

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062380.D
 Acq On : 17 Dec 2024 11:40
 Operator : MD/SY
 Sample : P5274-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:13:35 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)

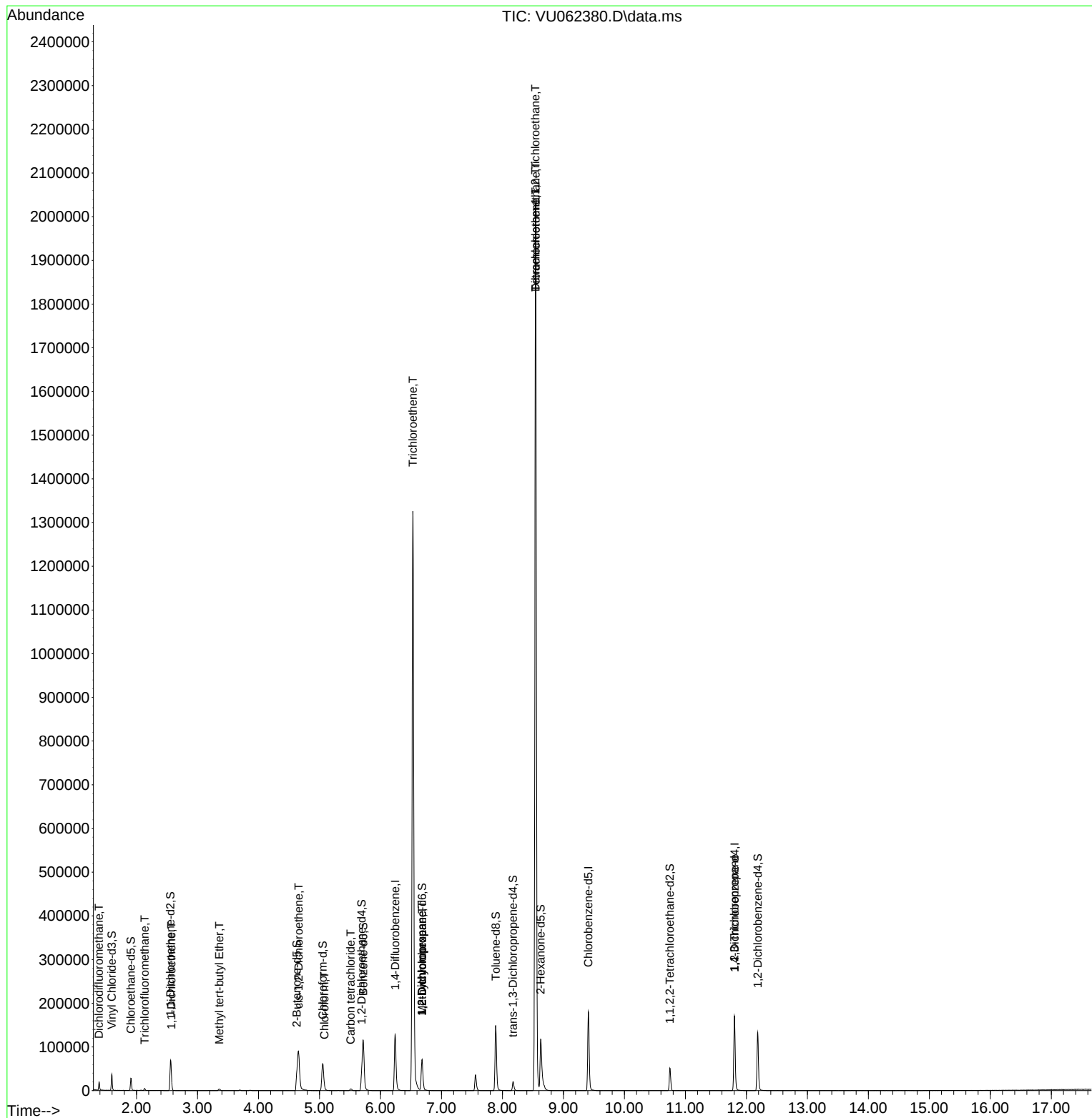
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	104349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25254	3.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.907	69	20295	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.557	65	12679	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.628	46	53375	37.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.440%
24) Chloroform-d	5.052	84	61841	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.692	65	32426	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.718	84	109779	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.682	67	32354	3.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.891	98	104510	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.174	79	13318	3.519	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.627	63	40795	35.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24645	3.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	36819	4.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1728	0.169	ug/L	96
9) Trichlorofluoromethane	2.132	101	2974	0.205	ug/L	95
12) 1,1-Dichloroethene	2.573	96	1787	0.242	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	3512	0.191	ug/L #	87
22) cis-1,2-Dichloroethene	4.660	96	43435	5.103	ug/L	89
25) Chloroform	5.081	83	2919	0.186	ug/L	85
31) Carbon tetrachloride	5.512	117	3254	0.242	ug/L #	50
34) Trichloroethene	6.531	95	468461	51.141	ug/L	97
35) Methylcyclohexane	6.682	83	8962	0.660	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4096	0.520	ug/L #	87
45) 1,1,2-Trichloroethane	8.541	97	4078	0.686	ug/L #	21
47) Tetrachloroethene	8.544	164	452888	64.035	ug/L	95
49) Dibromochloromethane	8.544	129	445095	61.968	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4948	1.086	ug/L #	66

