

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062362.D
 Acq On : 17 Dec 2024 02:21
 Operator : MD/SY
 Sample : P5274-04DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

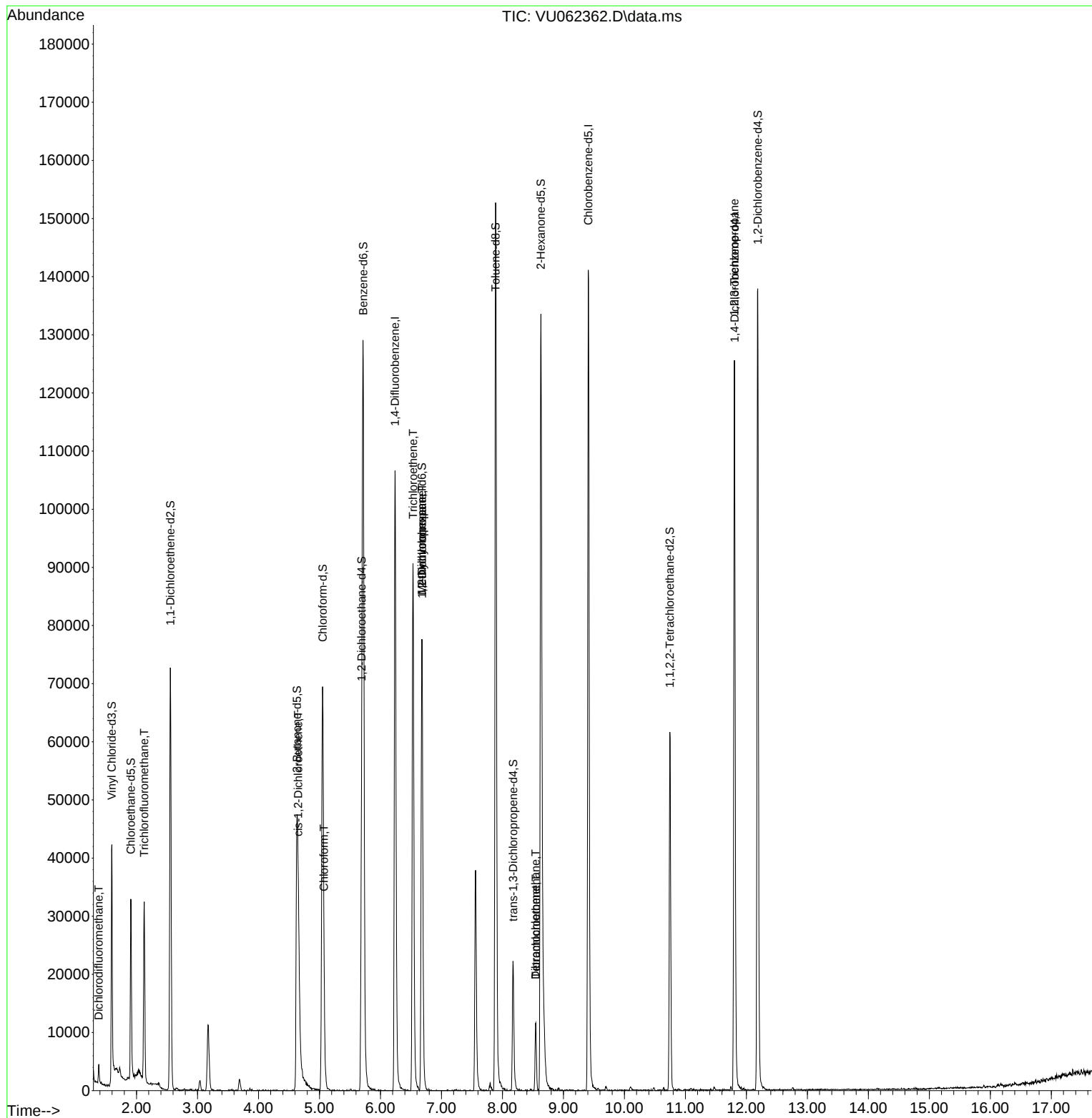
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28703	4.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.907	69	22534	5.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.557	65	13958	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.631	46	65773	56.982	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.960%
24) Chloroform-d	5.052	84	67907	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.692	65	38454	5.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.000%
32) Benzene-d6	5.718	84	120887	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.679	67	36527	5.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.888	98	109983	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.177	79	14022	4.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	49615	55.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29027	5.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39406	5.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	1833	0.219	ug/L	98
9) Trichlorofluoromethane	2.126	101	19751	1.667	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	7262	1.046	ug/L	95
25) Chloroform	5.074	83	4082	0.319	ug/L	100
34) Trichloroethene	6.534	95	32256	4.504	ug/L	97
35) Methylcyclohexane	6.679	83	9831	0.926	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	4548	0.739	ug/L #	87
47) Tetrachloroethene	8.547	164	2536	0.459	ug/L	86
49) Dibromochloromethane	8.544	129	2412	0.429	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3829	1.141	ug/L #	66

