

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057301.D
 Acq On : 28 Dec 2023 00:42
 Operator : MD/SY
 Sample : 06021-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 01:50:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

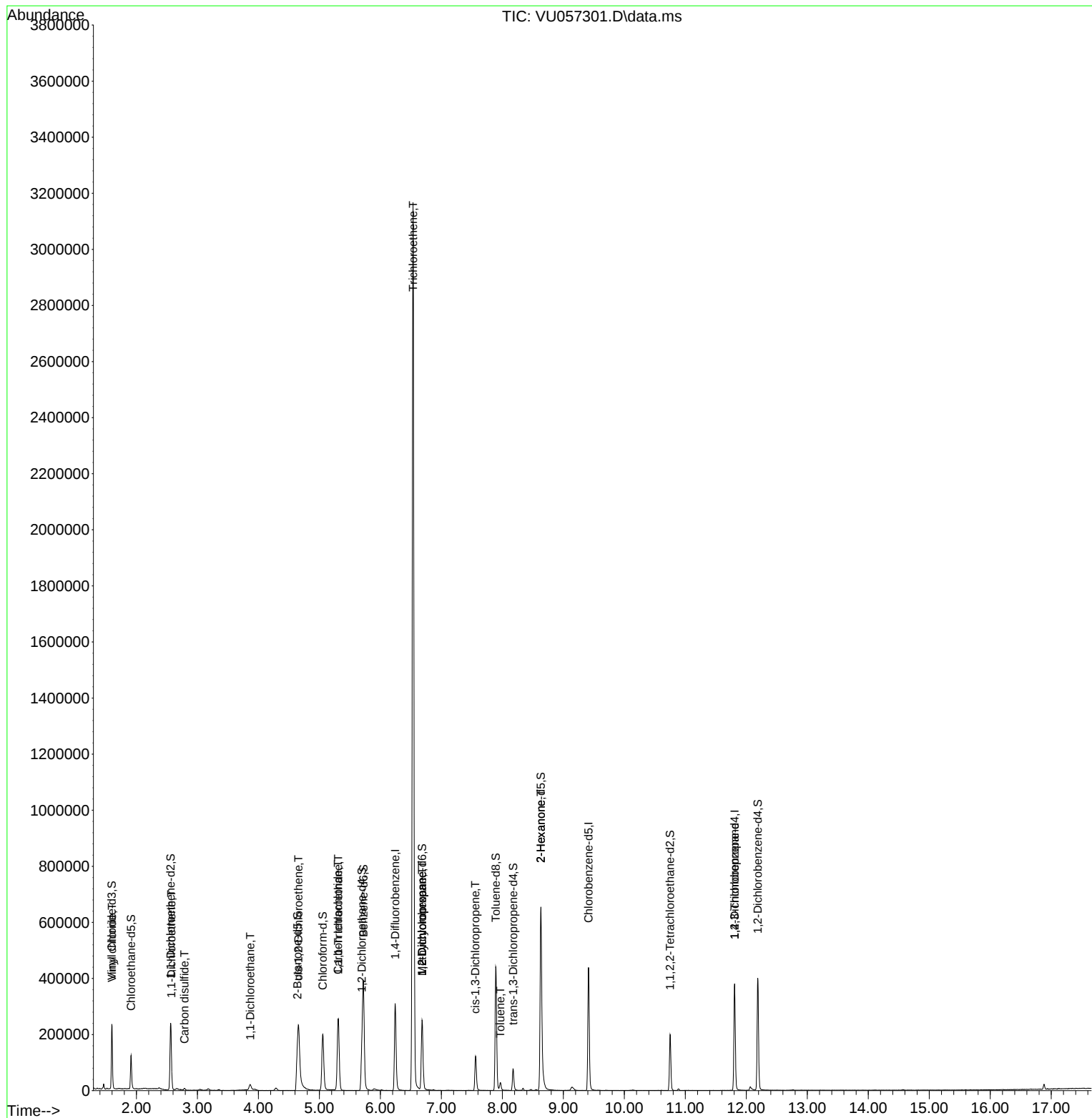
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	247146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	111663	5.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.911	69	93200	5.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.560	65	45878	5.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.638	46	281769	58.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.100%
24) Chloroform-d	5.056	84	197886	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.695	65	105407	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.721	84	368043	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.682	67	124149	5.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.891	98	300335	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.178	79	45937	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	218748	54.609	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101688	5.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	104598	5.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	64994	3.150	ug/L	96
12) 1,1-Dichloroethene	2.570	96	6207	0.384	ug/L #	1
14) Carbon disulfide	2.785	76	9606	0.209	ug/L #	94
19) 1,1-Dichloroethane	3.866	63	21845	0.649	ug/L #	90
22) cis-1,2-Dichloroethene	4.657	96	75288	4.063	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	192423	6.157	ug/L	99
31) Carbon tetrachloride	5.306	117	23939	0.913	ug/L	96
34) Trichloroethene	6.535	95	1124530	59.363	ug/L	98
35) Methylcyclohexane	6.682	83	28282	1.143	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13265	0.671	ug/L #	90
39) cis-1,3-Dichloropropene	7.557	75	3291	0.122	ug/L #	67
42) Toluene	7.965	91	19433	0.254	ug/L	97
48) 2-Hexanone	8.631	43	47869	6.443	ug/L #	65
61) 1,2,3-Trichloropropane	11.808	75	12311	1.162	ug/L #	68

