

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062429.D
 Acq On : 18 Dec 2024 18:19
 Operator : MD/SY
 Sample : P5310-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

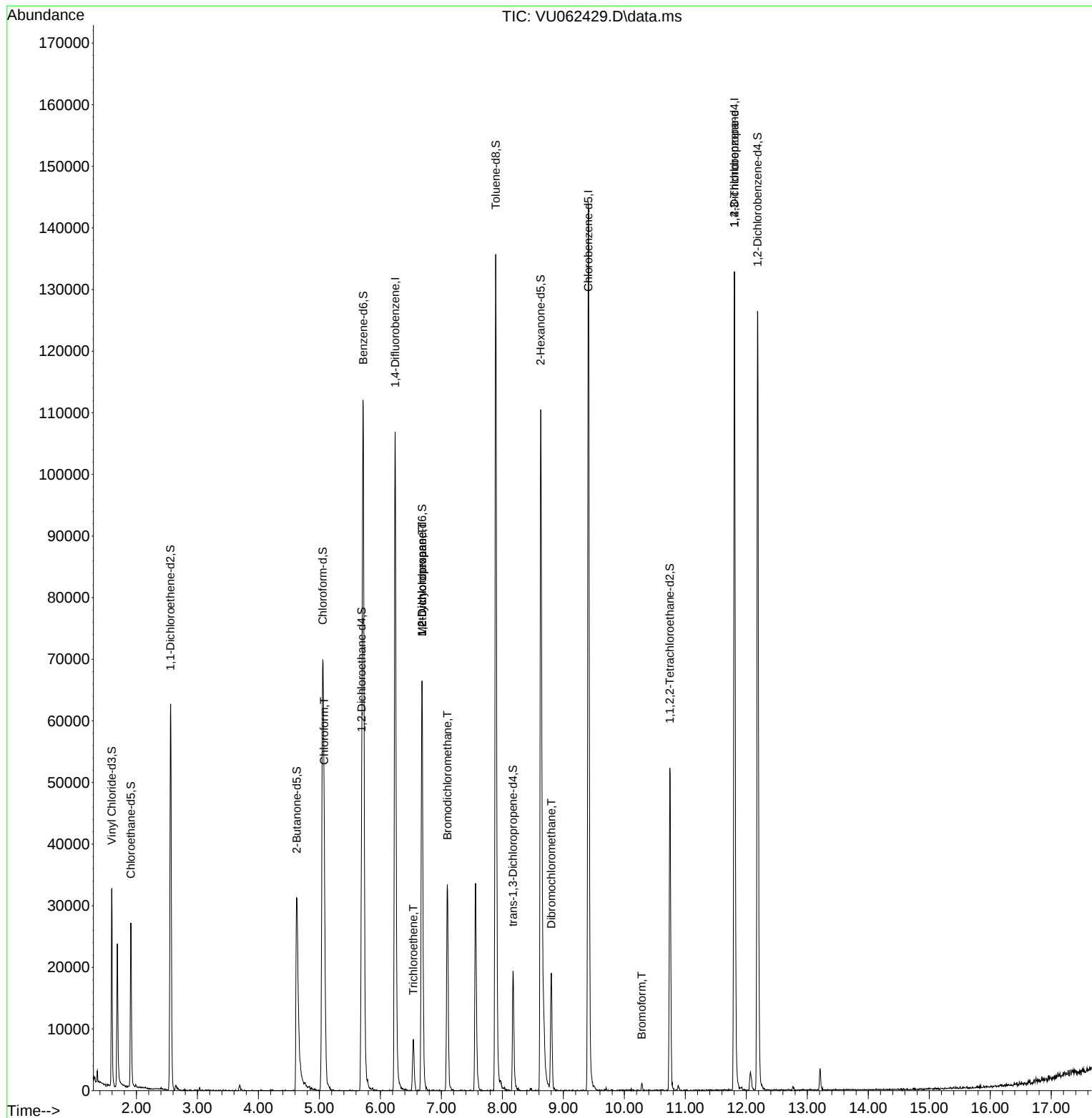
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21994	3.590	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	18850	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.557	65	11824	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.628	46	50613	43.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.220%
24) Chloroform-d	5.052	84	61282	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.692	65	32939	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.718	84	105674	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	30823	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	97543	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	12312	4.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.627	63	38720	41.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25095	4.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36831	4.942	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
25) Chloroform	5.078	83	29683	2.282	ug/L	95
34) Trichloroethene	6.541	95	3208	0.431	ug/L	93
35) Methylcyclohexane	6.682	83	8150	0.738	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3702	0.578	ug/L #	87
38) Bromodichloromethane	7.097	83	23640	2.616	ug/L	98
49) Dibromochloromethane	8.801	129	10558	1.807	ug/L	94
59) Bromoform	10.283	173	701	0.221	ug/L #	96
61) 1,2,3-Trichloropropane	11.804	75	3605	0.964	ug/L #	62

