

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057246.D
 Acq On : 26 Dec 2023 19:59
 Operator : MD/SY
 Sample : 05976-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

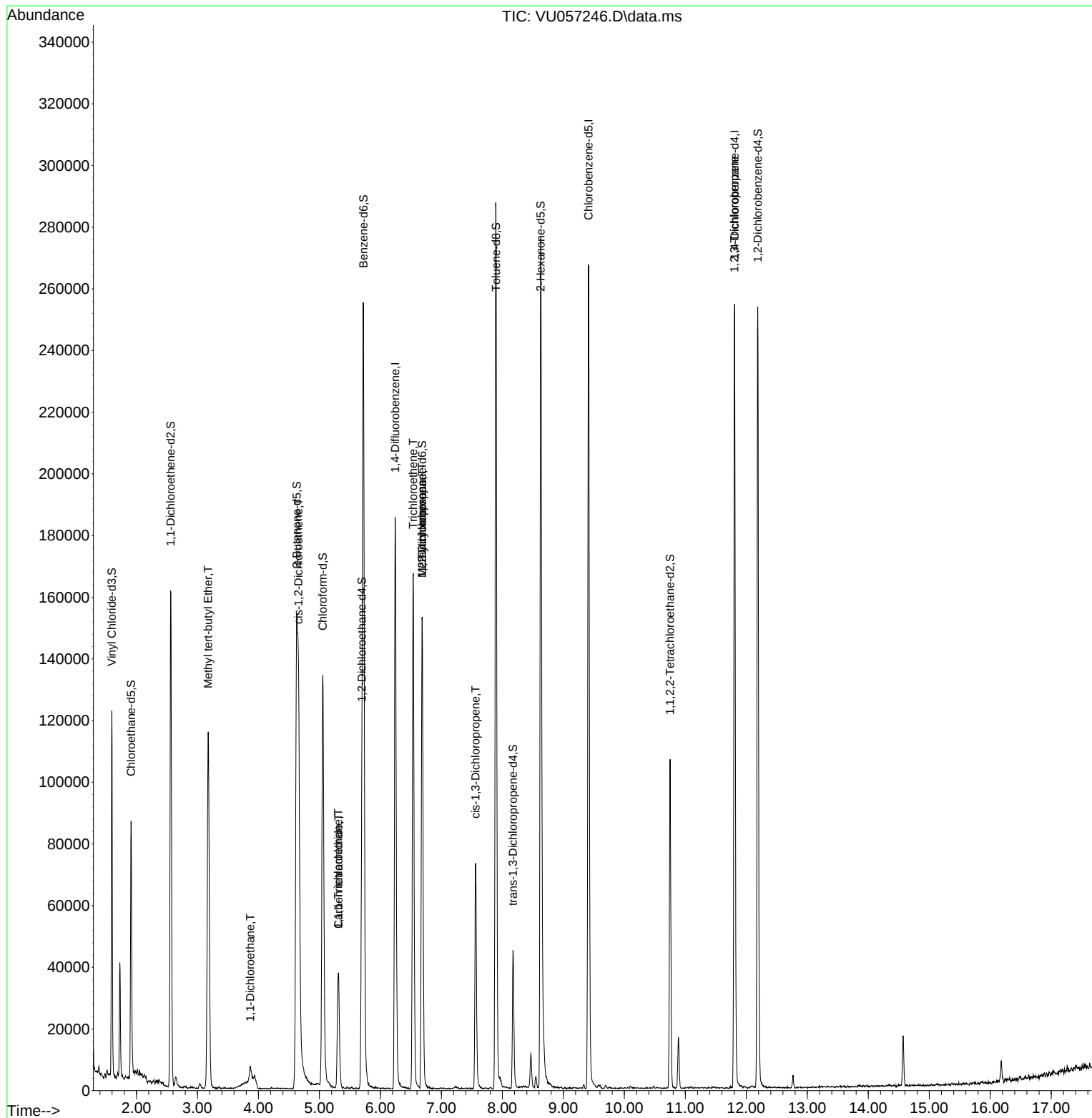
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145329	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81106	5.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.800%
7) Chloroethane-d5	1.911	69	62801	5.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.560	65	31577	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.628	46	125563	57.573	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.140%
24) Chloroform-d	5.055	84	128177	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	60795	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	241457	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	74495	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	197534	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	26585	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	91178	42.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53062	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67590	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.174	73	4013	0.174	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	5346	0.254	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	42615	3.652	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	28555	1.159	ug/L	99
31) Carbon tetrachloride	5.313	117	3597	0.166	ug/L	95
34) Trichloroethene	6.538	95	59215	4.122	ug/L	97
35) Methylcyclohexane	6.685	83	17110	0.905	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8065	0.660	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2060	0.112	ug/L #	65
61) 1,2,3-Trichloropropane	11.804	75	7876	1.261	ug/L #	64

