

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100523\
 Data File : VV032274.D
 Acq On : 05 Oct 2023 23:01
 Operator : SY/MD
 Sample : 04741-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

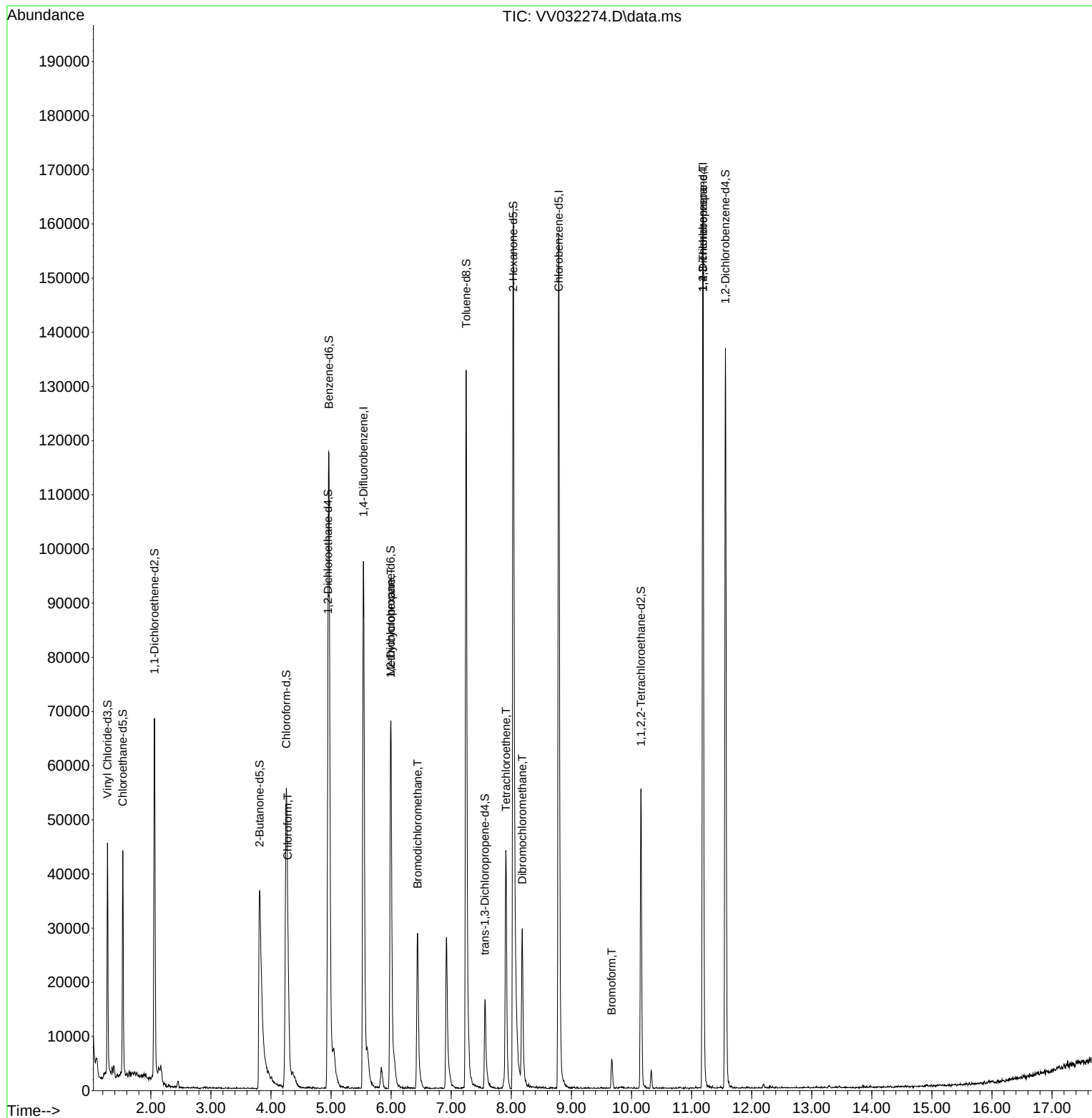
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86034	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27542	3.936	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.532	69	26224	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.060	65	11281	3.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.809	46	83097	46.947	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	4.253	84	56084	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	27737	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	4.963	84	107633	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.992	67	39249	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.249	98	94719	3.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.561	79	12102	3.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.031	63	60421	40.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27900	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	36092	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
25) Chloroform	4.278	83	16681	1.250	ug/L	97
35) Methylcyclohexane	5.995	83	9098	0.658	ug/L #	16
38) Bromodichloromethane	6.439	83	22231	2.139	ug/L	97
47) Tetrachloroethene	7.912	164	10508	1.552	ug/L	99
49) Dibromochloromethane	8.182	129	15374	2.393	ug/L	96
59) Bromoform	9.670	173	2794	0.899	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	5142	1.130	ug/L #	66