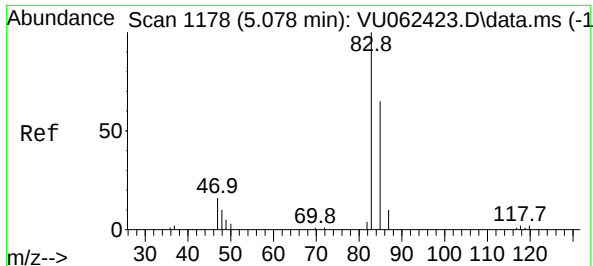
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 2.282 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062429.D

Acq: 18 Dec 2024 18:19

Instrument :

MSVOA_U

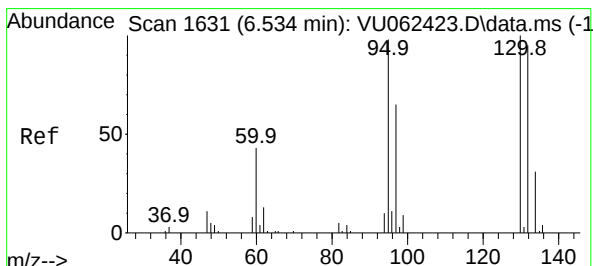
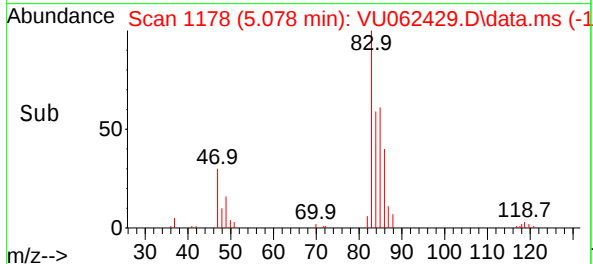
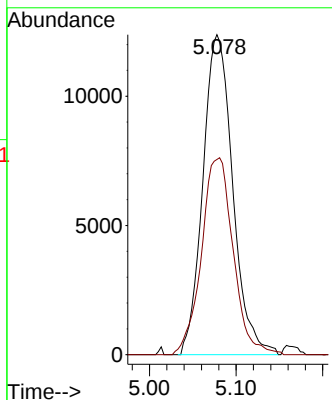
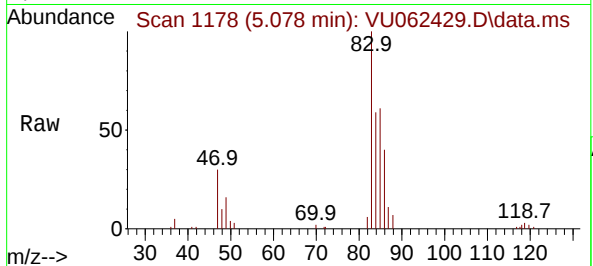
ClientSampleId :

Tgt Ion: 83 Resp: 29683

Ion Ratio Lower Upper

83 100

85 61.0 45.4 84.2



#34

Trichloroethene

Concen: 0.431 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VU062429.D

Acq: 18 Dec 2024 18:19

Tgt Ion: 95 Resp: 3208

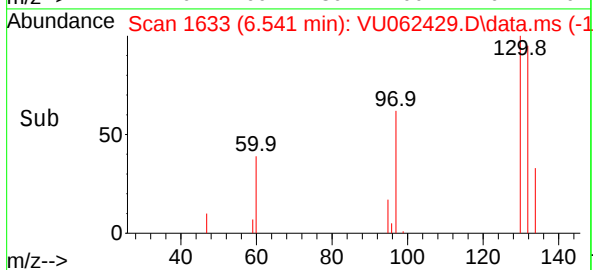
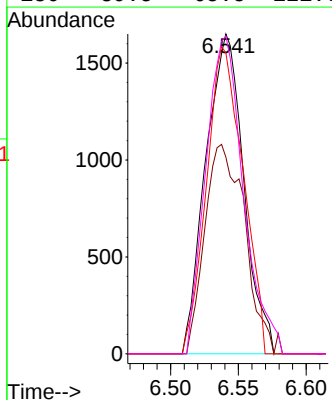
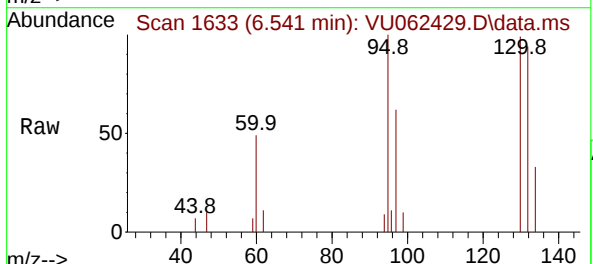
Ion Ratio Lower Upper