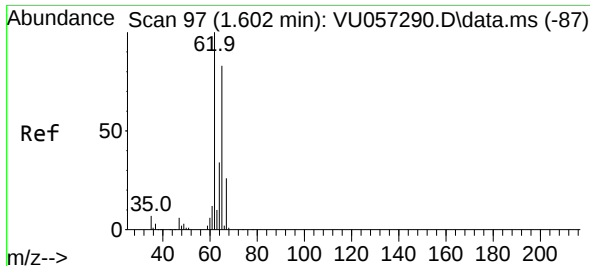
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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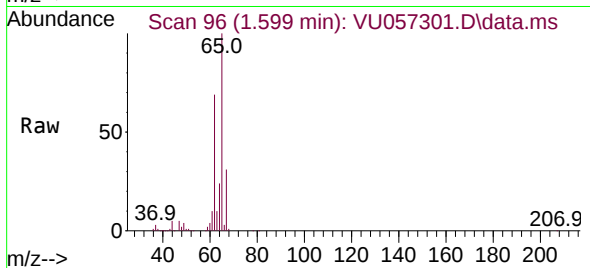
Quant Time: Dec 28 01:50:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
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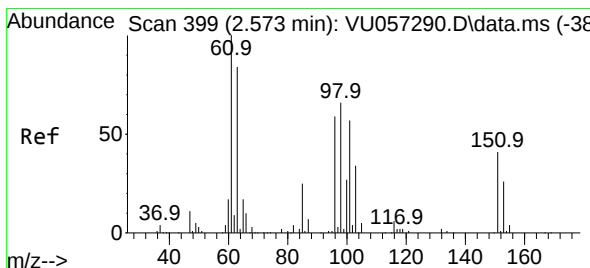
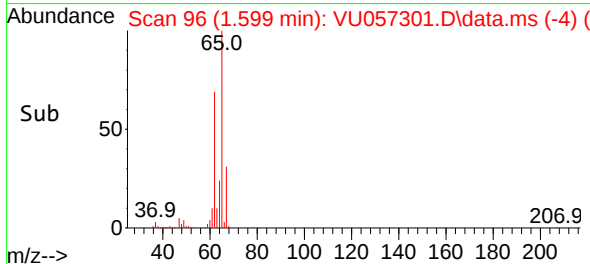
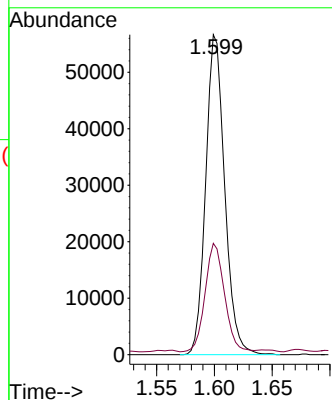


#5
 Vinyl chloride
 Concen: 3.150 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42

Instrument :
 MSVOA_U
 ClientSampleId :

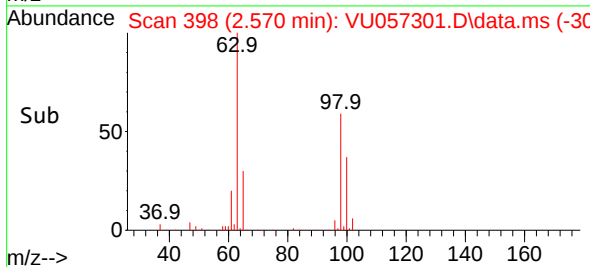
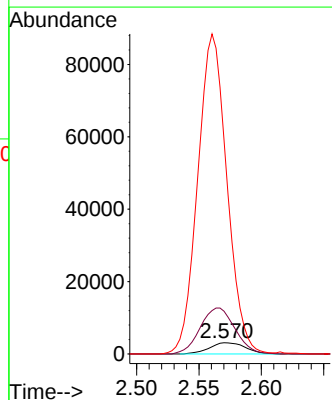
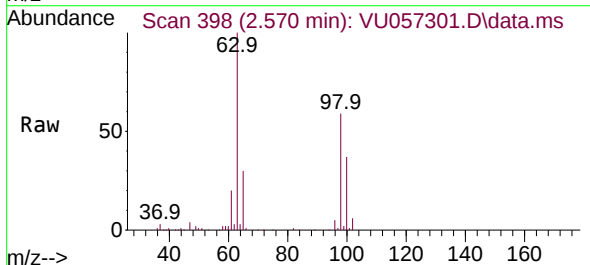


