

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057298.D
 Acq On : 27 Dec 2023 23:29
 Operator : MD/SY
 Sample : 06021-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

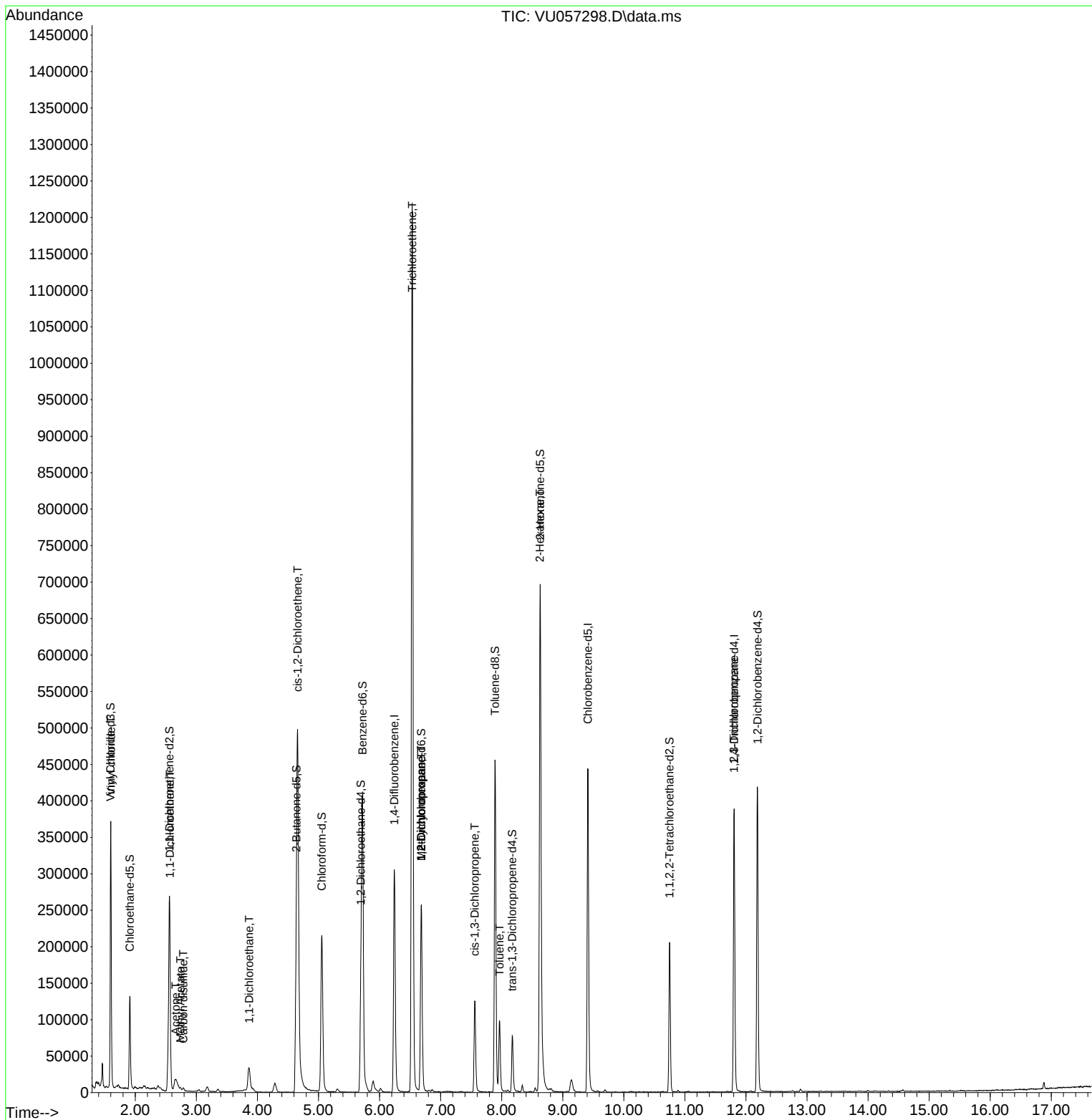
Quant Time: Dec 28 01:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

