

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062397.D
 Acq On : 17 Dec 2024 18:54
 Operator : MD/SY
 Sample : P5310-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:17:49 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)

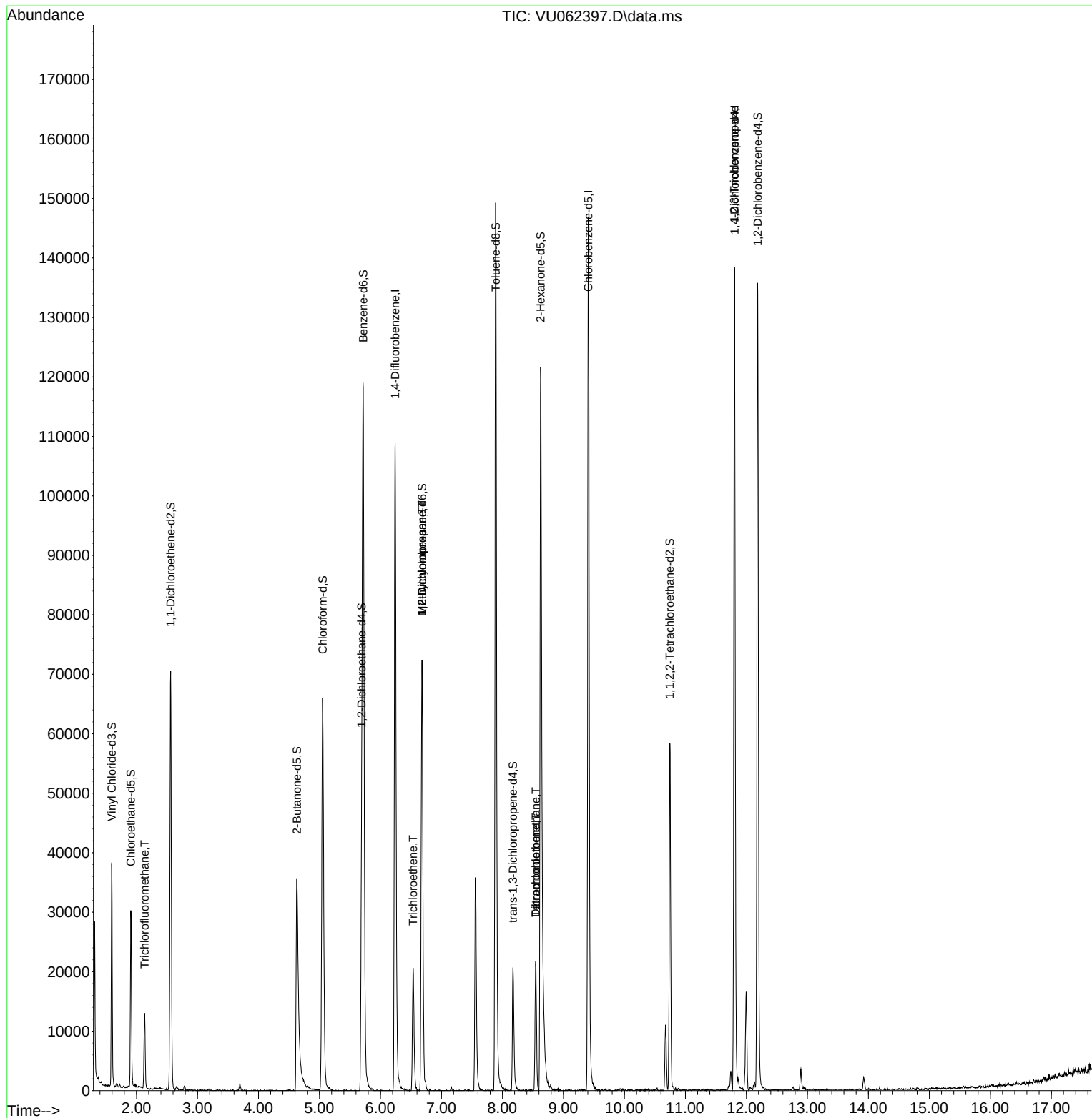
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93683	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26399	4.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	21657	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	13090	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.631	46	56785	46.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	5.052	84	64521	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	34072	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	115404	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	32921	4.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	105037	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.174	79	13206	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	42816	44.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27423	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	38393	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	8476	0.682	ug/L	97
34) Trichloroethene	6.534	95	7363	0.958	ug/L	93
35) Methylcyclohexane	6.682	83	8798	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3895	0.589	ug/L #	87
47) Tetrachloroethene	8.547	164	5119	0.863	ug/L	96
49) Dibromochloromethane	8.547	129	5103	0.847	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4094	1.099	ug/L #	69

