

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057266.D
 Acq On : 27 Dec 2023 05:46
 Operator : MD/SY
 Sample : 05998-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 06:48:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

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

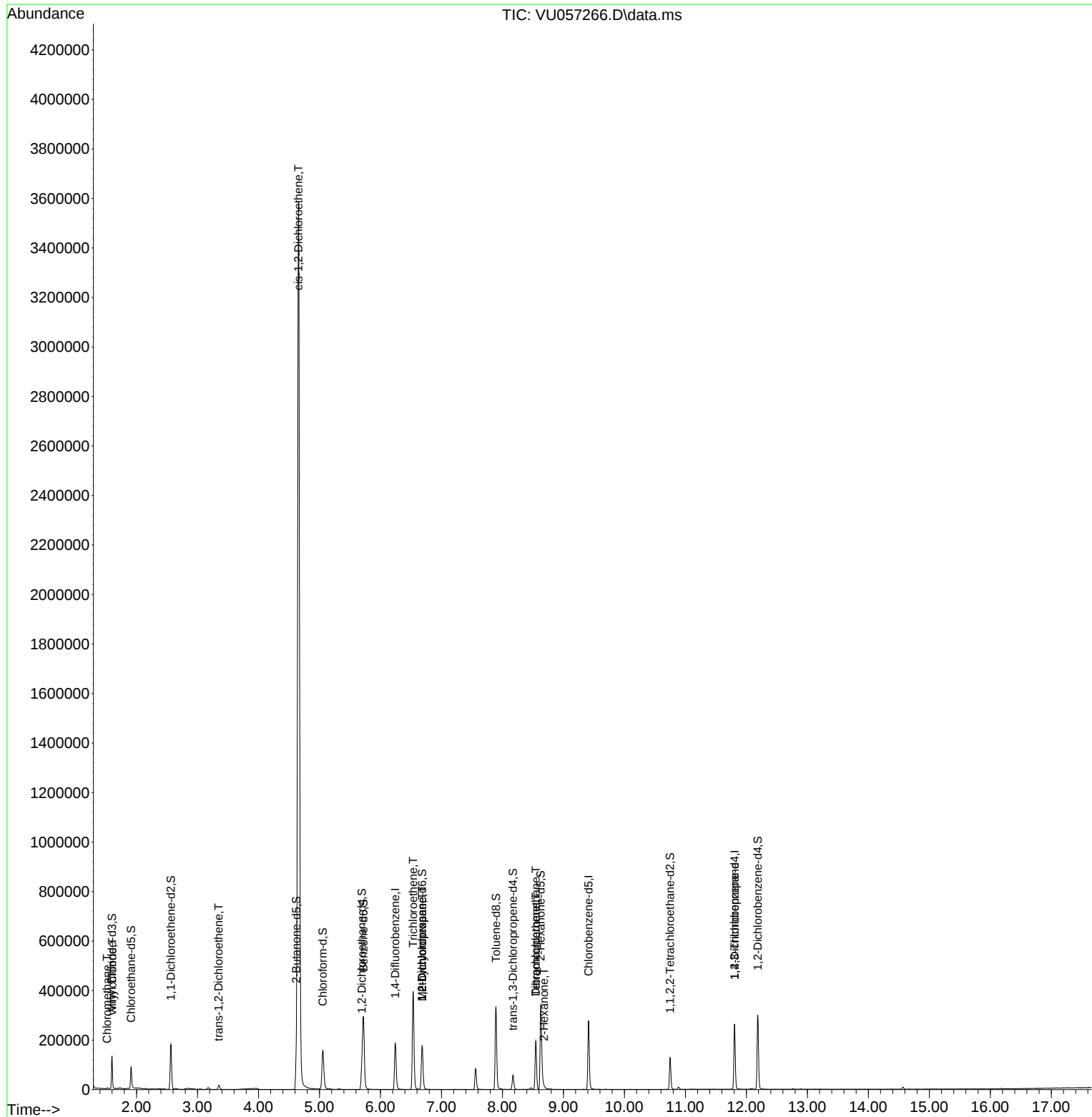
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89628	6.055	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 121.000%		
7) Chloroethane-d5	1.911	69	63981	5.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.000%		
11) 1,1-Dichloroethene-d2	2.563	65	34370	5.359	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.200%		
20) 2-Butanone-d5	4.621	46	149031	64.121	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 128.240%		
24) Chloroform-d	5.055	84	148325	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.695	65	70165	5.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
32) Benzene-d6	5.721	84	286684	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
36) 1,2-Dichloropropane-d6	6.685	67	89674	5.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.000%		
41) Toluene-d8	7.894	98	230251	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	8.174	79	32580	5.059	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.200%		
46) 2-Hexanone-d5	8.627	63	118171	53.888	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 107.780%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	65091	5.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 118.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	77464	5.262	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.200%		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2143	0.169	ug/L	100
5) Vinyl chloride	1.602	62	4793	0.354	ug/L #	74
18) trans-1,2-Dichloroethene	3.348	96	7488	0.663	ug/L	85
22) cis-1,2-Dichloroethene	4.657	96	1884175	151.522	ug/L	96
34) Trichloroethene	6.534	95	142033	9.665	ug/L	96
35) Methylcyclohexane	6.682	83	21325	1.102	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10002	0.800	ug/L #	88
47) Tetrachloroethene	8.547	164	40543	3.850	ug/L	95
48) 2-Hexanone	8.682	43	2663	0.666	ug/L #	34
49) Dibromochloromethane	8.547	129	43592	3.899	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8345	1.309	ug/L #	65