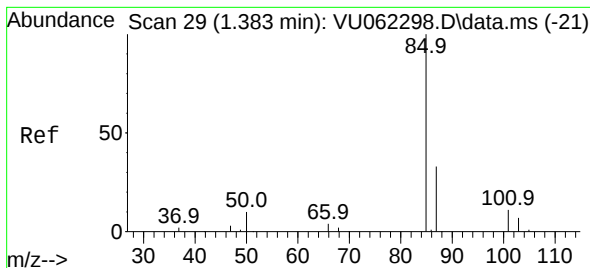
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.219 ug/L

RT: 1.380 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062362.D

Acq: 17 Dec 2024 02:21

Instrument :

MSVOA_U

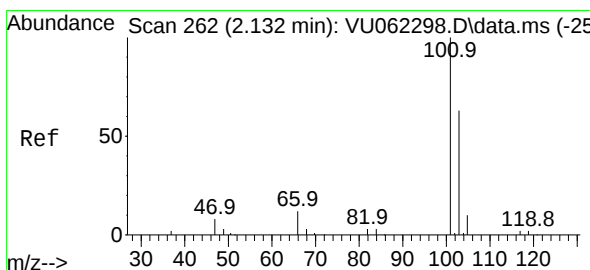
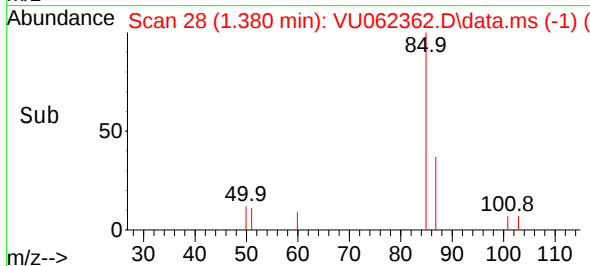
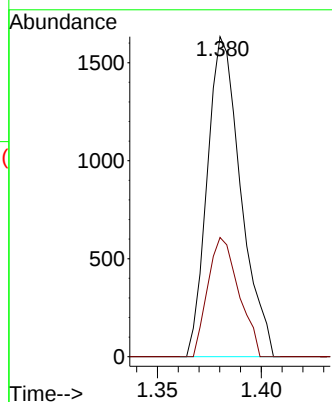
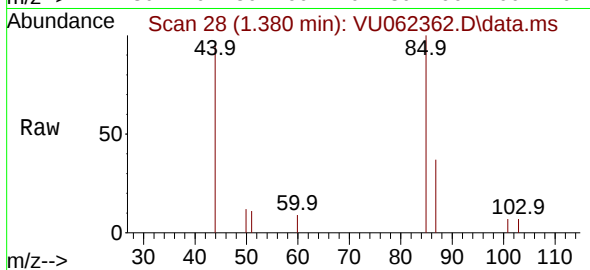
ClientSampleId :