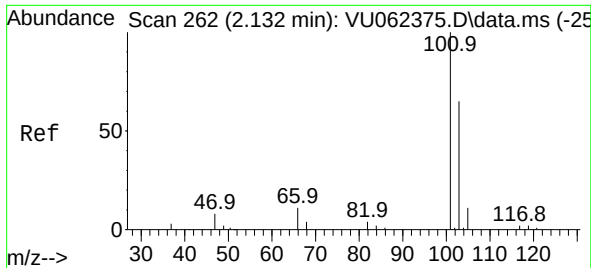
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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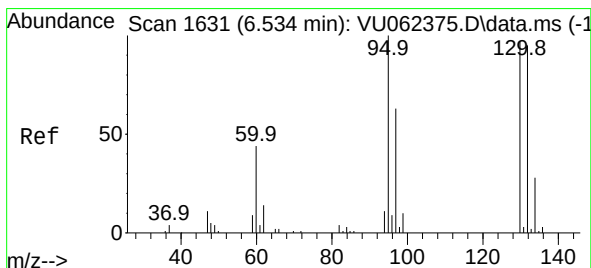
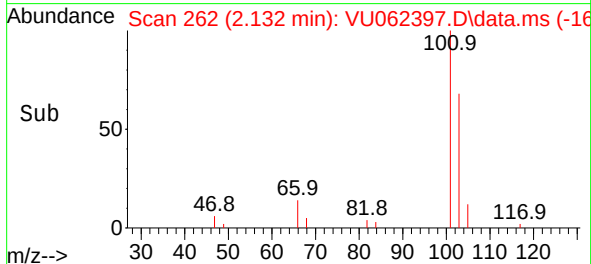
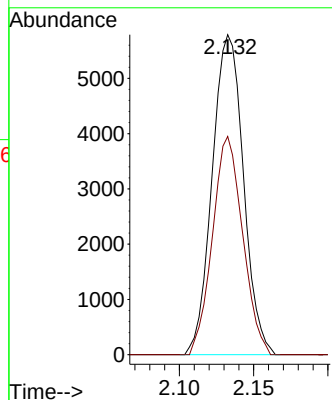
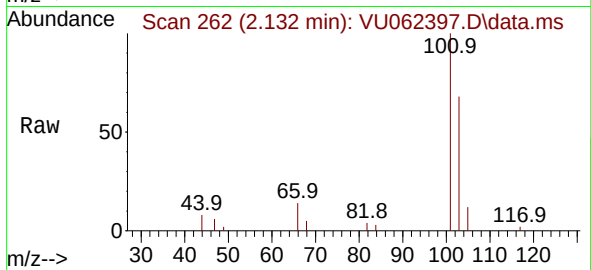




#9
 Trichlorofluoromethane
 Concen: 0.682 ug/L
 RT: 2.132 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VU062397.D
 Acq: 17 Dec 2024 18:54

