

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062396.D
 Acq On : 17 Dec 2024 18:29
 Operator : MD/SY
 Sample : P5310-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 00:11:18 2024
 Response via : Initial Calibration

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

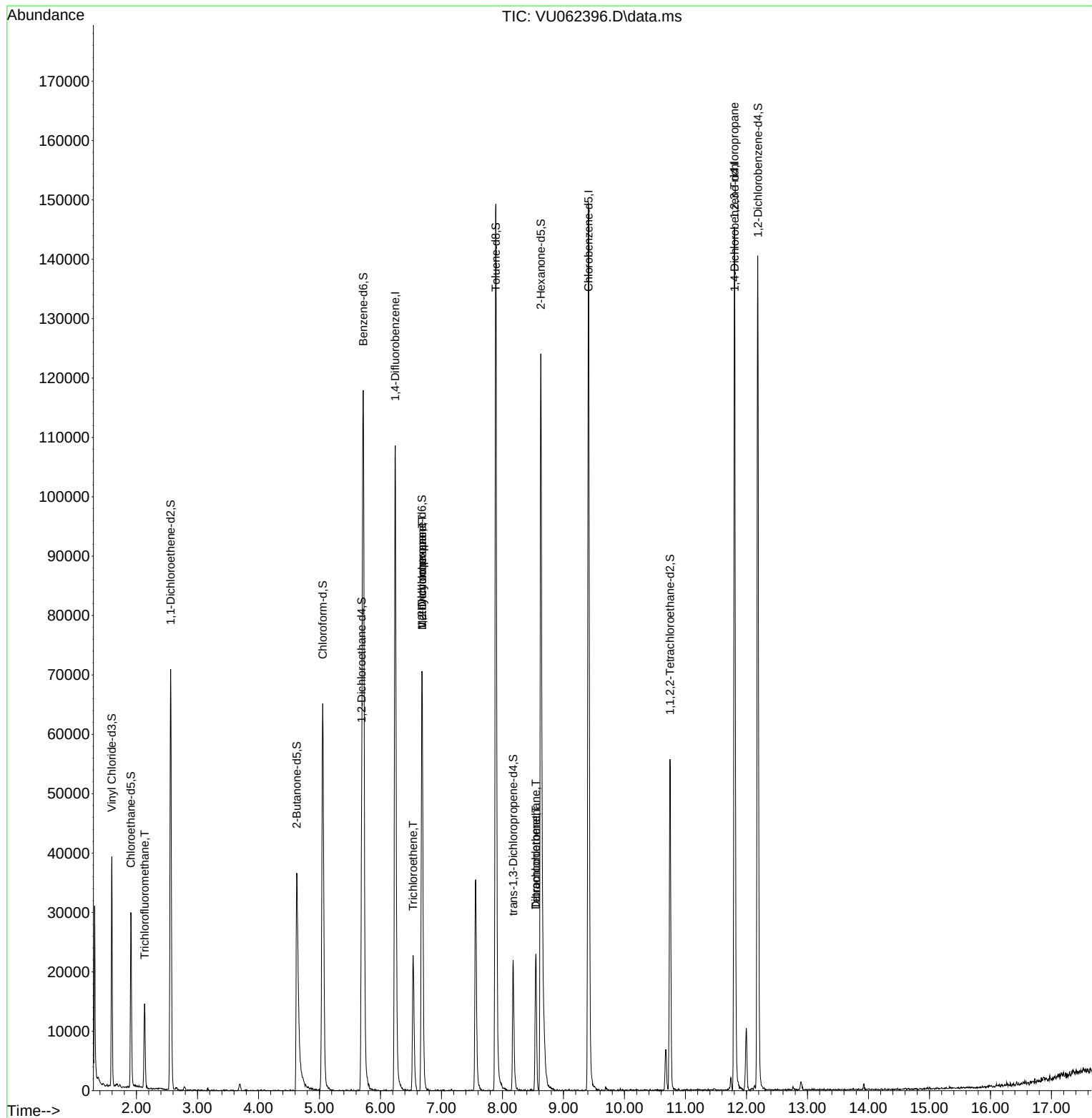
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25943	4.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	21682	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	14143	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.628	46	57218	47.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.160%
24) Chloroform-d	5.052	84	64899	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	34654	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	116065	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.679	67	33350	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	105710	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	13722	4.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	43667	45.905	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27175	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	40102	5.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.133	101	9611	0.779	ug/L	98
34) Trichloroethene	6.534	95	7909	1.036	ug/L	86
35) Methylcyclohexane	6.682	83	9092	0.804	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	4006	0.611	ug/L #	87
47) Tetrachloroethene	8.547	164	5233	0.888	ug/L	97
49) Dibromochloromethane	8.547	129	5548	0.927	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	4030	1.054	ug/L #	65

