

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062436.D
 Acq On : 18 Dec 2024 21:11
 Operator : MD/SY
 Sample : P5309-12DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:17:05 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)

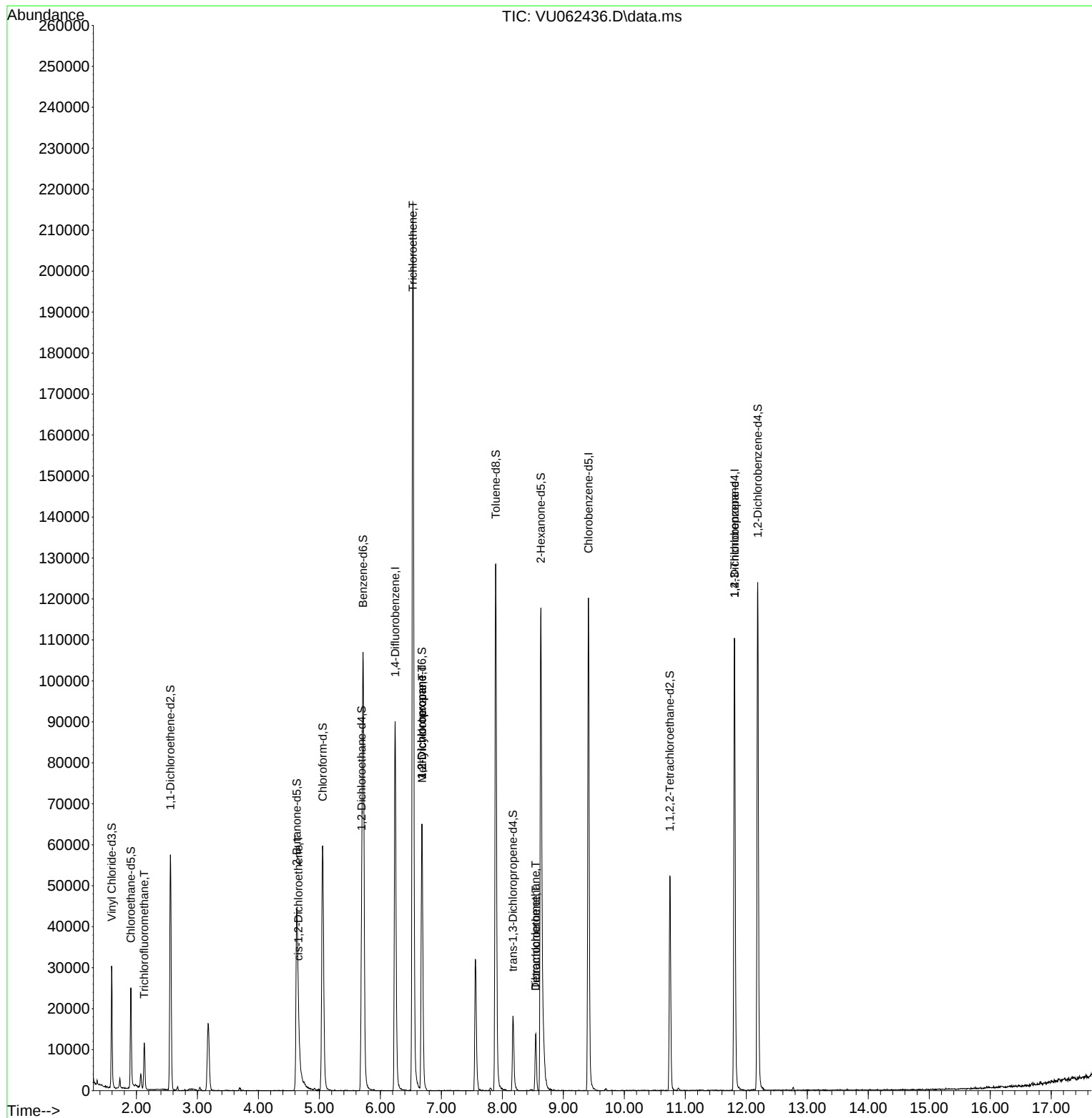
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21236	4.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	18009	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.557	65	11462	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.628	46	52886	53.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.240%
24) Chloroform-d	5.052	84	58811	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.692	65	32471	5.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.714	84	101187	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.679	67	30251	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.891	98	93243	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.174	79	12615	4.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.631	63	41496	54.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24828	5.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	35082	5.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.126	101	7814	0.765	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	1367	0.228	ug/L	91
34) Trichloroethene	6.531	95	76711	12.504	ug/L	94
35) Methylcyclohexane	6.682	83	7924	0.871	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3677	0.697	ug/L #	87
47) Tetrachloroethene	8.547	164	3161	0.667	ug/L	96
49) Dibromochloromethane	8.544	129	3260	0.678	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3068	1.014	ug/L #	65

