

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062529.D
 Acq On : 20 Dec 2024 17:03
 Operator : MD/SY
 Sample : P5345-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

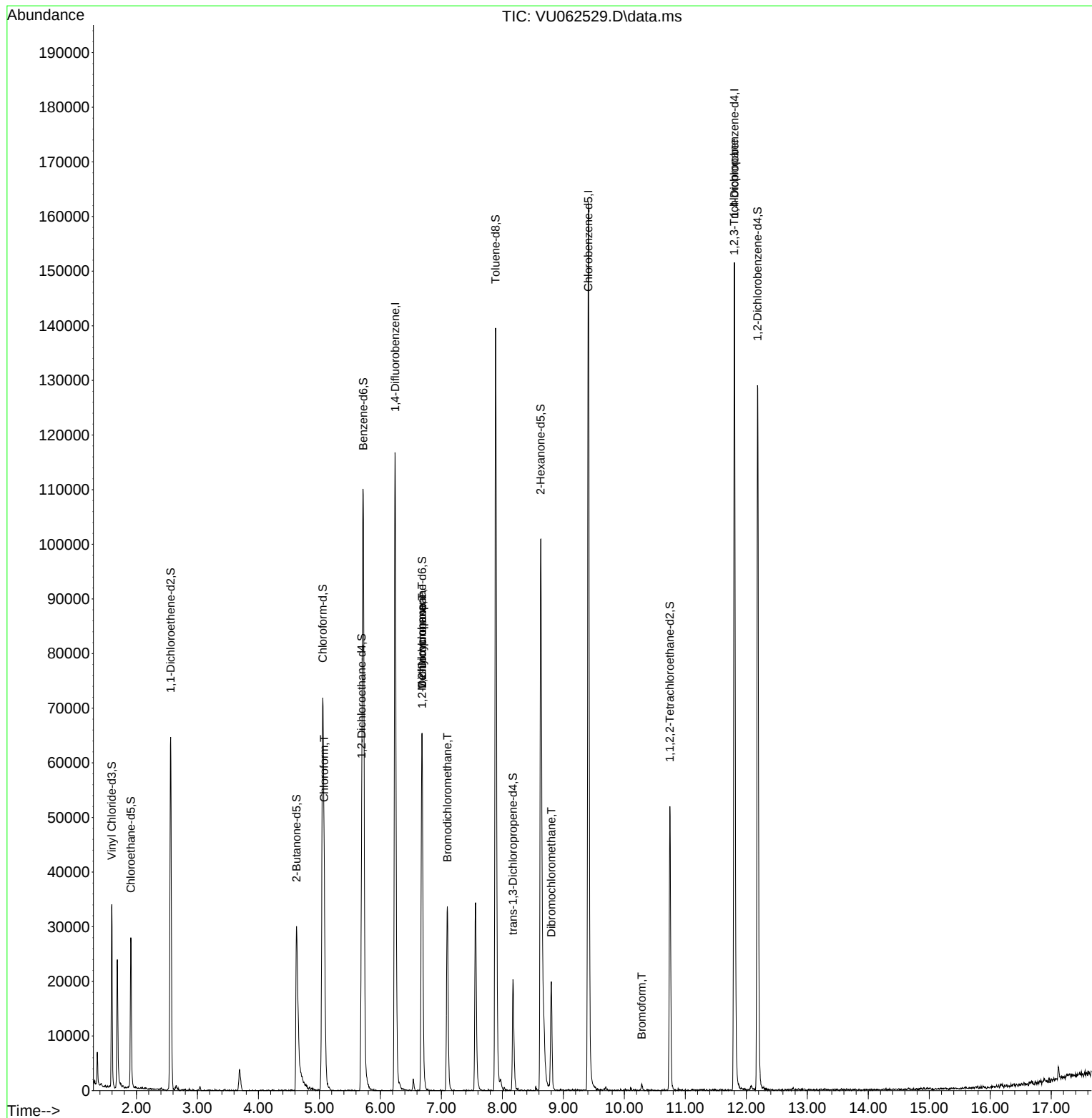
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95921	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23219	3.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	18905	4.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	12398	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.624	46	46641	37.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.240%
24) Chloroform-d	5.052	84	61411	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	34404	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	107701	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.682	67	29727	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.888	98	99946	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.174	79	13064	3.838	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.627	63	34556	33.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23684	3.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	36191	4.451	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	27076	1.971	ug/L	97
35) Methylcyclohexane	6.679	83	8300	0.680	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4001	0.565	ug/L #	87
38) Bromodichloromethane	7.097	83	23564	2.359	ug/L	99
49) Dibromochloromethane	8.801	129	11127	1.723	ug/L	99
59) Bromoform	10.283	173	701	0.202	ug/L #	91
61) 1,2,3-Trichloropropane	11.801	75	4046	0.992	ug/L #	66

