

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062283.D
 Acq On : 12 Dec 2024 13:14
 Operator : MD/SY
 Sample : P5228-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2AT4

Quant Time: Dec 13 00:16:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

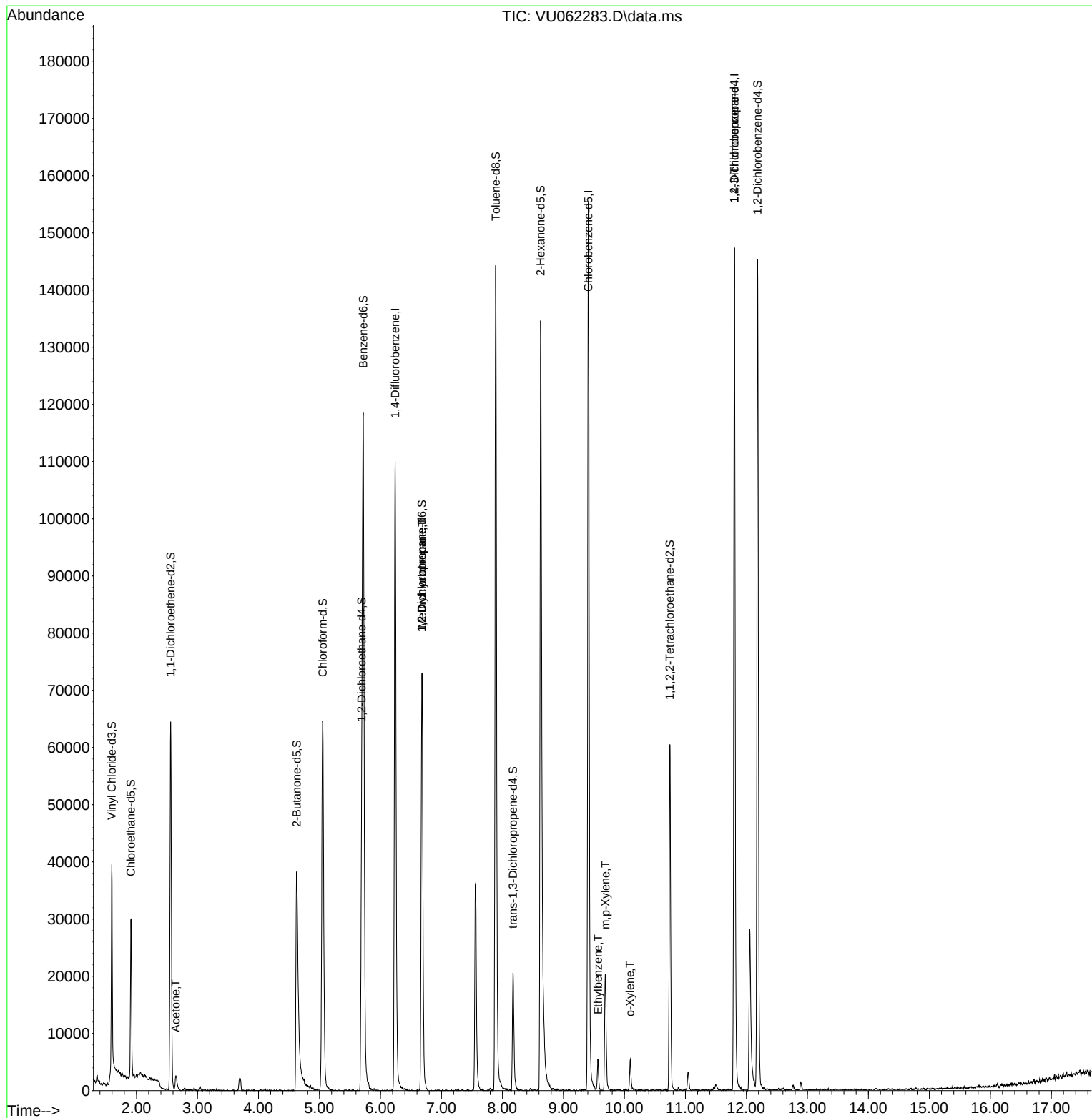
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24410	3.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	20130	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	12150	4.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.628	46	61961	50.657	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.052	84	65894	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	36079	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	113280	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	34440	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	102310	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	14619	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	48425	49.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28951	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	40442	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
13) Acetone	2.644	43	3612	4.337	ug/L	99
35) Methylcyclohexane	6.682	83	9169	0.781	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4107	0.604	ug/L #	87
52) Ethylbenzene	9.566	91	4460	0.132	ug/L	97
53) m,p-Xylene	9.688	106	5763	0.462	ug/L	95
54) o-Xylene	10.094	106	1766	0.146	ug/L	78
61) 1,2,3-Trichloropropane	11.804	75	4251	1.074	ug/L #	66