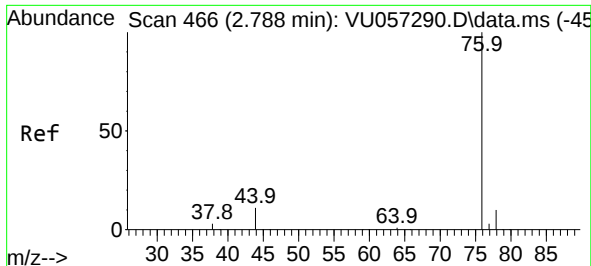
Tgt Ion: 62 Resp: 64994
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.384 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42

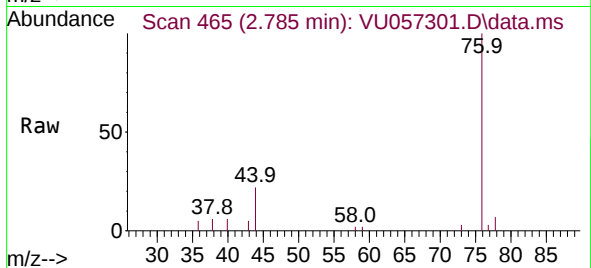
Tgt Ion: 96 Resp: 6207
 Ion Ratio Lower Upper
 96 100
 61 381.7 122.2 226.9#
 63 1911.7 99.2 184.2#



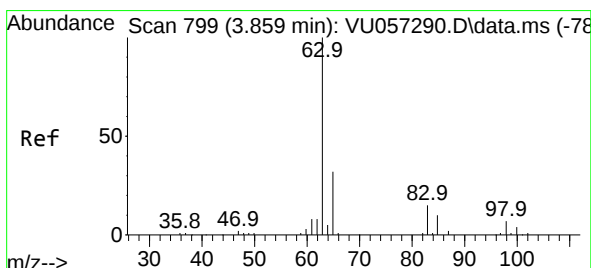
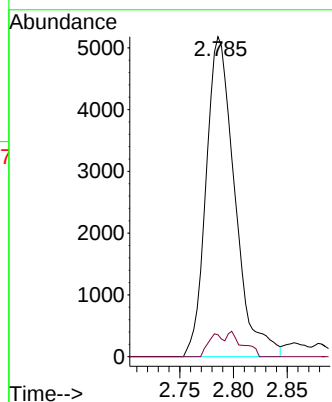
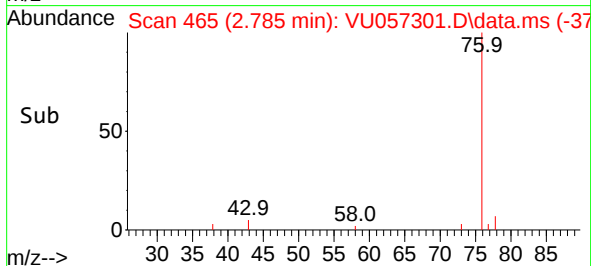


#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.785 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Instrument :
MSVOA_U
ClientSampleId :

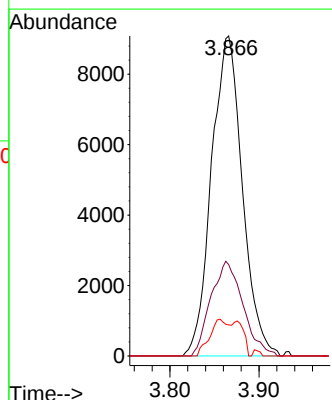
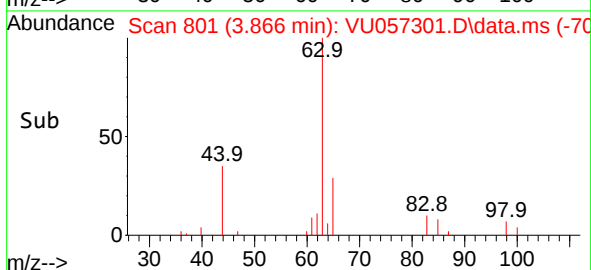
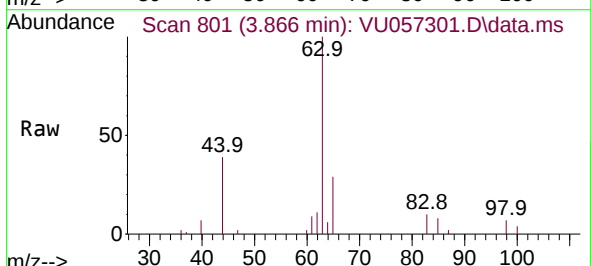