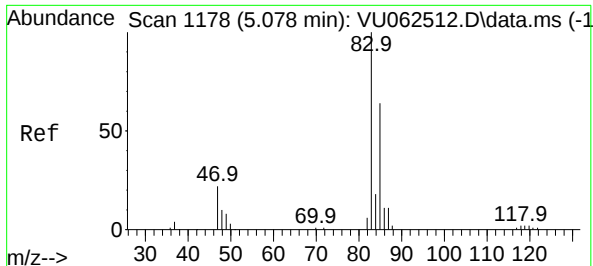
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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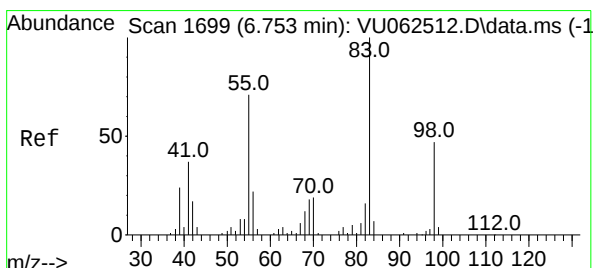
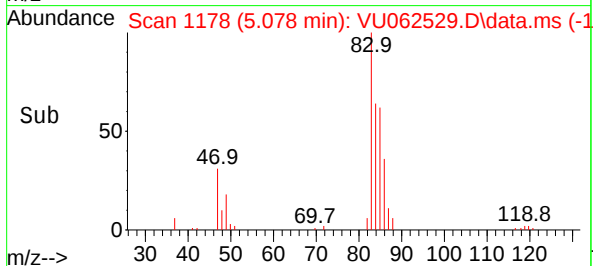
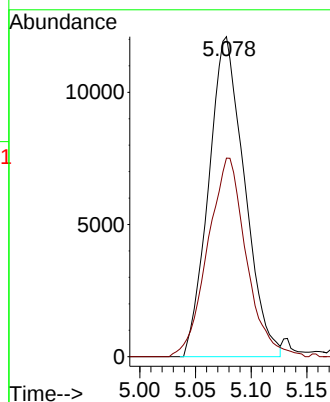
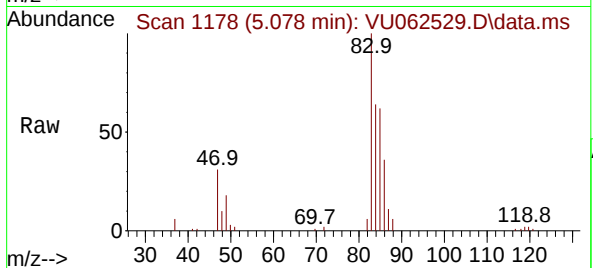




#25
Chloroform
Concen: 1.971 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062529.D
Acq: 20 Dec 2024 17:03