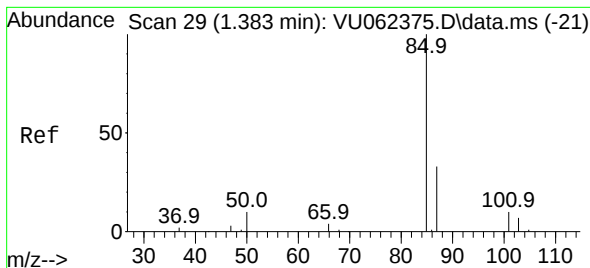
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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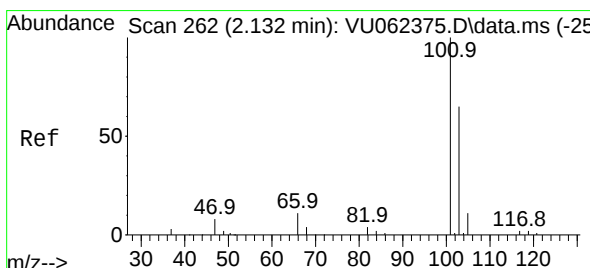
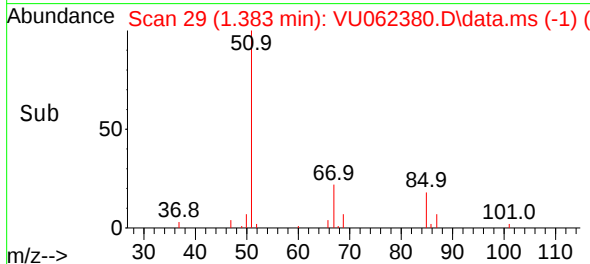
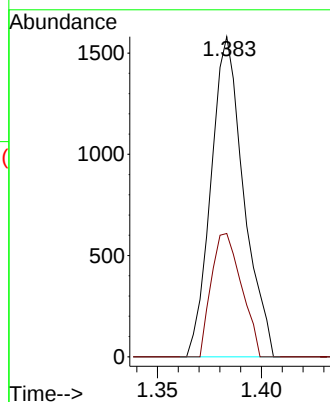
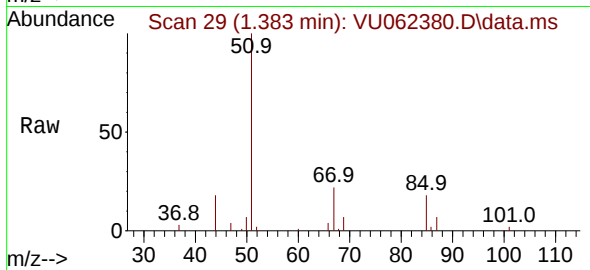




#2
 Dichlorodifluoromethane
 Concen: 0.169 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

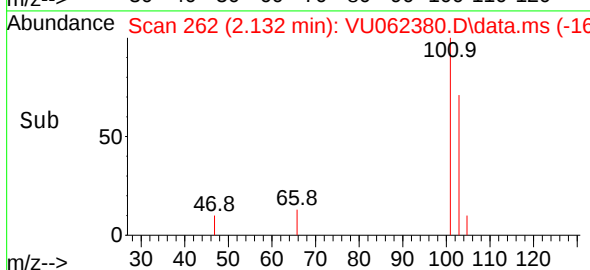
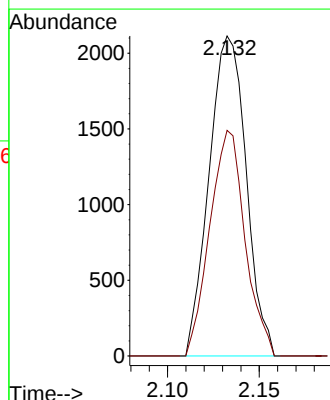
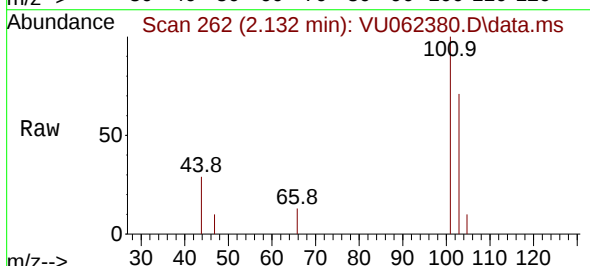
Instrument :
 MSVOA_U
 ClientSampleId :