Tgt Ion: 85 Resp: 1833

Ion Ratio Lower Upper

85 100

87 34.4 26.6 40.0



#9

Trichlorofluoromethane

Concen: 1.667 ug/L

RT: 2.126 min Scan# 260

Delta R.T. -0.006 min

Lab File: VU062362.D

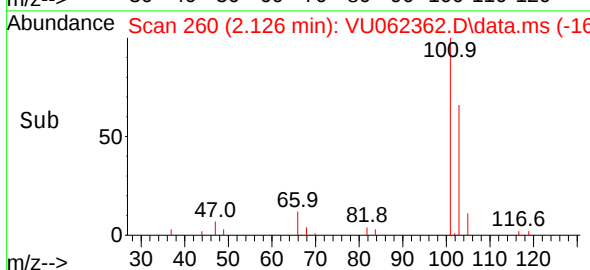
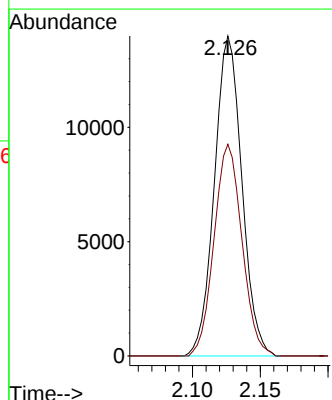
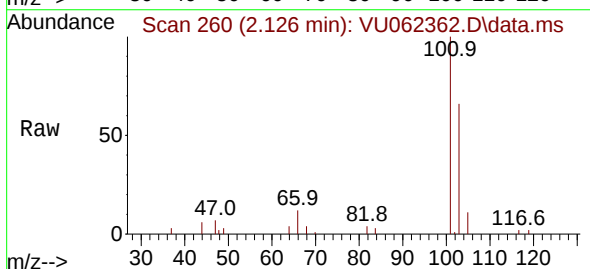
Acq: 17 Dec 2024 02:21

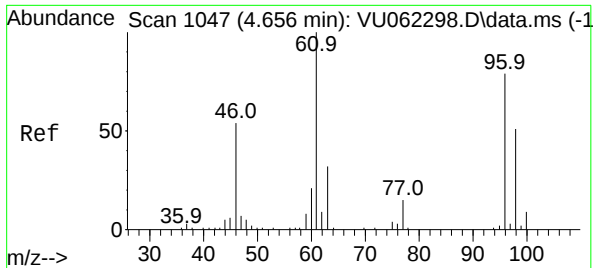
Tgt Ion:101 Resp: 19751

Ion Ratio Lower Upper

101 100

103 67.2 50.6 75.8

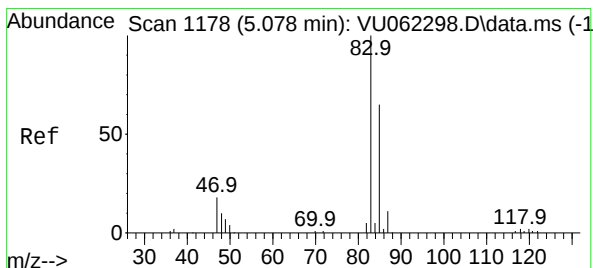
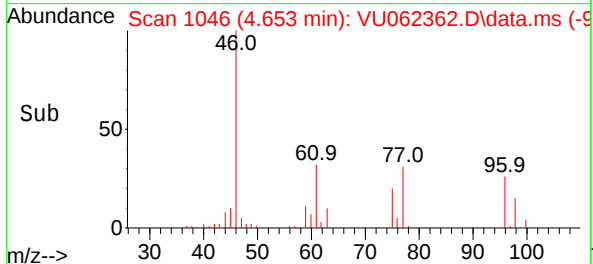
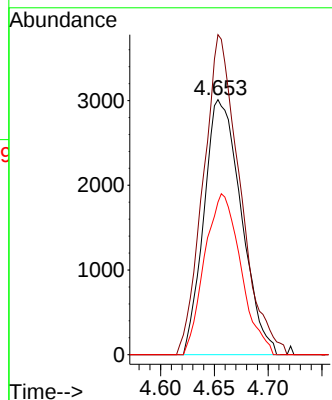
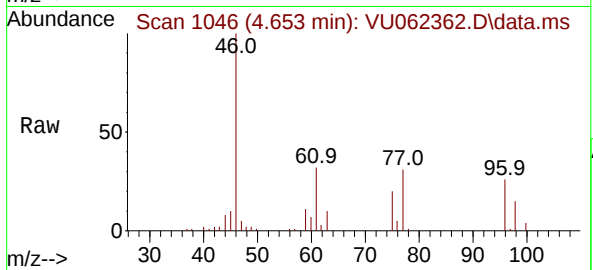




