

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062620.D
 Acq On : 27 Dec 2024 16:11
 Operator : MD/SY
 Sample : P5344-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 22:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

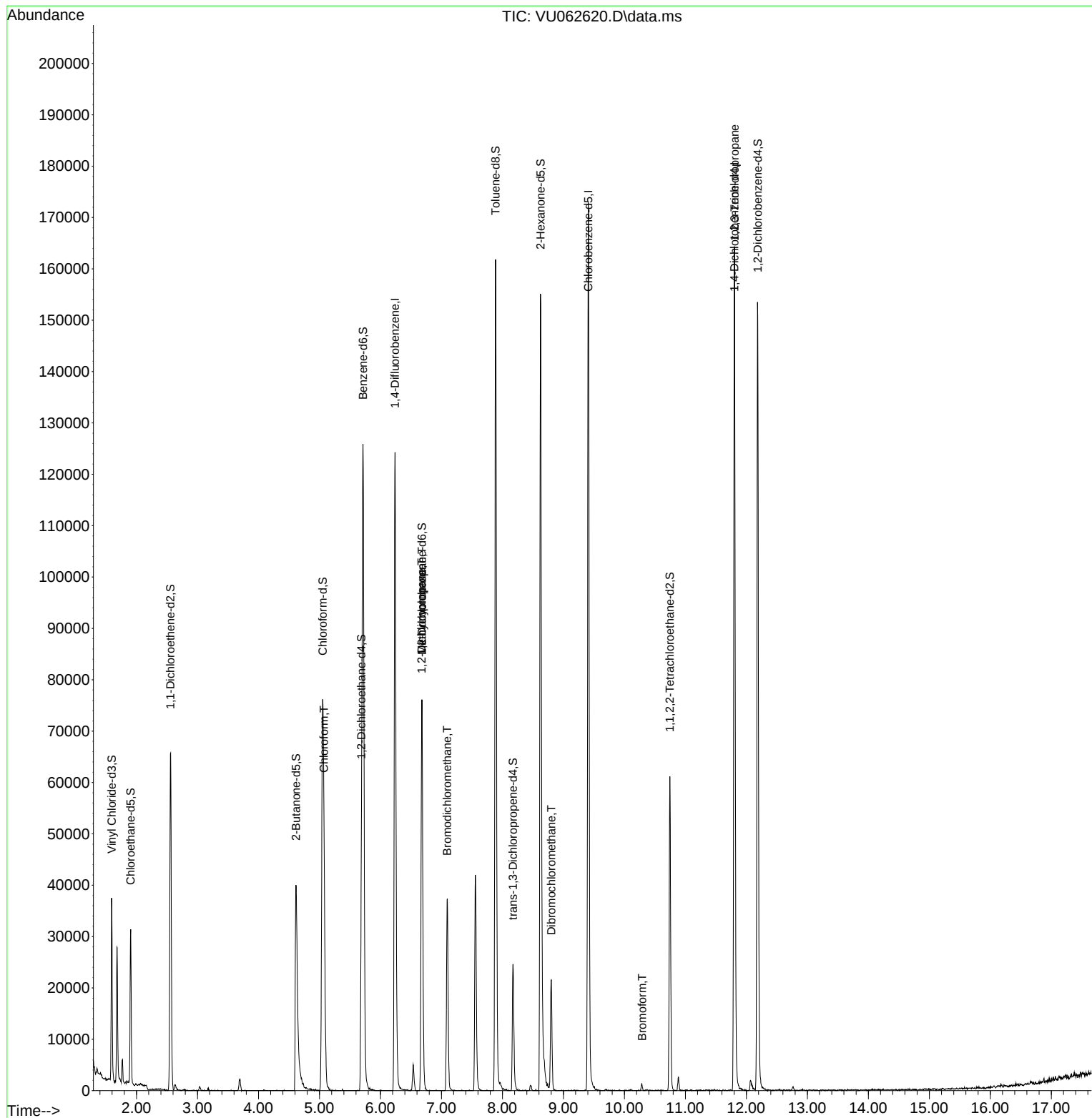
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	104271	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25385	3.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.904	69	20888	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.557	65	12717	3.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.615	46	63288	46.953	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	5.052	84	67558	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.688	65	37532	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.714	84	120094	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.679	67	33735	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.888	98	112765	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	16620	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.624	63	55532	52.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28360	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	43102	4.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
25) Chloroform	5.074	83	32159	2.153	ug/L	97
35) Methylcyclohexane	6.679	83	9021	0.711	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	4457	0.606	ug/L #	87
38) Bromodichloromethane	7.094	83	25765	2.483	ug/L	98
49) Dibromochloromethane	8.801	129	11889	1.772	ug/L	97
59) Bromoform	10.290	173	834	0.223	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	4389	0.997	ug/L #	68