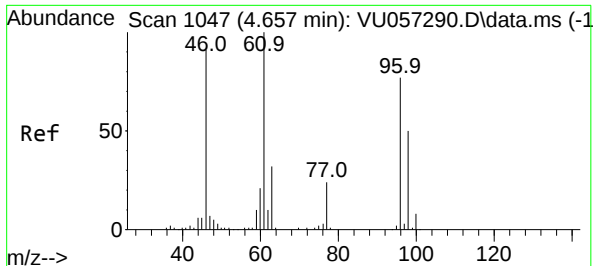
Tgt Ion: 76 Resp: 9606
Ion Ratio Lower Upper
76 100
78 6.8 7.3 10.9#



#19
1,1-Dichloroethane
Concen: 0.649 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

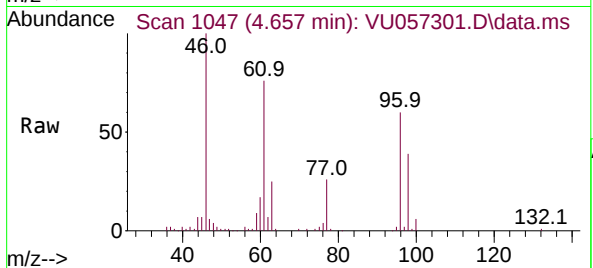
Tgt Ion: 63 Resp: 21845
Ion Ratio Lower Upper
63 100
65 28.5 23.6 43.8
83 9.7 9.8 18.2#



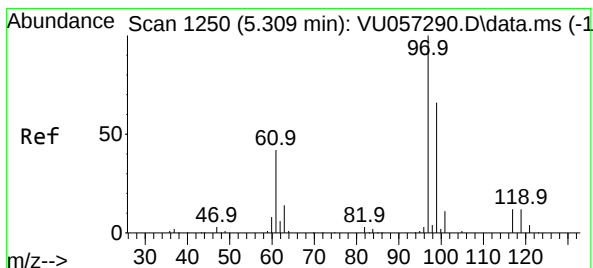
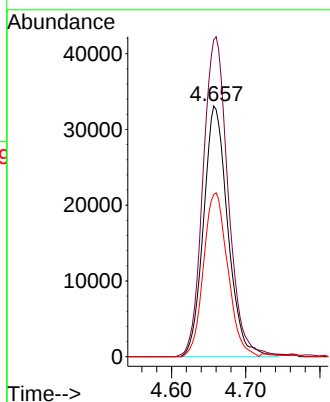
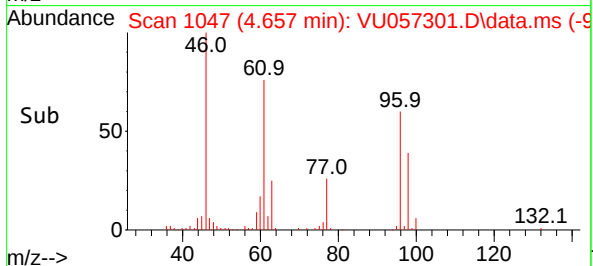


#22
 cis-1,2-Dichloroethene
 Concen: 4.063 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42

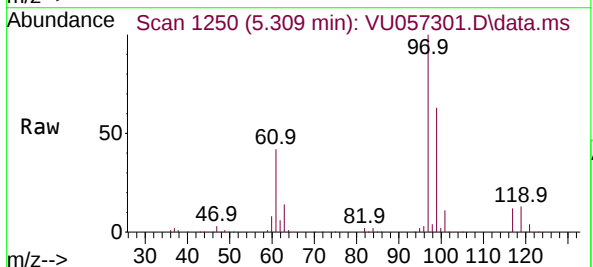
Instrument :
 MSVOA_U
 ClientSampleId :