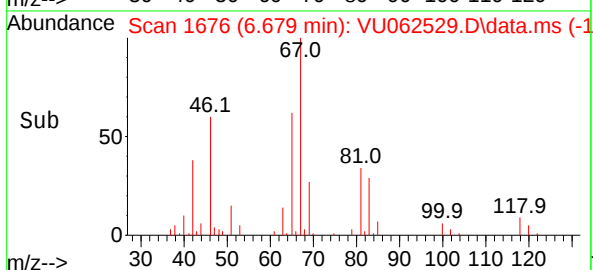
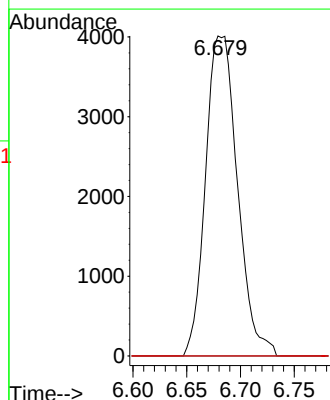
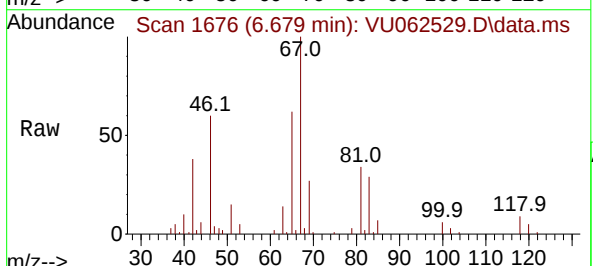
Instrument :
MSVOA_U
ClientSampleId :

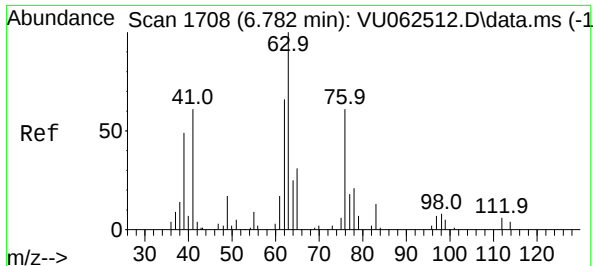
Tgt Ion: 83 Resp: 27076
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.2



#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062529.D
Acq: 20 Dec 2024 17:03

Tgt Ion: 83 Resp: 8300
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

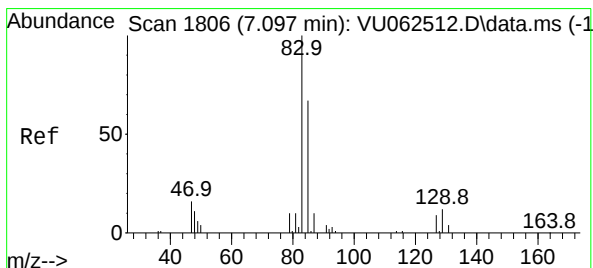
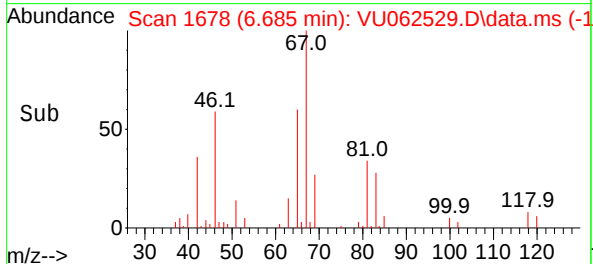
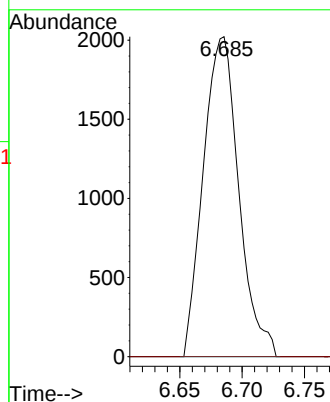
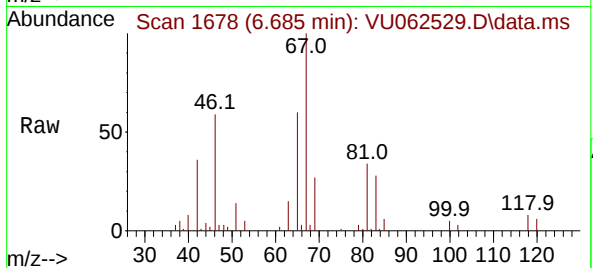




