

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062361.D
 Acq On : 17 Dec 2024 01:57
 Operator : MD/SY
 Sample : P5274-03DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:25:34 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)

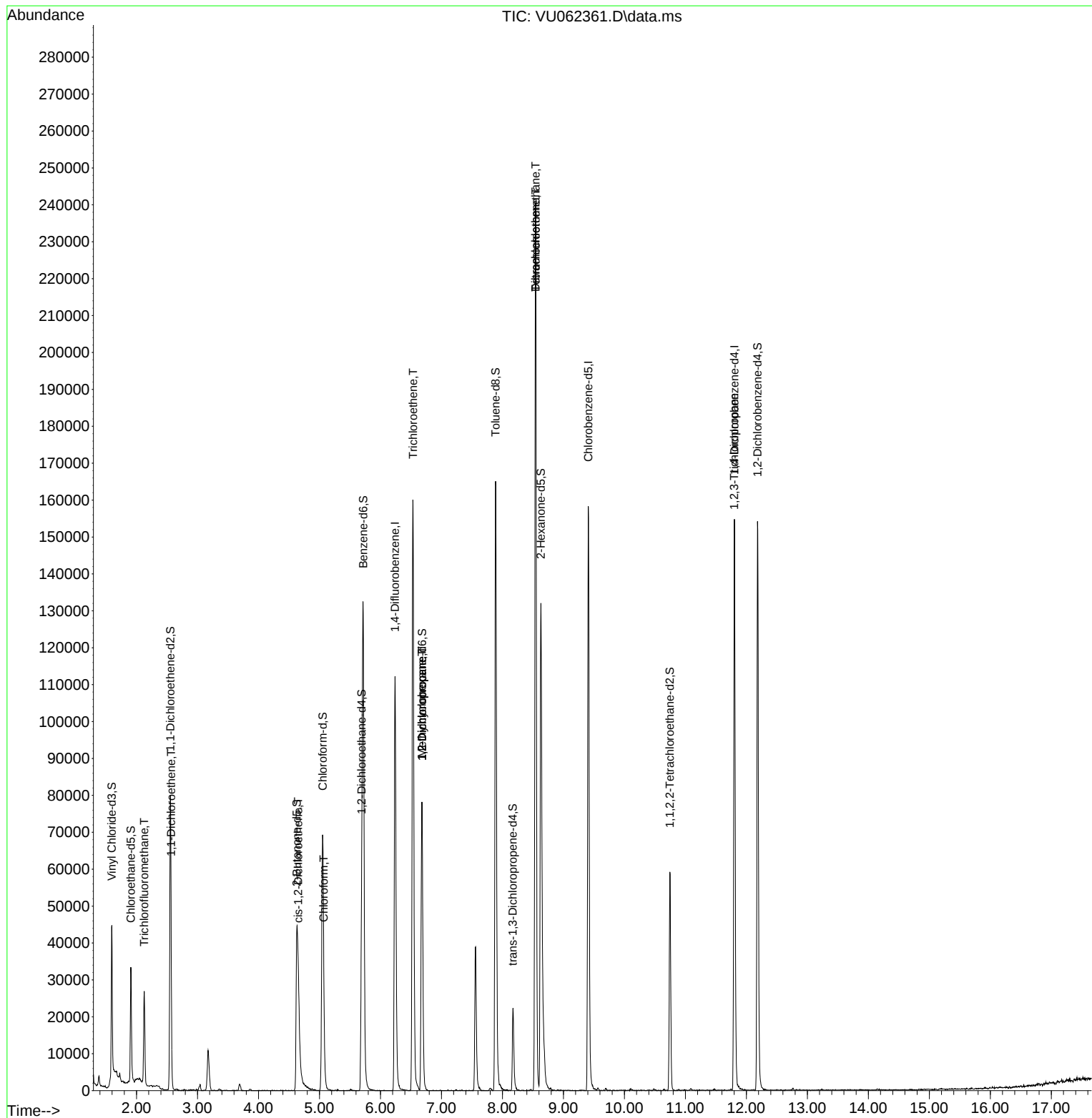
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30128	4.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	22555	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.557	65	15042	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.628	46	58395	47.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	5.052	84	69272	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.692	65	36552	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.718	84	125889	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.682	67	36817	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.888	98	117150	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.171	79	14611	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	49498	49.988	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28374	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	42612	5.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
9) Trichlorofluoromethane	2.126	101	16547	1.313	ug/L	97
12) 1,1-Dichloroethene	2.567	96	1282	0.200	ug/L #	1
22) cis-1,2-Dichloroethene	4.653	96	6680	0.904	ug/L	99
25) Chloroform	5.071	83	3330	0.245	ug/L	82
34) Trichloroethene	6.534	95	57236	7.206	ug/L	95
35) Methylcyclohexane	6.679	83	9656	0.820	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	4335	0.635	ug/L #	87
47) Tetrachloroethene	8.544	164	53857	8.782	ug/L	95
49) Dibromochloromethane	8.544	129	53272	8.553	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	4704	1.168	ug/L #	68

