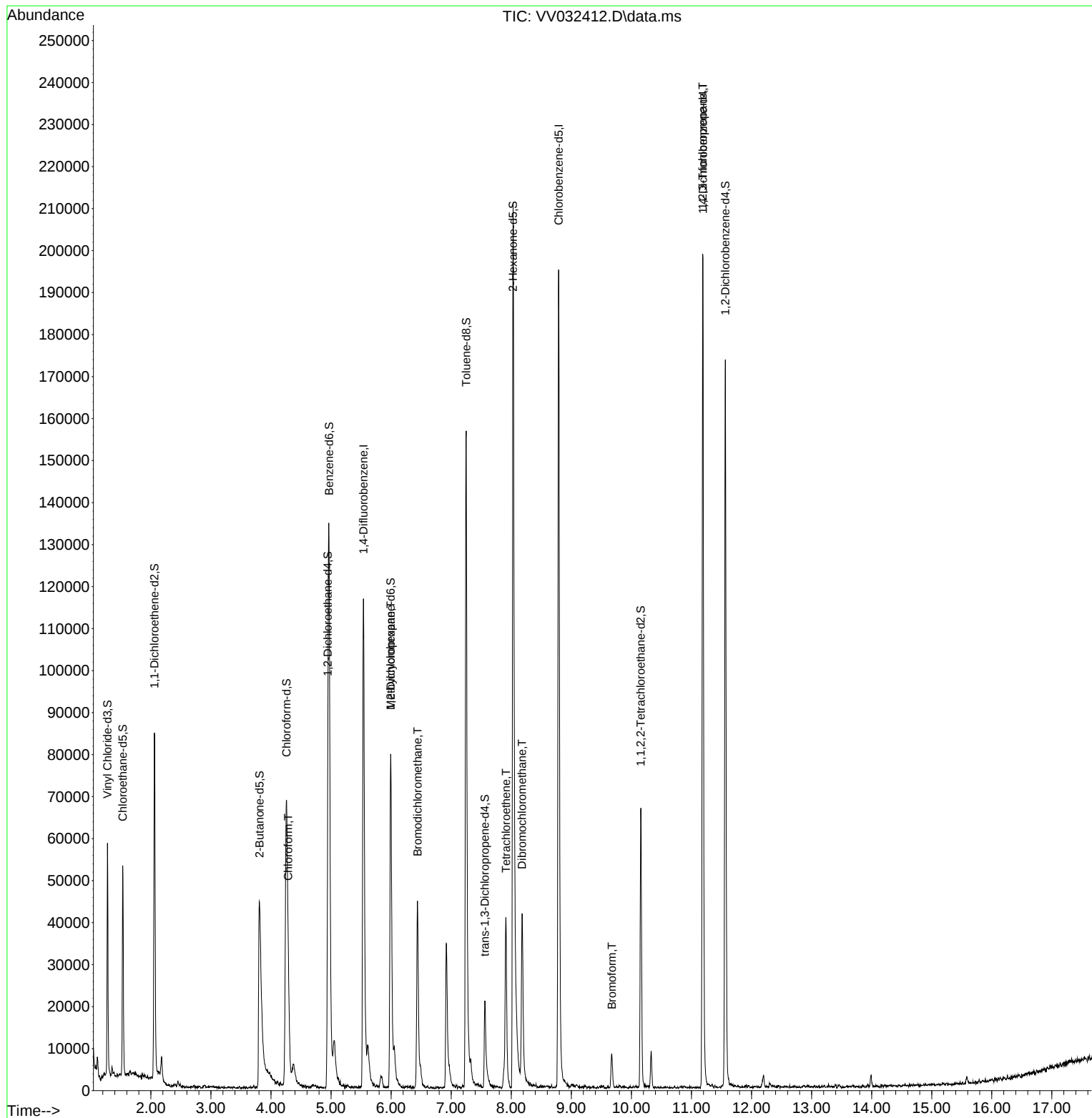
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	101502	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	51916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35295	4.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	31173	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.060	65	14458	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.809	46	90365	43.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.540%
24) Chloroform-d	4.256	84	66936	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.947	65	31995	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.966	84	121122	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	5.992	67	41722	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.249	98	113789	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.561	79	14605	3.799	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.030	63	78003	43.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33333	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43519	4.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
25) Chloroform	4.285	83	25181	1.600	ug/L	99
35) Methylcyclohexane	5.992	83	9763	0.590	ug/L #	17
38) Bromodichloromethane	6.439	83	33720	2.708	ug/L	98
47) Tetrachloroethene	7.911	164	9507	1.172	ug/L	89
49) Dibromochloromethane	8.181	129	22217	2.887	ug/L	98
59) Bromoform	9.673	173	3993	1.058	ug/L	100
61) 1,2,3-Trichloropropane	11.188	75	6438	1.165	ug/L #	65