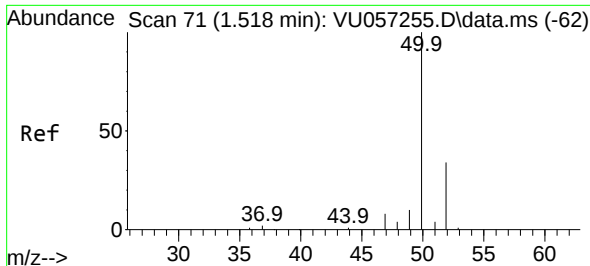
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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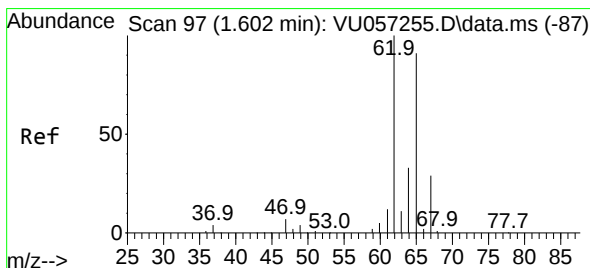
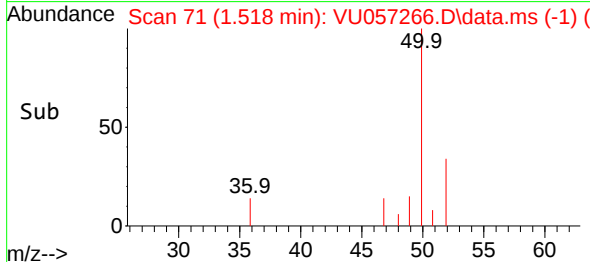
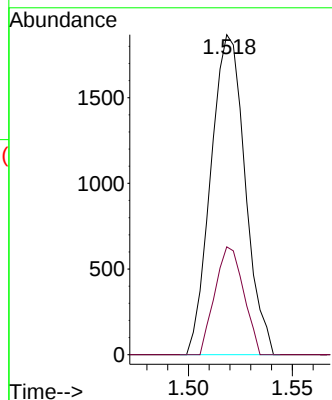
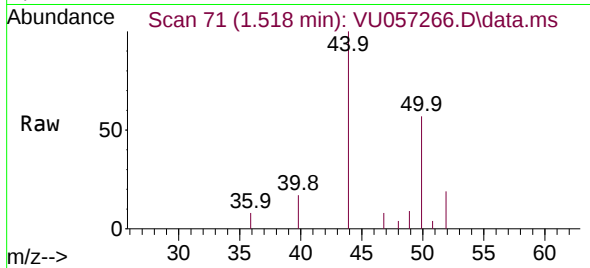




#3
Chloromethane
Concen: 0.169 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