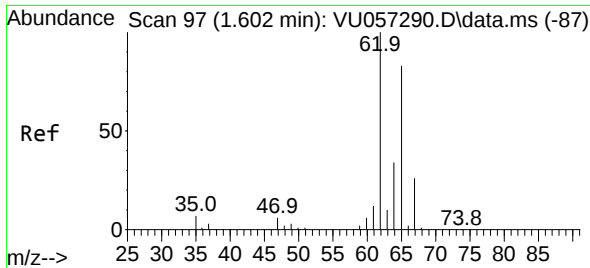
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	249484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	116614	5.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.911	69	98541	5.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	2.560	65	45959	5.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	4.637	46	278446	57.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.055	84	206288	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.695	65	109472	5.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.721	84	384710	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.682	67	129143	5.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.600%
41) Toluene-d8	7.891	98	309519	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	47276	5.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.631	63	229074	56.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	102512	5.509	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	107490	5.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	155355	7.460	ug/L	100
12) 1,1-Dichloroethene	2.566	96	3541	0.217	ug/L #	1
13) Acetone	2.663	43	38106	12.036	ug/L	57
14) Carbon disulfide	2.788	76	6032	0.130	ug/L	97
15) Methyl Acetate	2.740	43	5158	0.715	ug/L #	49
19) 1,1-Dichloroethane	3.865	63	37382	1.099	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	216200	11.560	ug/L	98
34) Trichloroethene	6.534	95	440515	23.135	ug/L	98
35) Methylcyclohexane	6.685	83	28840	1.160	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14373	0.723	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3189	0.117	ug/L #	59
42) Toluene	7.965	91	72846	0.947	ug/L	99
48) 2-Hexanone	8.627	43	46169	6.182	ug/L #	69
61) 1,2,3-Trichloropropane	11.804	75	12442	1.178	ug/L #	66

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

Quant Time: Dec 28 01:49:58 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

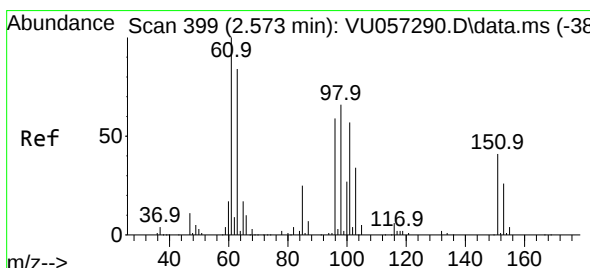
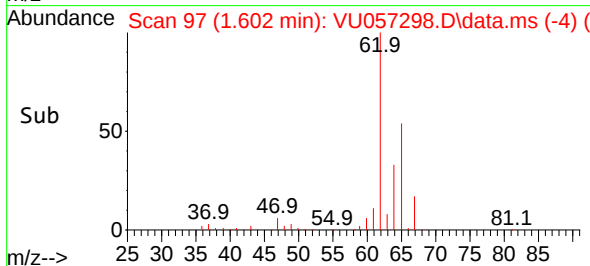
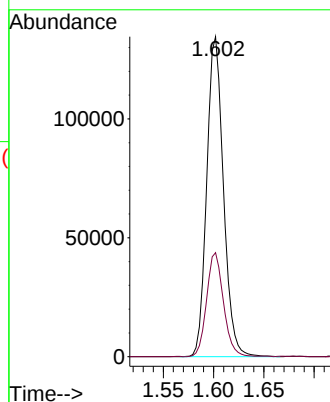
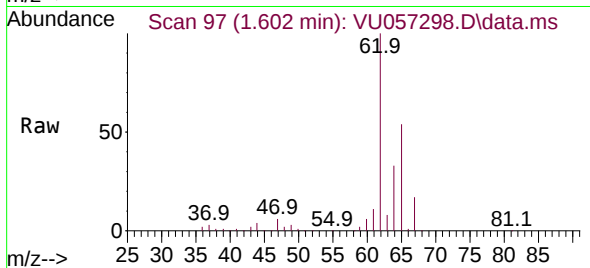




#5
 Vinyl chloride
 Concen: 7.460 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

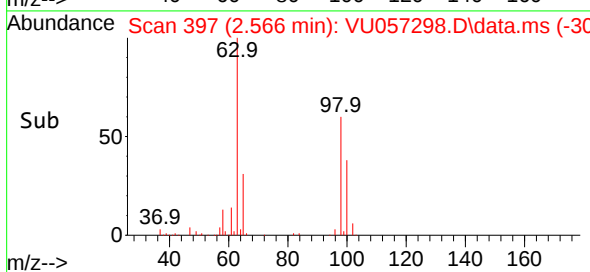
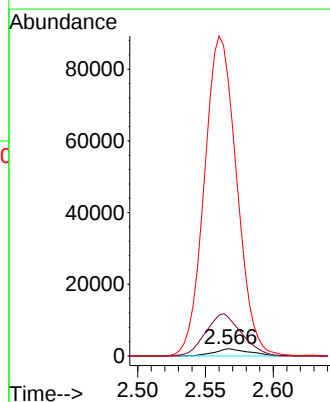
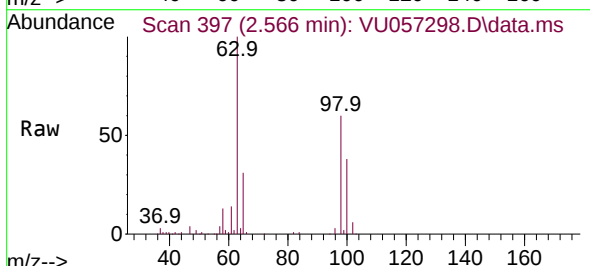
Instrument :
 MSVOA_U
 ClientSampleId :