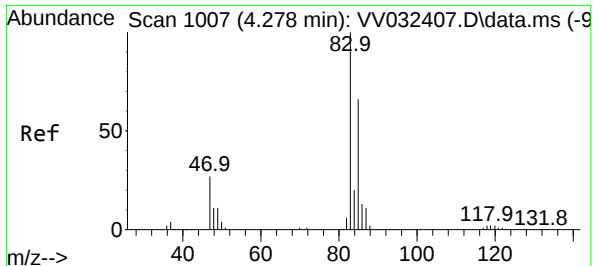
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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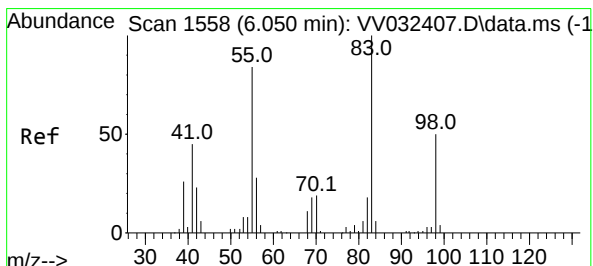
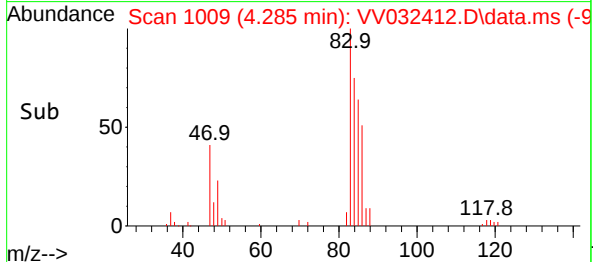
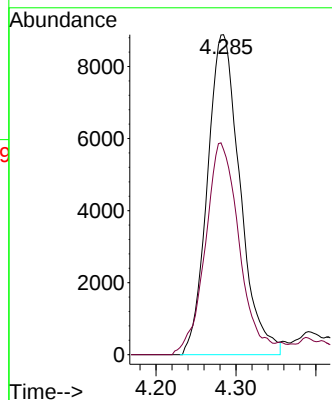
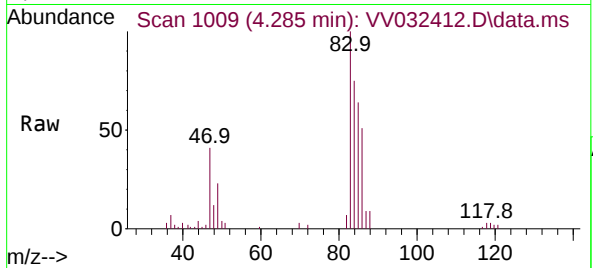




#25
Chloroform
Concen: 1.600 ug/L
RT: 4.285 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV032412.D
Acq: 12 Oct 2023 13:21