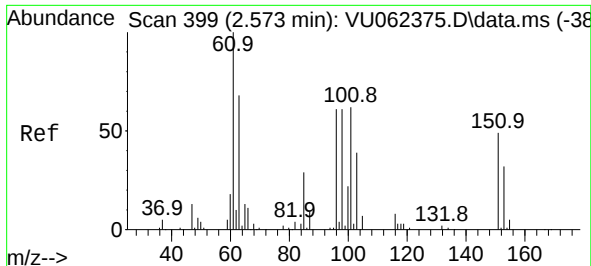
Tgt Ion: 85 Resp: 1728
 Ion Ratio Lower Upper
 85 100
 87 35.5 26.6 40.0



#9
 Trichlorofluoromethane
 Concen: 0.205 ug/L
 RT: 2.132 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VU062380.D
 Acq: 17 Dec 2024 11:40

Tgt Ion: 101 Resp: 2974
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.6 75.8





#12

1,1-Dichloroethene

Concen: 0.242 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU062380.D

Acq: 17 Dec 2024 11:40

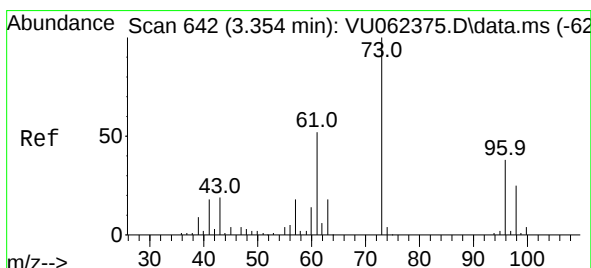
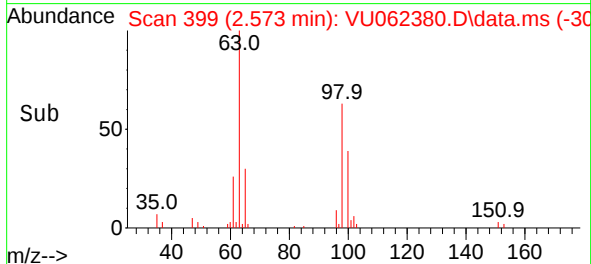
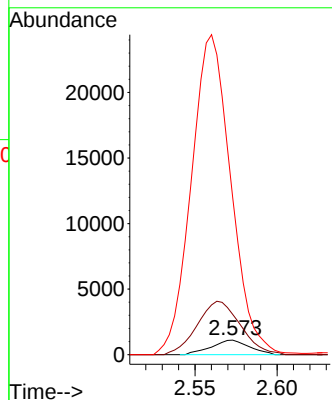
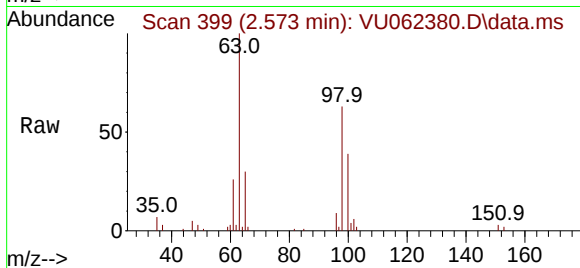
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1787

