

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056742.D
 Acq On : 11 Dec 2023 19:18
 Operator : MD/SY
 Sample : 05677-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:12:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

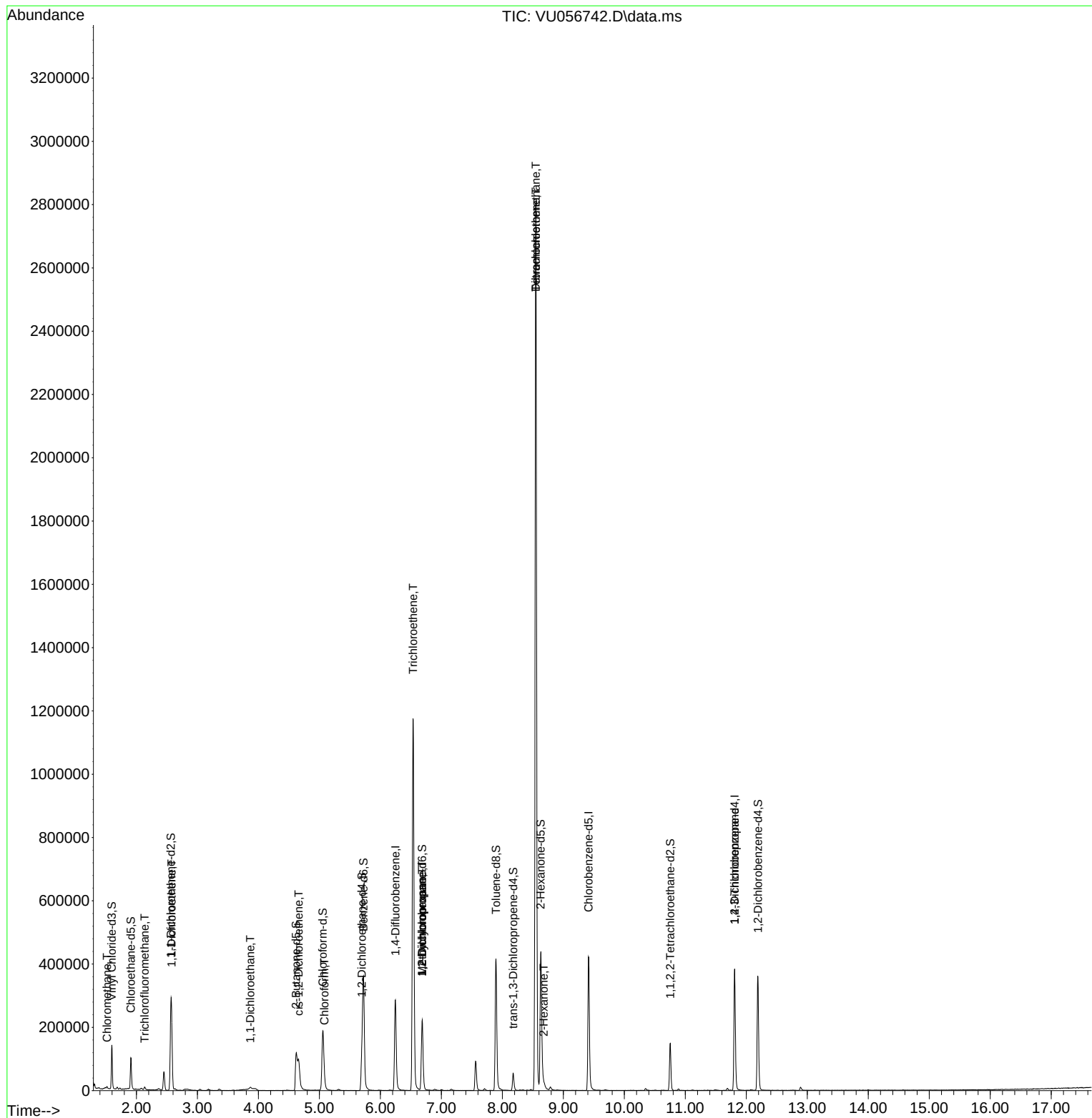
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97457	4.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.908	69	72684	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.563	65	40639	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	190748	46.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	5.055	84	176678	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	86491	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	351367	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	107659	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	294142	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	32280	3.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.627	63	148017	42.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74201	4.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	95594	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3518	0.141	ug/L	91
9) Trichlorofluoromethane	2.136	101	4769	0.137	ug/L	85
12) 1,1-Dichloroethene	2.576	96	53689	2.734	ug/L	88
19) 1,1-Dichloroethane	3.866	63	6414	0.167	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	40555	1.872	ug/L	96
25) Chloroform	5.081	83	16857	0.420	ug/L	92
34) Trichloroethene	6.534	95	427736	17.973	ug/L	96
35) Methylcyclohexane	6.685	83	26133	0.744	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12680	0.571	ug/L #	88
47) Tetrachloroethene	8.547	164	604186	36.275	ug/L	98
48) 2-Hexanone	8.679	43	5876	0.783	ug/L #	37
49) Dibromochloromethane	8.547	129	628802	36.460	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13591	1.225	ug/L #	70