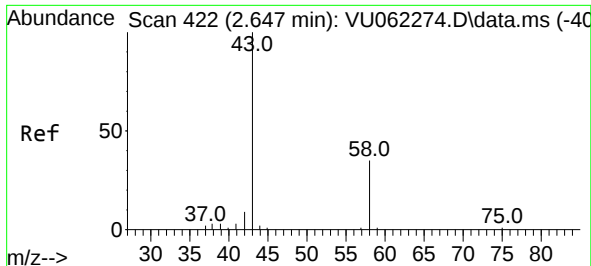
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.337 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062283.D

Acq: 12 Dec 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :

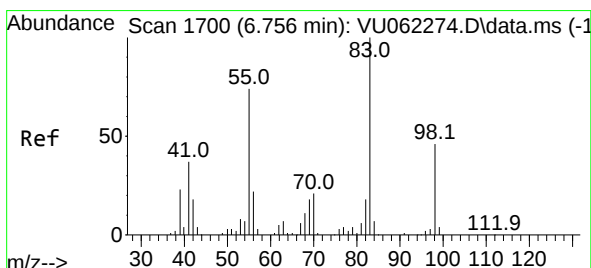
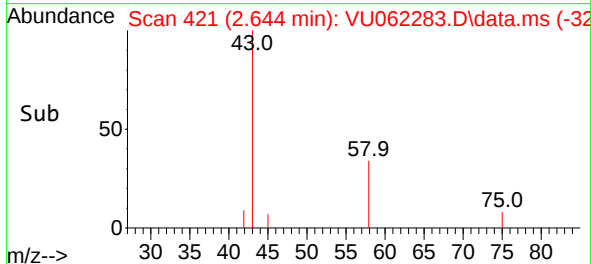
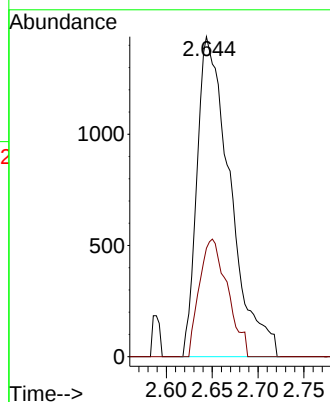
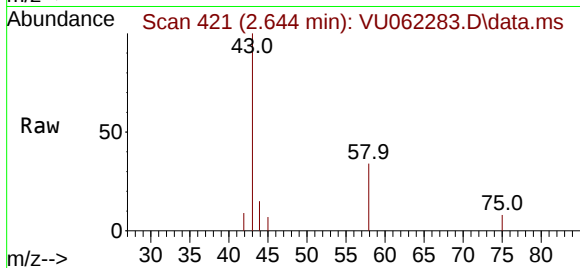
E2AT4