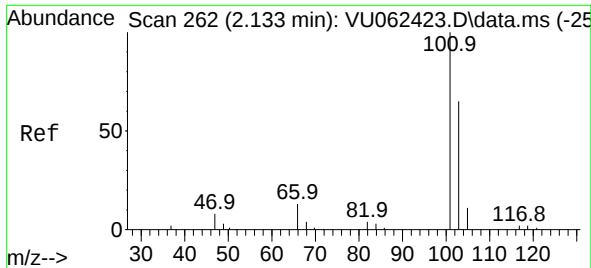
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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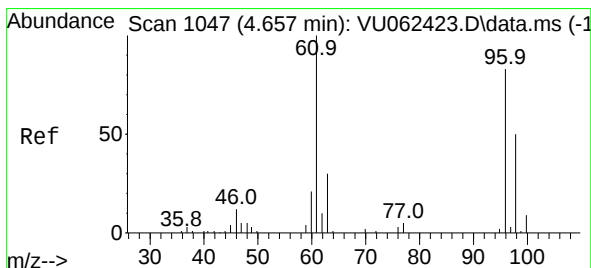
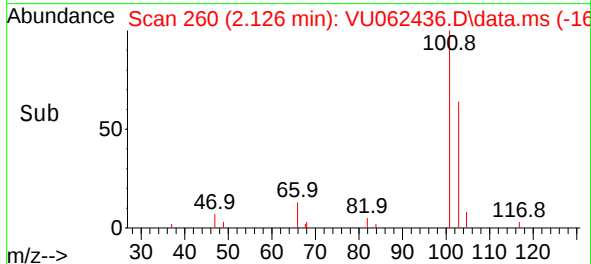
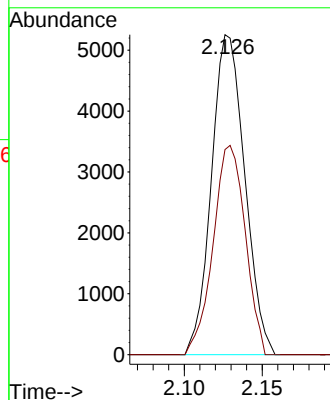
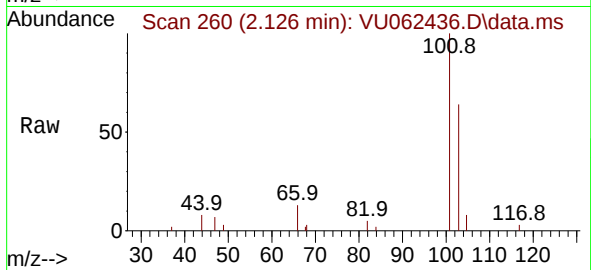




#9
 Trichlorofluoromethane
 Concen: 0.765 ug/L
 RT: 2.126 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VU062436.D
 Acq: 18 Dec 2024 21:11

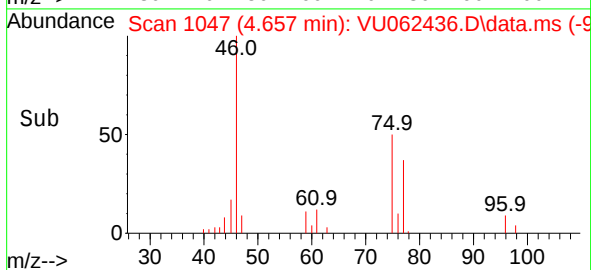
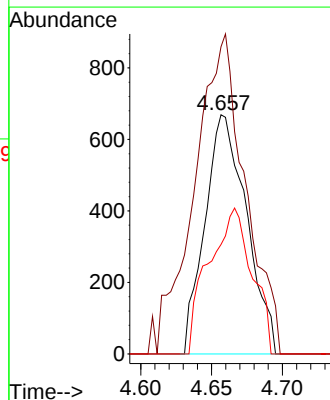
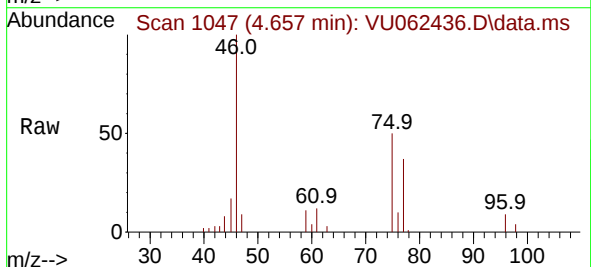
Instrument :
 MSVOA_U
 ClientSampleId :