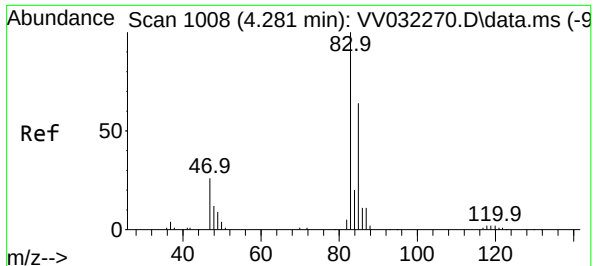
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 06 05:25:10 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 1.250 ug/L

RT: 4.278 min Scan# 1

Delta R.T. -0.003 min

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Acq: 05 Oct 2023 23:01

Instrument :

MSVOA_V

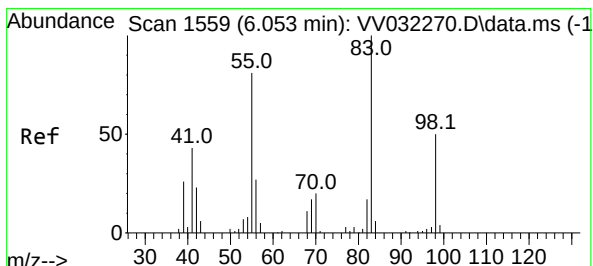
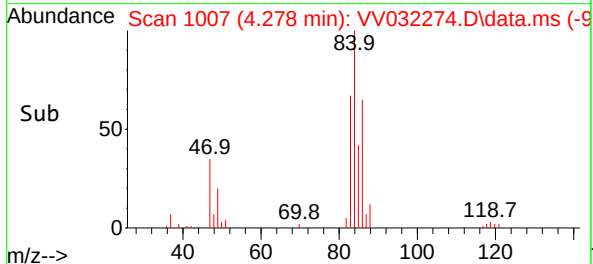
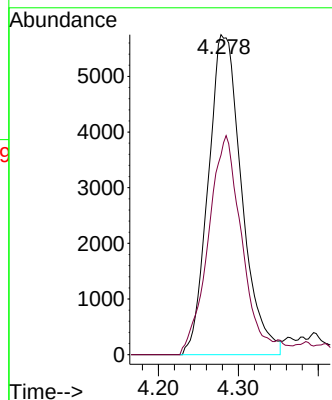
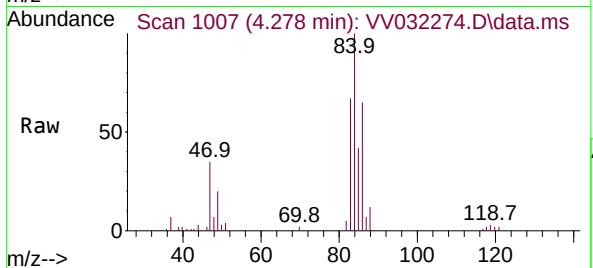
ClientSampleId :