Tgt Ion: 43 Resp: 3612

Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.0



#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU062283.D

Acq: 12 Dec 2024 13:14

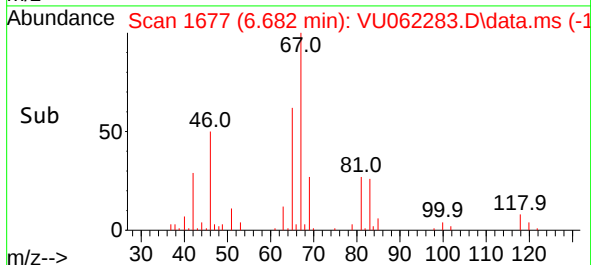
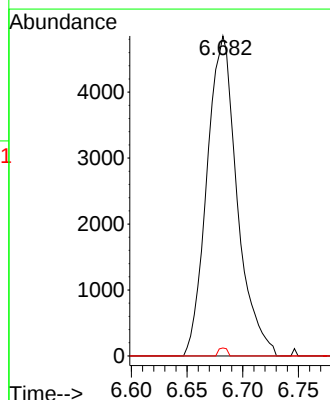
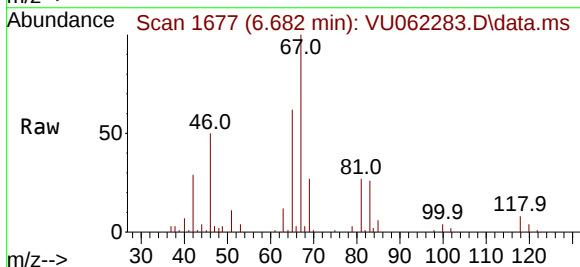
Tgt Ion: 83 Resp: 9169

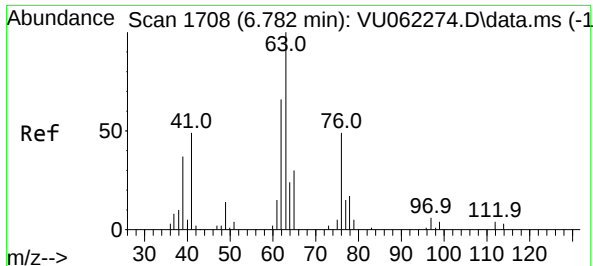
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.7 34.8 52.2#

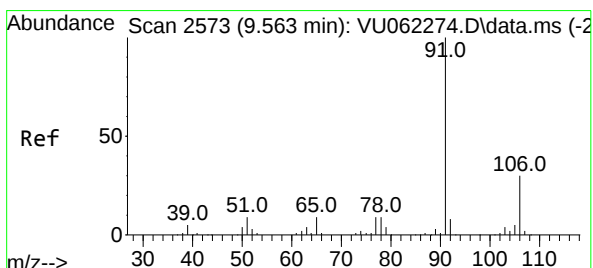
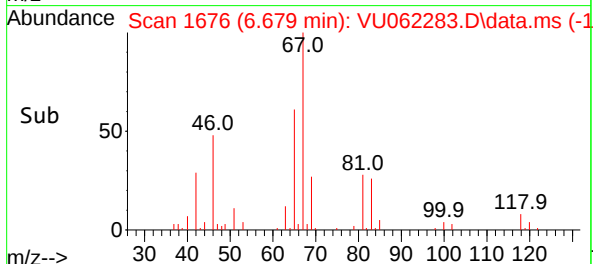
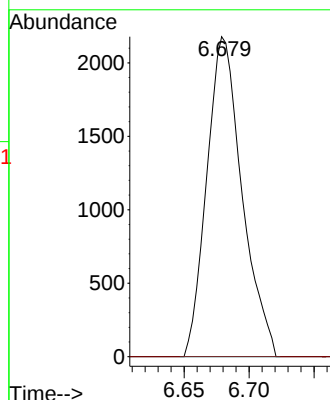
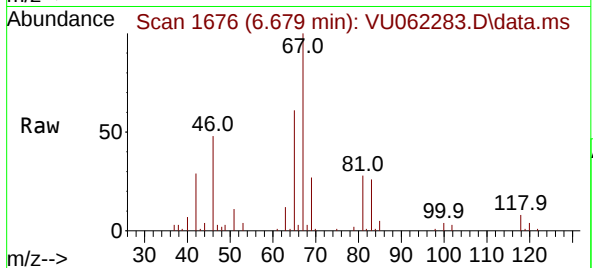




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062283.D
Acq: 12 Dec 2024 13:14