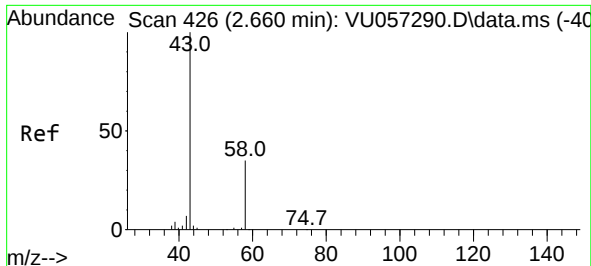
Tgt Ion: 62 Resp: 155355
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.217 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

Tgt Ion: 96 Resp: 3541
 Ion Ratio Lower Upper
 96 100
 61 545.7 122.2 226.9#
 63 3886.9 99.2 184.2#





#13

Acetone

Concen: 12.036 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

Instrument :

MSVOA_U

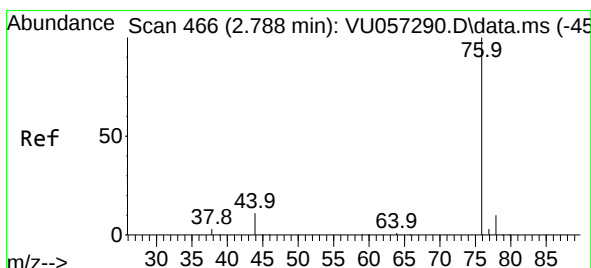
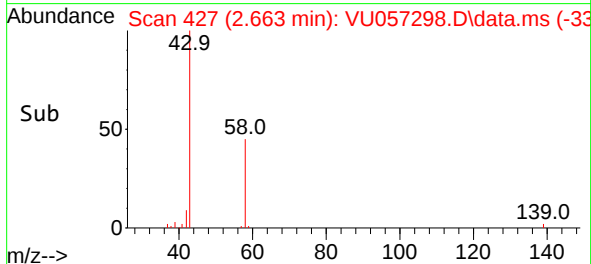
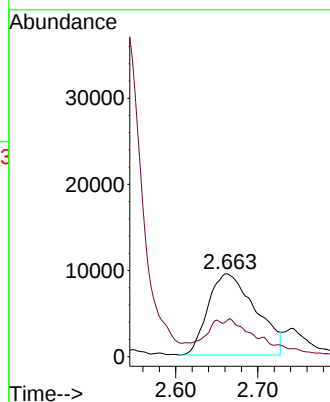
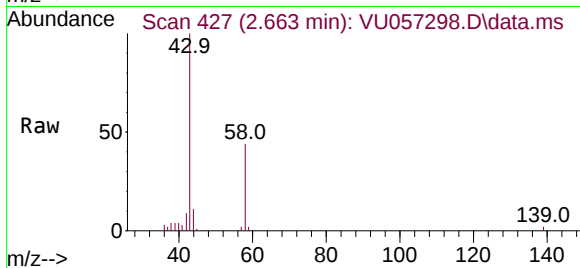
ClientSampleId :

Tgt Ion: 43 Resp: 38106

Ion Ratio Lower Upper

43 100

58 9.1 0.0 67.2



#14

Carbon disulfide

Concen: 0.130 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057298.D

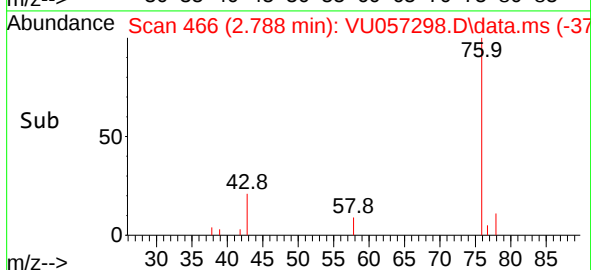
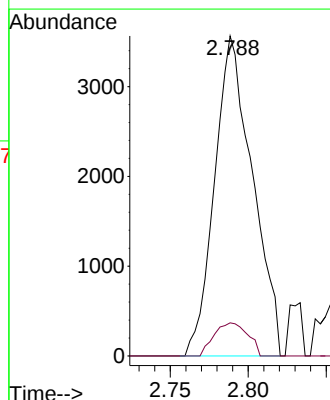
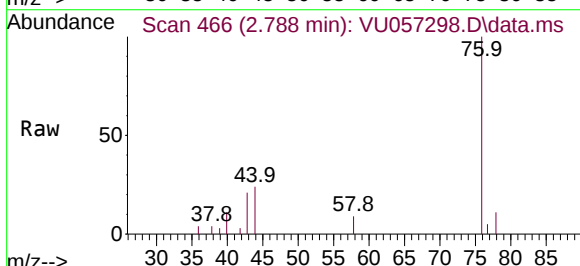
Acq: 27 Dec 2023 23:29