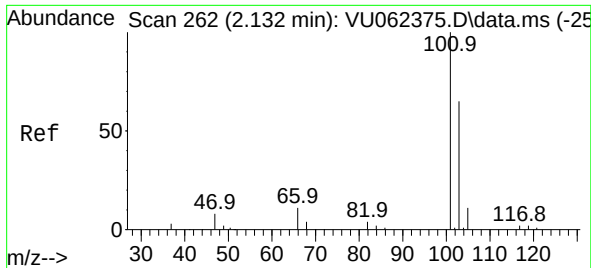
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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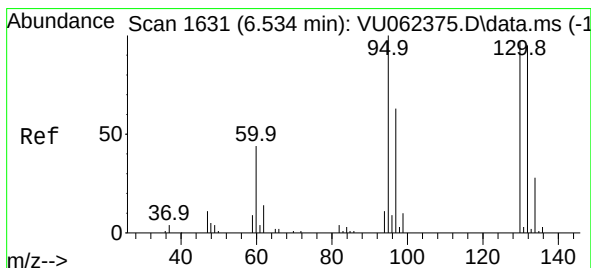
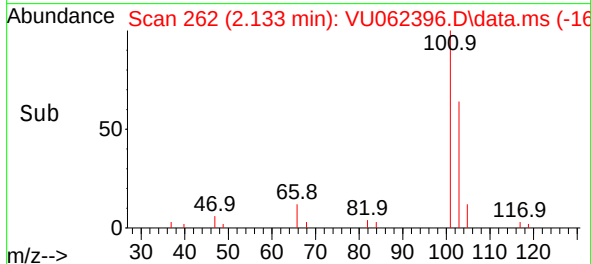
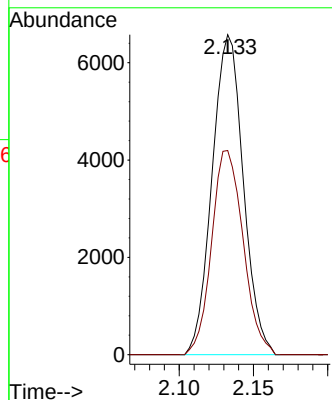
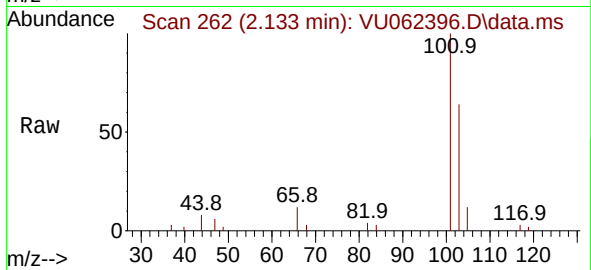




#9
 Trichlorofluoromethane
 Concen: 0.779 ug/L
 RT: 2.133 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062396.D
 Acq: 17 Dec 2024 18:29

