

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062539.D
 Acq On : 20 Dec 2024 22:50
 Operator : MD/SY
 Sample : P5345-02DL 400X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:42:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

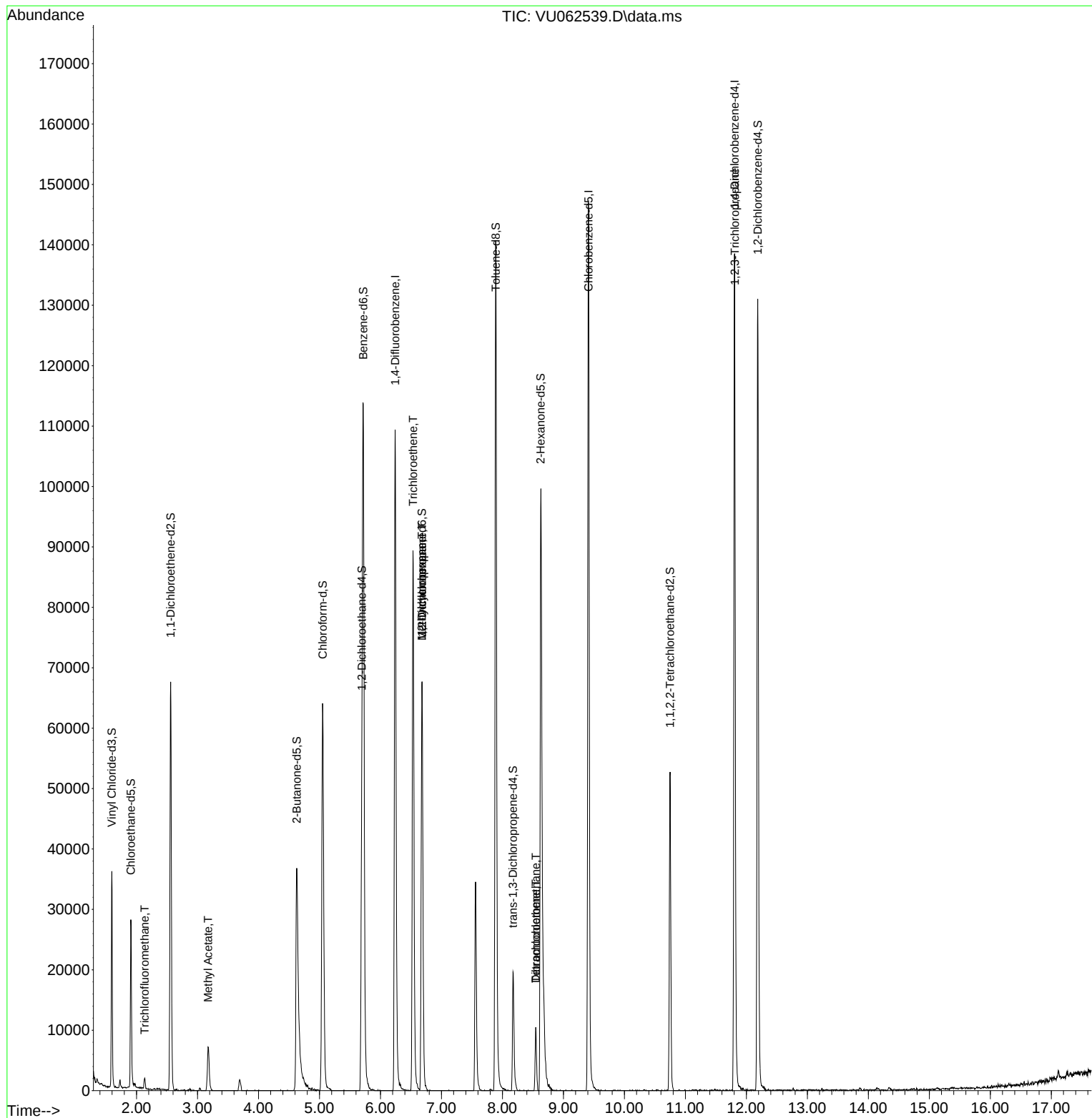
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24234	3.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	19539	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	12558	4.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.627	46	49211	42.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.100%
24) Chloroform-d	5.052	84	63658	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	34191	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.717	84	106391	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.679	67	30486	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	99281	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.174	79	12730	4.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.627	63	35238	37.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	24411	4.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37973	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.132	101	1456	0.121	ug/L	95
15) Methyl Acetate	3.174	43	525	0.263	ug/L #	51
34) Trichloroethene	6.534	95	32524	4.261	ug/L	97
35) Methylcyclohexane	6.679	83	8369	0.739	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3731	0.569	ug/L #	87
47) Tetrachloroethene	8.547	164	2593	0.440	ug/L	81
49) Dibromochloromethane	8.547	129	2149	0.359	ug/L #	13
61) 1,2,3-Trichloropropane	11.810	75	4000	1.075	ug/L #	68