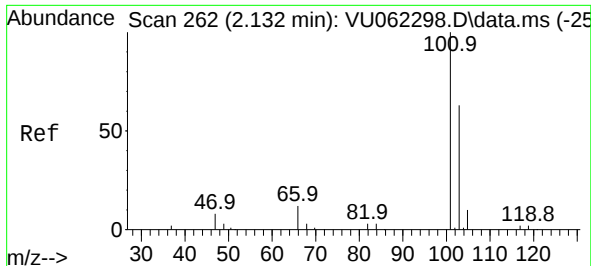
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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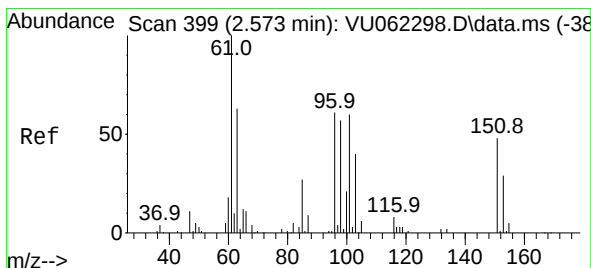
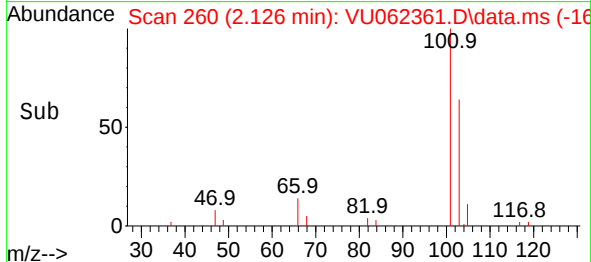
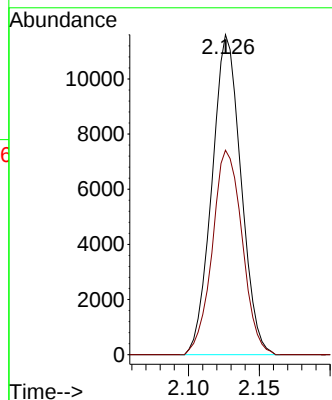
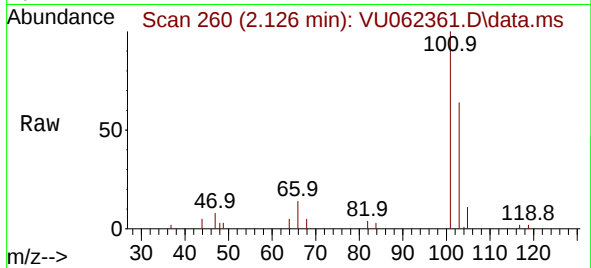