Ion	Ratio	Lower	Upper
96	100		
61	277.9	119.6	222.2#
63	1083.6	65.0	120.6#



#17

Methyl tert-butyl Ether

Concen: 0.191 ug/L

RT: 3.357 min Scan# 643

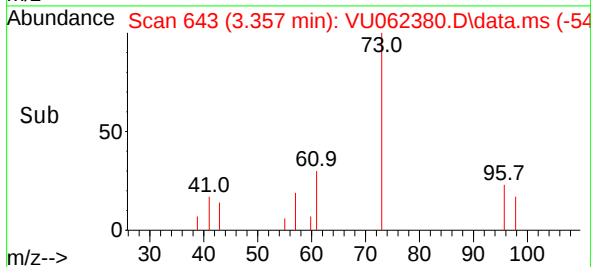
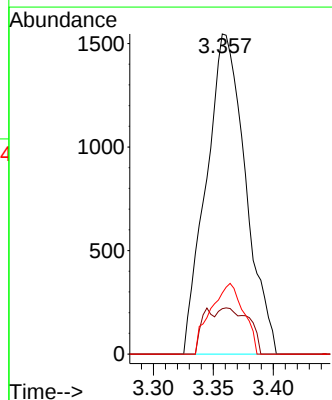
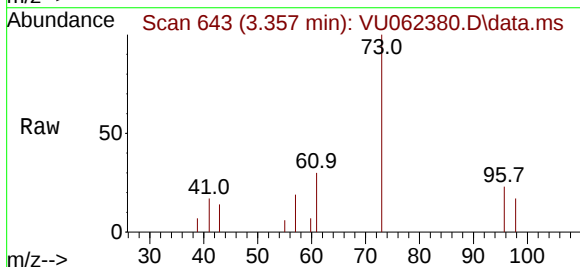
Delta R.T. 0.003 min

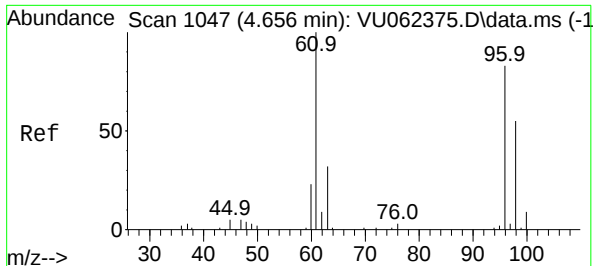
Lab File: VU062380.D

Acq: 17 Dec 2024 11:40

Tgt Ion: 73 Resp: 3512

Ion	Ratio	Lower	Upper
73	100		
43	11.3	16.3	24.5#
57	18.6	17.1	25.7

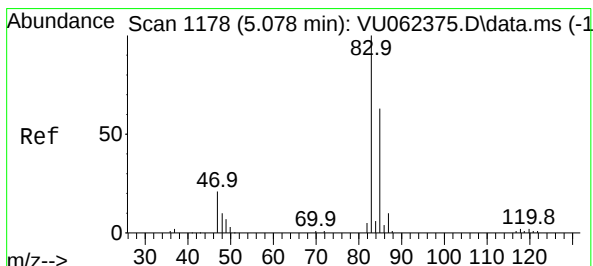
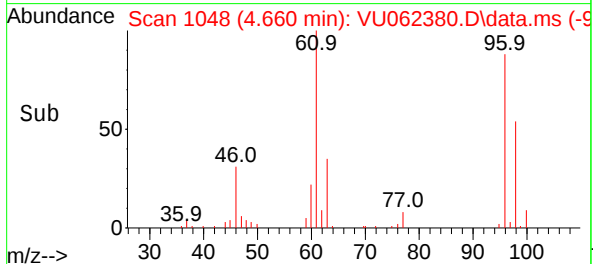
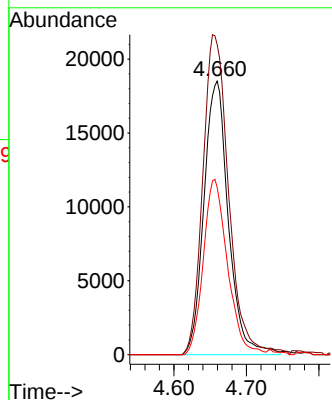
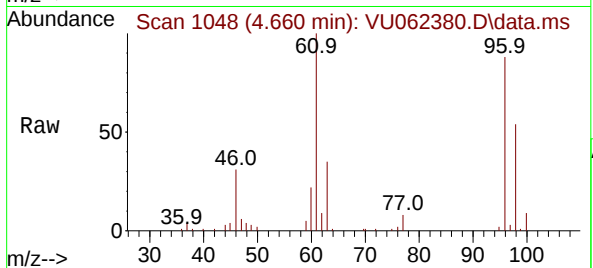




#22
cis-1,2-Dichloroethene
Concen: 5.103 ug/L
RT: 4.660 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