Tgt Ion: 83 Resp: 16681

Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.4



#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV032274.D

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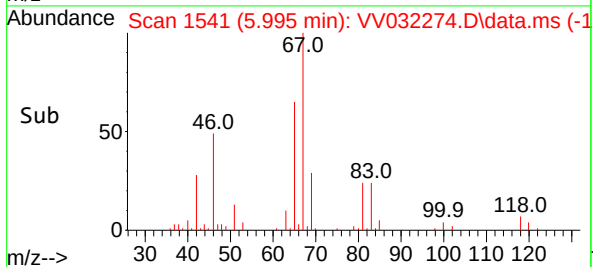
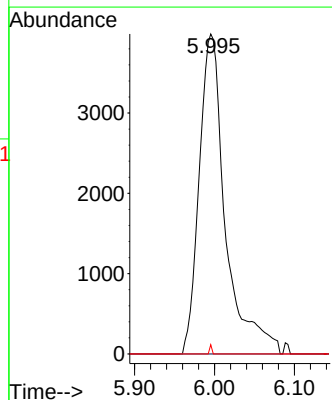
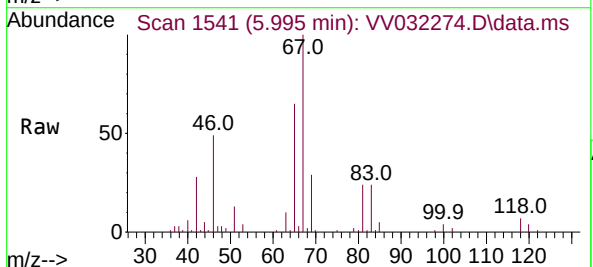
Tgt Ion: 83 Resp: 9098

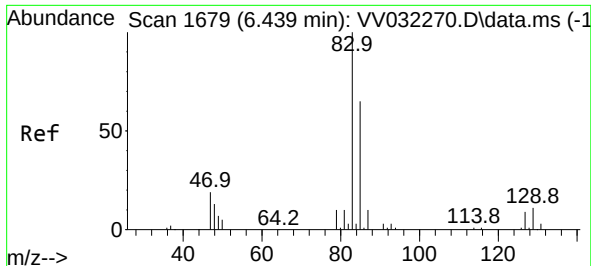
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

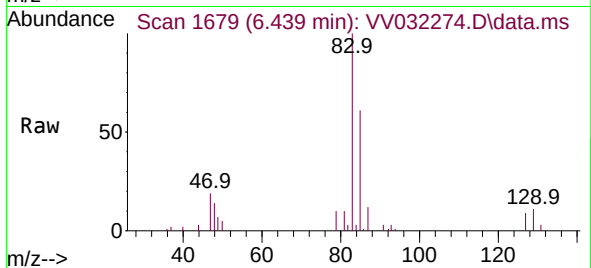
98 0.2 39.6 59.4#



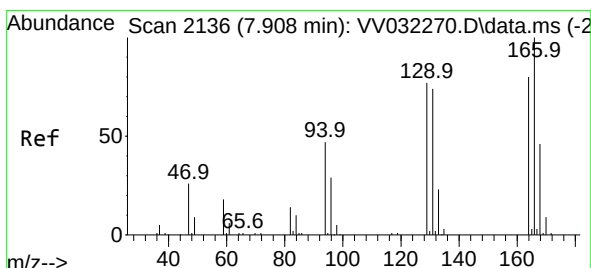
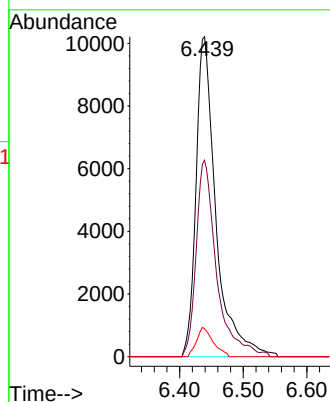
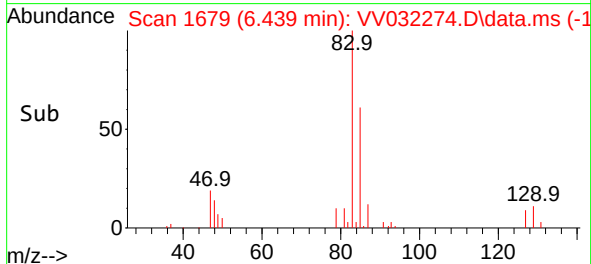


#38
Bromodichloromethane
Concen: 2.139 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032274.D
Acq: 05 Oct 2023 23:01