#9
 Trichlorofluoromethane
 Concen: 1.313 ug/L
 RT: 2.126 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VU062361.D
 Acq: 17 Dec 2024 01:57

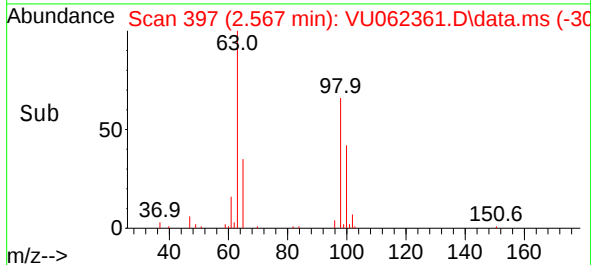
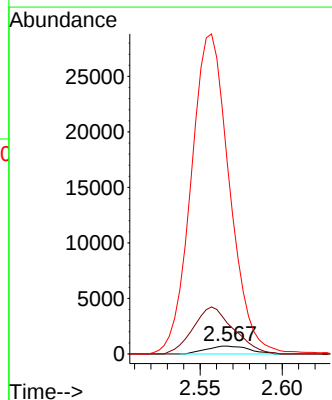
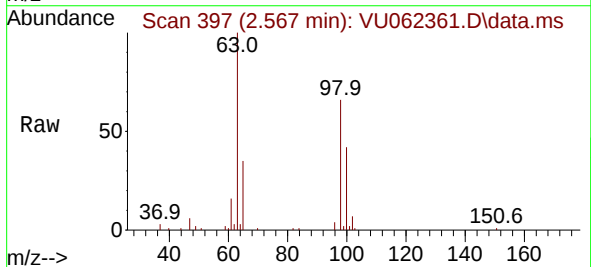
Instrument :
 MSVOA_U
 ClientSampleId :

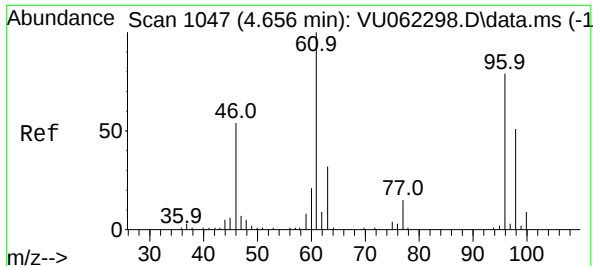
Tgt Ion:101 Resp: 16547
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.6 75.8



#12
 1,1-Dichloroethene
 Concen: 0.200 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VU062361.D
 Acq: 17 Dec 2024 01:57

Tgt Ion: 96 Resp: 1282
 Ion Ratio Lower Upper
 96 100
 61 393.0 119.6 222.2#
 63 2431.9 65.0 120.6#

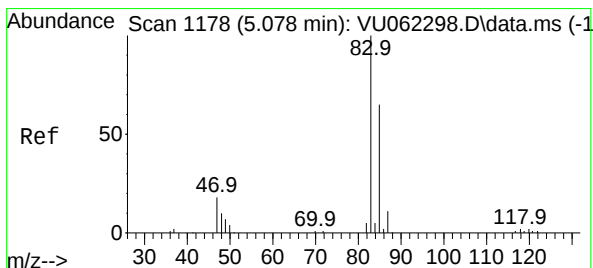
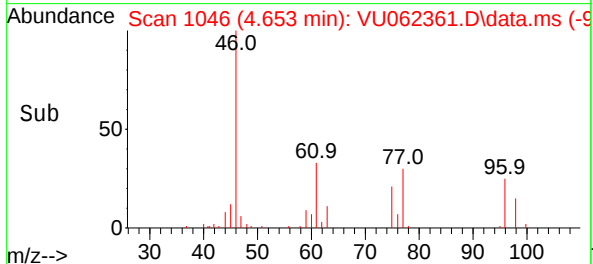
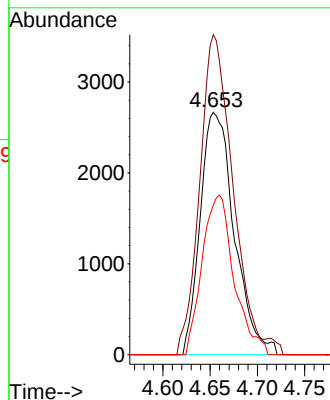
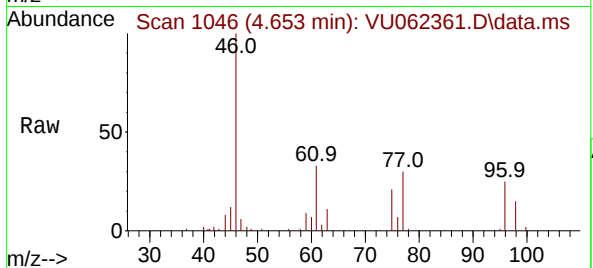