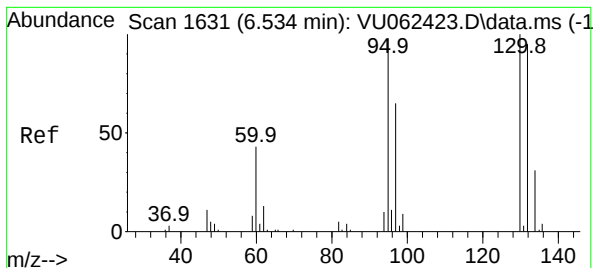
Tgt Ion:101 Resp: 7814
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.6 75.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.228 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062436.D
 Acq: 18 Dec 2024 21:11

Tgt Ion: 96 Resp: 1367
 Ion Ratio Lower Upper
 96 100
 61 128.4 92.0 170.8
 98 45.7 44.5 82.7





#34

Trichloroethene

Concen: 12.504 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062436.D

Acq: 18 Dec 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 76711

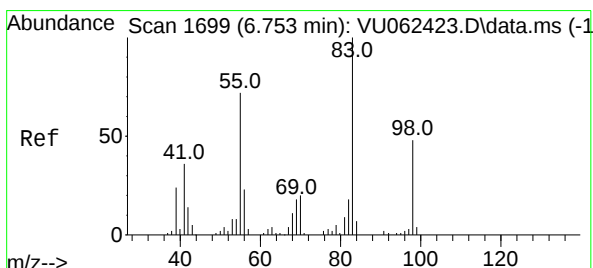
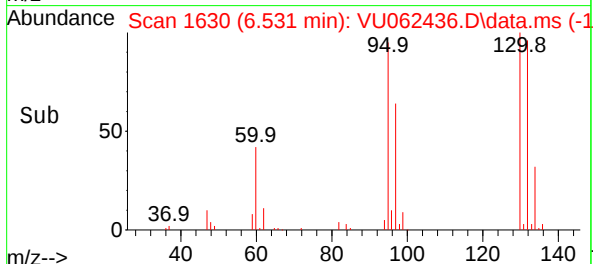
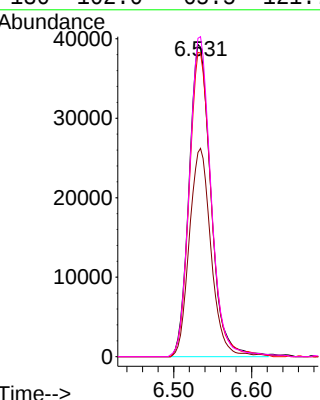
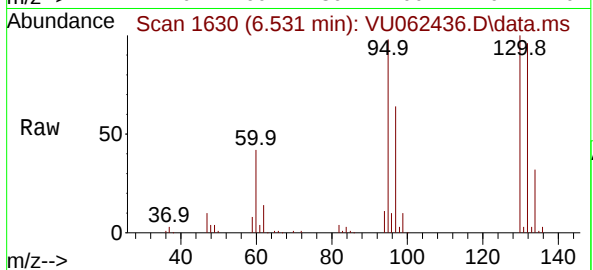
Ion Ratio Lower Upper