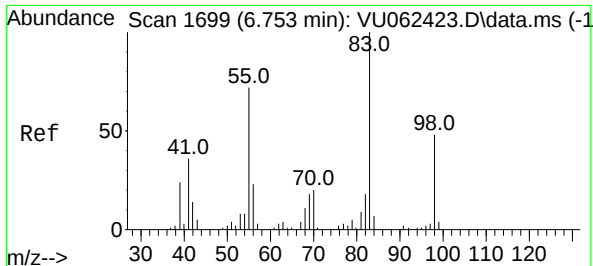
95 100

97 55.4 45.9 85.3

132 84.7 63.8 118.4

130 89.5 65.5 121.7





#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062429.D

Acq: 18 Dec 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

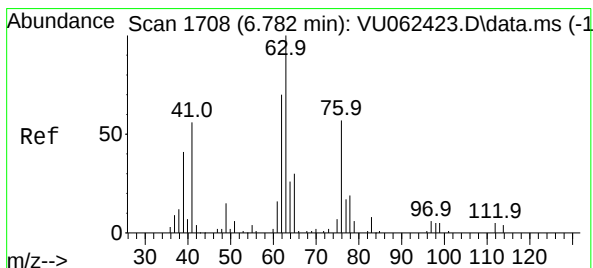
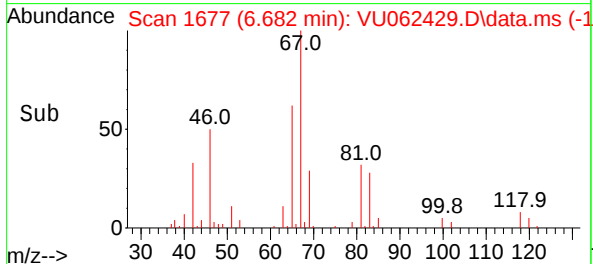
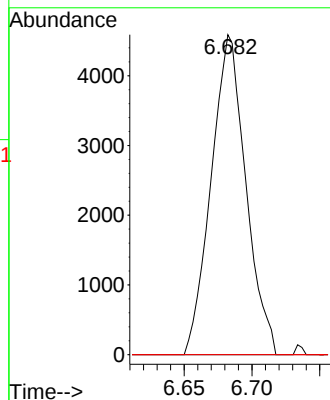
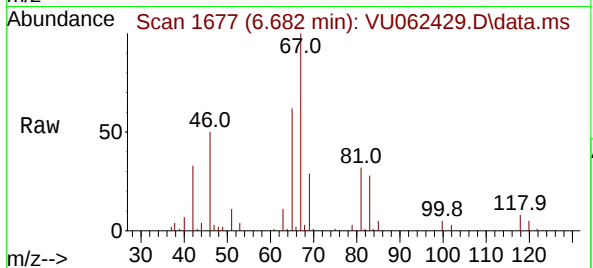
Tgt Ion: 83 Resp: 8150

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 2.6 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062429.D