#22
cis-1,2-Dichloroethene
Concen: 0.904 ug/L
RT: 4.653 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU062361.D
Acq: 17 Dec 2024 01:57

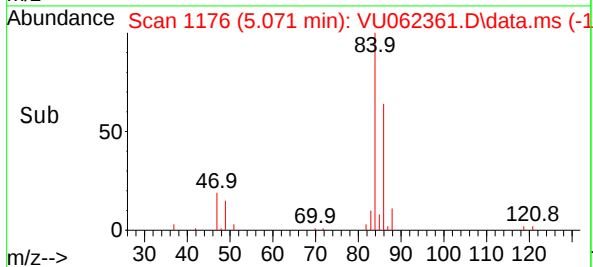
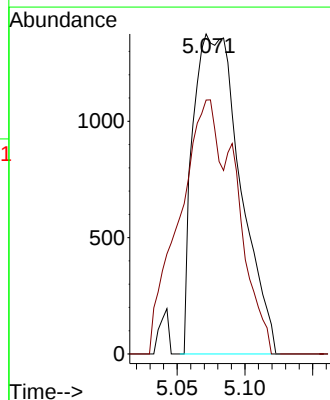
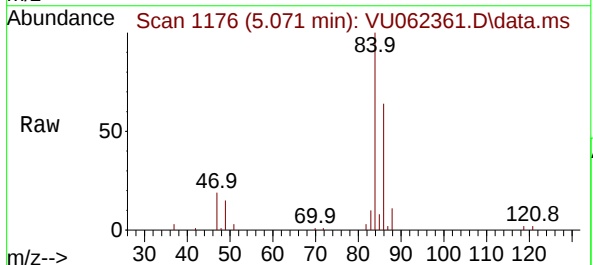
Instrument :
MSVOA_U
ClientSampleId :

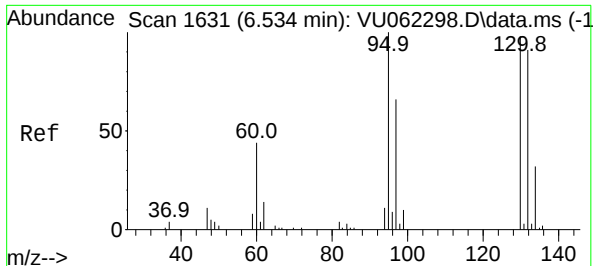
Tgt Ion: 96 Resp: 6680
Ion Ratio Lower Upper
96 100
61 132.0 92.0 170.8
98 61.8 44.5 82.7



#25
Chloroform
Concen: 0.245 ug/L
RT: 5.071 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VU062361.D
Acq: 17 Dec 2024 01:57