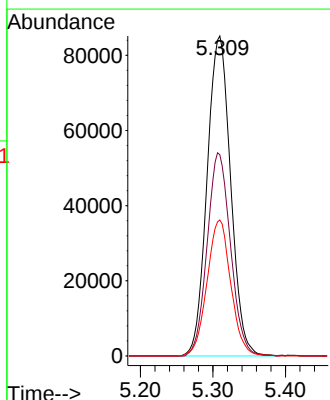
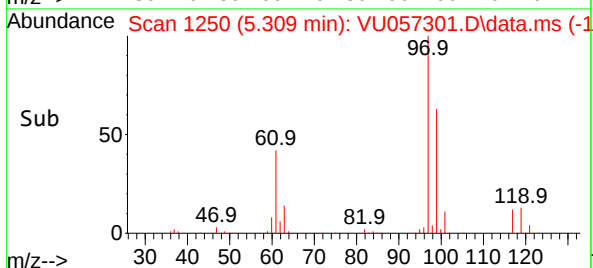
Tgt Ion: 96 Resp: 75288
 Ion Ratio Lower Upper
 96 100
 61 126.3 91.1 169.3
 98 64.7 42.6 79.0

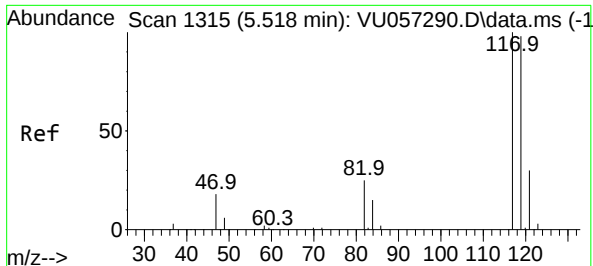


#29
 1,1,1-Trichloroethane
 Concen: 6.157 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42



Tgt Ion: 97 Resp: 192423
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.7 77.5
 61 42.9 34.1 51.1

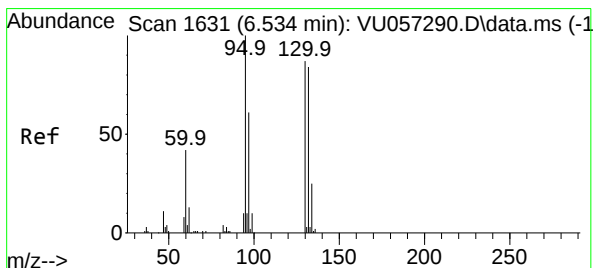
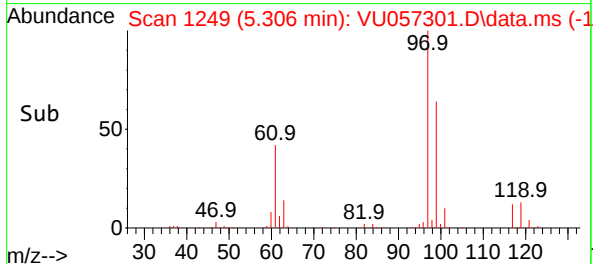
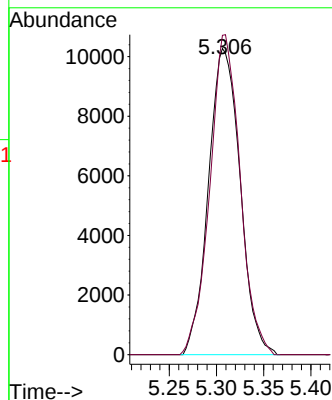
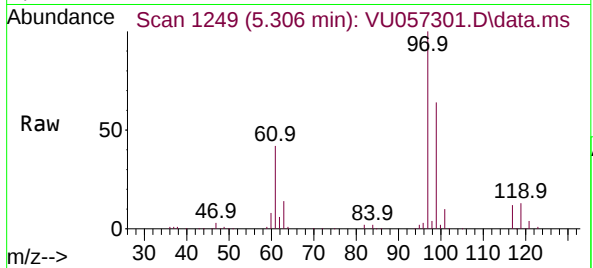




#31
Carbon tetrachloride
Concen: 0.913 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