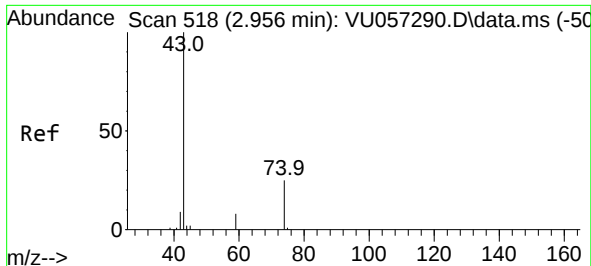
Tgt Ion: 76 Resp: 6032

Ion Ratio Lower Upper

76 100

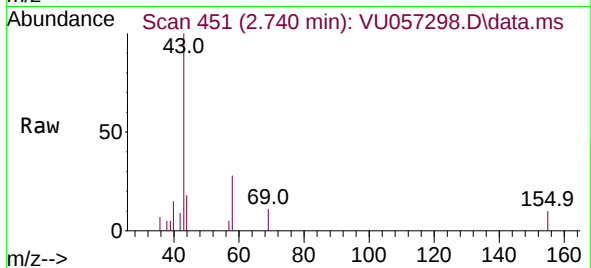
78 10.4 7.3 10.9



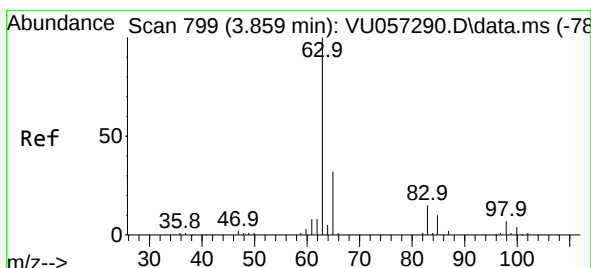
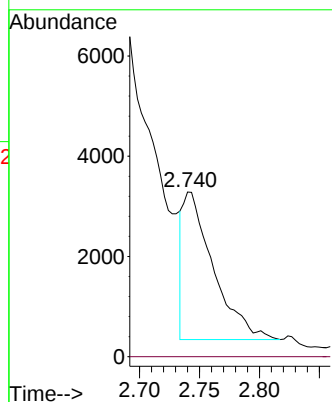
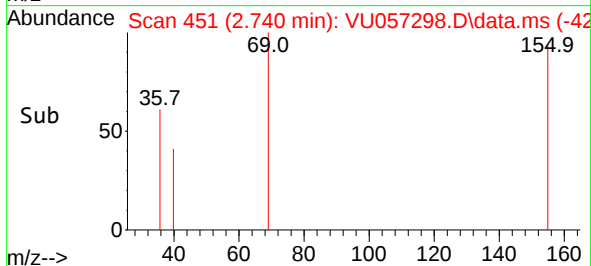


#15
Methyl Acetate
Concen: 0.715 ug/L
RT: 2.740 min Scan# 41
Delta R.T. -0.216 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29

Instrument :
MSVOA_U
ClientSampleId :

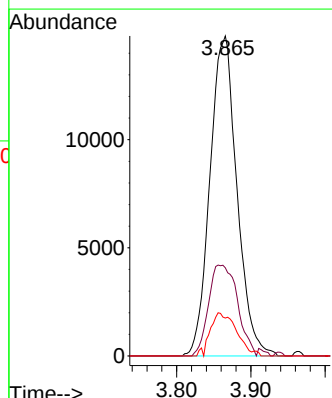
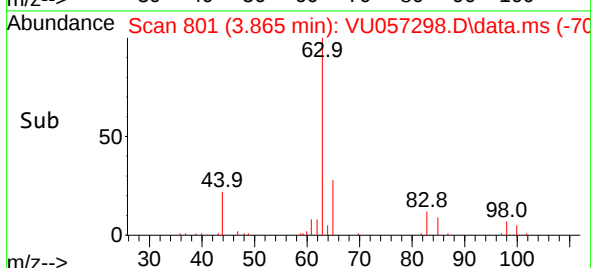
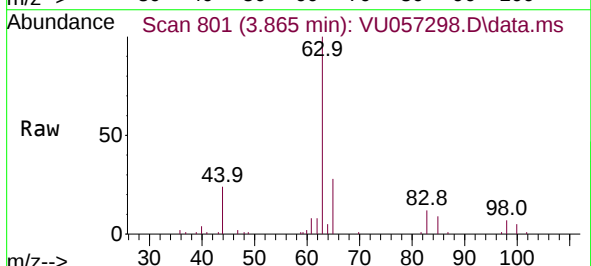