Tgt Ion: 83 Resp: 3330
Ion Ratio Lower Upper
83 100
85 79.3 45.4 84.2





#34

Trichloroethene

Concen: 7.206 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062361.D

Acq: 17 Dec 2024 01:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 57236

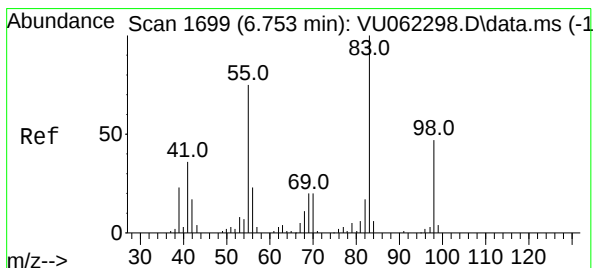
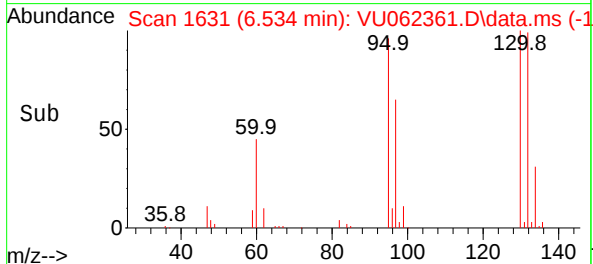
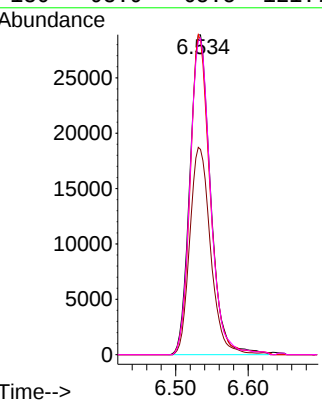
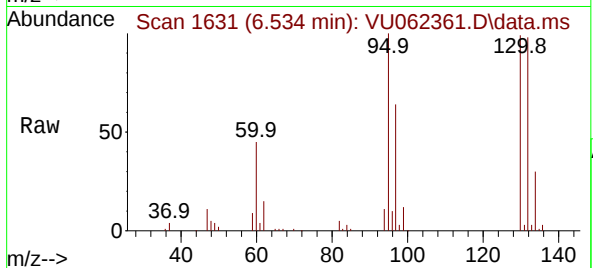
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 98.3 63.8 118.4

130 98.9 65.5 121.7



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062361.D

Acq: 17 Dec 2024 01:57

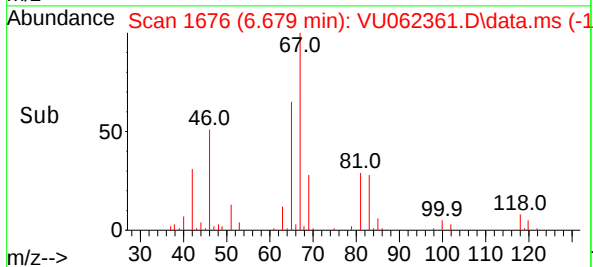
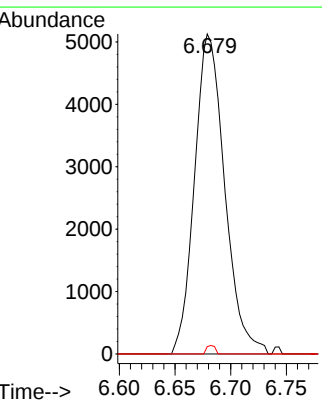
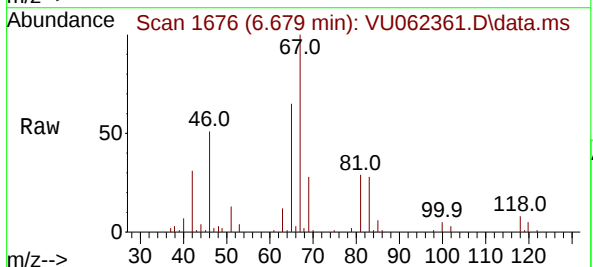
Tgt Ion: 83 Resp: 9656