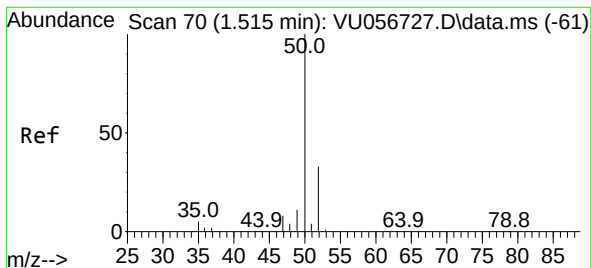
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU056742.D

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Instrument :

MSVOA_U

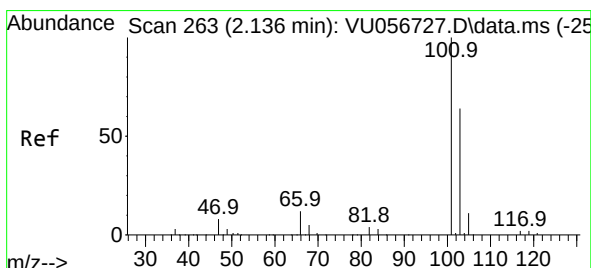
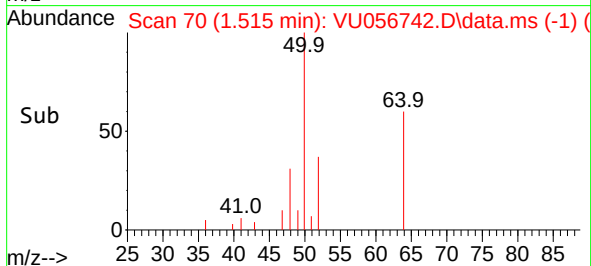
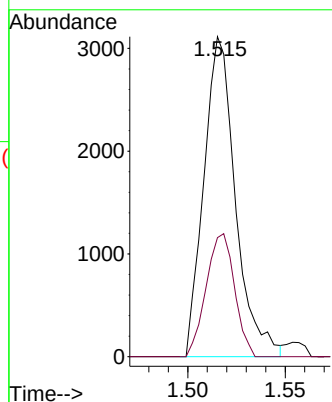
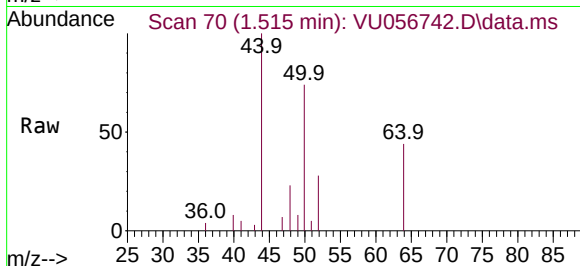
ClientSampleId :