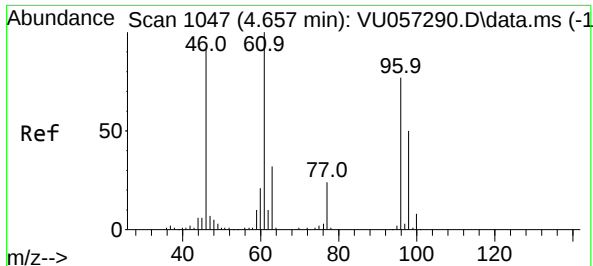
Tgt Ion: 43 Resp: 5158
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#



#19
1,1-Dichloroethane
Concen: 1.099 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29

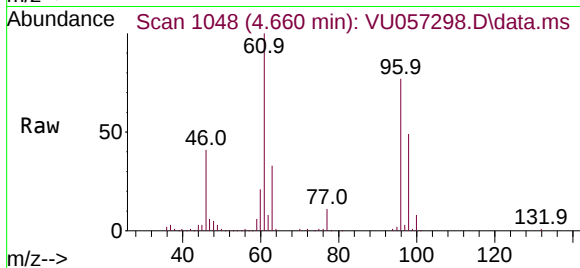
Tgt Ion: 63 Resp: 37382
Ion Ratio Lower Upper
63 100
65 27.6 23.6 43.8
83 11.9 9.8 18.2



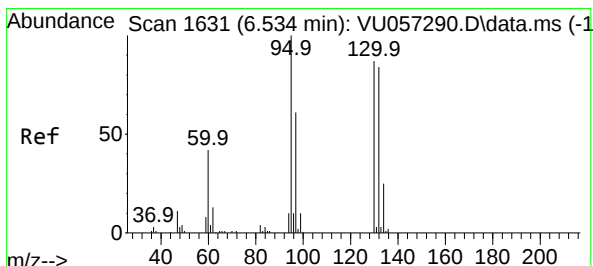
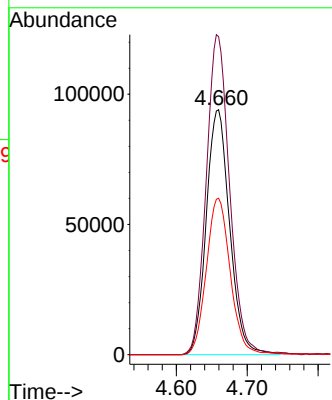
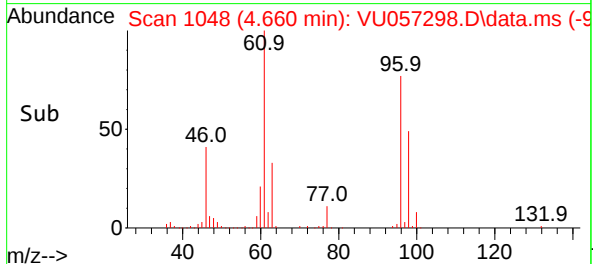


#22
 cis-1,2-Dichloroethene
 Concen: 11.560 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

Instrument :
 MSVOA_U
 ClientSampleId :

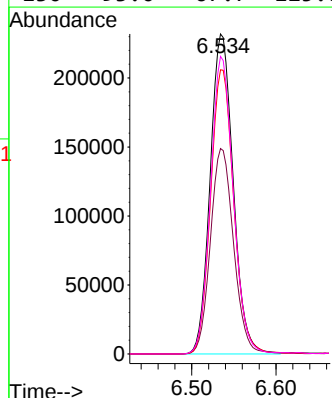
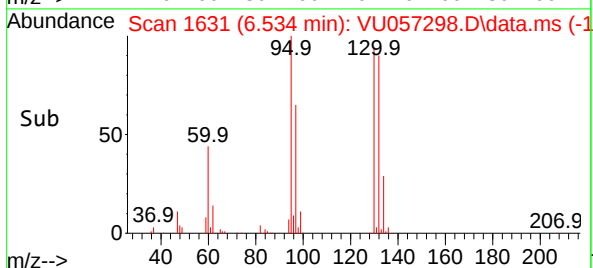
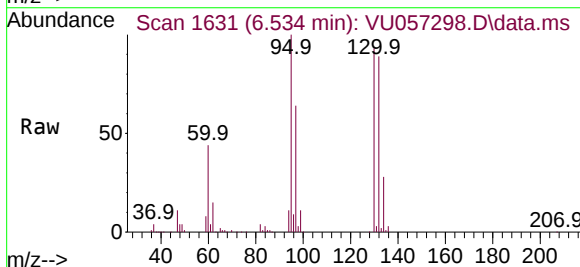