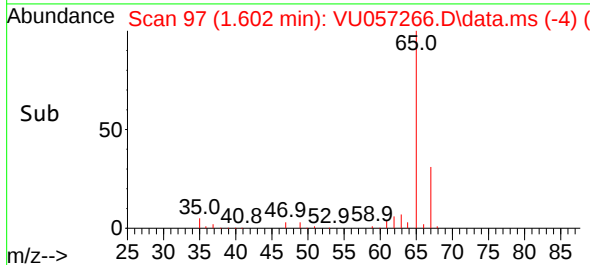
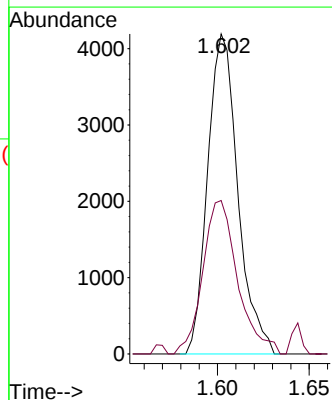
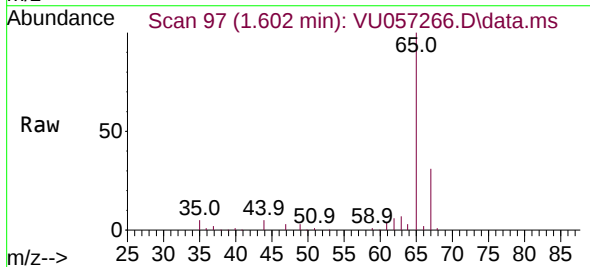
Instrument :
MSVOA_U
ClientSampleId :

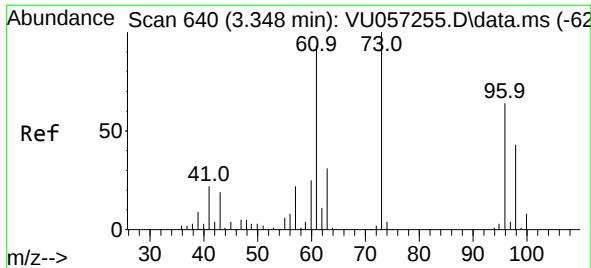
Tgt Ion: 50 Resp: 2143
Ion Ratio Lower Upper
50 100
52 33.7 23.7 44.1



#5
Vinyl chloride
Concen: 0.354 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

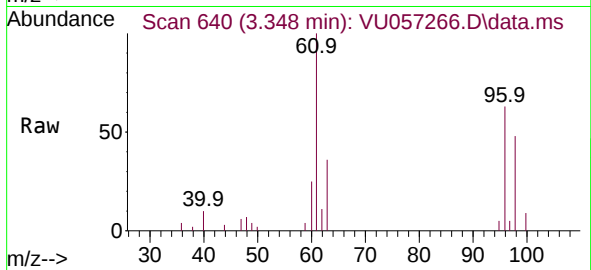
Tgt Ion: 62 Resp: 4793
Ion Ratio Lower Upper
62 100
64 48.0 23.3 43.3#



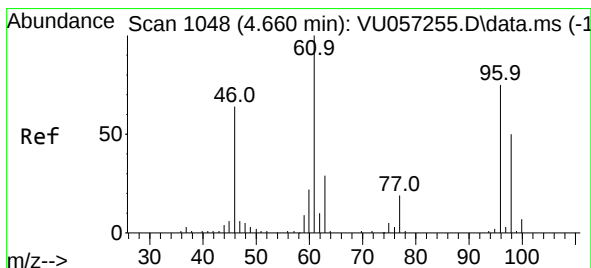
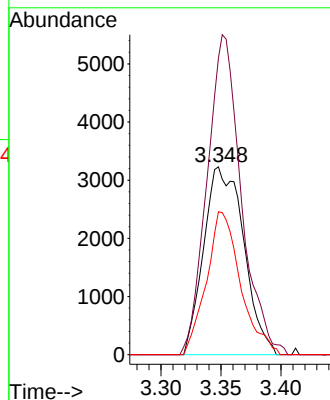
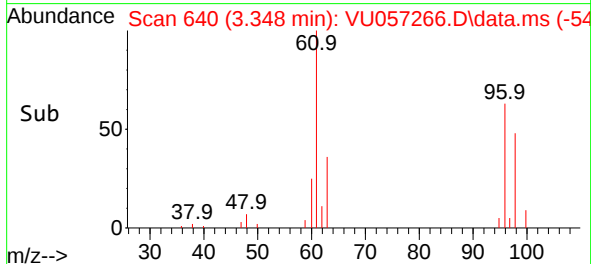


#18
trans-1,2-Dichloroethene
Concen: 0.663 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