#22
cis-1,2-Dichloroethene
Concen: 1.046 ug/L
RT: 4.653 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU062362.D
Acq: 17 Dec 2024 02:21

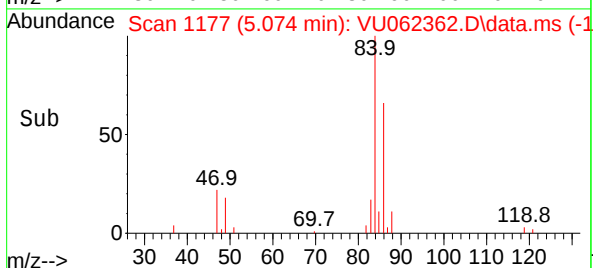
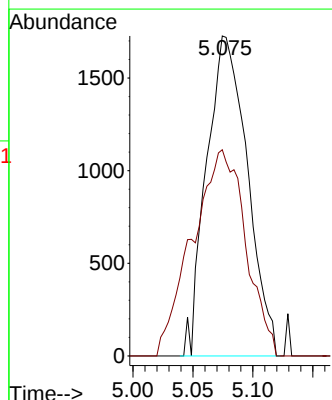
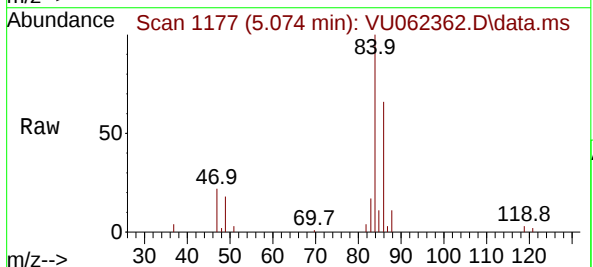
Instrument :
MSVOA_U
ClientSampleId :

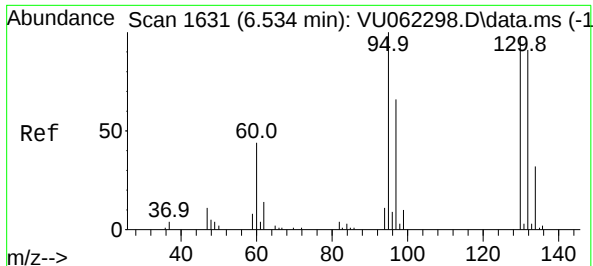
Tgt Ion: 96 Resp: 7262
Ion Ratio Lower Upper
96 100
61 125.4 92.0 170.8
98 59.8 44.5 82.7



#25
Chloroform
Concen: 0.319 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062362.D
Acq: 17 Dec 2024 02:21