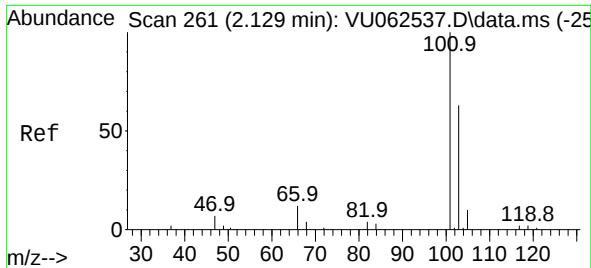
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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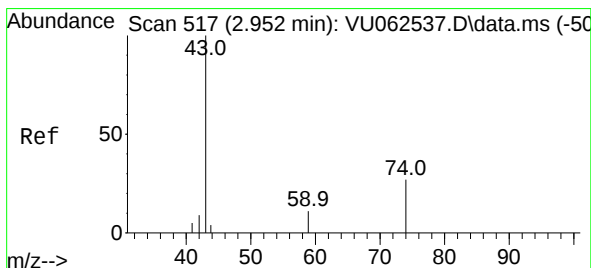
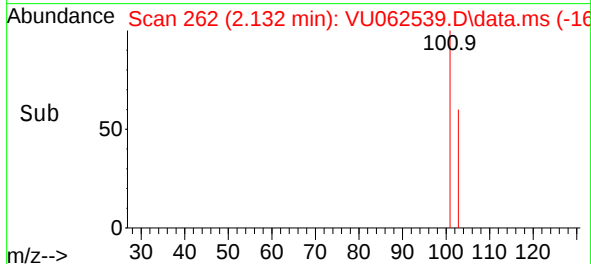
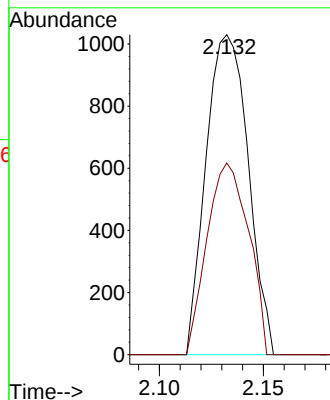
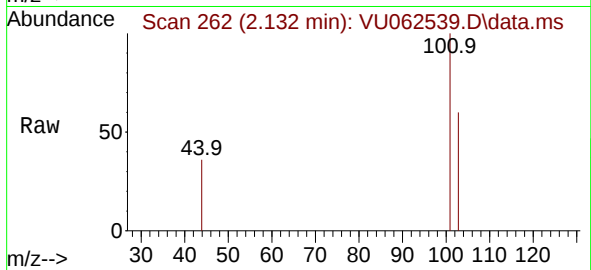




#9
Trichlorofluoromethane
Concen: 0.121 ug/L
RT: 2.132 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

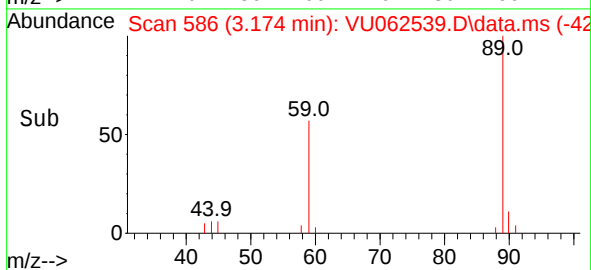
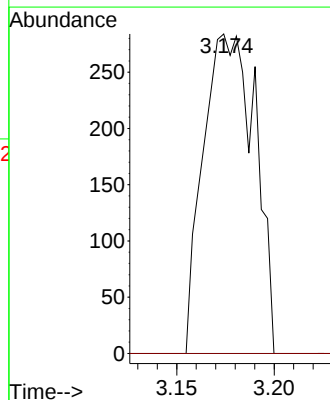
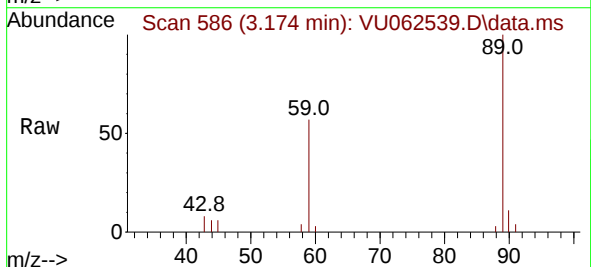
Instrument :
MSVOA_U
ClientSampleId :