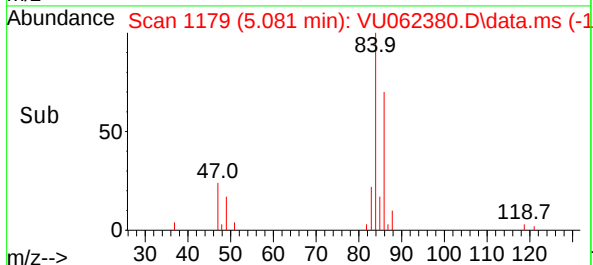
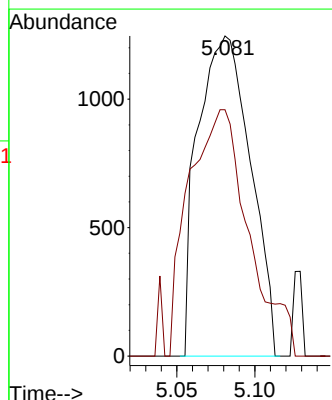
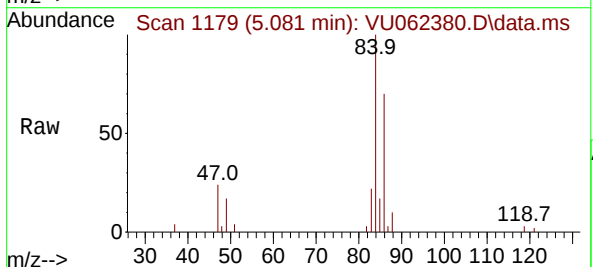
Instrument :
MSVOA_U
ClientSampleId :

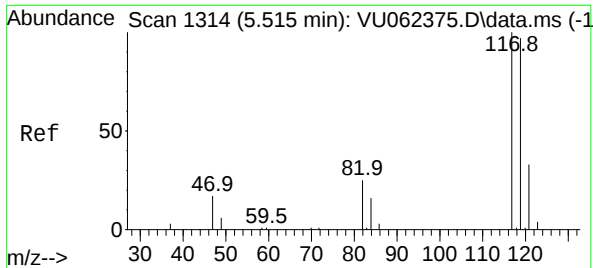
Tgt Ion: 96 Resp: 43435
Ion Ratio Lower Upper
96 100
61 113.4 92.0 170.8
98 61.2 44.5 82.7



#25
Chloroform
Concen: 0.186 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

Tgt Ion: 83 Resp: 2919
Ion Ratio Lower Upper
83 100
85 77.0 45.4 84.2

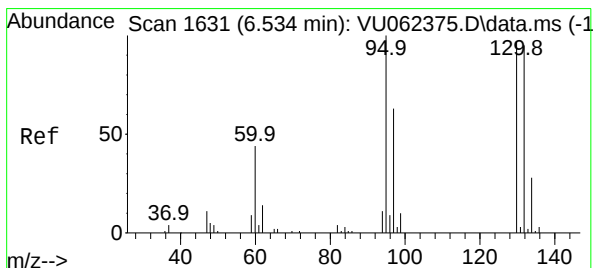
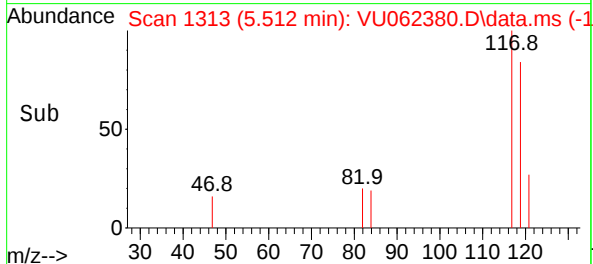
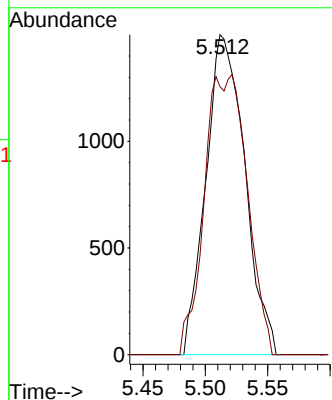
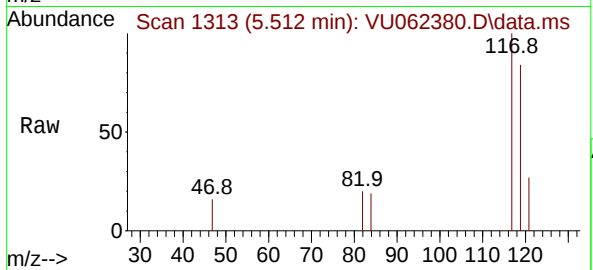




#31
Carbon tetrachloride
Concen: 0.242 ug/L
RT: 5.512 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