Tgt Ion: 50 Resp: 3518

Ion Ratio Lower Upper

50 100

52 37.2 22.5 41.7



#9

Trichlorofluoromethane

Concen: 0.137 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU056742.D

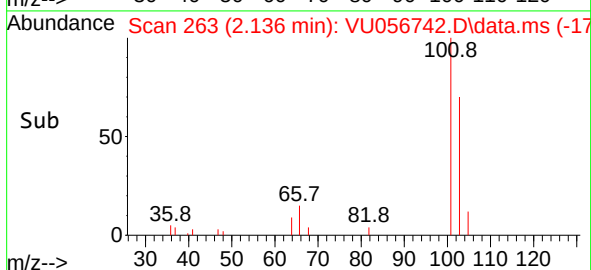
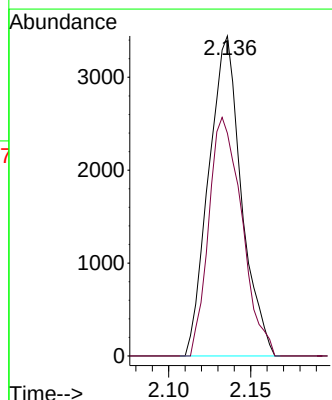
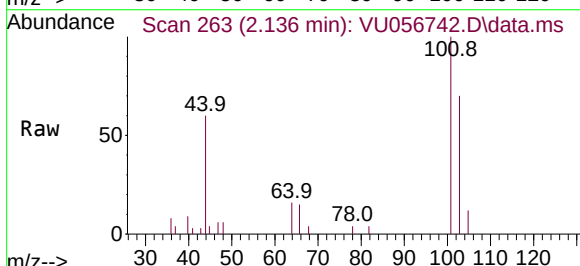
Acq: 11 Dec 2023 19:18

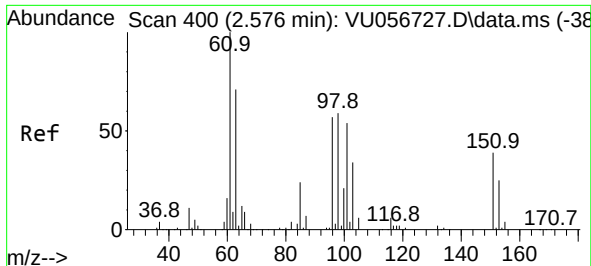
Tgt Ion:101 Resp: 4769

Ion Ratio Lower Upper

101 100

103 75.8 51.4 77.2





#12

1,1-Dichloroethene

Concen: 2.734 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :

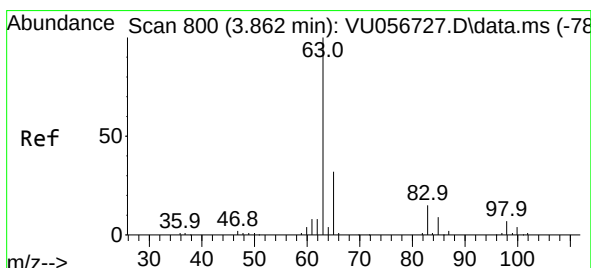
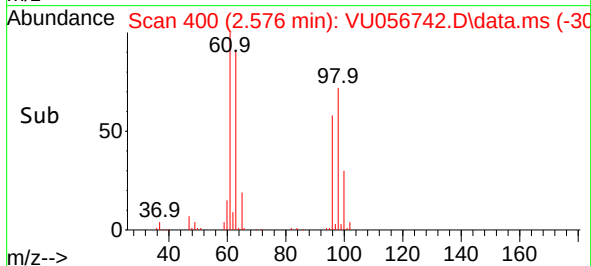
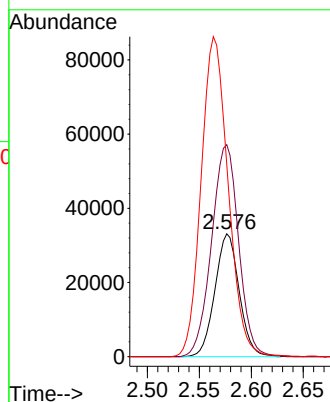
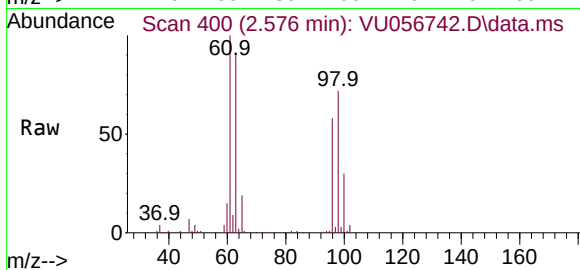
Tgt Ion: 96 Resp: 53689