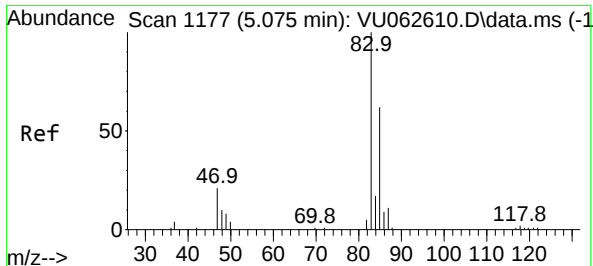
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 2.153 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062620.D

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Instrument :

MSVOA_U

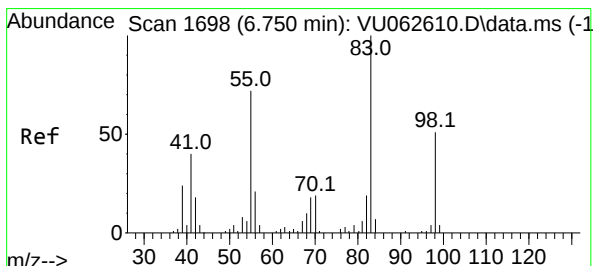
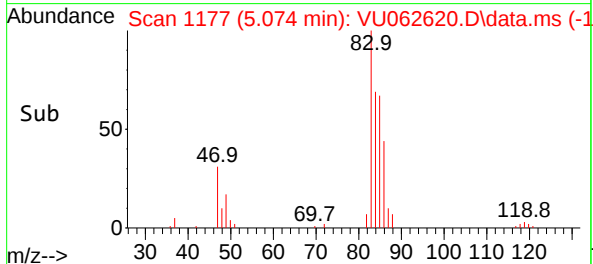
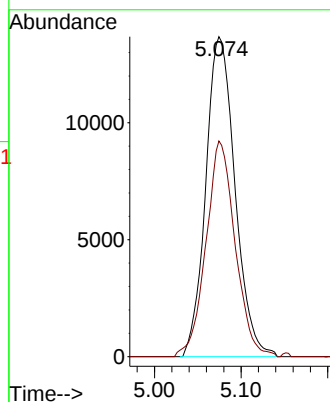
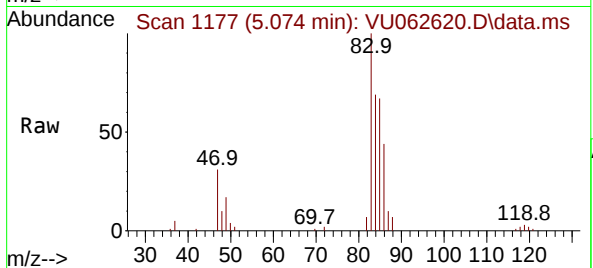
ClientSampleId :