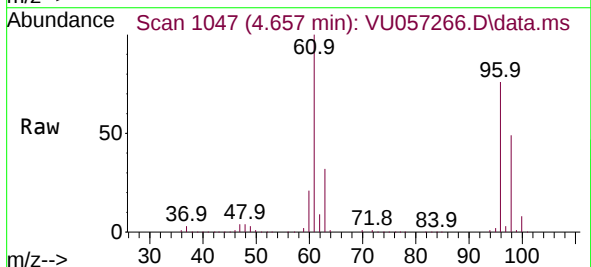
Instrument :
MSVOA_U
ClientSampleId :



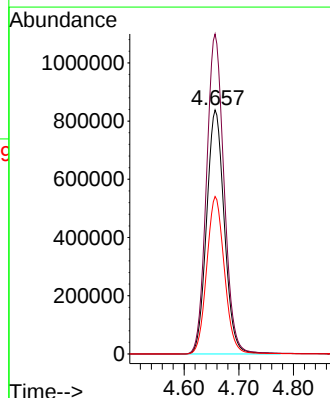
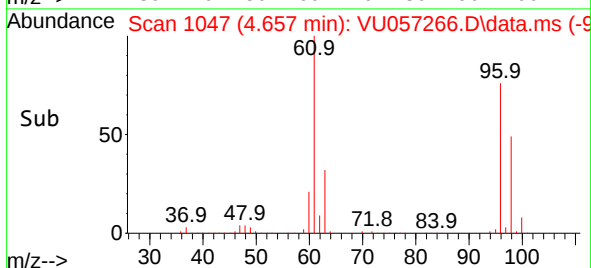
Tgt Ion: 96 Resp: 7488
Ion Ratio Lower Upper
96 100
61 157.9 98.4 182.8
98 76.1 43.6 81.0

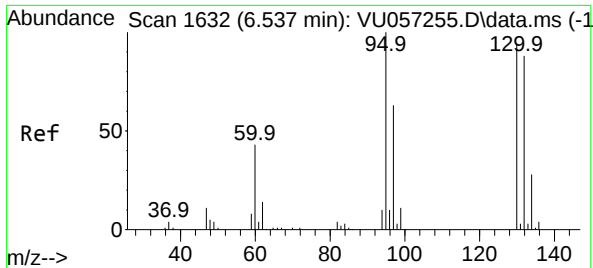


#22
cis-1,2-Dichloroethene
Concen: 151.522 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46



Tgt Ion: 96 Resp: 1884175
Ion Ratio Lower Upper
96 100
61 131.2 86.8 161.2
98 64.5 45.5 84.5

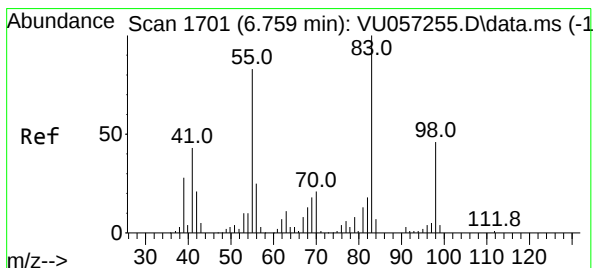
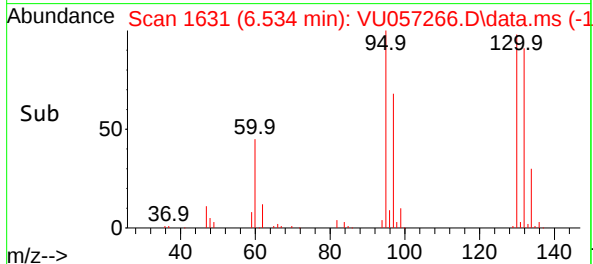
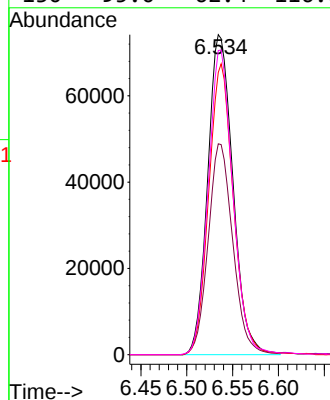
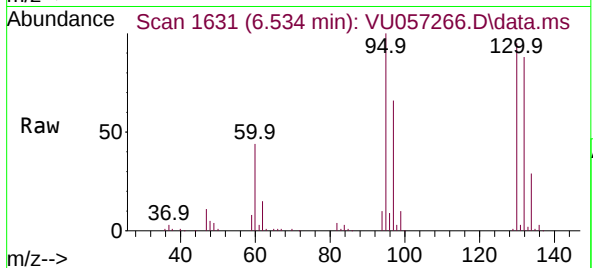