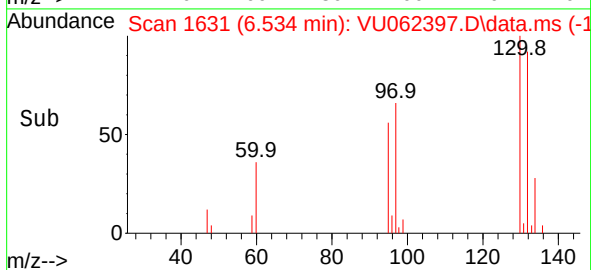
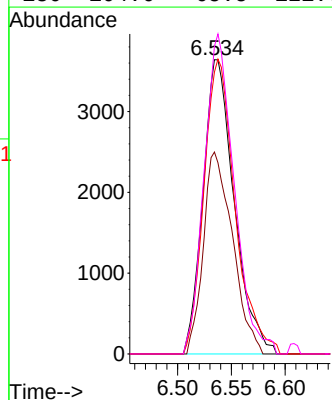
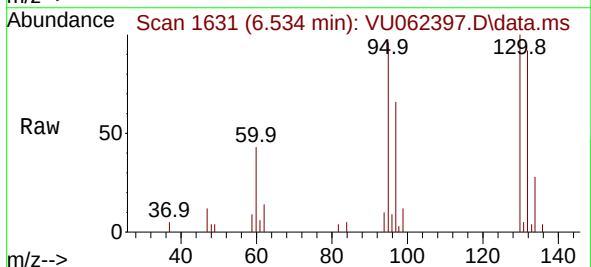
Instrument :
 MSVOA_U
 ClientSampleId :

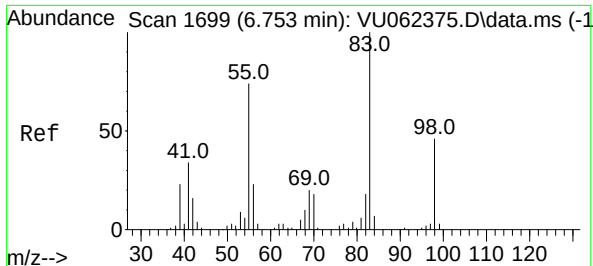
Tgt Ion:101 Resp: 8476
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.6 75.8



#34
 Trichloroethene
 Concen: 0.958 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU062397.D
 Acq: 17 Dec 2024 18:54

Tgt Ion: 95 Resp: 7363
 Ion Ratio Lower Upper
 95 100
 97 68.6 45.9 85.3
 132 95.8 63.8 118.4
 130 104.6 65.5 121.7





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062397.D

Acq: 17 Dec 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

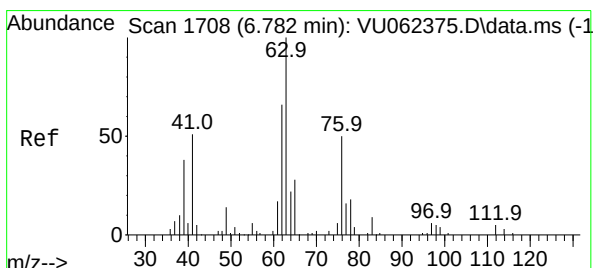
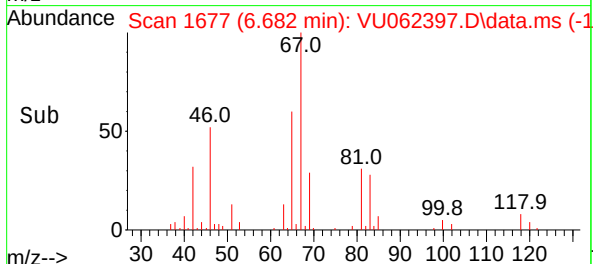
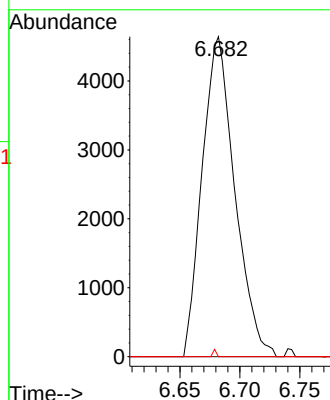
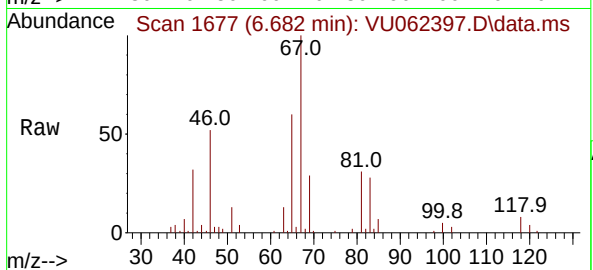
Tgt Ion: 83 Resp: 8798