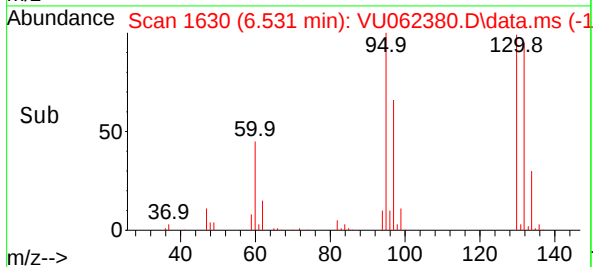
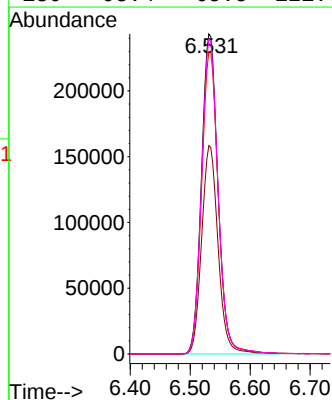
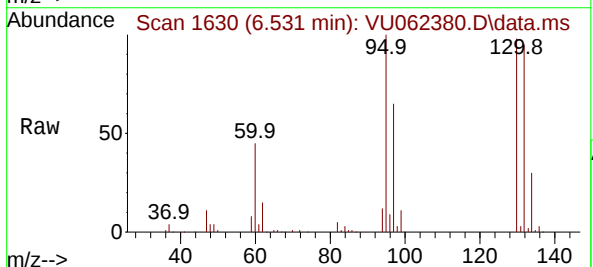
Instrument :
MSVOA_U
ClientSampleId :

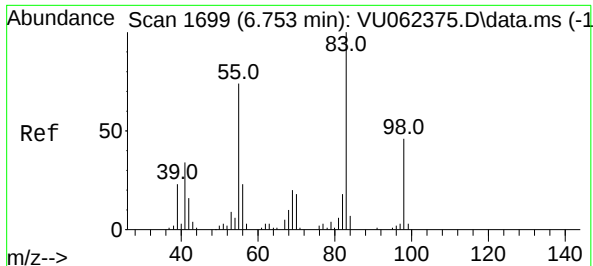
Tgt Ion:117 Resp: 3254
Ion Ratio Lower Upper
117 100
119 47.8 77.5 116.3#



#34
Trichloroethene
Concen: 51.141 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

Tgt Ion: 95 Resp: 468461
Ion Ratio Lower Upper
95 100
97 65.1 45.9 85.3
132 94.5 63.8 118.4
130 98.4 65.5 121.7





#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062380.D

Acq: 17 Dec 2024 11:40

Instrument :

MSVOA_U

ClientSampleId :

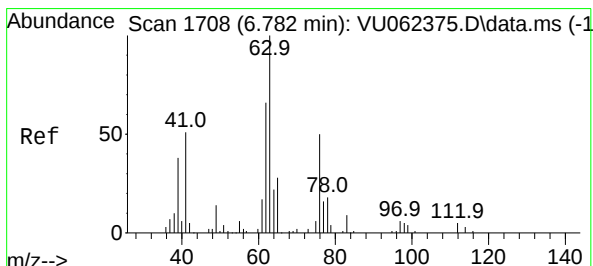
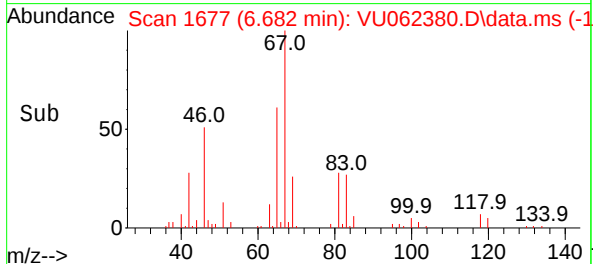
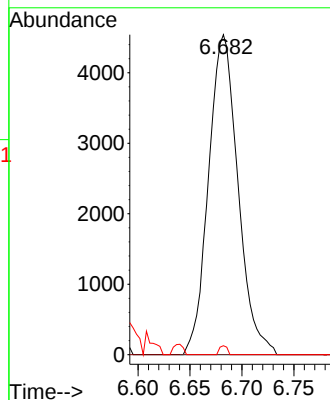
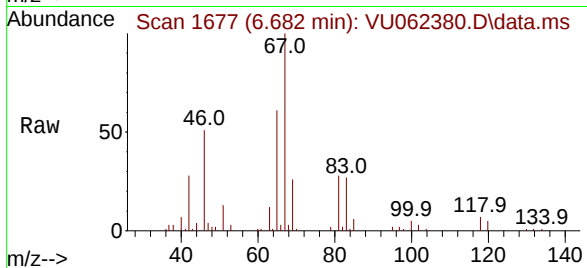
Tgt Ion: 83 Resp: 8962

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: 0.520 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062380.D