95 100

97 65.4 45.9 85.3

132 97.5 63.8 118.4

130 102.0 65.5 121.7



#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062436.D

Acq: 18 Dec 2024 21:11

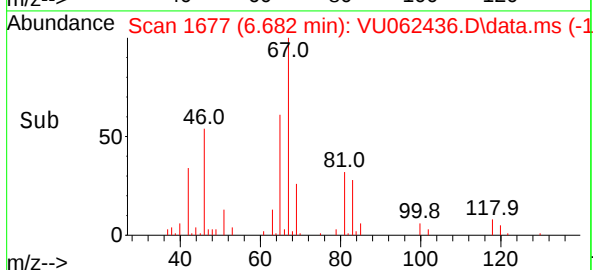
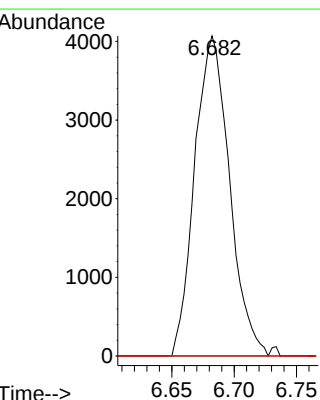
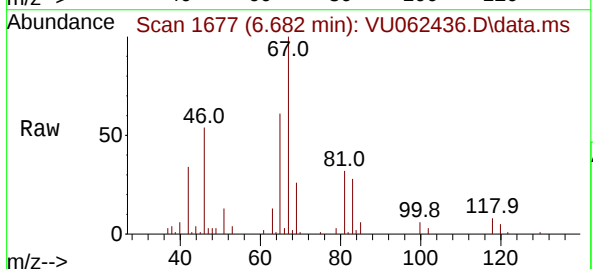
Tgt Ion: 83 Resp: 7924

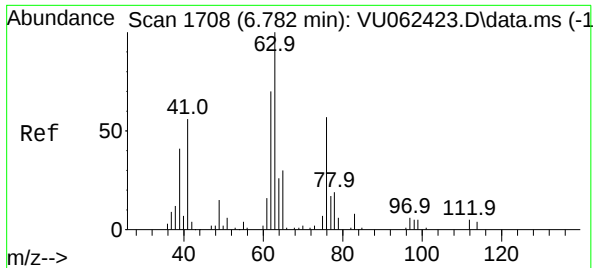
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

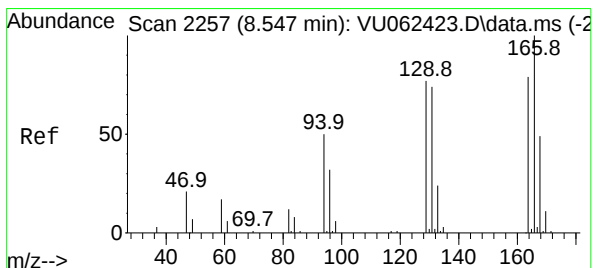
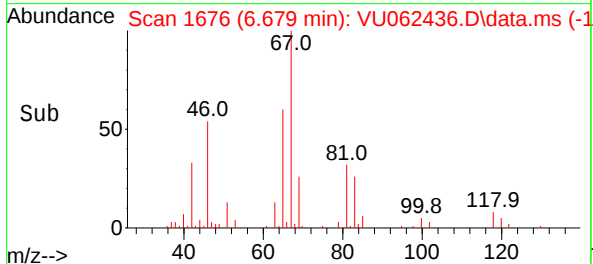
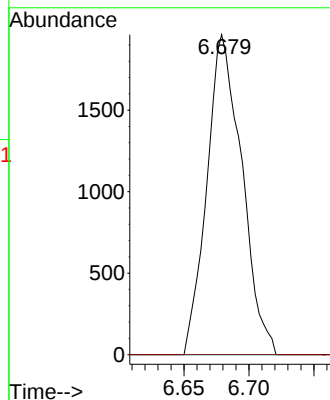
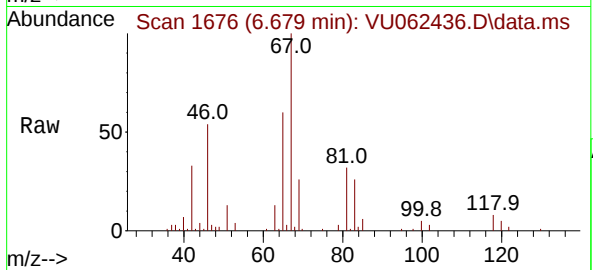




#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062436.D
Acq: 18 Dec 2024 21:11