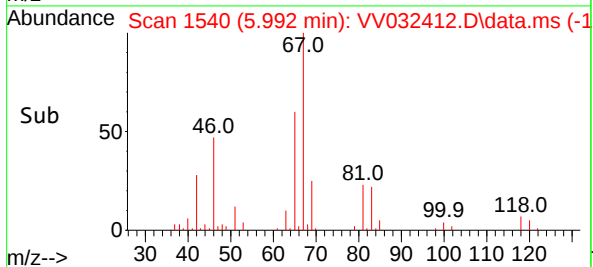
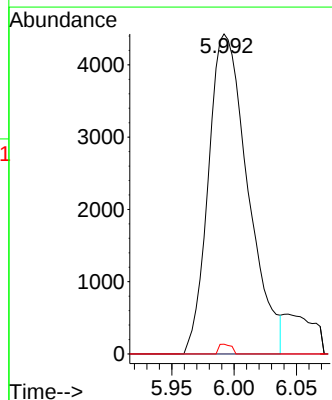
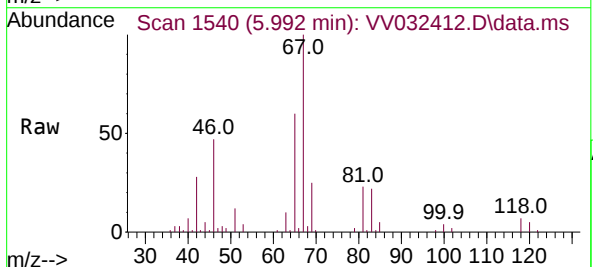
Instrument :
MSVOA_V
ClientSampleId :

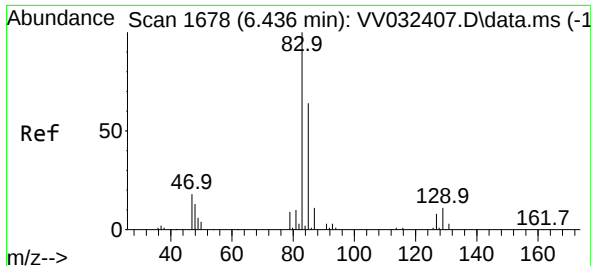
Tgt Ion: 83 Resp: 25181
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4



#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV032412.D
Acq: 12 Oct 2023 13:21

Tgt Ion: 83 Resp: 9763
Ion Ratio Lower Upper
83 100
55 0.0 64.2 96.2#
98 1.0 39.6 59.4#

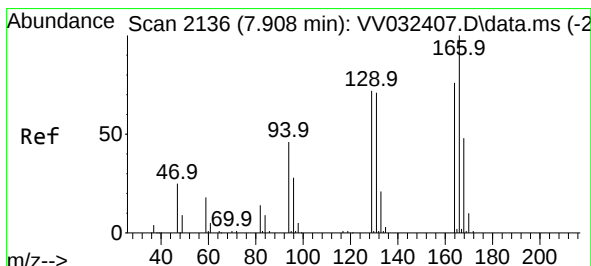
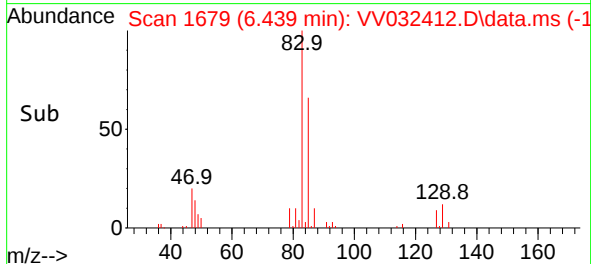
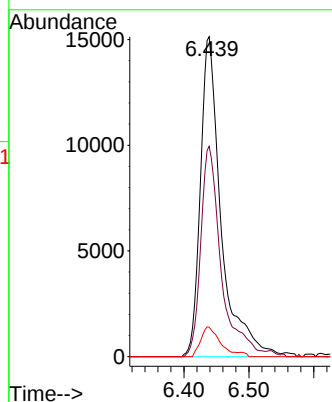
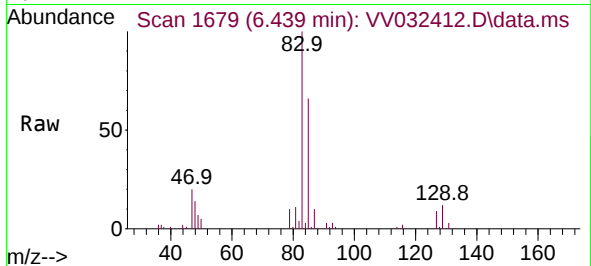




#38
Bromodichloromethane
Concen: 2.708 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032412.D
Acq: 12 Oct 2023 13:21