#34
Trichloroethene
Concen: 9.665 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

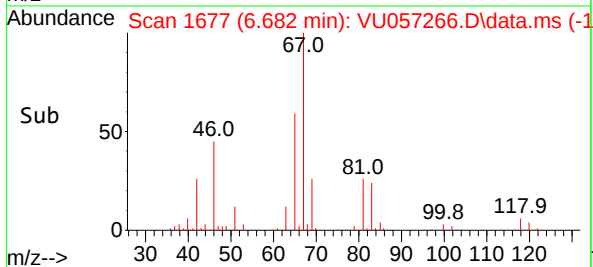
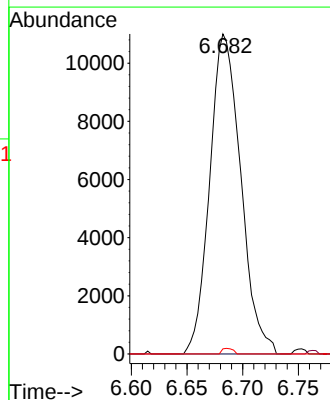
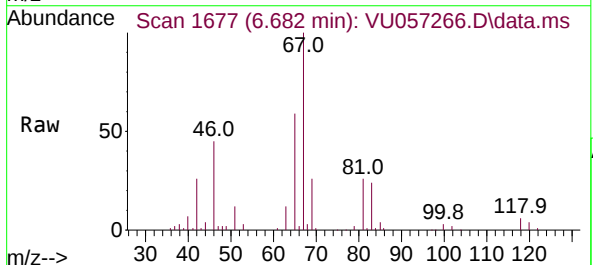
Instrument :
MSVOA_U
ClientSampleId :

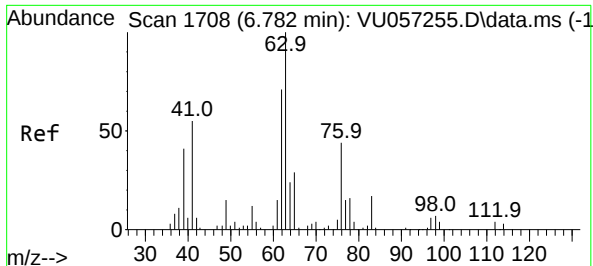
Tgt Ion: 95 Resp: 142033
Ion Ratio Lower Upper
95 100
97 65.9 44.3 82.3
132 88.2 62.6 116.2
130 95.0 62.4 116.0



#35
Methylcyclohexane
Concen: 1.102 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

Tgt Ion: 83 Resp: 21325
Ion Ratio Lower Upper
83 100
55 0.3 61.3 91.9#
98 0.6 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057266.D

Acq: 27 Dec 2023 05:46

Instrument :

MSVOA_U

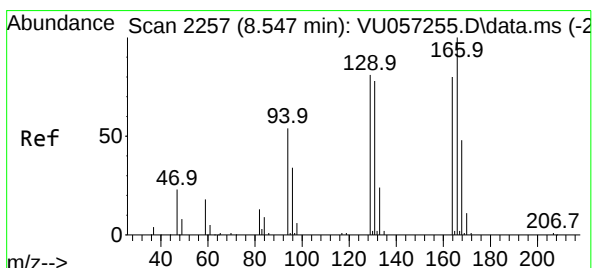
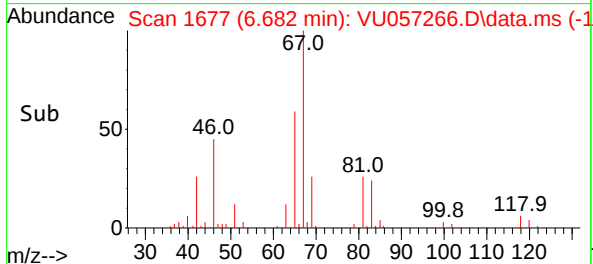
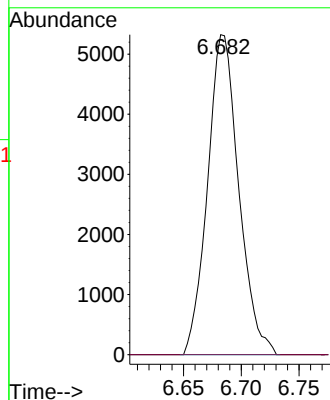
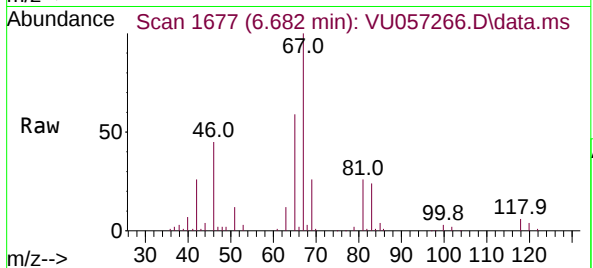
ClientSampleId :