Tgt Ion: 83 Resp: 32159

Ion Ratio Lower Upper

83 100

85 67.4 45.4 84.2



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062620.D

Acq: 27 Dec 2024 16:11

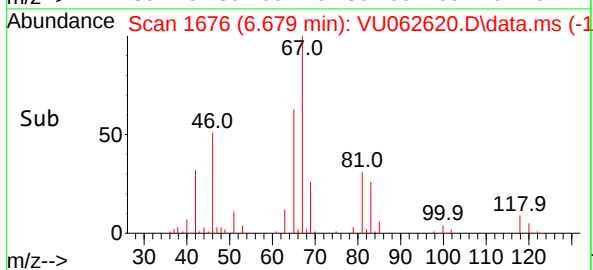
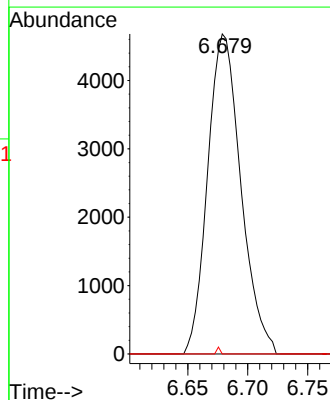
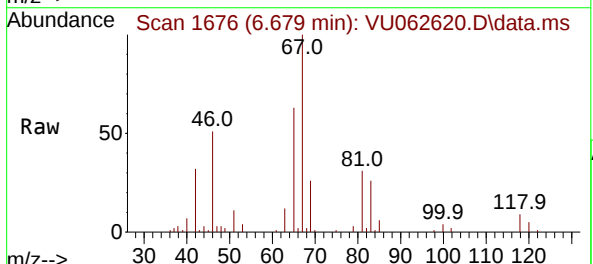
Tgt Ion: 83 Resp: 9021

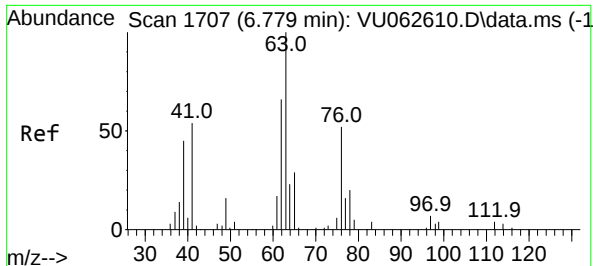
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.2 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU062620.D

Acq: 27 Dec 2024 16:11

Instrument :

MSVOA_U

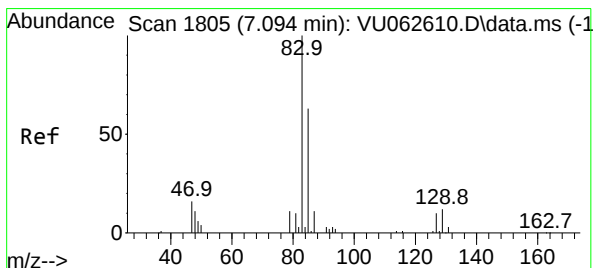
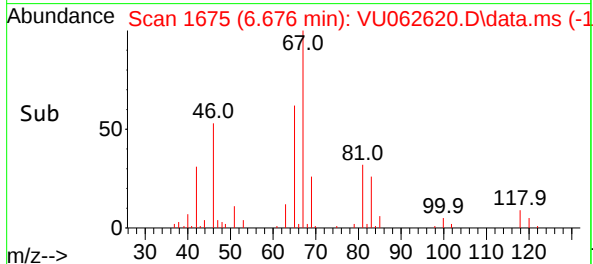
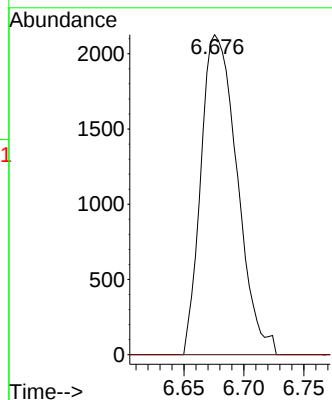
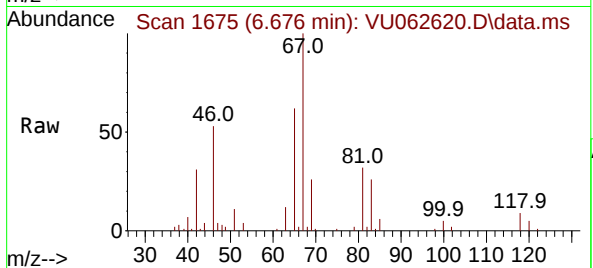
ClientSampleId :