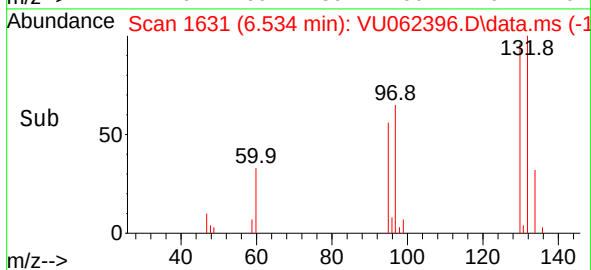
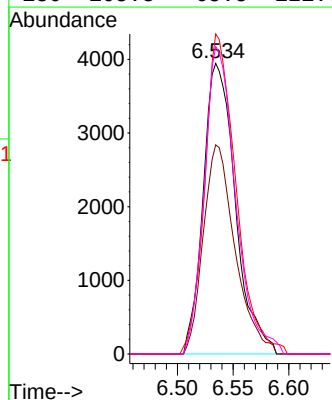
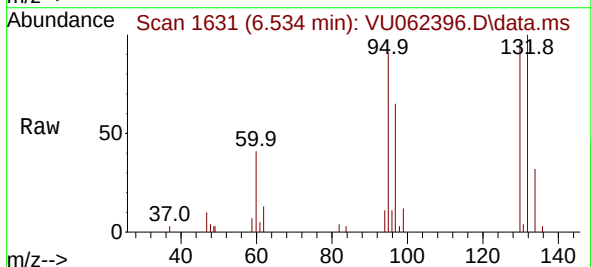
Instrument :
 MSVOA_U
 ClientSampleId :

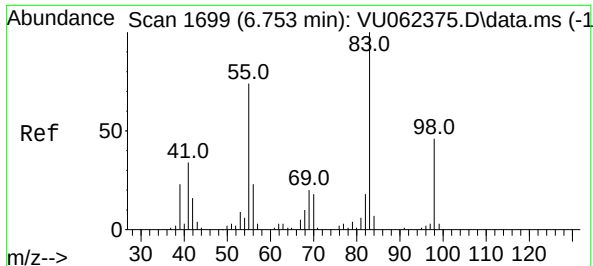
Tgt Ion:101 Resp: 9611
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 75.8



#34
 Trichloroethene
 Concen: 1.036 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU062396.D
 Acq: 17 Dec 2024 18:29

Tgt Ion: 95 Resp: 7909
 Ion Ratio Lower Upper
 95 100
 97 72.0 45.9 85.3
 132 110.1 63.8 118.4
 130 105.8 65.5 121.7

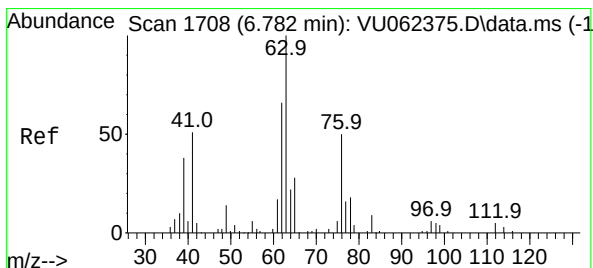
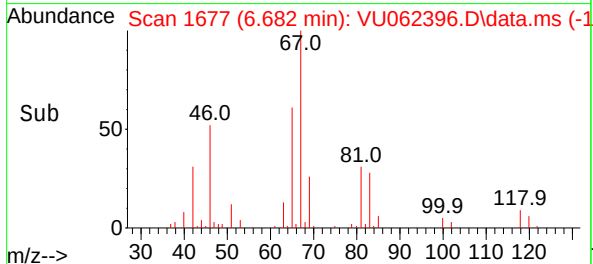
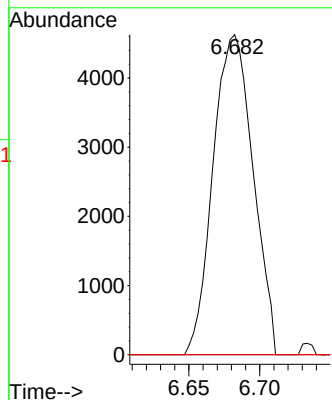
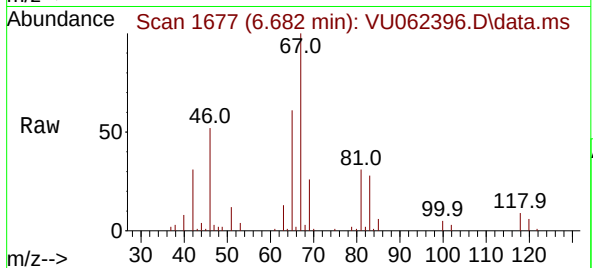