Ion Ratio Lower Upper

96 100

61 172.6 119.0 221.0

63 156.5 88.7 164.7



#19

1,1-Dichloroethane

Concen: 0.167 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

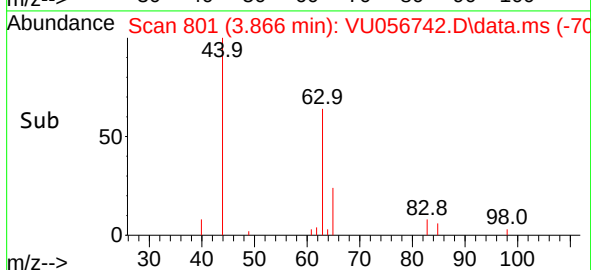
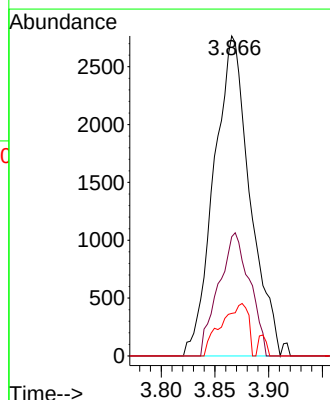
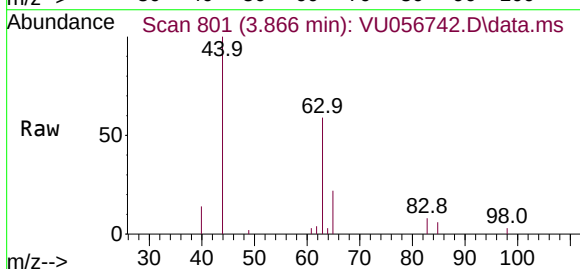
Tgt Ion: 63 Resp: 6414

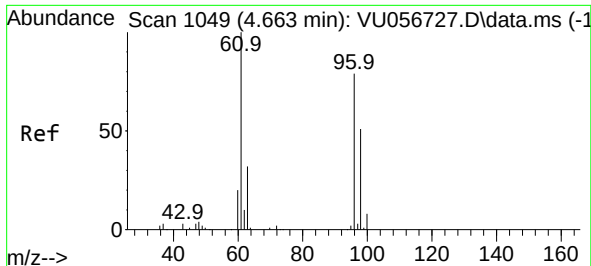
Ion Ratio Lower Upper

63 100

65 37.3 22.9 42.5

83 13.3 10.1 18.9

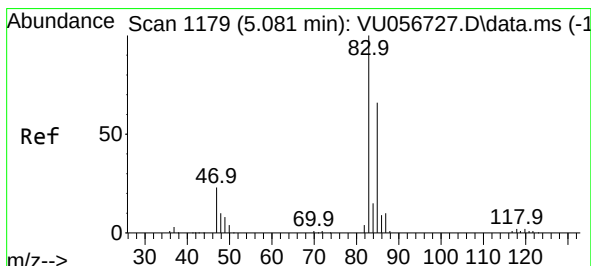
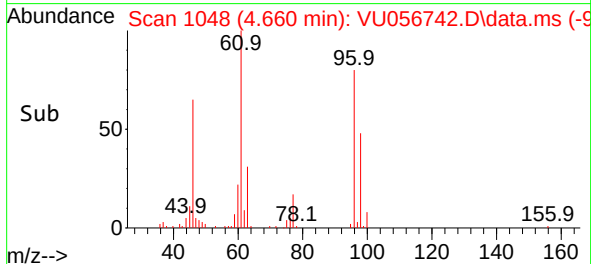
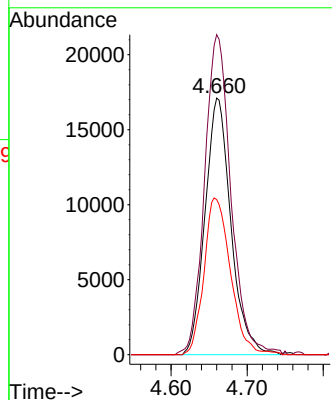
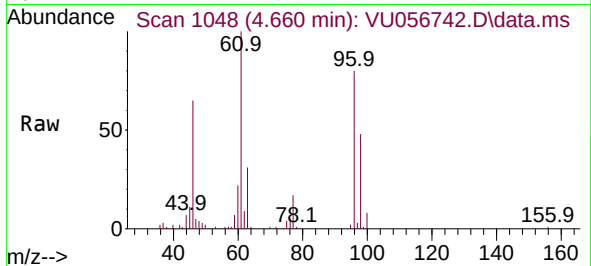




#22
 cis-1,2-Dichloroethene
 Concen: 1.872 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU056742.D
 Acq: 11 Dec 2023 19:18