Tgt Ion: 63 Resp: 4457

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 2.483 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU062620.D

Acq: 27 Dec 2024 16:11

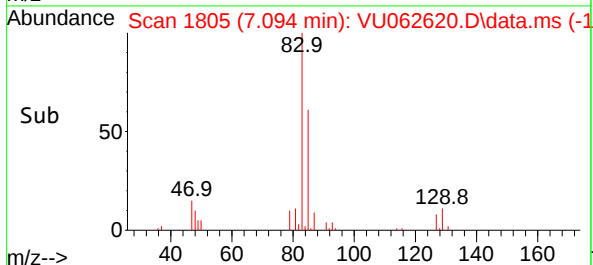
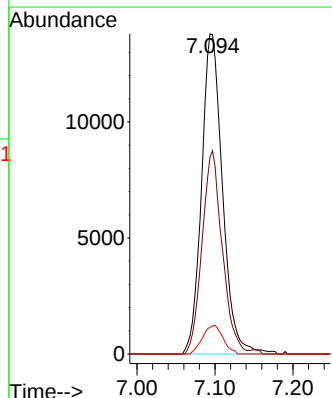
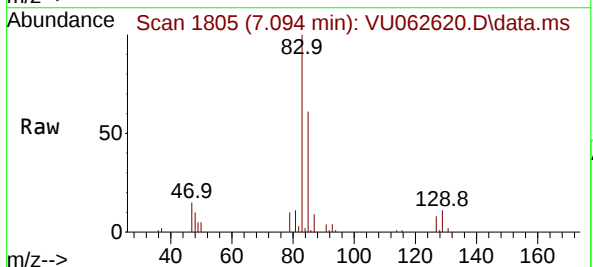
Tgt Ion: 83 Resp: 25765

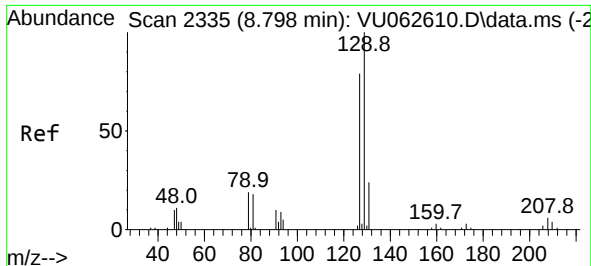
Ion Ratio Lower Upper

83 100

85 61.4 44.1 81.9

127 8.4 6.9 10.3





#49

Dibromochloromethane

Concen: 1.772 ug/L

RT: 8.801 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062620.D

Acq: 27 Dec 2024 16:11

Instrument :

MSVOA_U

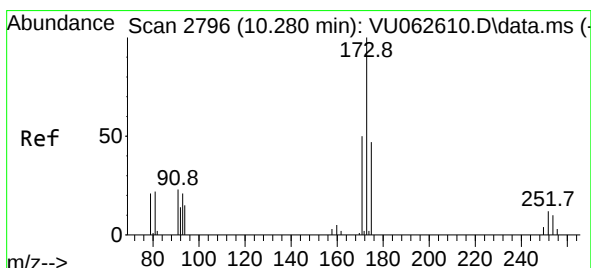
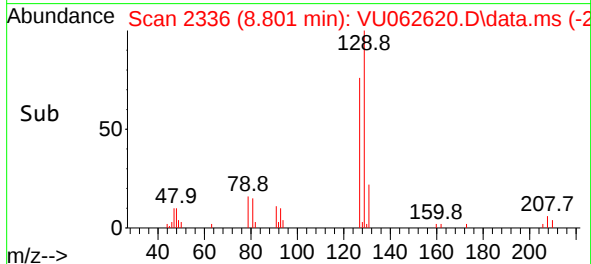
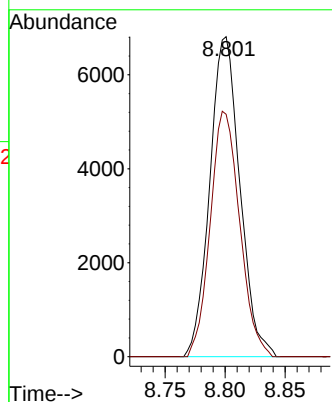
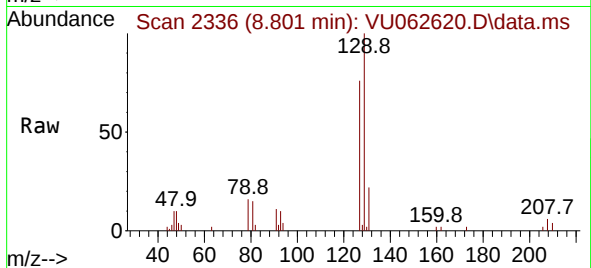
ClientSampleId :