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062396.D
Acq: 17 Dec 2024 18:29

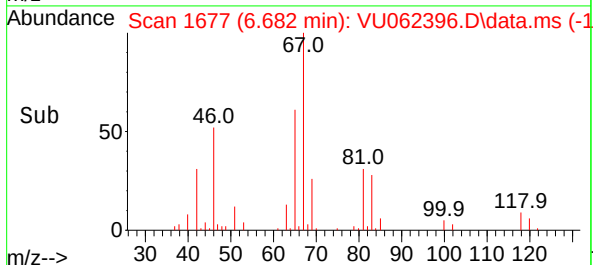
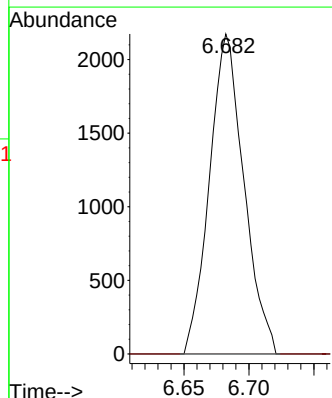
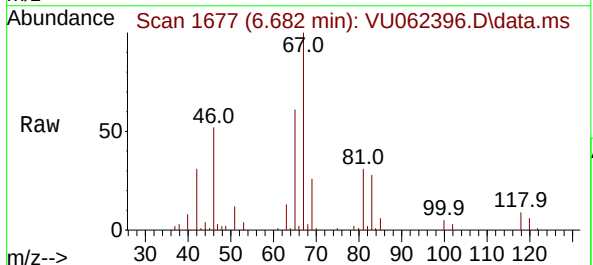
Instrument :
MSVOA_U
ClientSampleId :

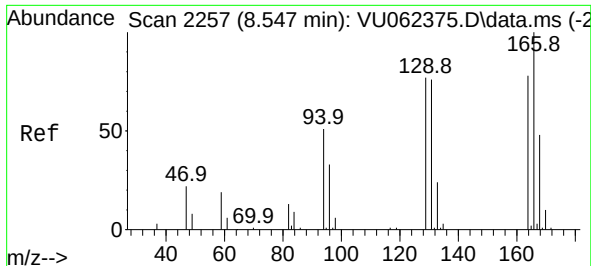
Tgt Ion: 83 Resp: 9092
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.2 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU062396.D
Acq: 17 Dec 2024 18:29

Tgt Ion: 63 Resp: 4006
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 0.888 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