#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062529.D
Acq: 20 Dec 2024 17:03

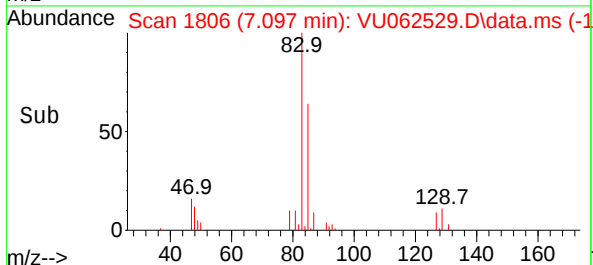
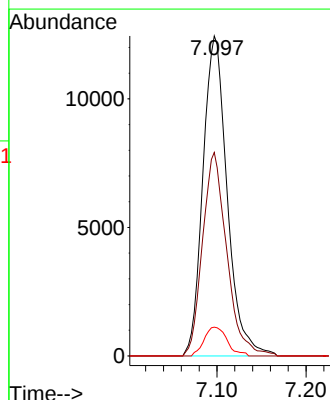
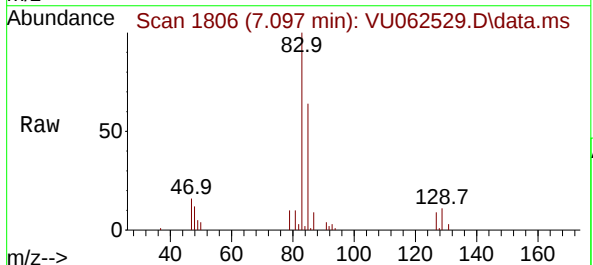
Instrument :
MSVOA_U
ClientSampleId :

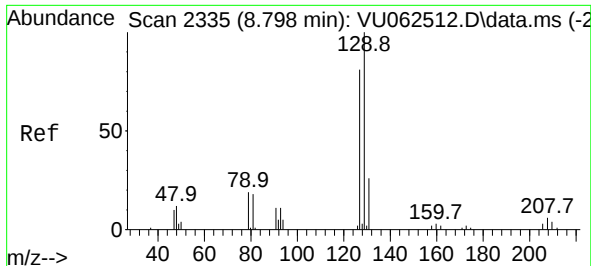
Tgt Ion: 63 Resp: 4001
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 2.359 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062529.D
Acq: 20 Dec 2024 17:03

Tgt Ion: 83 Resp: 23564
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9
127 9.0 6.9 10.3





#49

Dibromochloromethane

Concen: 1.723 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU062529.D

Acq: 20 Dec 2024 17:03

Instrument :

MSVOA_U

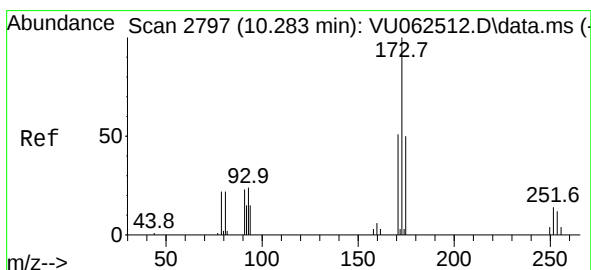
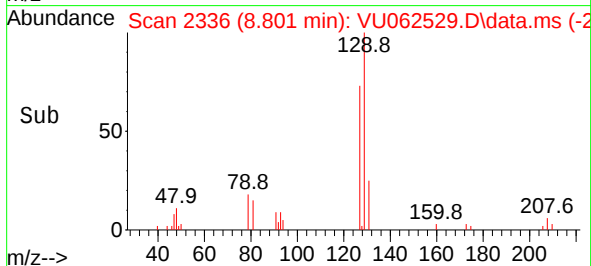
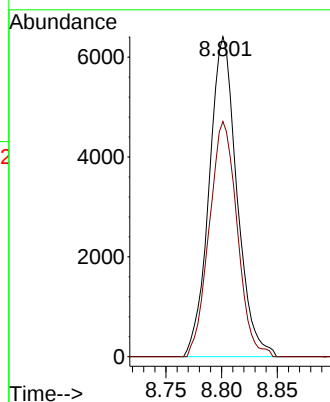
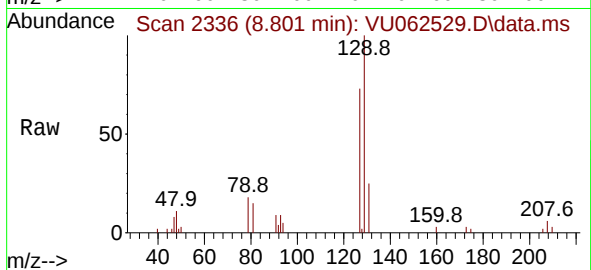
ClientSampleId :