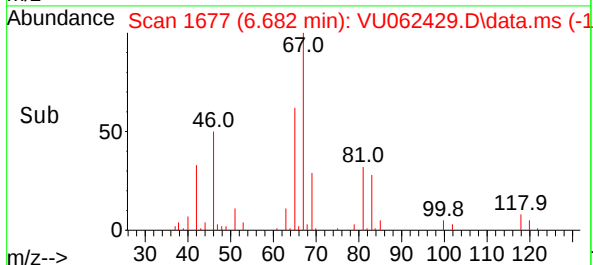
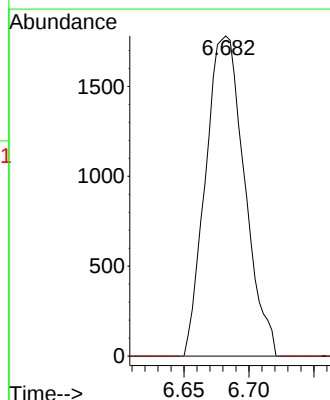
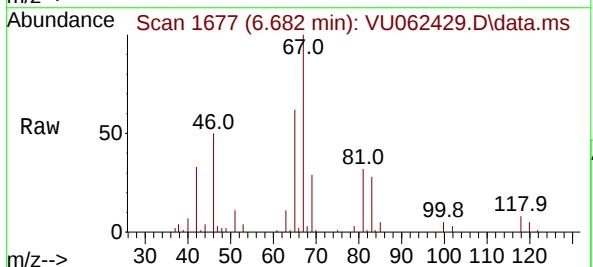
Acq: 18 Dec 2024 18:19

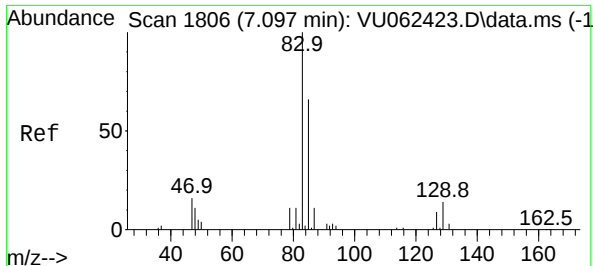
Tgt Ion: 63 Resp: 3702

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

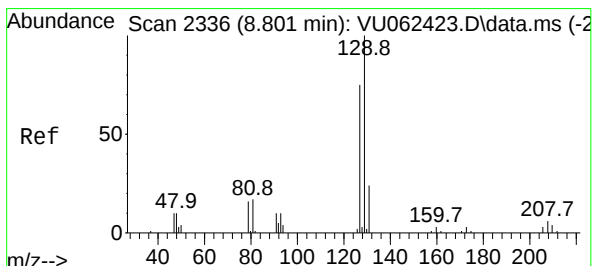
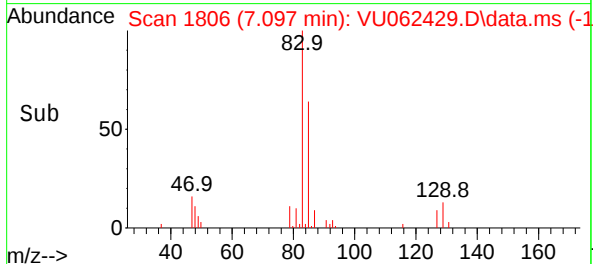
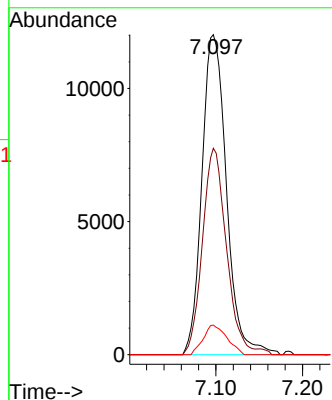
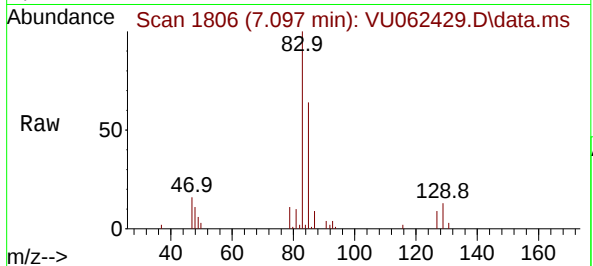




#38
Bromodichloromethane
Concen: 2.616 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062429.D
Acq: 18 Dec 2024 18:19