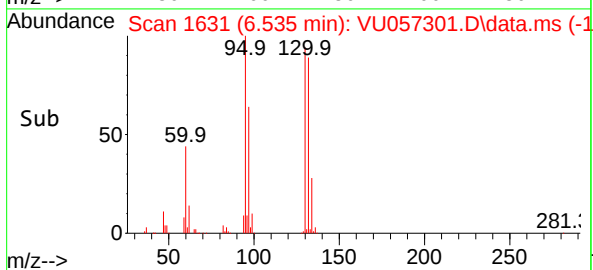
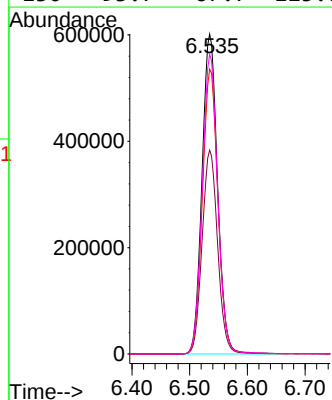
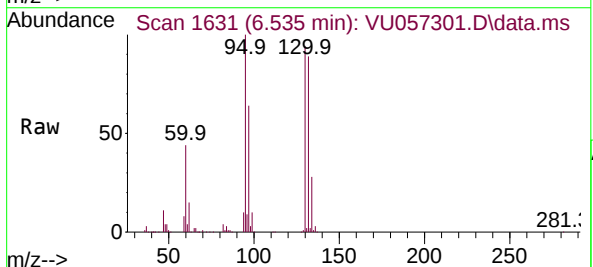
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MSVOA_U
ClientSampleId :

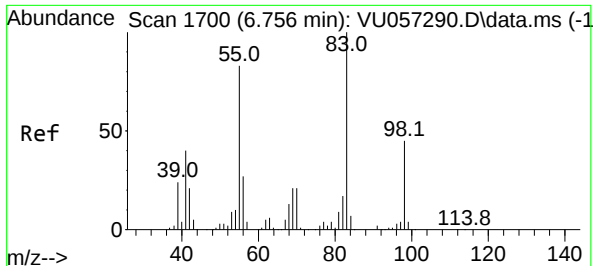
Tgt Ion:117 Resp: 23939
Ion Ratio Lower Upper
117 100
119 99.9 76.7 115.1



#34
Trichloroethene
Concen: 59.363 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Tgt Ion: 95 Resp: 1124530
Ion Ratio Lower Upper
95 100
97 63.7 45.3 84.1
132 89.0 63.1 117.3
130 93.7 67.7 125.7

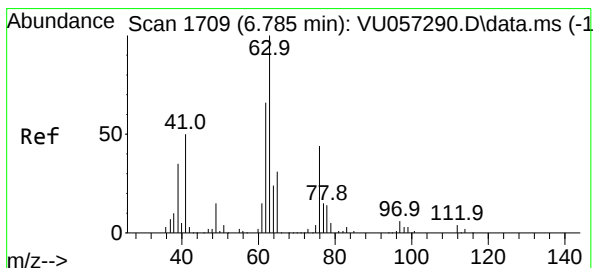
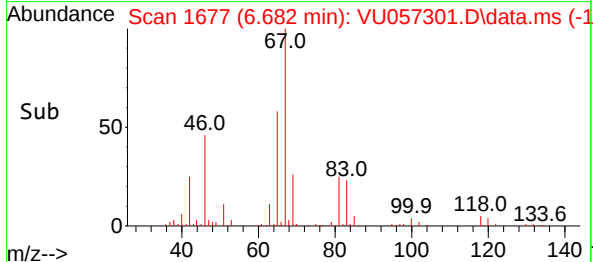
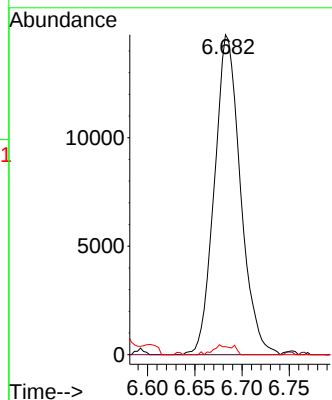
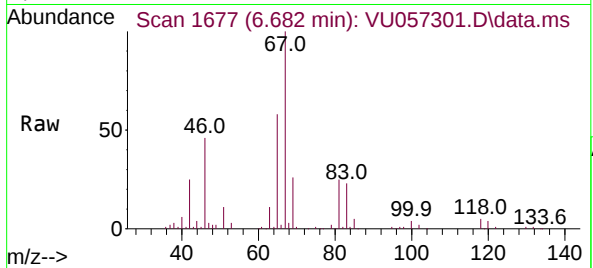




#35
Methylcyclohexane
Concen: 1.143 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