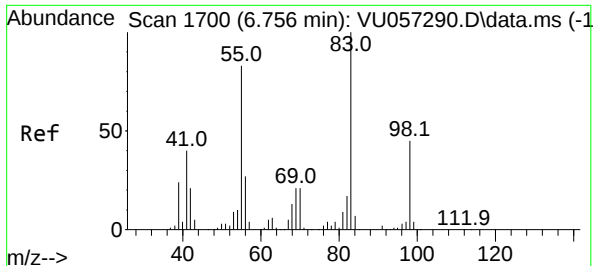
Tgt Ion: 96 Resp: 216200
 Ion Ratio Lower Upper
 96 100
 61 129.8 91.1 169.3
 98 63.9 42.6 79.0



#34
 Trichloroethene
 Concen: 23.135 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

Tgt Ion: 95 Resp: 440515
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.3 84.1
 132 88.8 63.1 117.3
 130 93.0 67.7 125.7





#35

Methylcyclohexane

Concen: 1.160 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

Instrument :

MSVOA_U

ClientSampleId :

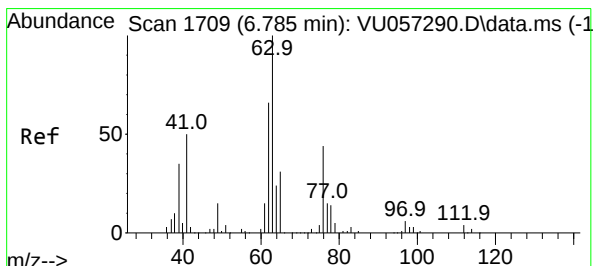
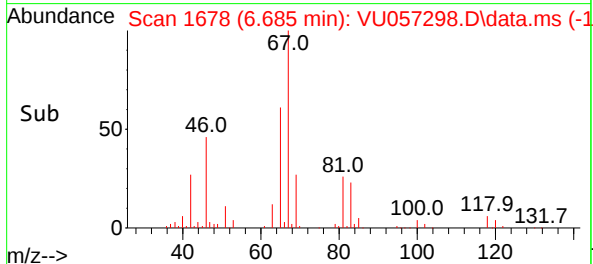
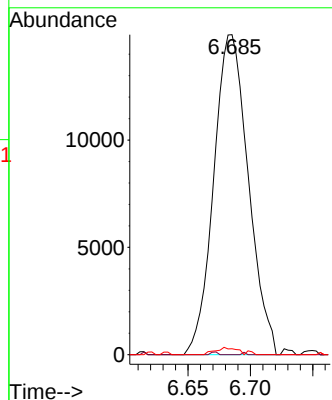
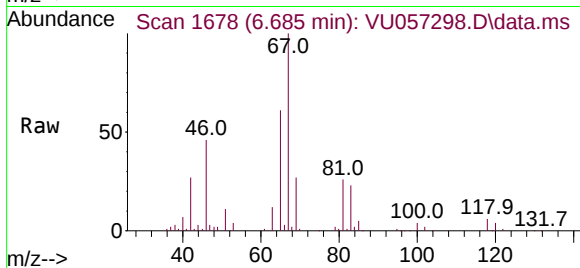
Tgt Ion: 83 Resp: 28840

Ion Ratio Lower Upper

83 100

55 0.2 65.4 98.2#

98 1.4 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.723 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057298.D