Tgt Ion: 63 Resp: 10002

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#47

Tetrachloroethene

Concen: 3.850 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057266.D

Acq: 27 Dec 2023 05:46

Tgt Ion:164 Resp: 40543

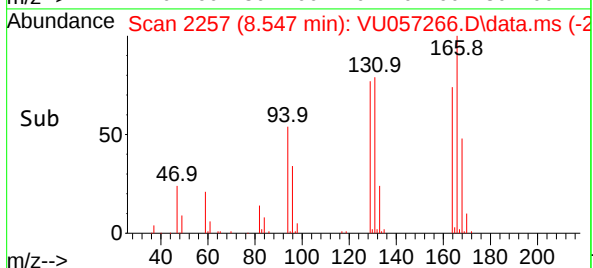
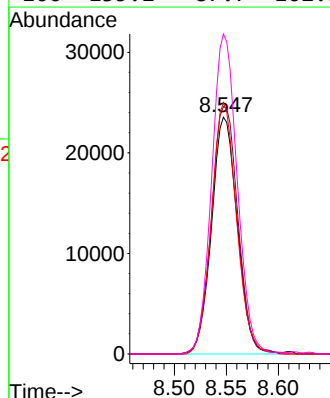
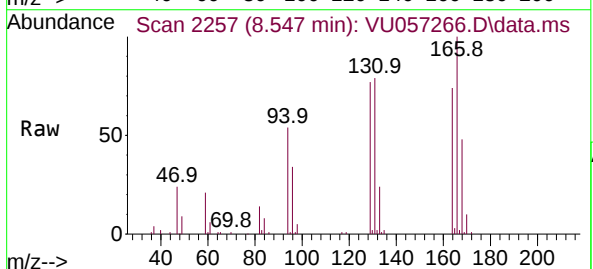
Ion Ratio Lower Upper