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: 0.589 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062397.D

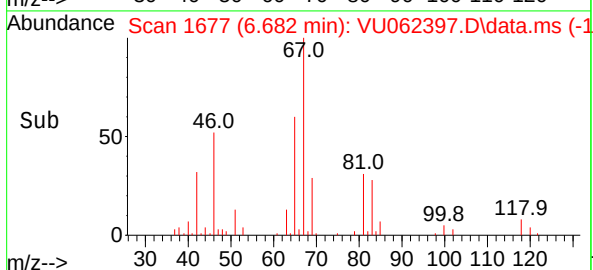
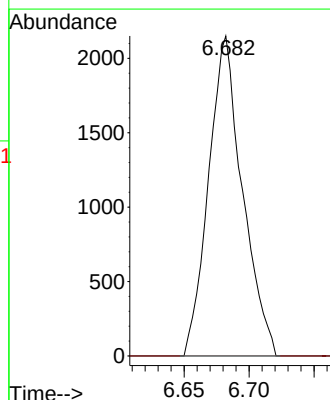
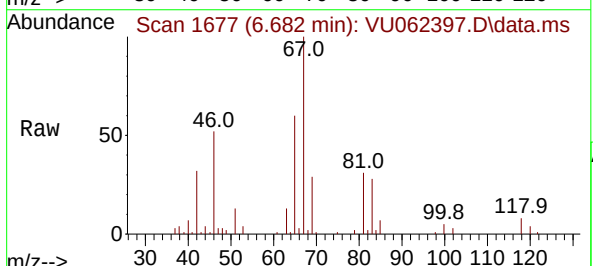
Acq: 17 Dec 2024 18:54

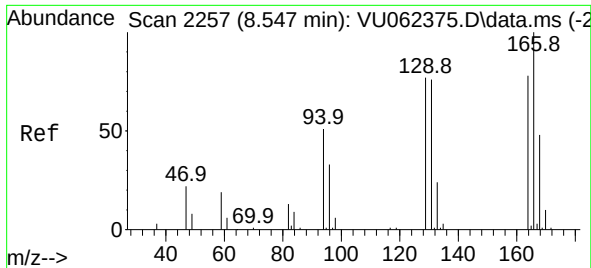
Tgt Ion: 63 Resp: 3895

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 0.863 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