Tgt Ion: 83 Resp: 4082
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2





#34

Trichloroethene

Concen: 4.504 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062362.D

Acq: 17 Dec 2024 02:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 32256

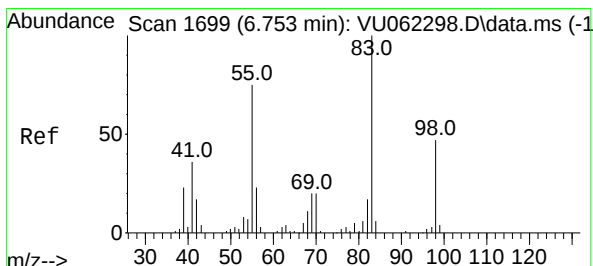
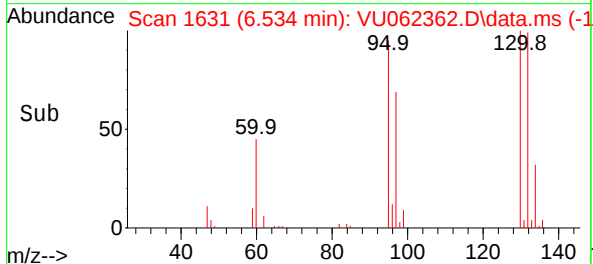
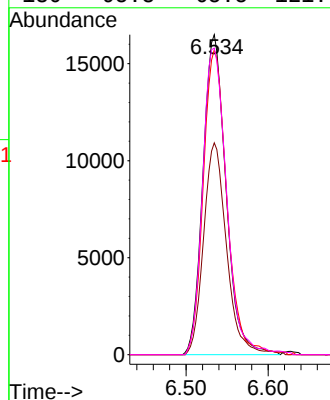
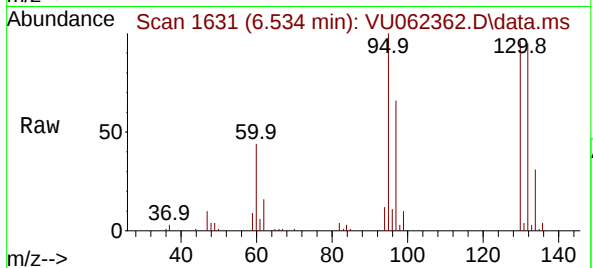
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 95.3 63.8 118.4

130 95.8 65.5 121.7



#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062362.D

Acq: 17 Dec 2024 02:21

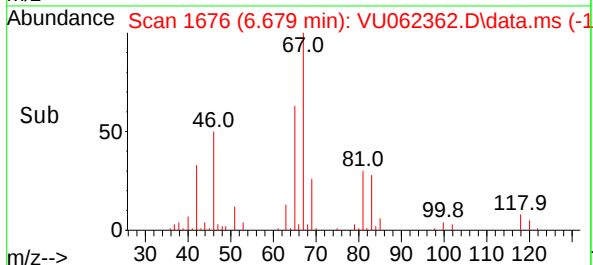
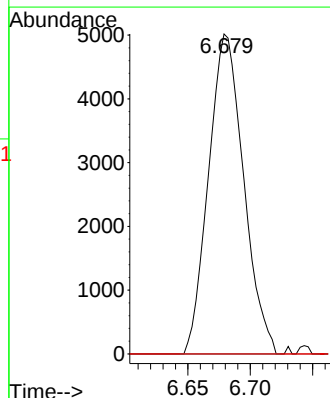
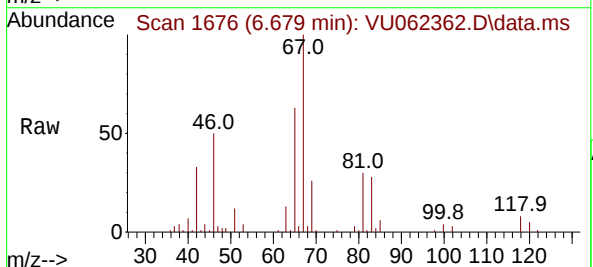
Tgt Ion: 83 Resp: 9831