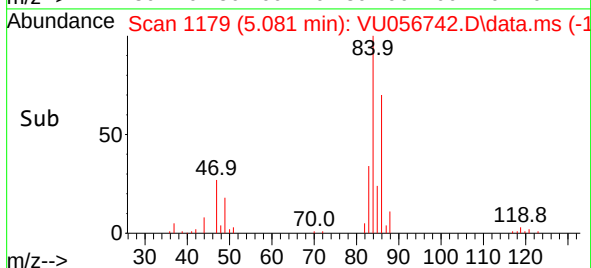
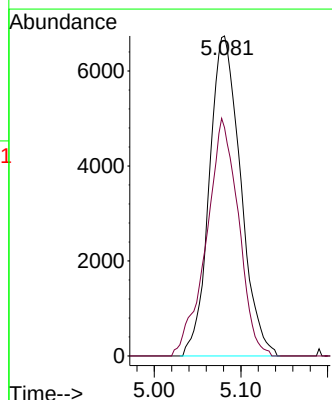
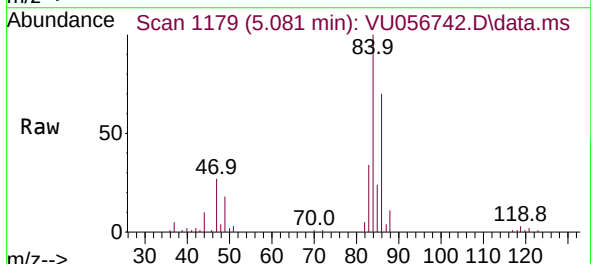
Instrument :
 MSVOA_U
 ClientSampleId :

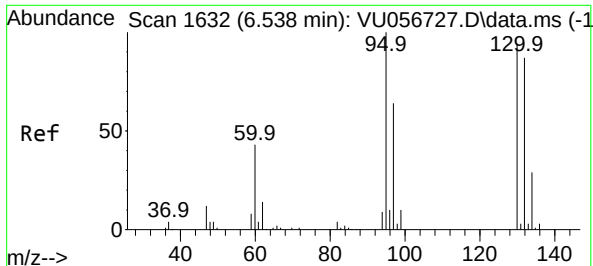
Tgt Ion: 96 Resp: 40555
 Ion Ratio Lower Upper
 96 100
 61 124.7 91.3 169.6
 98 60.4 44.2 82.0



#25
 Chloroform
 Concen: 0.420 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VU056742.D
 Acq: 11 Dec 2023 19:18

Tgt Ion: 83 Resp: 16857
 Ion Ratio Lower Upper
 83 100
 85 71.4 45.8 85.0

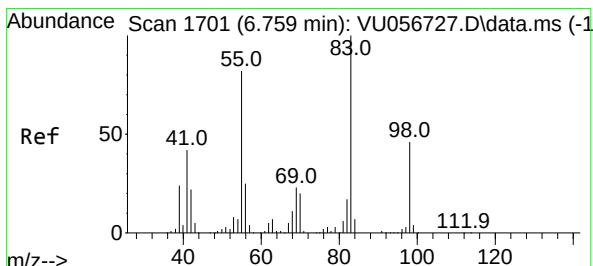
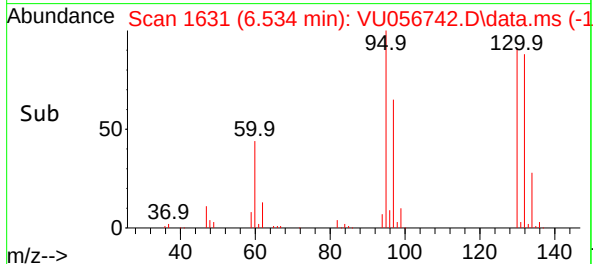
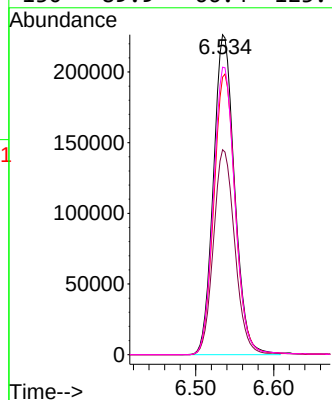
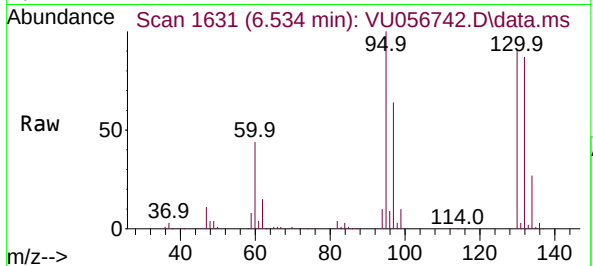