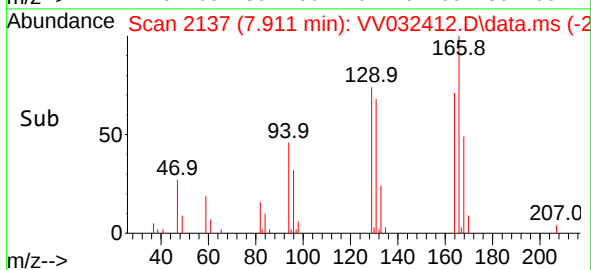
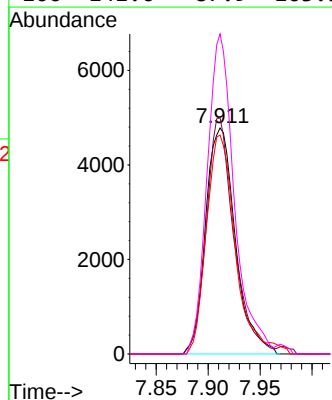
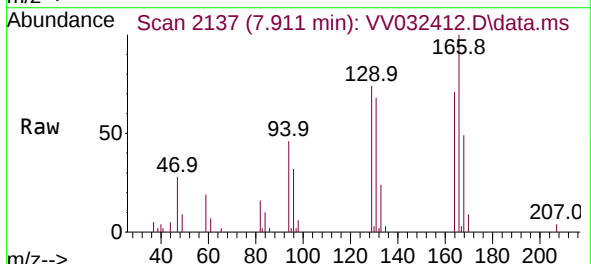
Instrument :
MSVOA_V
ClientSampleId :

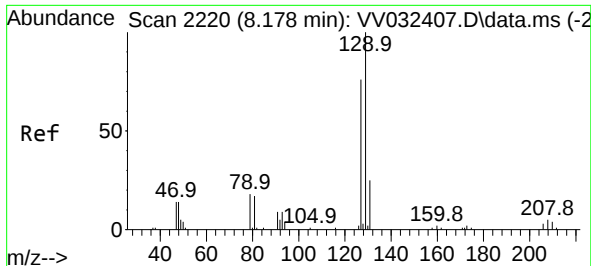
Tgt Ion: 83 Resp: 33720
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.3
127 9.2 6.9 10.3



#47
Tetrachloroethene
Concen: 1.172 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032412.D
Acq: 12 Oct 2023 13:21

Tgt Ion:164 Resp: 9507
Ion Ratio Lower Upper
164 100
129 104.6 66.4 123.4
131 96.9 63.7 118.3
166 141.6 87.9 163.3





#49

Dibromochloromethane

Concen: 2.887 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032412.D

Acq: 12 Oct 2023 13:21

Instrument :

MSVOA_V

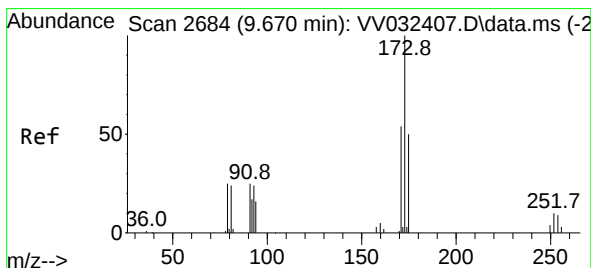
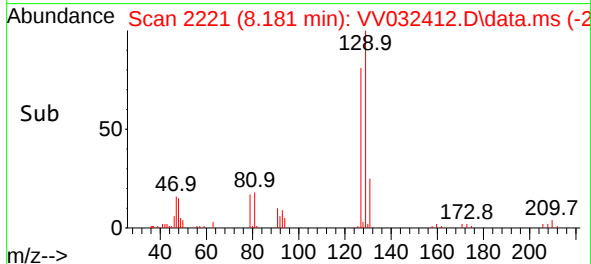
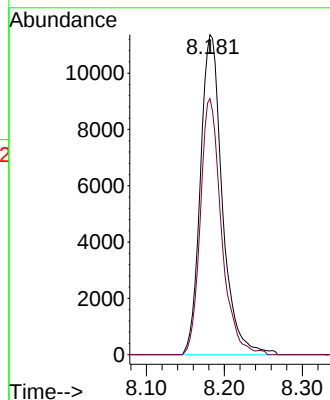
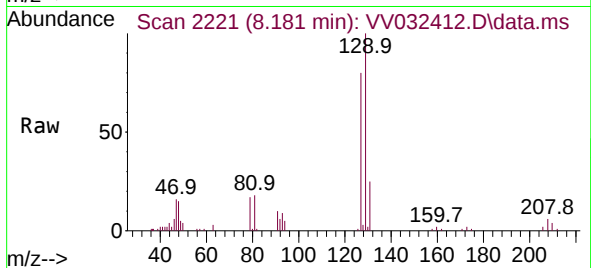
ClientSampleId :