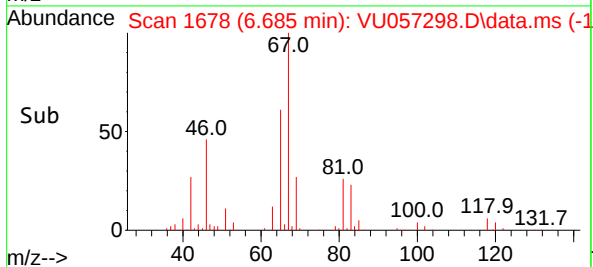
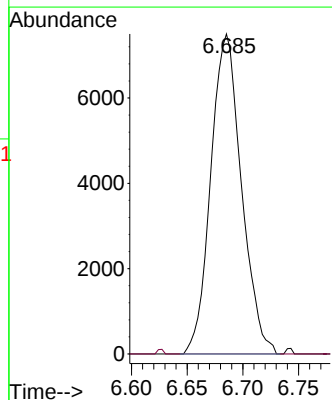
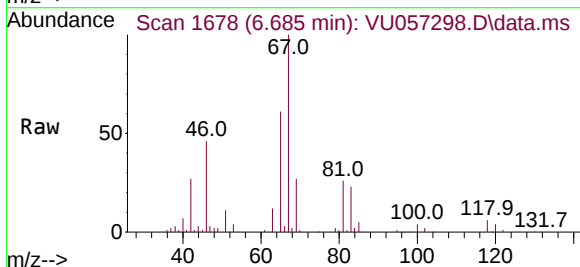
Acq: 27 Dec 2023 23:29

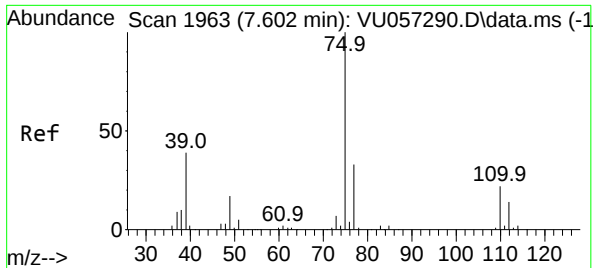
Tgt Ion: 63 Resp: 14373

Ion Ratio Lower Upper

63 100

112 0.3 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

Instrument :

MSVOA_U

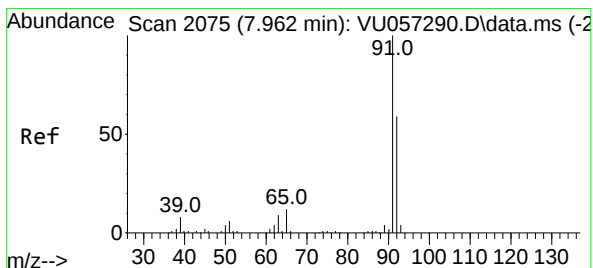
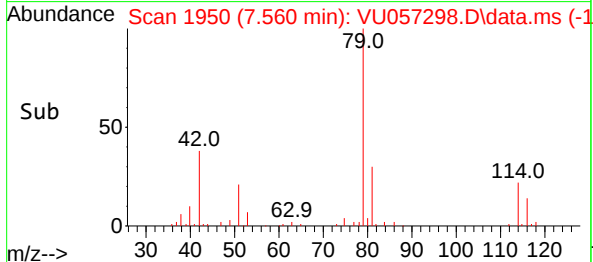
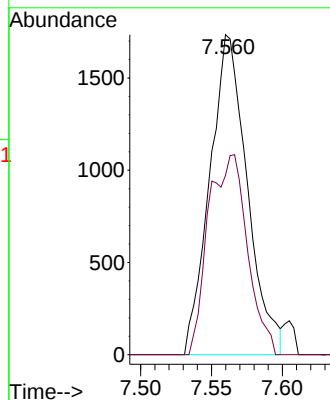
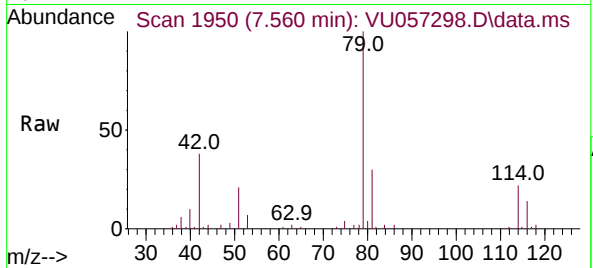
ClientSampleId :