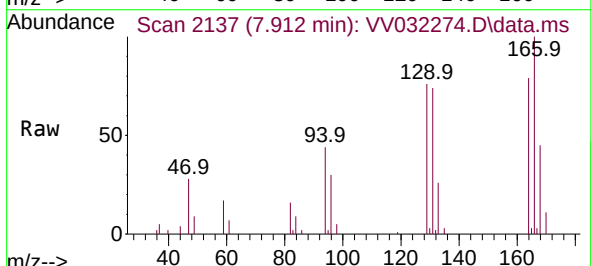
Instrument :
MSVOA_V
ClientSampleId :



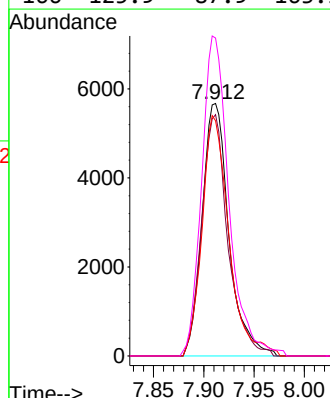
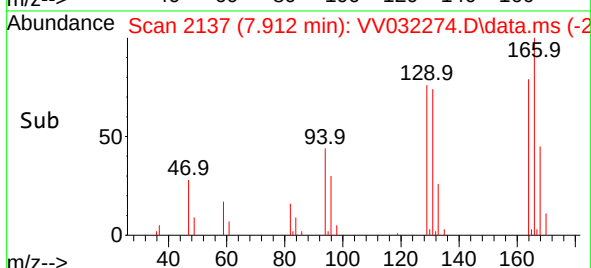
Tgt Ion: 83 Resp: 22231
Ion Ratio Lower Upper
83 100
85 61.4 44.9 83.3
127 8.8 6.9 10.3

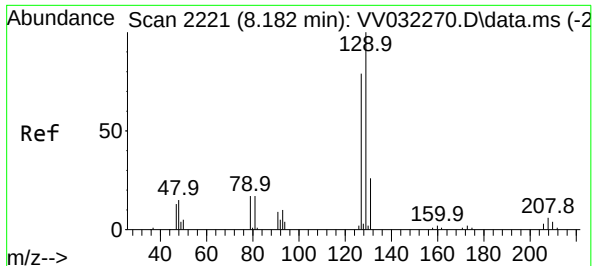


#47
Tetrachloroethene
Concen: 1.552 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032274.D
Acq: 05 Oct 2023 23:01



Tgt Ion: 164 Resp: 10508
Ion Ratio Lower Upper
164 100
129 95.6 66.4 123.4
131 93.2 63.7 118.3
166 125.9 87.9 163.3





#49

Dibromochloromethane

Concen: 2.393 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032274.D

Acq: 05 Oct 2023 23:01

Instrument :

MSVOA_V

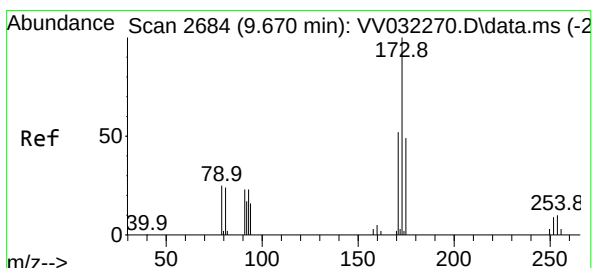
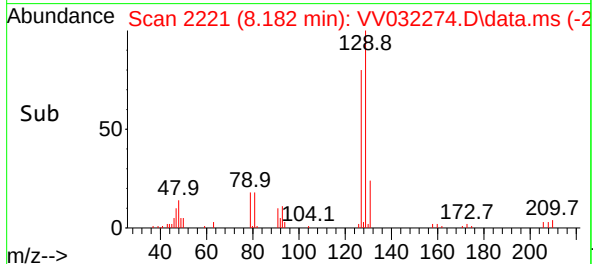
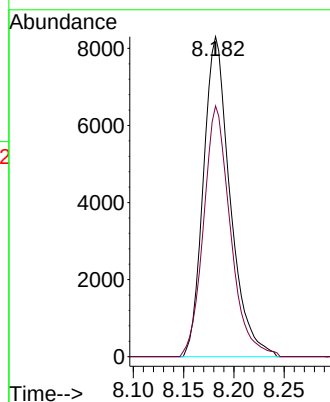
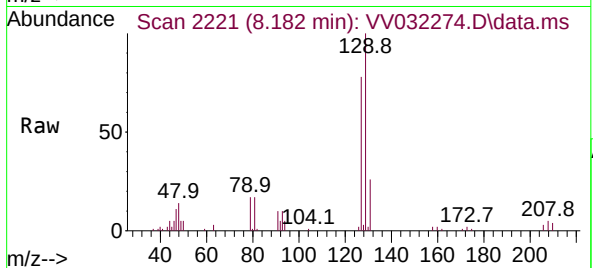
ClientSampleId :