Tgt Ion:129 Resp: 11127

Ion Ratio Lower Upper

129 100

127 73.5 51.1 94.9



#59

Bromoform

Concen: 0.202 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU062529.D

Acq: 20 Dec 2024 17:03

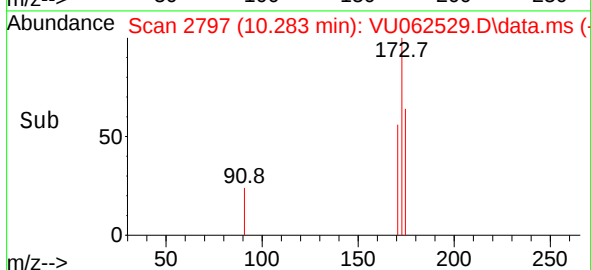
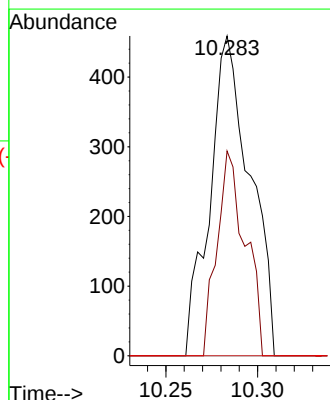
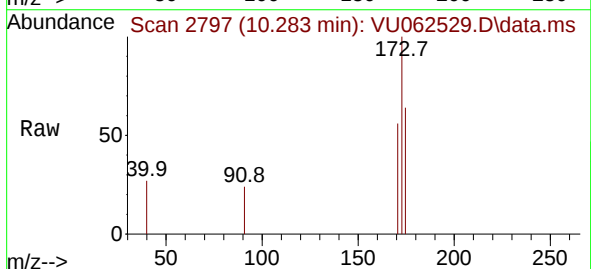
Tgt Ion:173 Resp: 701

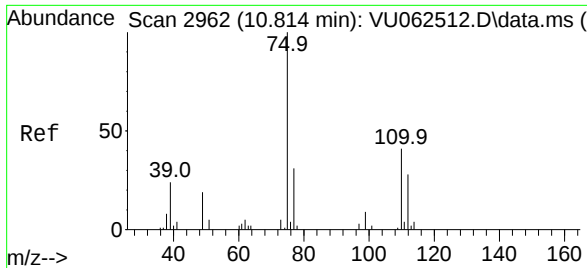
Ion Ratio Lower Upper

173 100

175 44.8 39.0 58.4

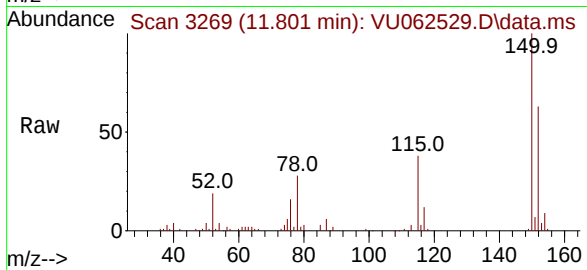
254 0.0 7.4 11.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.992 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062529.D
 Acq: 20 Dec 2024 17:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4046
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.9 43.3#
 77 36.4 26.5 39.7