Tgt Ion:129 Resp: 22217

Ion Ratio Lower Upper

129 100

127 80.0 57.2 106.2



#59

Bromoform

Concen: 1.058 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032412.D

Acq: 12 Oct 2023 13:21

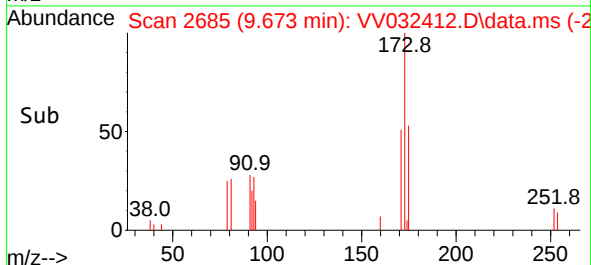
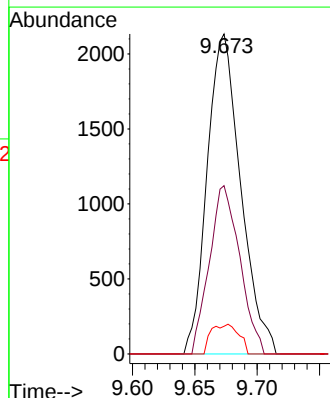
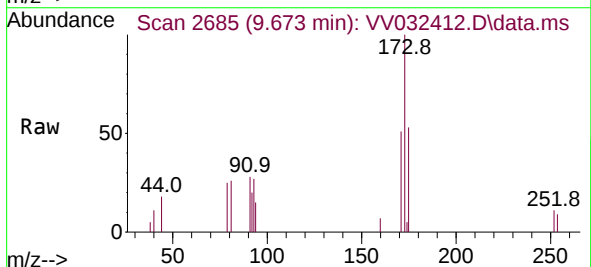
Tgt Ion:173 Resp: 3993

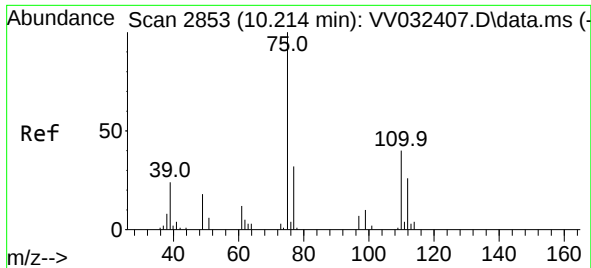
Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

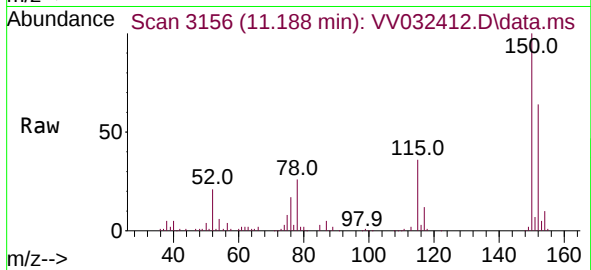
254 7.7 7.0 10.4





#61
1,2,3-Trichloropropane
Concen: 1.165 ug/L
RT: 11.188 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV032412.D
Acq: 12 Oct 2023 13:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 6438
Ion Ratio Lower Upper
75 100
77 36.1 26.2 39.2
110 2.0 30.6 46.0#