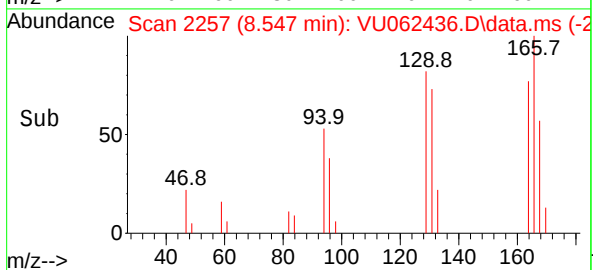
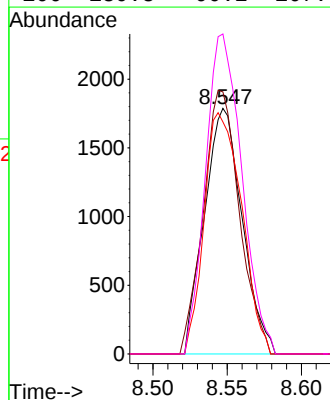
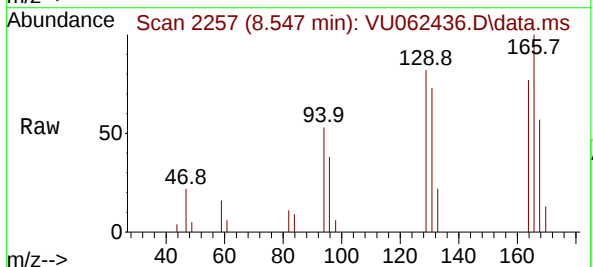
Instrument :
MSVOA_U
ClientSampleId :

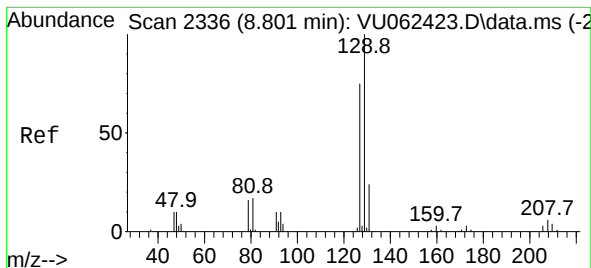
Tgt Ion: 63 Resp: 3677
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.667 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU062436.D
Acq: 18 Dec 2024 21:11

Tgt Ion:164 Resp: 3161
Ion Ratio Lower Upper
164 100
129 106.7 73.2 136.0
131 94.5 72.3 134.3
166 130.3 90.2 167.4





#49

Dibromochloromethane

Concen: 0.678 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062436.D

Acq: 18 Dec 2024 21:11

Instrument :

MSVOA_U

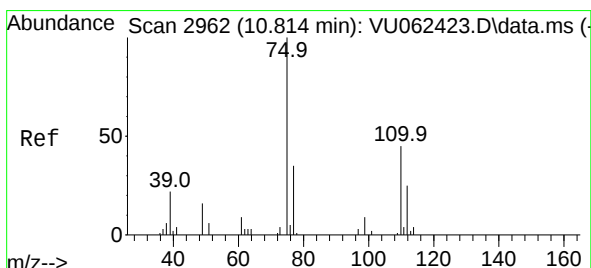
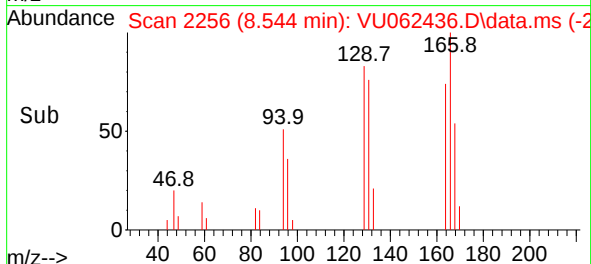
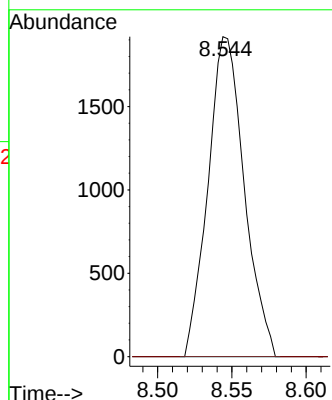
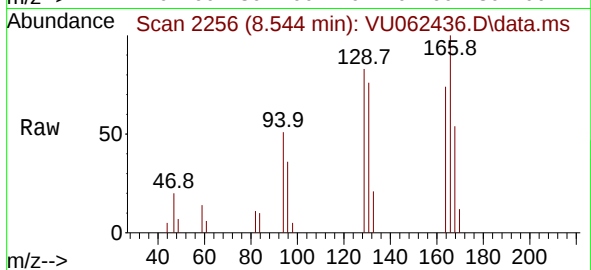
ClientSampleId :

Tgt Ion:129 Resp: 3260

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.014 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU062436.D

Acq: 18 Dec 2024 21:11

Tgt Ion: 75 Resp: 3068

Ion Ratio Lower Upper

75 100

110 2.6 28.9 43.3#

77 38.9 26.5 39.7