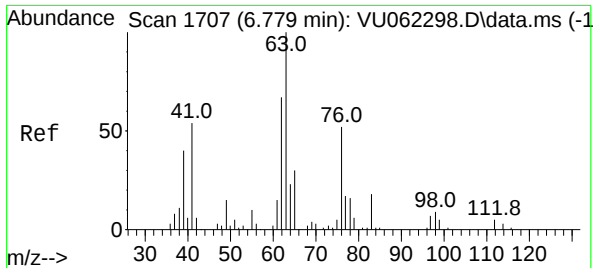
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 4.2 34.8 52.2#

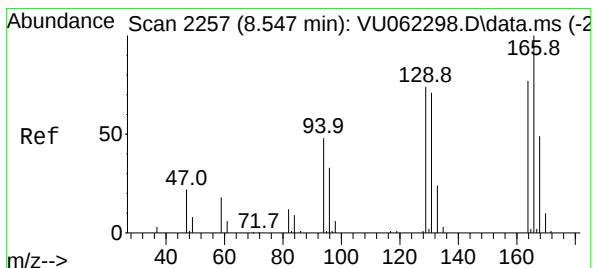
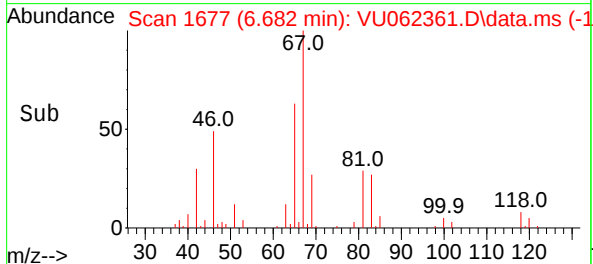
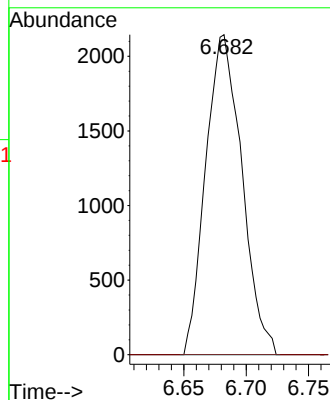
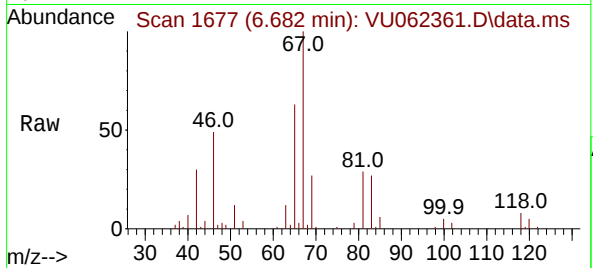




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU062361.D
Acq: 17 Dec 2024 01:57

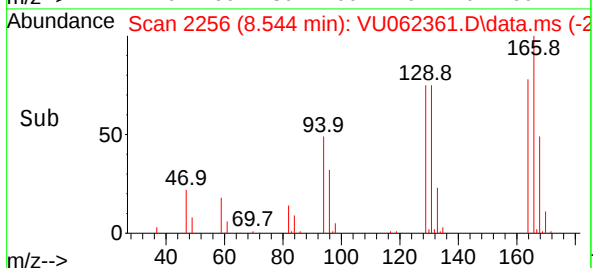
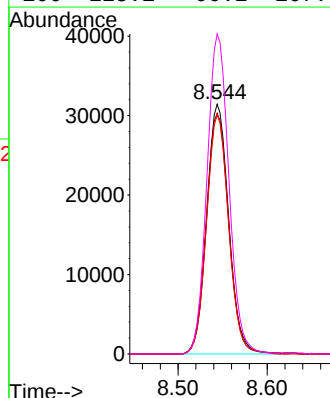
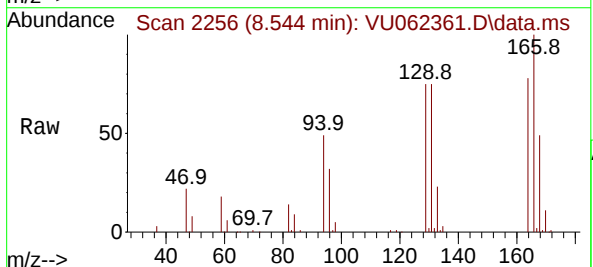
Instrument :
MSVOA_U
ClientSampleId :