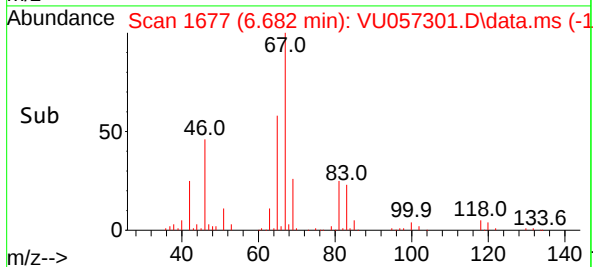
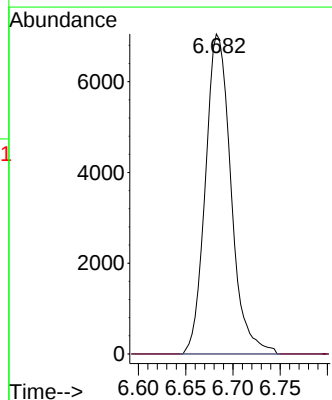
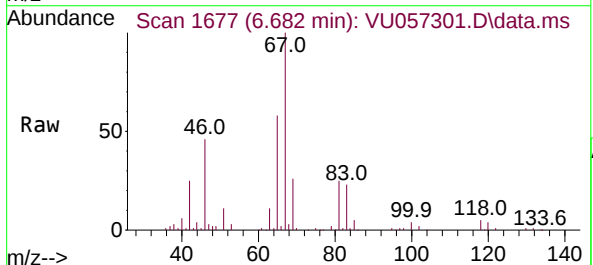
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MSVOA_U
ClientSampleId :

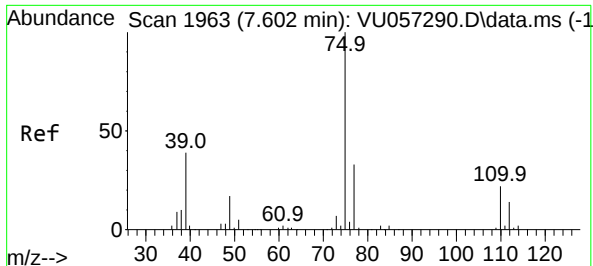
Tgt Ion: 83 Resp: 28282
Ion Ratio Lower Upper
83 100
55 0.2 65.4 98.2#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Tgt Ion: 63 Resp: 13265
Ion Ratio Lower Upper
63 100
112 0.4 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.557 min Scan# 1963

Delta R.T. -0.045 min

Lab File: VU057301.D

Acq: 28 Dec 2023 00:42

Instrument :

MSVOA_U

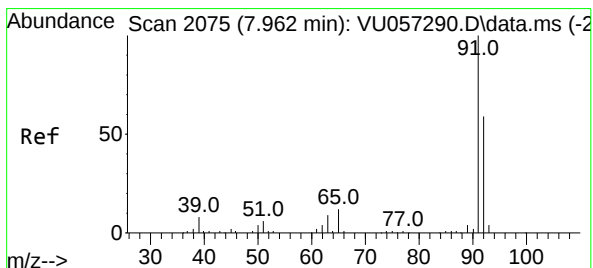
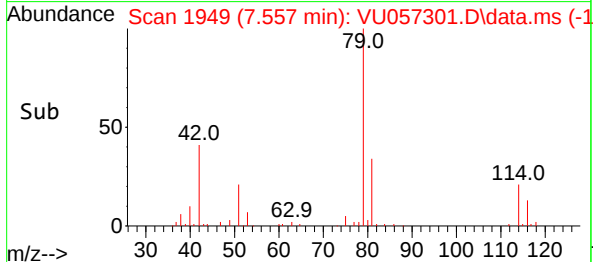
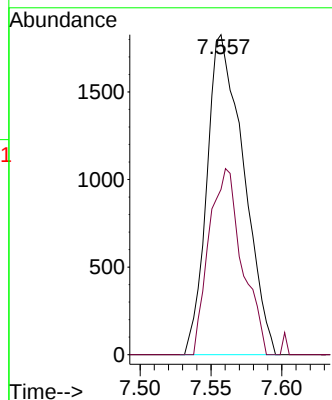
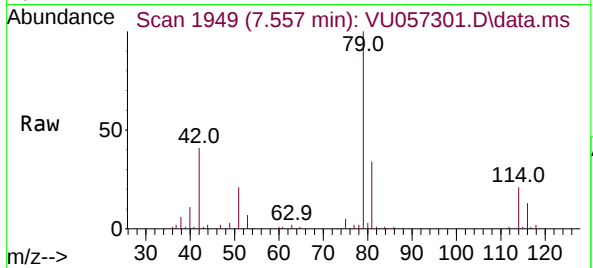
ClientSampleId :