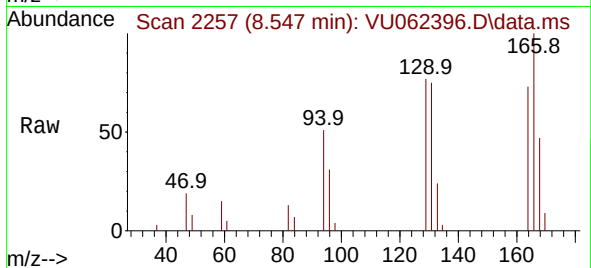
Lab File: VU062396.D

Acq: 17 Dec 2024 18:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 5233

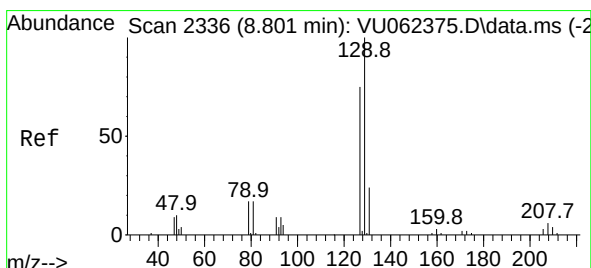
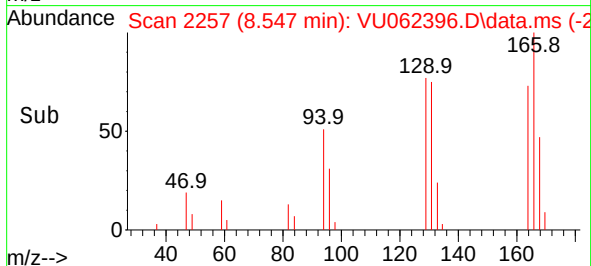
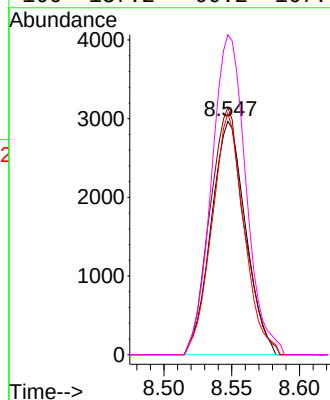
Ion Ratio Lower Upper

164 100

129 105.9 73.2 136.0

131 103.4 72.3 134.3

166 137.2 90.2 167.4



#49

Dibromochloromethane

Concen: 0.927 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU062396.D

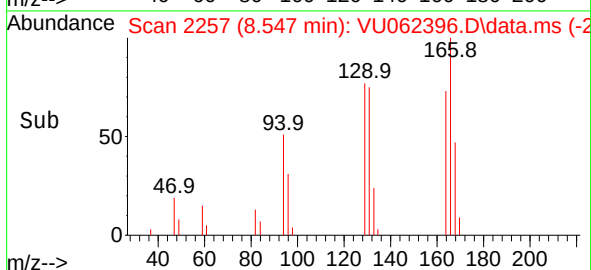
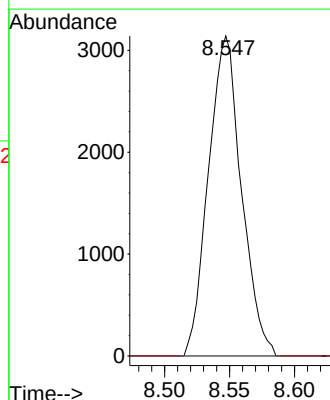
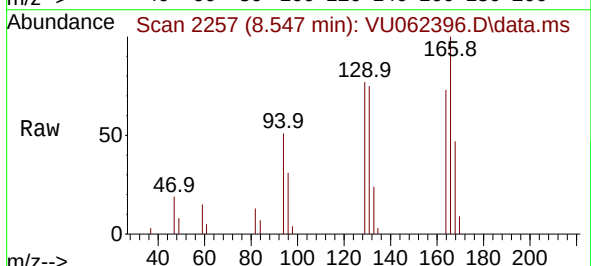
Acq: 17 Dec 2024 18:29

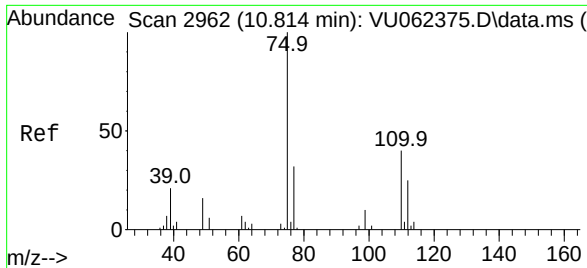
Tgt Ion:129 Resp: 5548

Ion Ratio Lower Upper

129 100

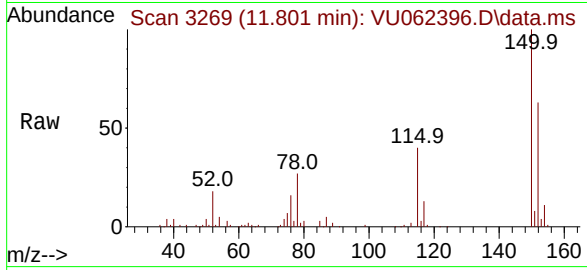
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.054 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU062396.D
Acq: 17 Dec 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4030
Ion Ratio Lower Upper
75 100
110 1.9 28.9 43.3#
77 38.7 26.5 39.7