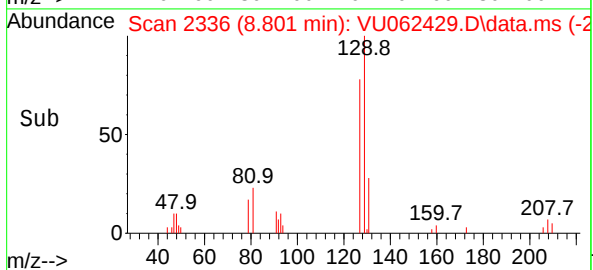
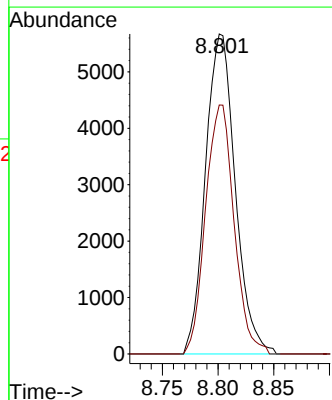
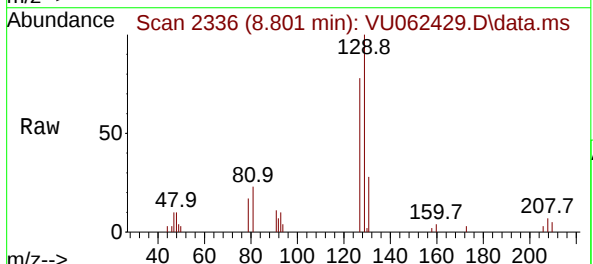
Instrument :
MSVOA_U
ClientSampleId :

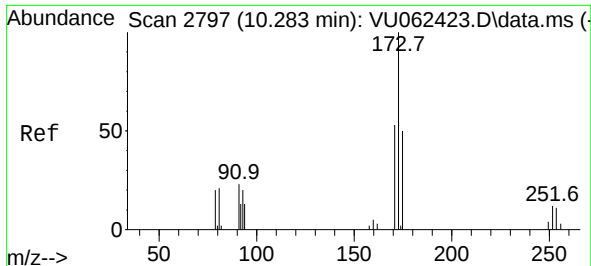
Tgt Ion: 83 Resp: 23640
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9
127 9.2 6.9 10.3



#49
Dibromochloromethane
Concen: 1.807 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062429.D
Acq: 18 Dec 2024 18:19

Tgt Ion: 129 Resp: 10558
Ion Ratio Lower Upper
129 100
127 77.8 51.1 94.9





#59

Bromoform

Concen: 0.221 ug/L

RT: 10.283 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062429.D

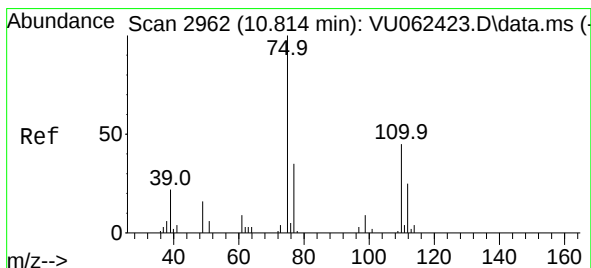
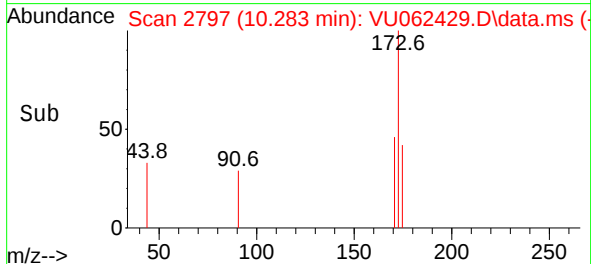
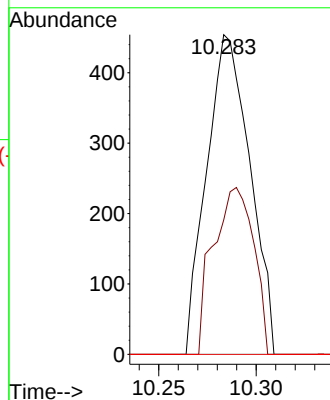
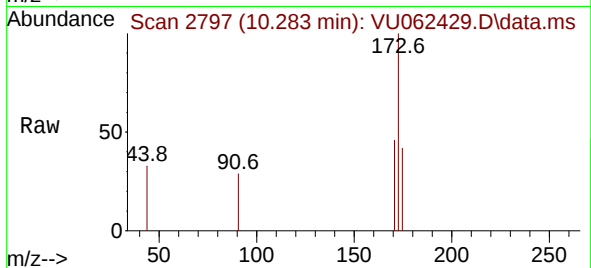
Acq: 18 Dec 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	701
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.4
254	0.0	7.4	11.0#



#61

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062429.D

Acq: 18 Dec 2024 18:19

Tgt Ion:	75	Resp:	3605
Ion Ratio	Lower	Upper	
75	100		
110	0.0	28.9	43.3#
77	40.1	26.5	39.7#