Tgt Ion:129 Resp: 11889

Ion Ratio Lower Upper

129 100

127 75.8 51.1 94.9



#59

Bromoform

Concen: 0.223 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.009 min

Lab File: VU062620.D

Acq: 27 Dec 2024 16:11

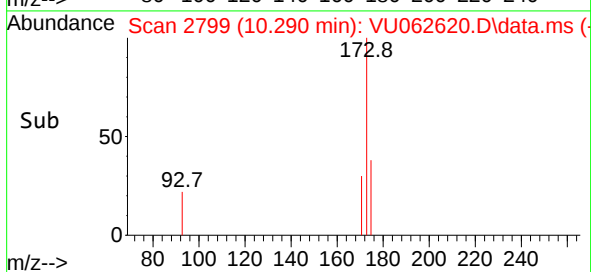
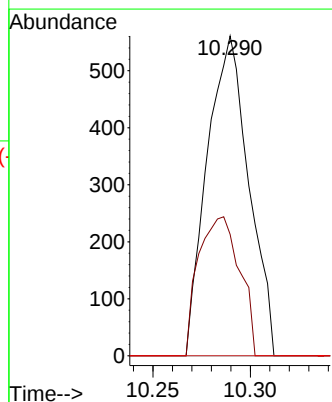
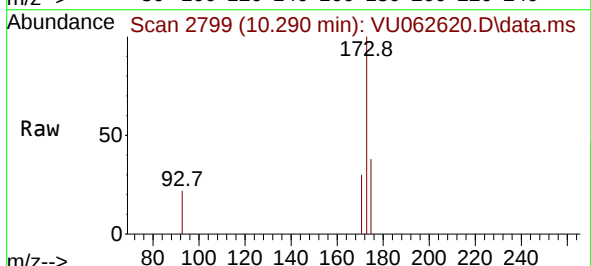
Tgt Ion:173 Resp: 834

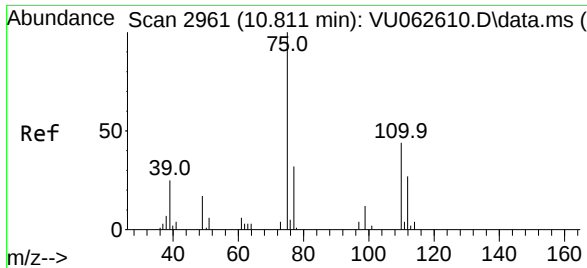
Ion Ratio Lower Upper

173 100

175 42.9 39.0 58.4

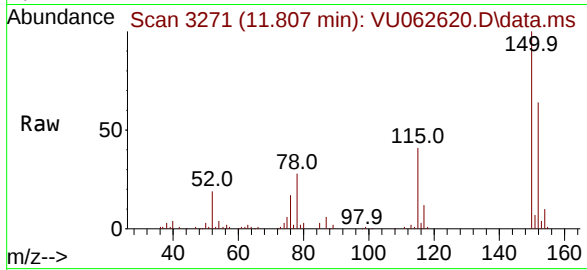
254 0.0 7.4 11.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.997 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.996 min
 Lab File: VU062620.D
 Acq: 27 Dec 2024 16:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4389
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.9 43.3#
 77 34.4 26.5 39.7