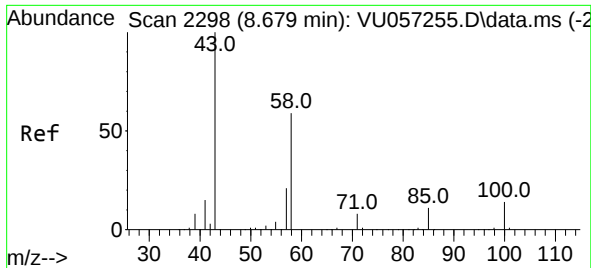
164 100

129 104.5 72.9 135.3

131 106.2 71.7 133.3

166 135.2 87.7 162.9

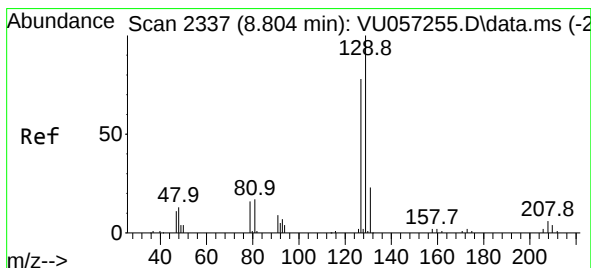
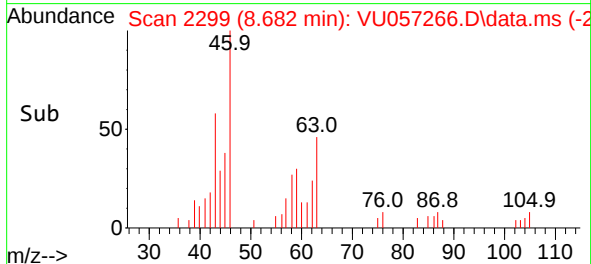
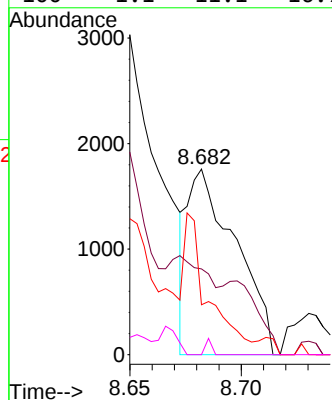
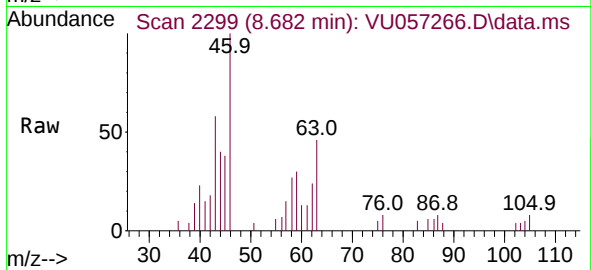




#48
2-Hexanone
Concen: 0.666 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

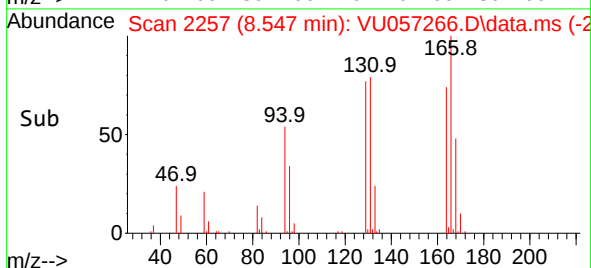
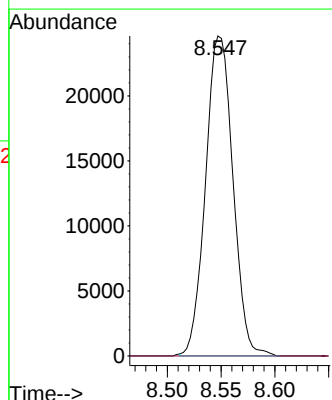
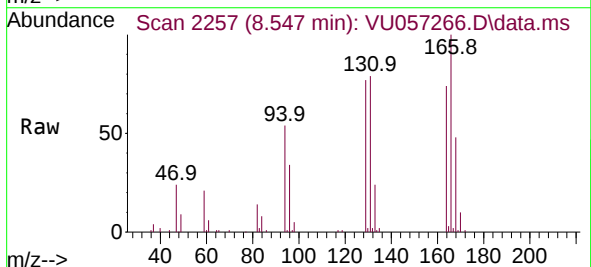
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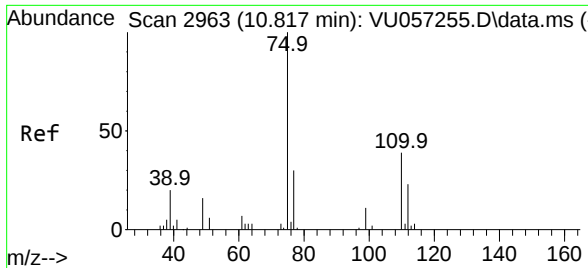
Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.8#
57 0.0 18.5 27.7#
100 1.1 11.1 16.7#



#49
Dibromochloromethane
Concen: 3.899 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

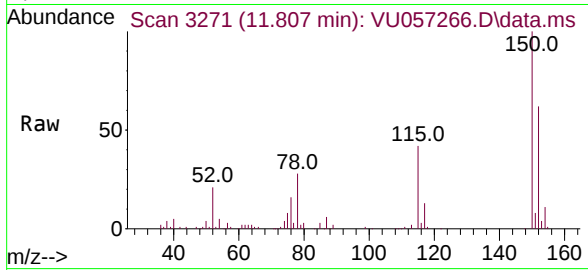
Tgt Ion: 129 Resp: 43592
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#61
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057266.D
Acq: 27 Dec 2023 05:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8345
Ion Ratio Lower Upper
75 100
110 1.8 31.2 46.8#
77 33.9 25.5 38.3