#34
Trichloroethene
Concen: 17.973 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056742.D
Acq: 11 Dec 2023 19:18

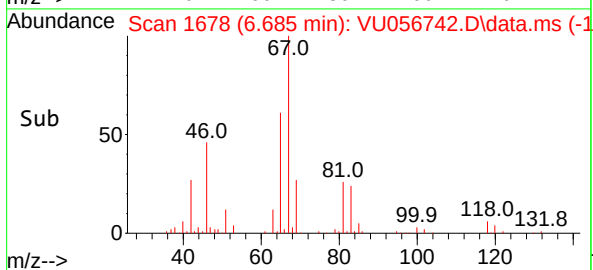
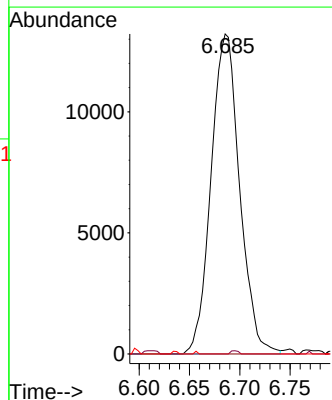
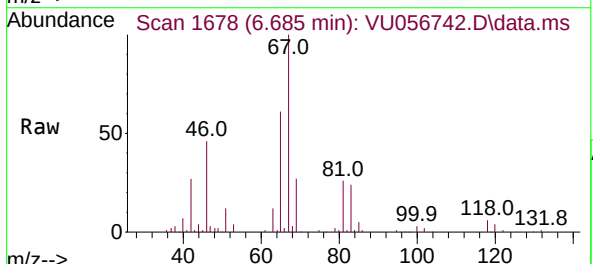
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MSVOA_U
ClientSampleId :

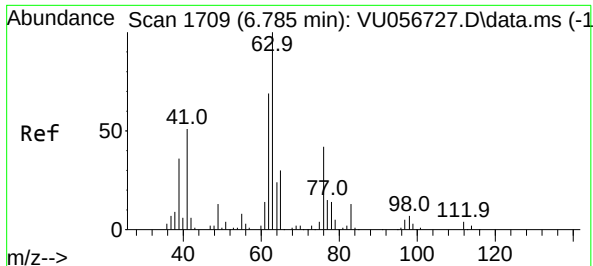
Tgt Ion: 95 Resp: 427736
Ion Ratio Lower Upper
95 100
97 64.0 46.1 85.5
132 86.8 63.6 118.0
130 89.9 66.4 123.4



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056742.D
Acq: 11 Dec 2023 19:18

Tgt Ion: 83 Resp: 26133
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.0 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Instrument :

MSVOA_U

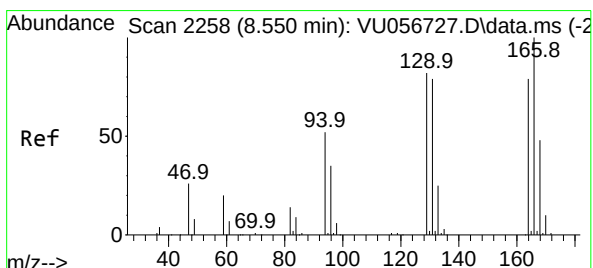
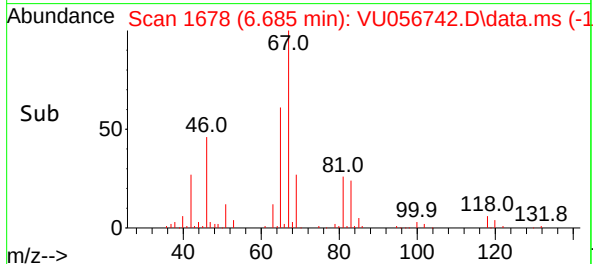
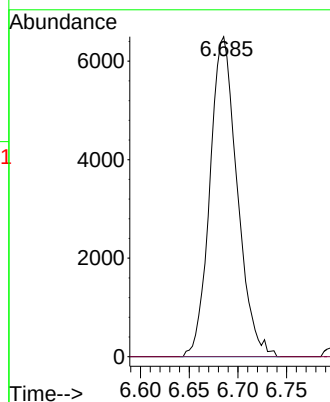
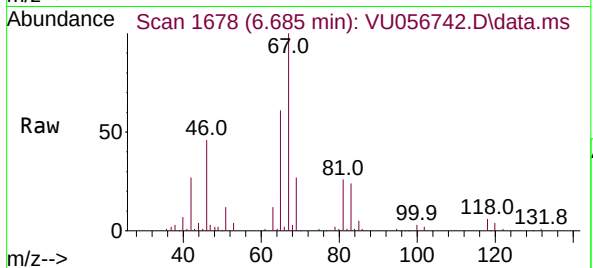
ClientSampleId :