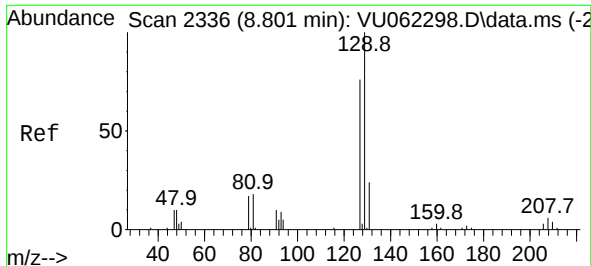
Tgt Ion: 63 Resp: 4335
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 8.782 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062361.D
Acq: 17 Dec 2024 01:57

Tgt Ion:164 Resp: 53857
Ion Ratio Lower Upper
164 100
129 96.4 73.2 136.0
131 95.7 72.3 134.3
166 128.1 90.2 167.4





#49

Dibromochloromethane

Concen: 8.553 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062361.D

Acq: 17 Dec 2024 01:57

Instrument :

MSVOA_U

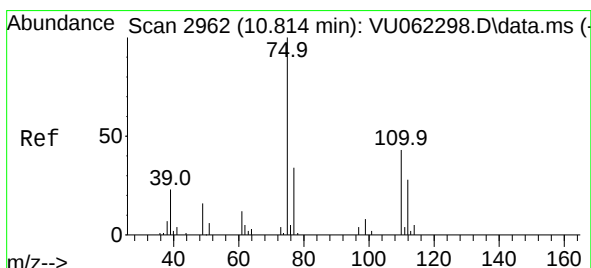
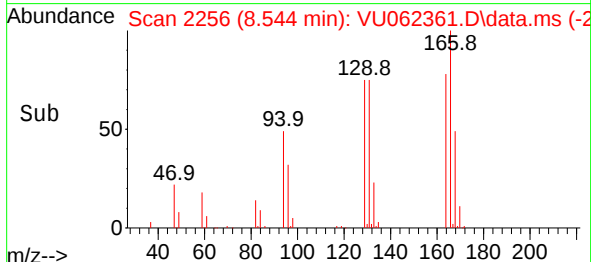
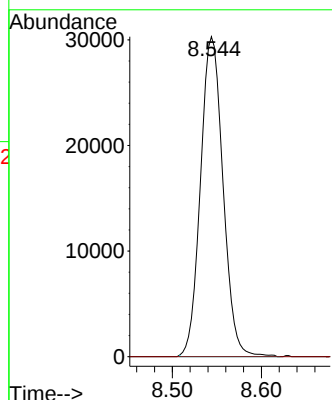
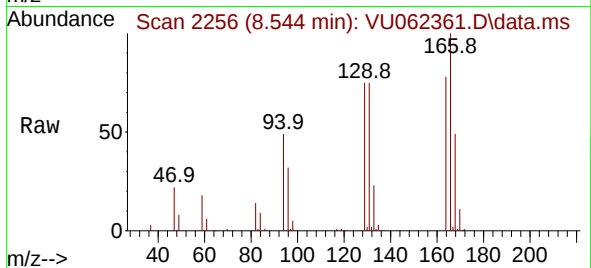
ClientSampleId :

Tgt Ion:129 Resp: 53272

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.168 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.991 min

Lab File: VU062361.D

Acq: 17 Dec 2024 01:57

Tgt Ion: 75 Resp: 4704

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 33.3 26.5 39.7