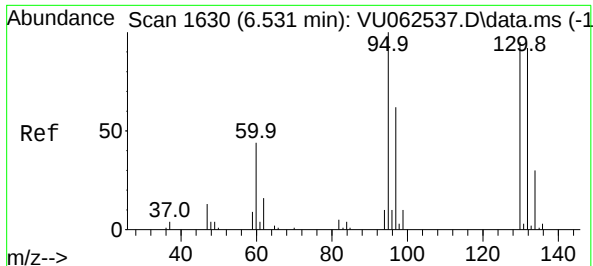
Tgt Ion:101 Resp: 1456
Ion Ratio Lower Upper
101 100
103 59.1 50.6 75.8



#15
Methyl Acetate
Concen: 0.263 ug/L
RT: 3.174 min Scan# 586
Delta R.T. 0.222 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

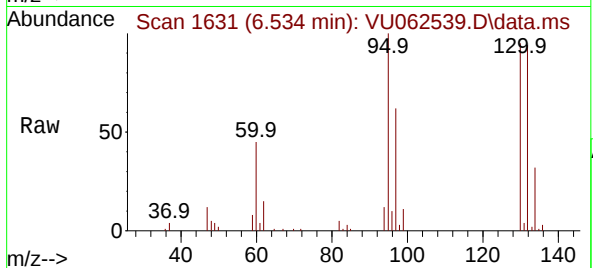
Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



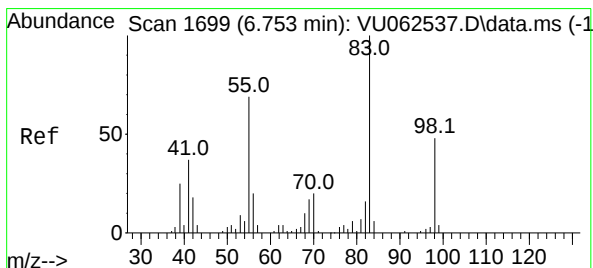
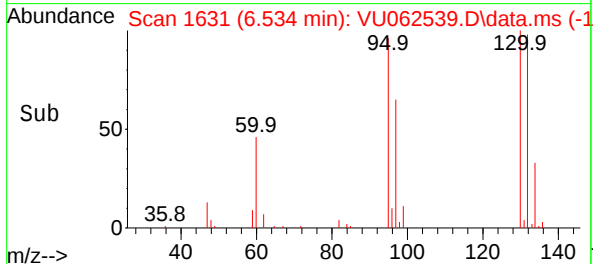
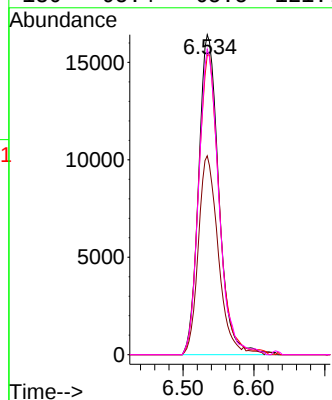


#34
Trichloroethene
Concen: 4.261 ug/L
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

Instrument :
MSVOA_U
ClientSampleId :

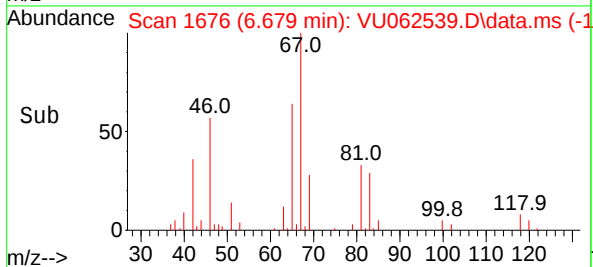
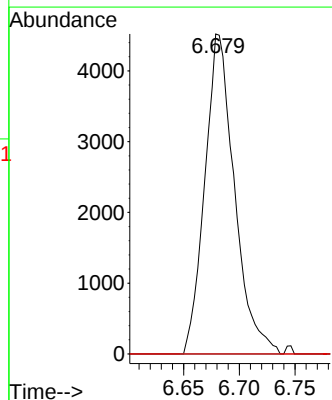
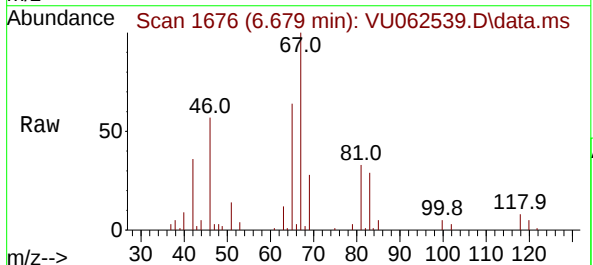