Tgt Ion: 75 Resp: 3291

Ion Ratio Lower Upper

75 100

77 51.7 23.0 42.8#



#42

Toluene

Concen: 0.254 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057301.D

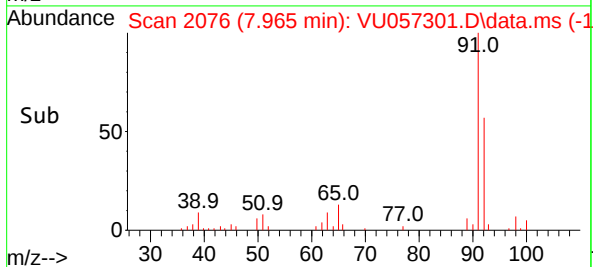
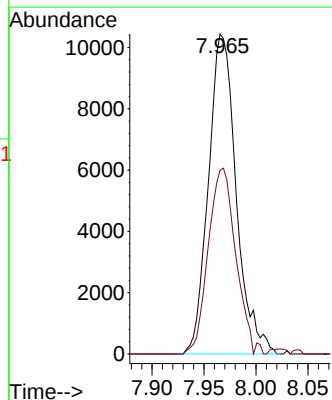
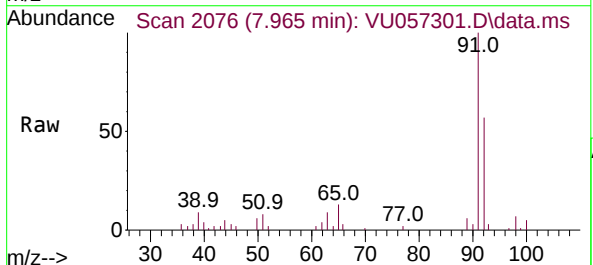
Acq: 28 Dec 2023 00:42

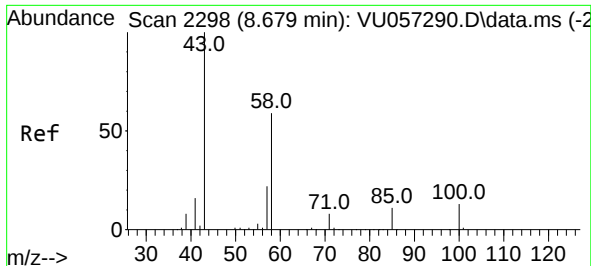
Tgt Ion: 91 Resp: 19433

Ion Ratio Lower Upper

91 100

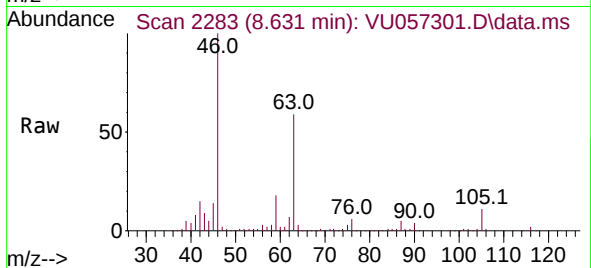
92 57.4 41.6 77.2



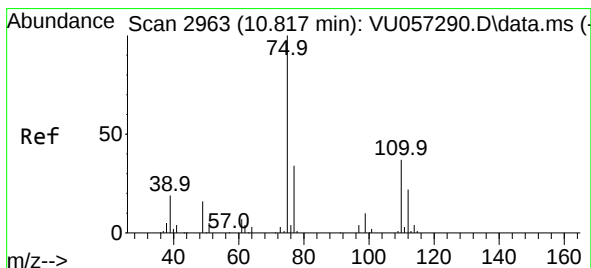
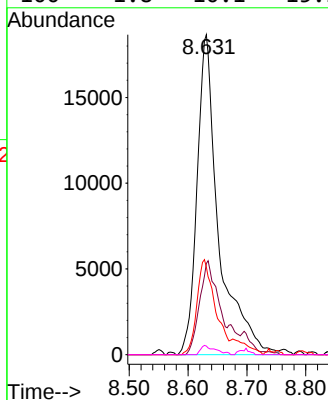
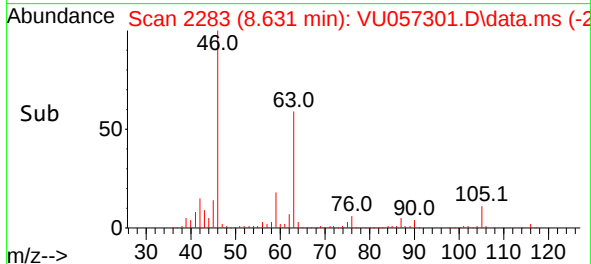


#48
2-Hexanone
Concen: 6.443 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 47869
Ion Ratio Lower Upper
43 100
58 25.2 48.4 72.6#
57 25.2 17.4 26.2
100 1.8 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.162 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Tgt Ion: 75 Resp: 12311
Ion Ratio Lower Upper
75 100
110 2.5 29.0 43.6#
77 33.6 25.4 38.2