Tgt Ion:129 Resp: 15374

Ion Ratio Lower Upper

129 100

127 78.4 57.2 106.2



#59

Bromoform

Concen: 0.899 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032274.D

Acq: 05 Oct 2023 23:01

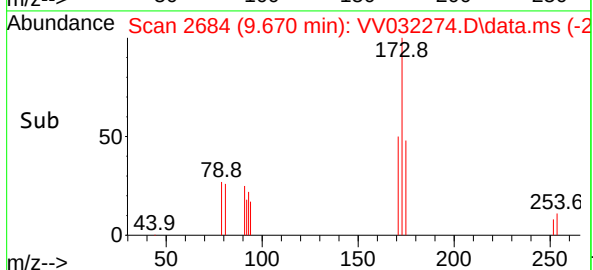
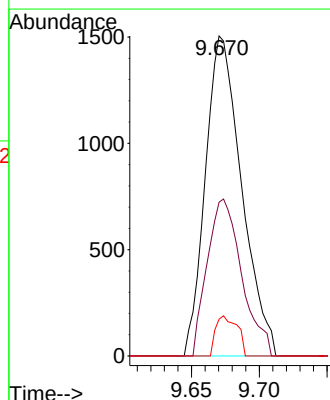
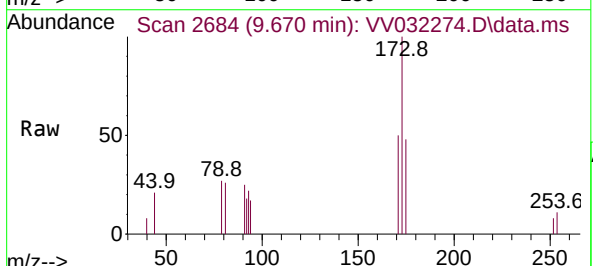
Tgt Ion:173 Resp: 2794

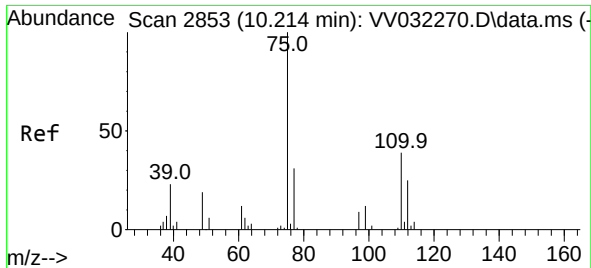
Ion Ratio Lower Upper

173 100

175 46.7 38.2 57.2

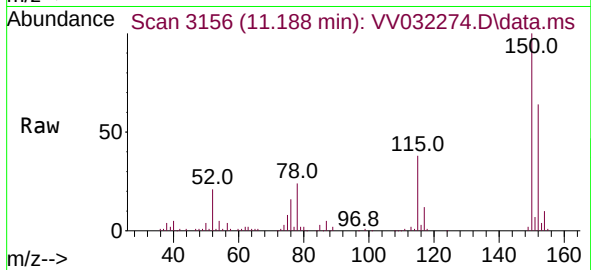
254 7.4 7.0 10.4





#61
 1,2,3-Trichloropropane
 Concen: 1.130 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.974 min
 Lab File: VV032274.D
 Acq: 05 Oct 2023 23:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5142
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.2 39.2
 110 1.3 30.6 46.0#