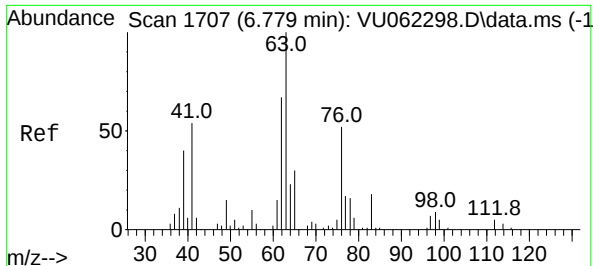
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 10.3 34.8 52.2#

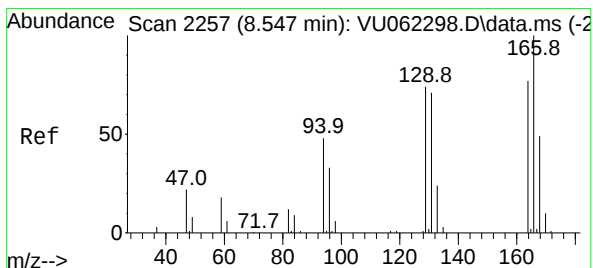
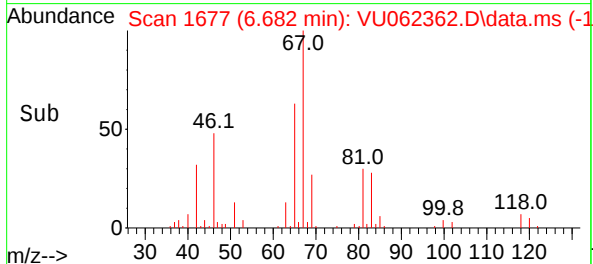
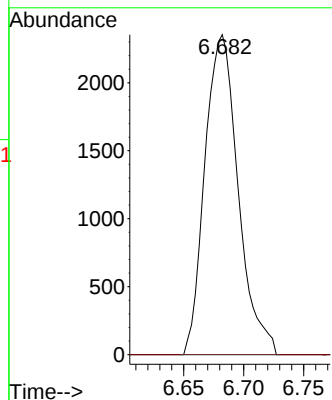
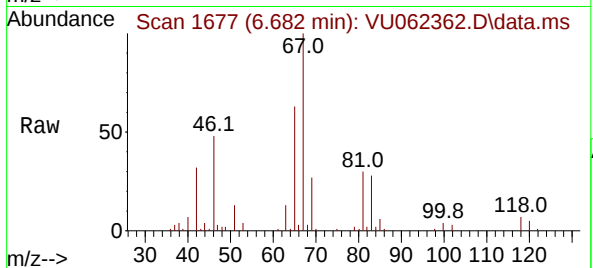




#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062362.D
Acq: 17 Dec 2024 02:21

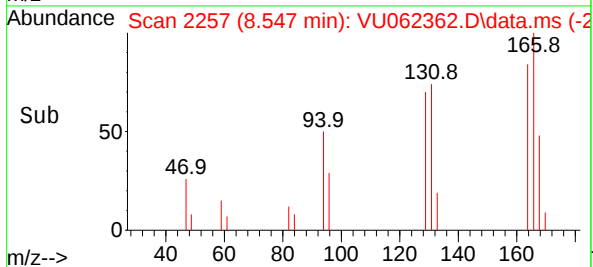
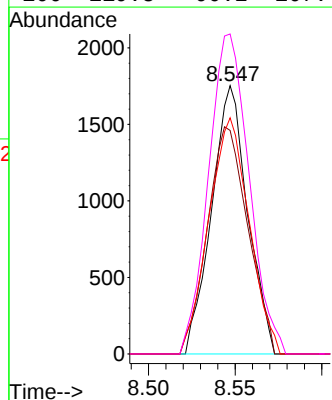
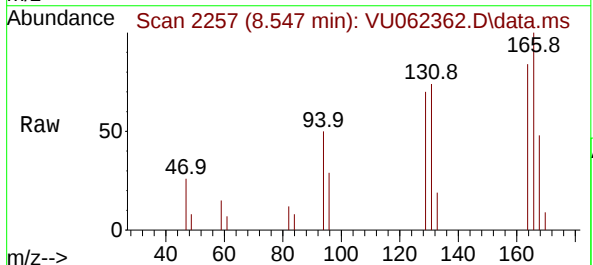
Instrument :
MSVOA_U
ClientSampleId :