Tgt Ion: 63 Resp: 12680

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 36.275 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056742.D

Acq: 11 Dec 2023 19:18

Tgt Ion: 164 Resp: 604186

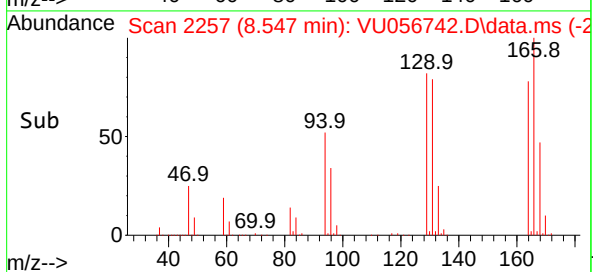
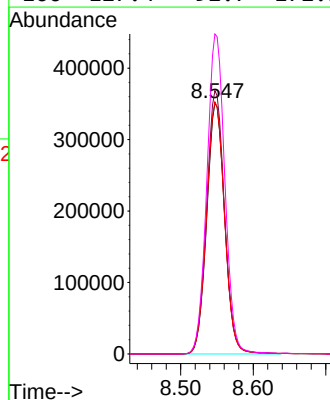
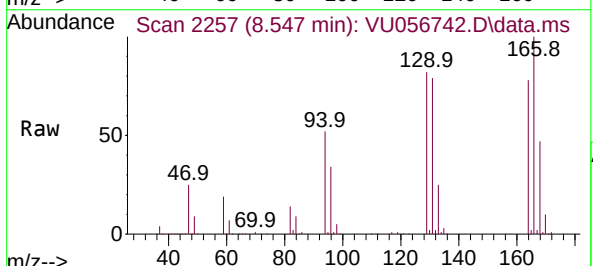
Ion Ratio Lower Upper