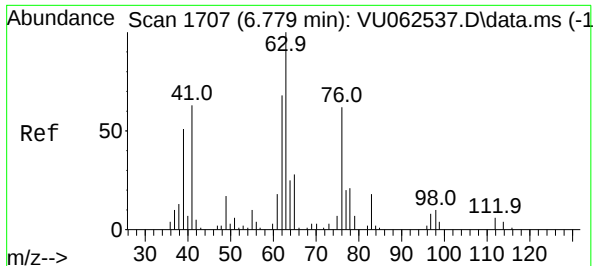
Tgt Ion: 95 Resp: 32524
Ion Ratio Lower Upper
95 100
97 62.2 45.9 85.3
132 93.6 63.8 118.4
130 95.4 65.5 121.7



#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

Tgt Ion: 83 Resp: 8369
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.2 34.8 52.2#

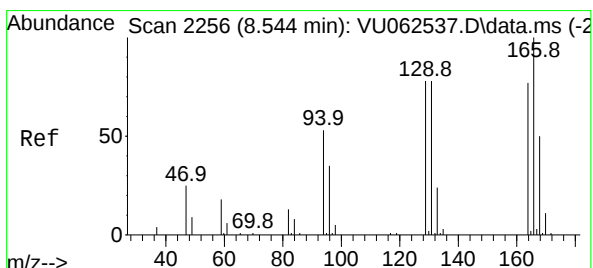
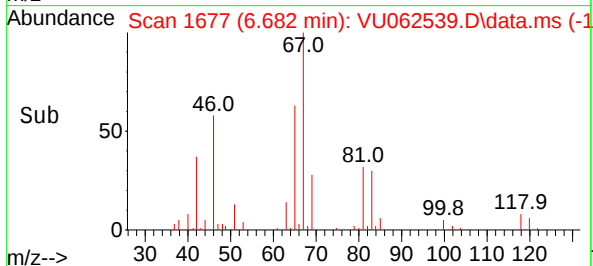
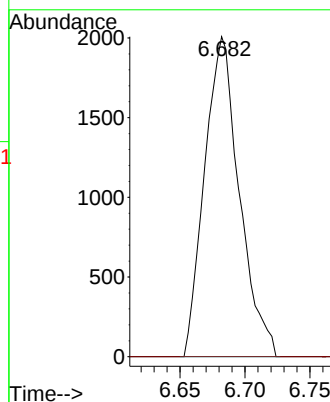
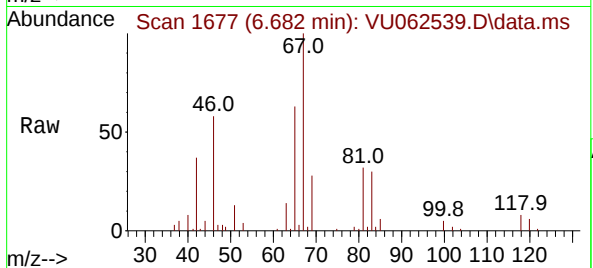