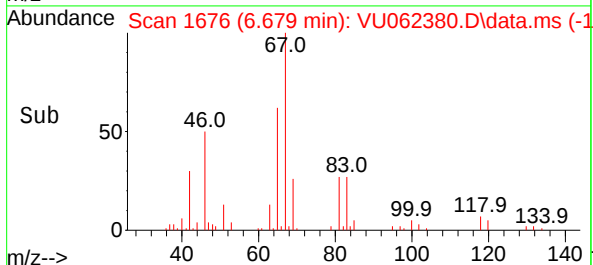
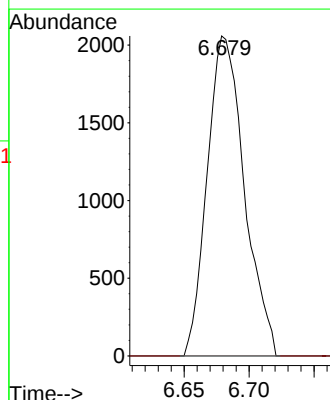
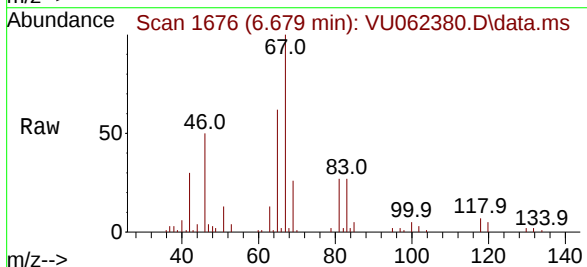
Acq: 17 Dec 2024 11:40

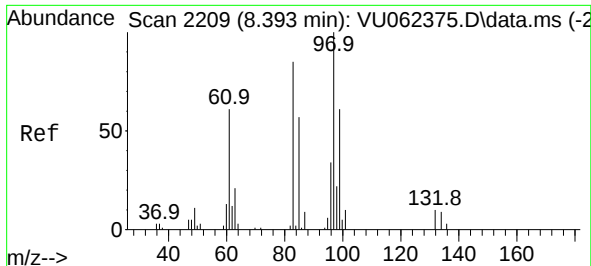
Tgt Ion: 63 Resp: 4096

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



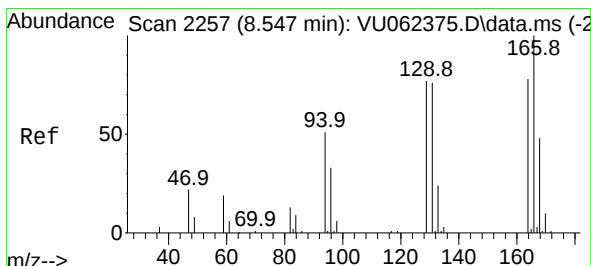
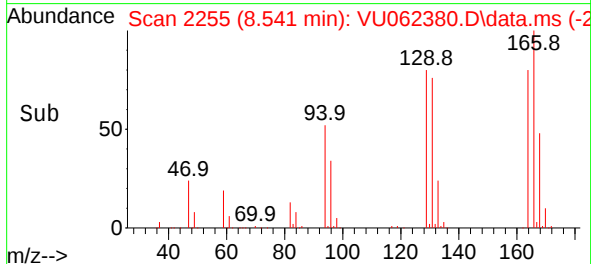
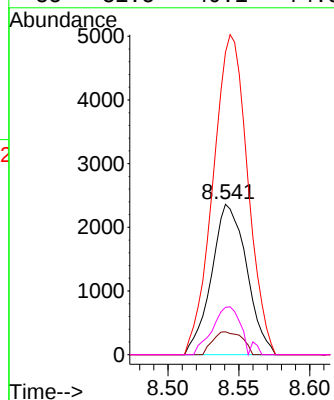
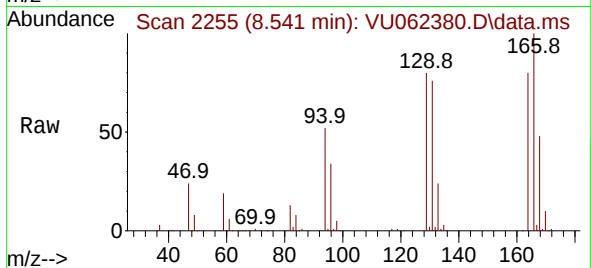


#45
1,1,2-Trichloroethane
Concen: 0.686 ug/L
RT: 8.541 min Scan# 2209
Delta R.T. 0.148 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4078