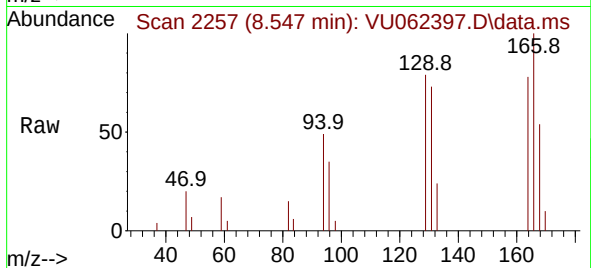
Lab File: VU062397.D

Acq: 17 Dec 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 5119

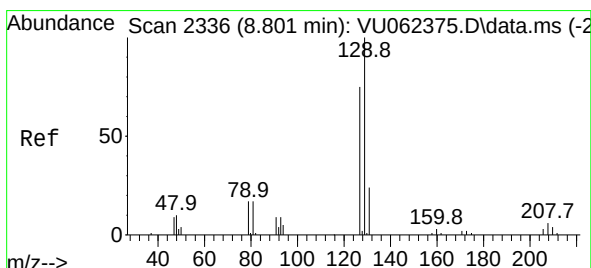
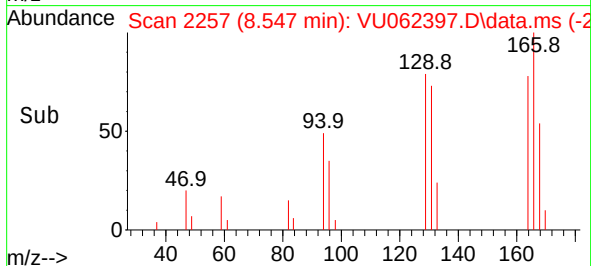
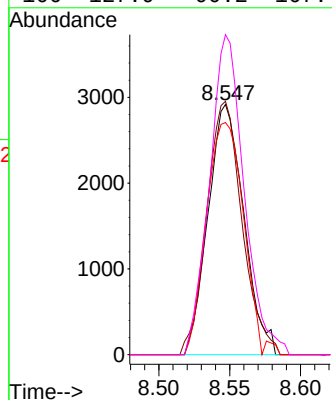
Ion Ratio Lower Upper

164 100

129 101.3 73.2 136.0

131 92.8 72.3 134.3

166 127.9 90.2 167.4



#49

Dibromochloromethane

Concen: 0.847 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU062397.D

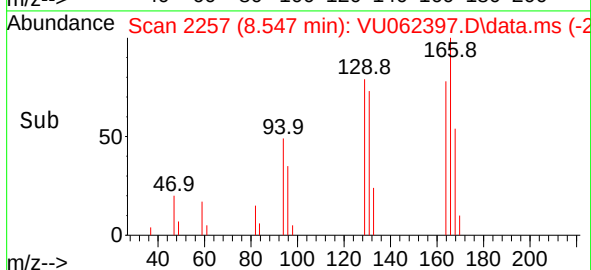
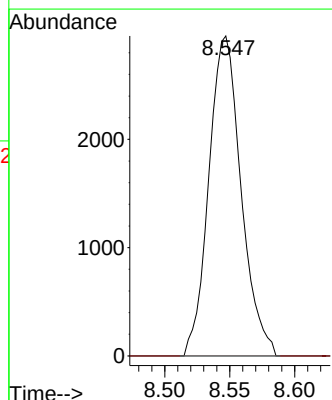
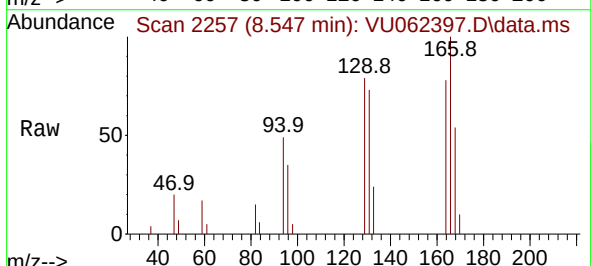
Acq: 17 Dec 2024 18:54

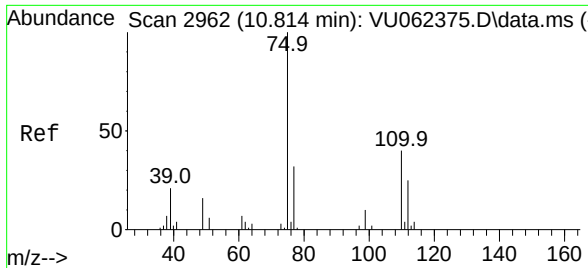
Tgt Ion:129 Resp: 5103

Ion Ratio Lower Upper

129 100

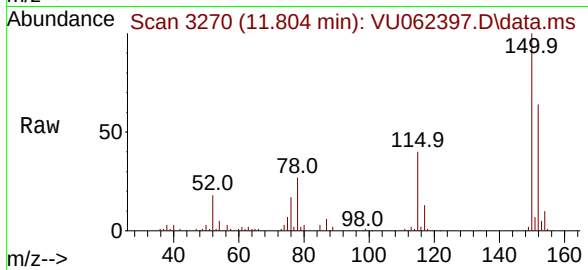
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.099 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062397.D
 Acq: 17 Dec 2024 18:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4094
Ion	Ratio	Lower	Upper
75	100		
110	1.8	28.9	43.3#
77	33.3	26.5	39.7