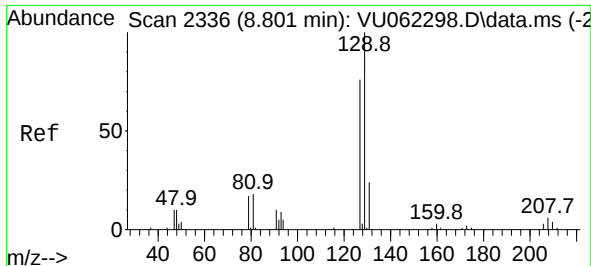
Tgt Ion: 63 Resp: 4548
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.459 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062362.D
Acq: 17 Dec 2024 02:21

Tgt Ion: 164 Resp: 2536
Ion Ratio Lower Upper
164 100
129 83.3 73.2 136.0
131 88.0 72.3 134.3
166 119.3 90.2 167.4





#49

Dibromochloromethane

Concen: 0.429 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU062362.D

Acq: 17 Dec 2024 02:21

Instrument :

MSVOA_U

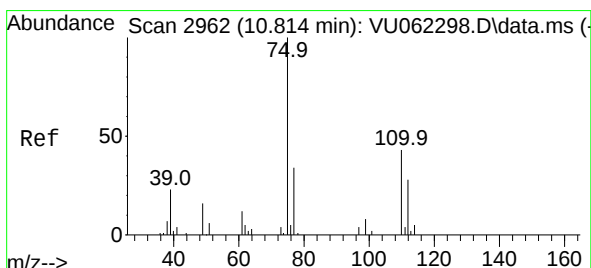
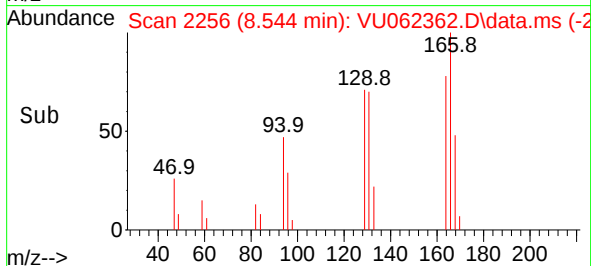
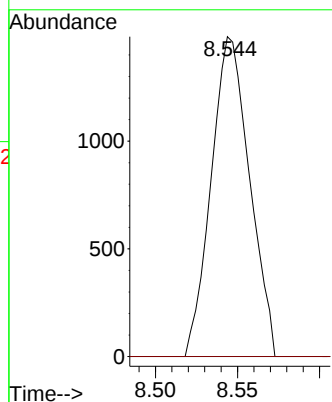
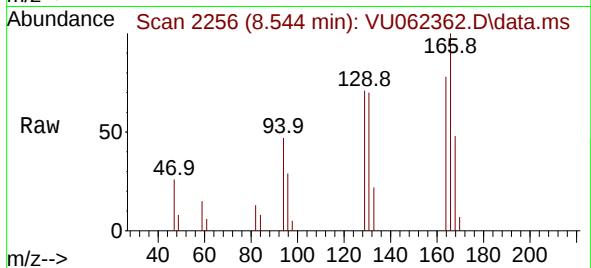
ClientSampleId :

Tgt Ion:129 Resp: 2412

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.141 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU062362.D

Acq: 17 Dec 2024 02:21

Tgt Ion: 75 Resp: 3829

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 36.0 26.5 39.7