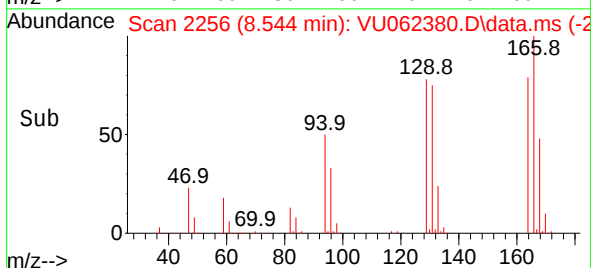
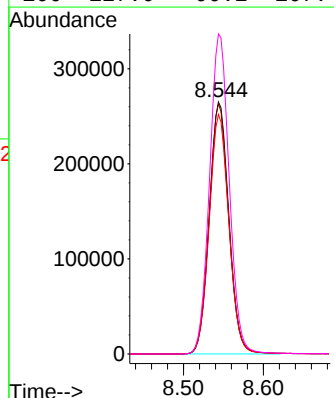
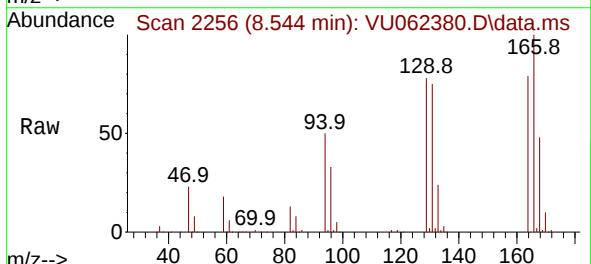
Ion	Ratio	Lower	Upper
97	100		
99	15.2	43.0	79.8#
83	201.1	61.7	114.5#
85	31.5	40.1	74.5#

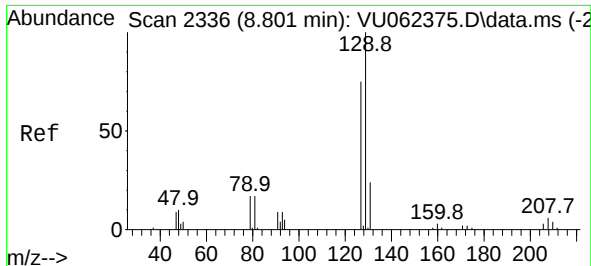


#47
Tetrachloroethene
Concen: 64.035 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062380.D
Acq: 17 Dec 2024 11:40

Tgt Ion: 164 Resp: 452888

Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.2	136.0
131	95.0	72.3	134.3
166	127.0	90.2	167.4





#49

Dibromochloromethane

Concen: 61.968 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062380.D

Acq: 17 Dec 2024 11:40

Instrument :

MSVOA_U

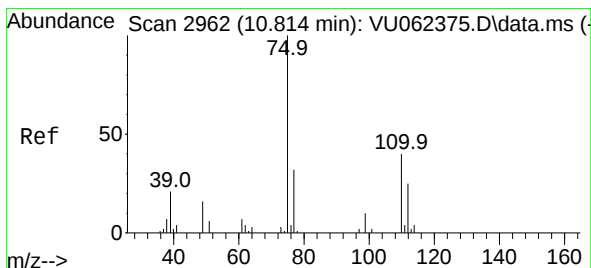
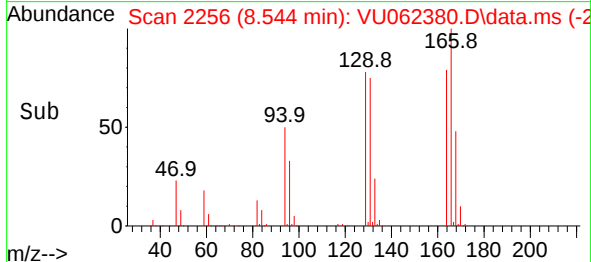
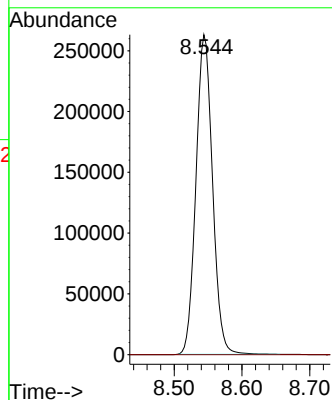
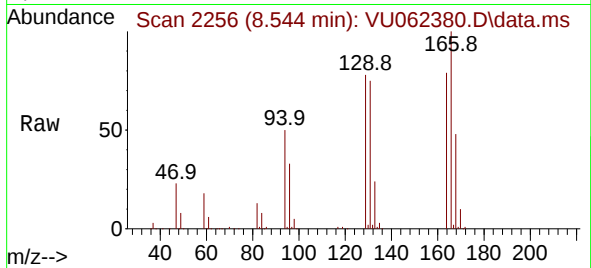
ClientSampleId :

Tgt Ion:129 Resp: 445095

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.086 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062380.D

Acq: 17 Dec 2024 11:40

Tgt Ion: 75 Resp: 4948

Ion Ratio Lower Upper

75 100

110 0.4 28.9 43.3#

77 36.2 26.5 39.7