#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

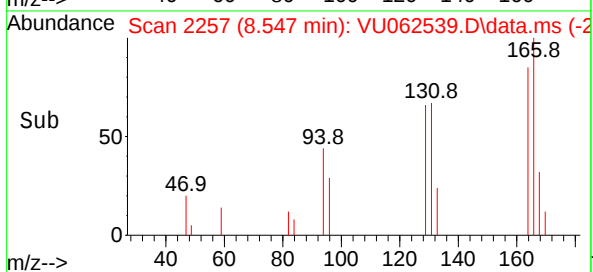
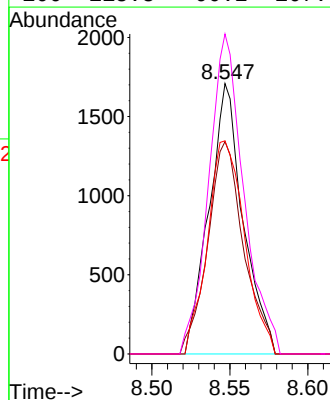
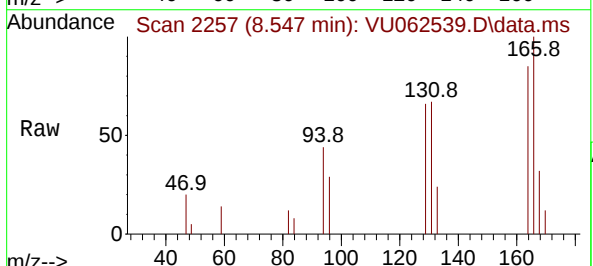
Instrument :
MSVOA_U
ClientSampleId :

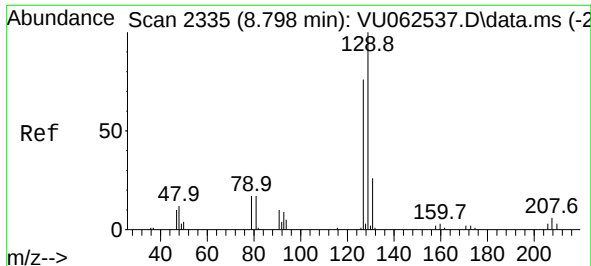
Tgt Ion: 63 Resp: 3731
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.440 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062539.D
Acq: 20 Dec 2024 22:50

Tgt Ion:164 Resp: 2593
Ion Ratio Lower Upper
164 100
129 78.5 73.2 136.0
131 78.8 72.3 134.3
166 118.3 90.2 167.4





#49

Dibromochloromethane

Concen: 0.359 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.251 min MSVOA_U

Lab File: VU062539.D

Acq: 20 Dec 2024 22:50

Instrument :

MSVOA_U

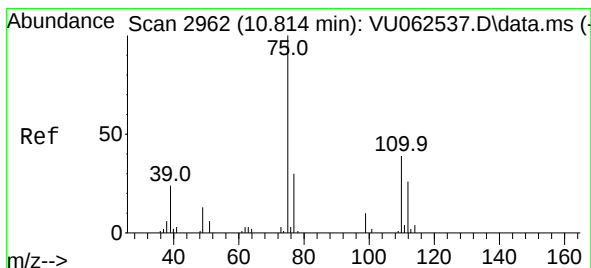
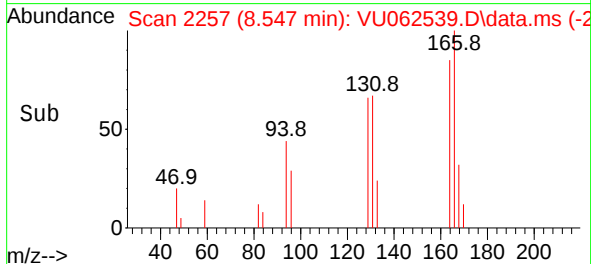
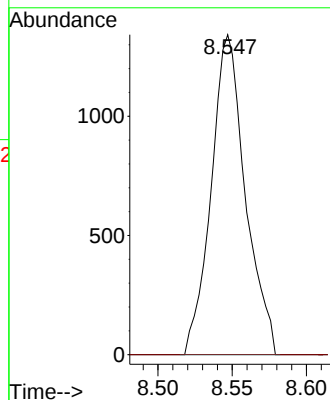
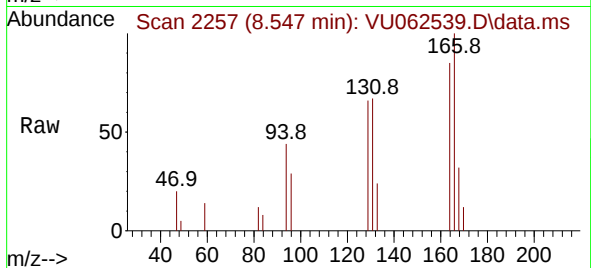
ClientSampleId :

Tgt Ion:129 Resp: 2149

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.075 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.997 min

Lab File: VU062539.D

Acq: 20 Dec 2024 22:50

Tgt Ion: 75 Resp: 4000

Ion Ratio Lower Upper

75 100

110 1.8 28.9 43.3#

77 35.0 26.5 39.7