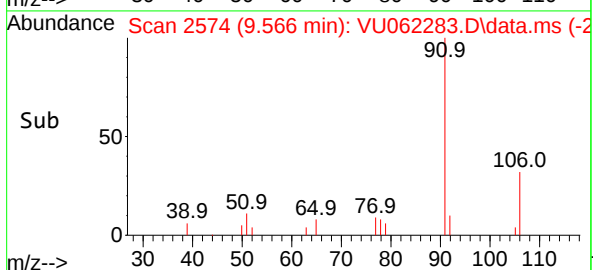
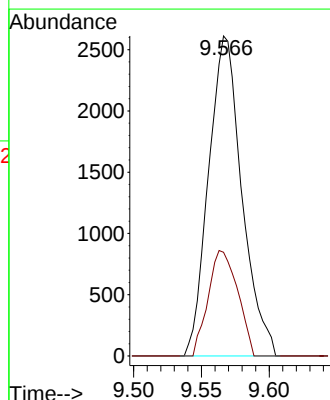
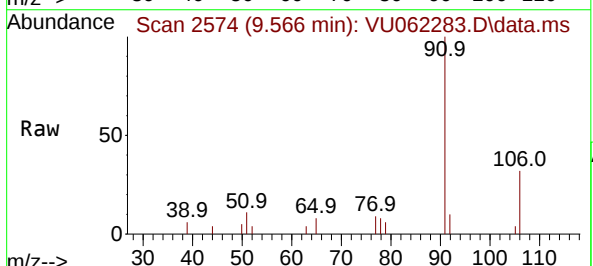
Instrument :
MSVOA_U
ClientSampleId :
E2AT4

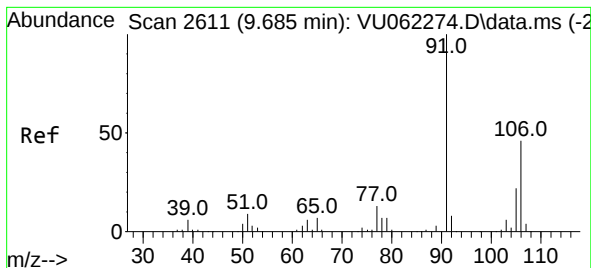
Tgt Ion: 63 Resp: 4107
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU062283.D
Acq: 12 Dec 2024 13:14

Tgt Ion: 91 Resp: 4460
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.0





#53

m,p-Xylene

Concen: 0.462 ug/L

RT: 9.688 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU062283.D

Acq: 12 Dec 2024 13:14

Instrument :

MSVOA_U

ClientSampleId :

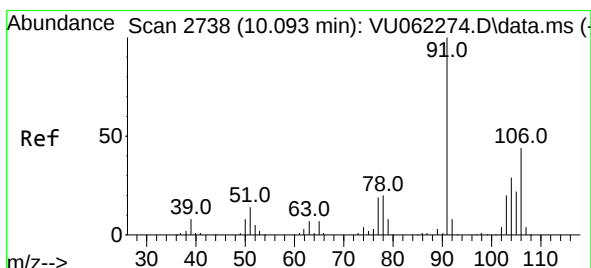
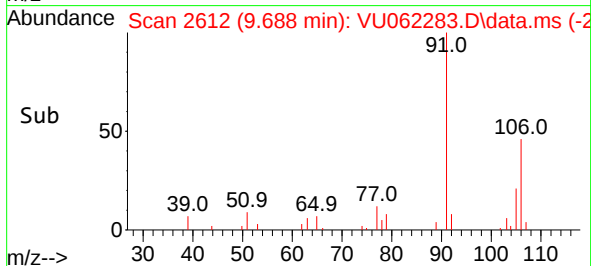
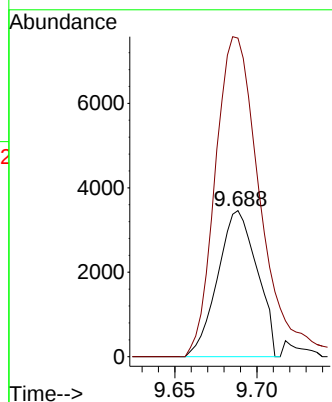
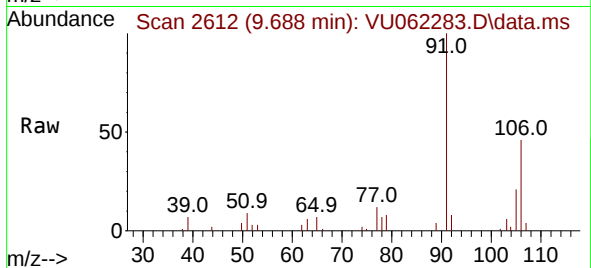
E2AT4