Tgt Ion: 75 Resp: 3189

Ion Ratio Lower Upper

75 100

77 56.0 23.0 42.8#



#42

Toluene

Concen: 0.947 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057298.D

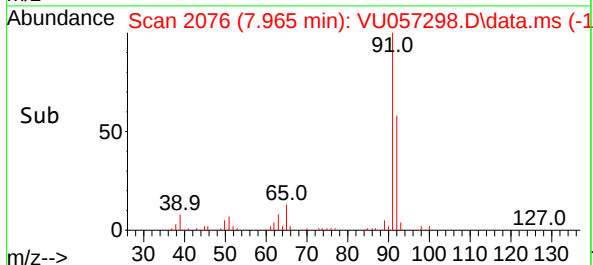
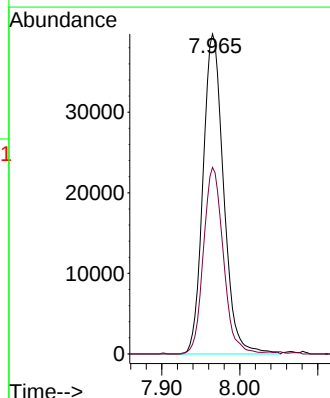
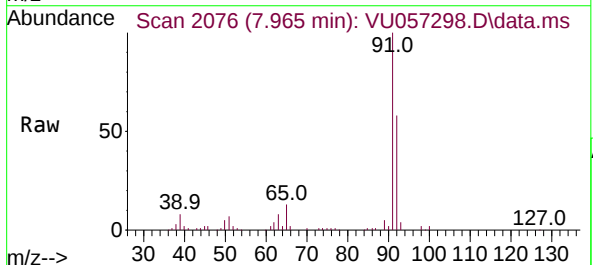
Acq: 27 Dec 2023 23:29

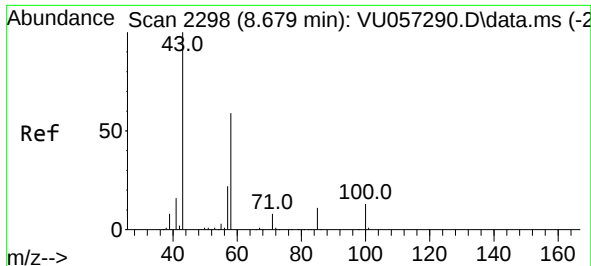
Tgt Ion: 91 Resp: 72846

Ion Ratio Lower Upper

91 100

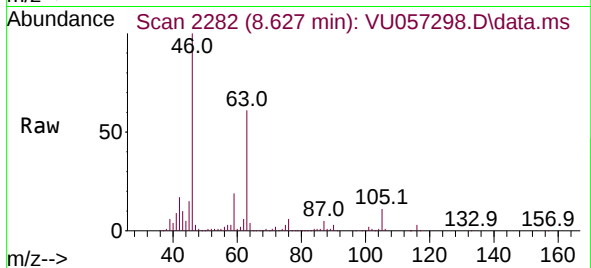
92 58.3 41.6 77.2



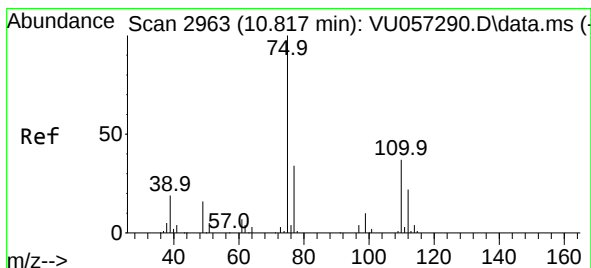
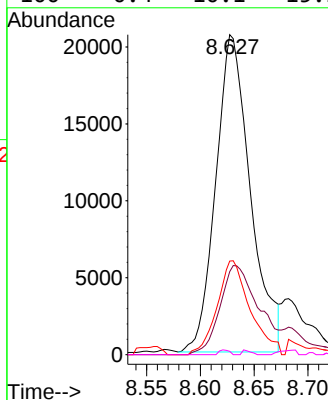
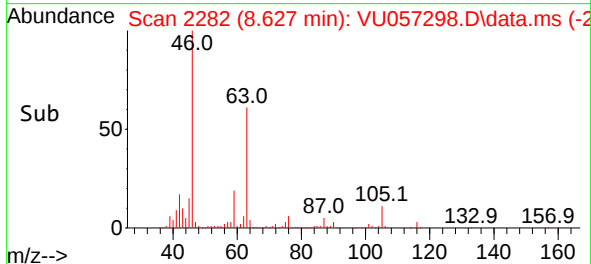


#48
2-Hexanone
Concen: 6.182 ug/L
RT: 8.627 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29

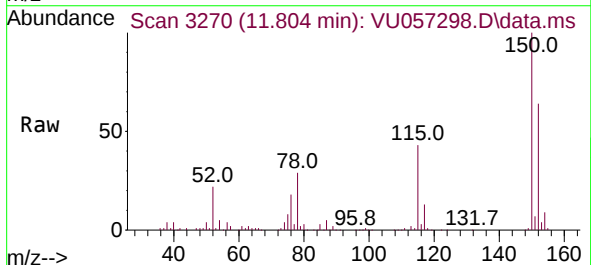
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 46169
Ion Ratio Lower Upper
43 100
58 31.9 48.4 72.6#
57 28.2 17.4 26.2#
100 0.4 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29



Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
110 2.8 29.0 43.6#
77 36.8 25.4 38.2