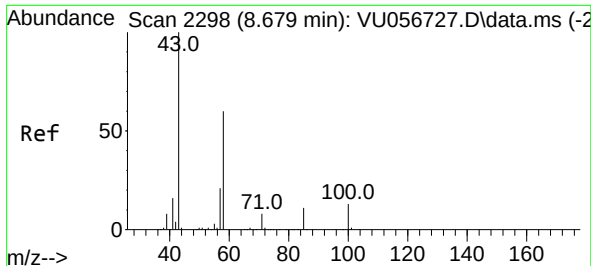
164 100

129 104.9 73.4 136.4

131 100.3 71.5 132.9

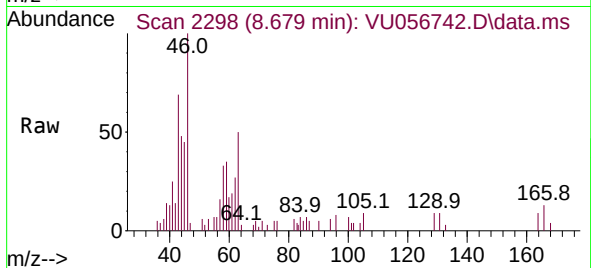
166 127.4 92.7 172.1



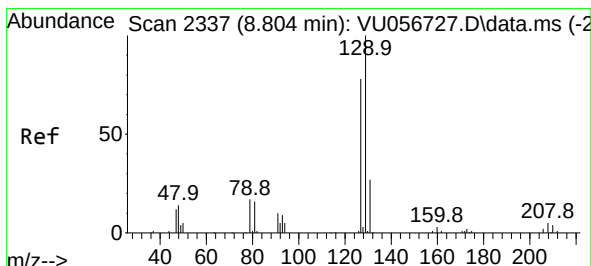
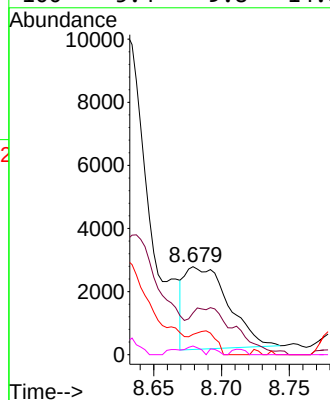
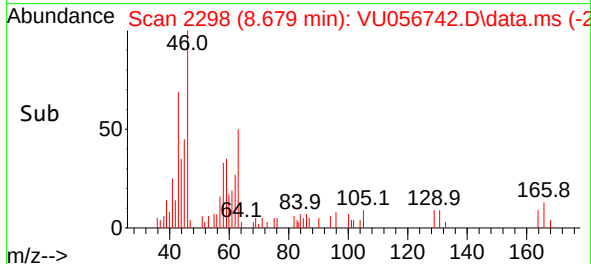


#48
2-Hexanone
Concen: 0.783 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056742.D
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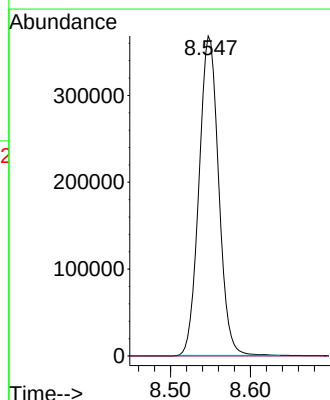
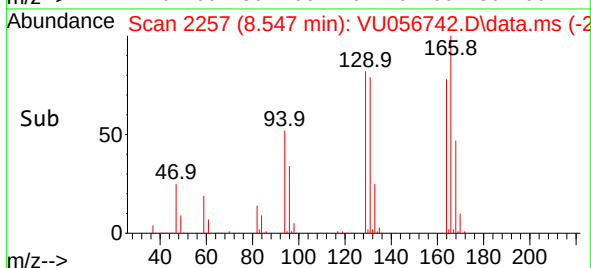
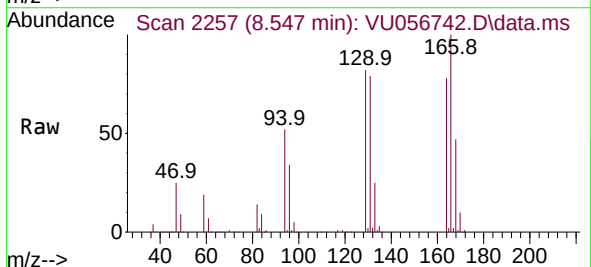


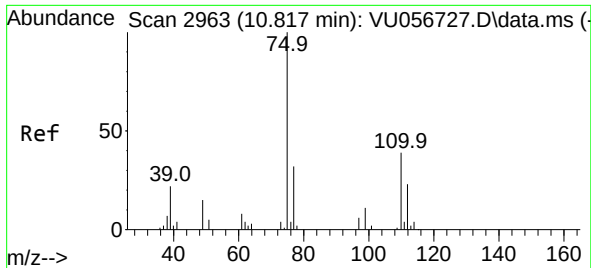
Tgt Ion: 43	Resp: 5876
Ion Ratio	Lower Upper
43 100	
58 0.0	47.5 71.3#
57 0.0	17.0 25.4#
100 5.4	9.8 14.8#



#49
Dibromochloromethane
Concen: 36.460 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056742.D
Acq: 11 Dec 2023 19:18

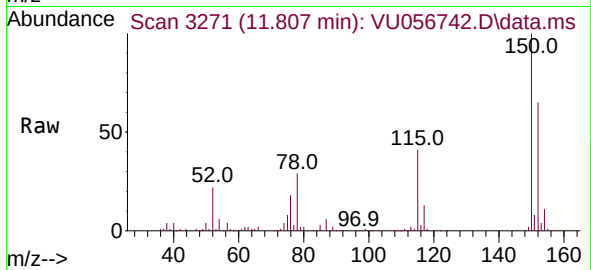
Tgt Ion:129	Resp: 628802
Ion Ratio	Lower Upper
129 100	
127 0.0	53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056742.D
 Acq: 11 Dec 2023 19:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13591
 Ion Ratio Lower Upper
 75 100
 110 3.2 28.4 42.6#
 77 31.5 26.3 39.5