Tgt Ion:106 Resp: 5763

Ion Ratio Lower Upper

106 100

91 218.1 147.6 274.0



#54

o-Xylene

Concen: 0.146 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU062283.D

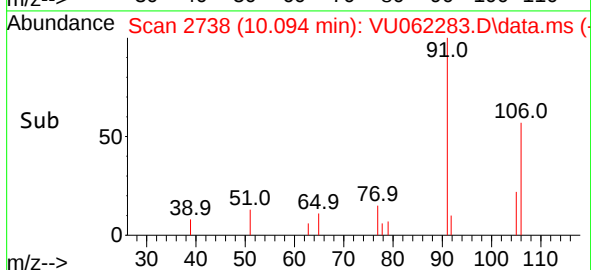
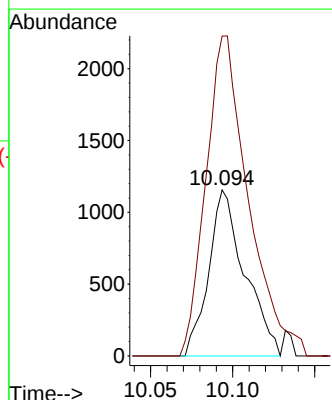
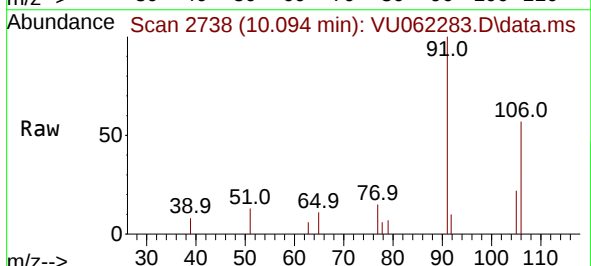
Acq: 12 Dec 2024 13:14

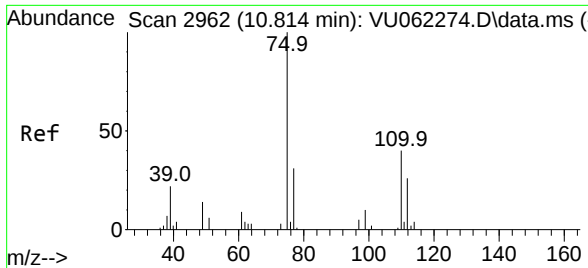
Tgt Ion:106 Resp: 1766

Ion Ratio Lower Upper

106 100

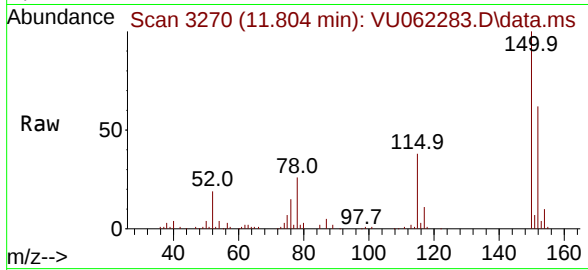
91 192.6 159.8 296.8





#61
1,2,3-Trichloropropane
Concen: 1.074 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062283.D
Acq: 12 Dec 2024 13:14

Instrument :
MSVOA_U
ClientSampleId :
E2AT4



Tgt Ion:	75	Resp:	4251
Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.9	43.3#
77	36.3	26.5	39.7