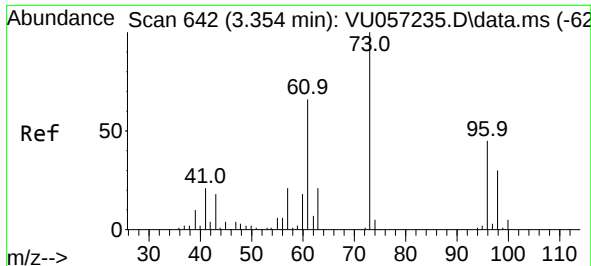
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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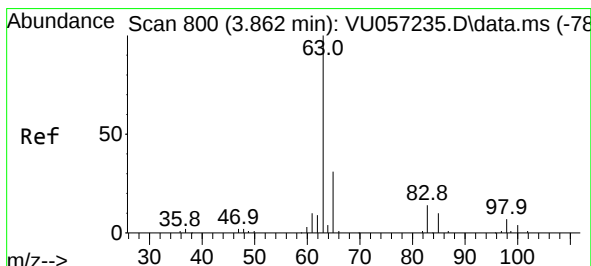
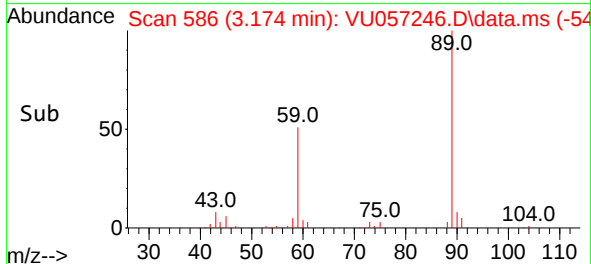
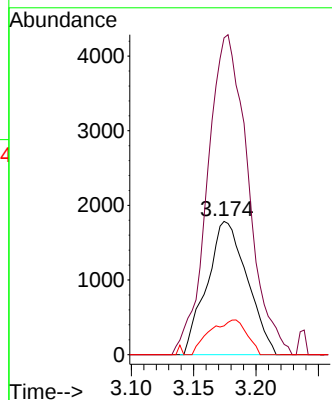
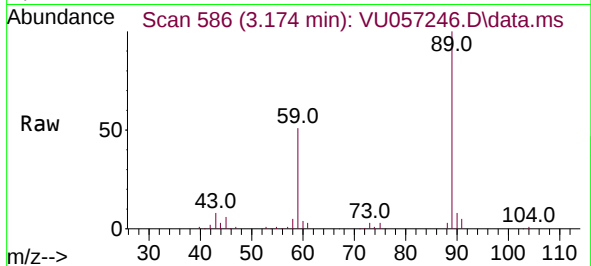




#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.174 min Scan# 51
Delta R.T. -0.180 min
Lab File: VU057246.D
Acq: 26 Dec 2023 19:59

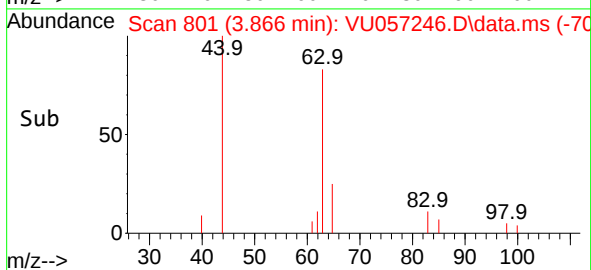
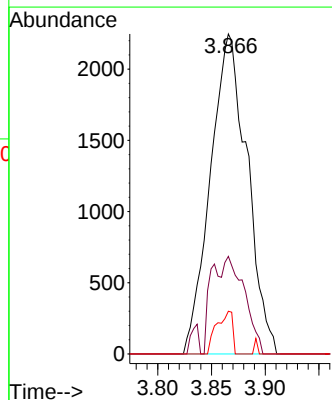
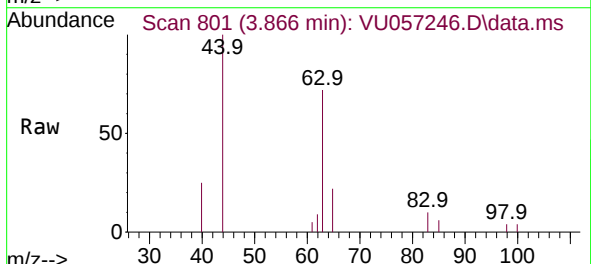
Instrument :
MSVOA_U
ClientSampleId :

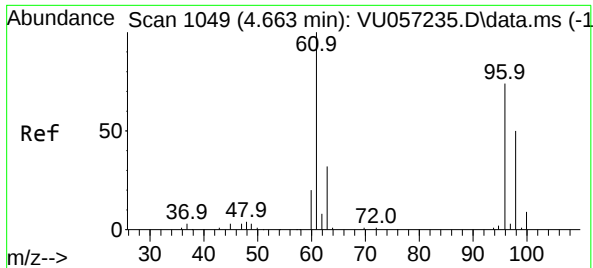
Tgt Ion: 73 Resp: 4013
Ion Ratio Lower Upper
73 100
43 241.3 15.4 23.0#
57 24.0 16.2 24.2



#19
1,1-Dichloroethane
Concen: 0.254 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057246.D
Acq: 26 Dec 2023 19:59

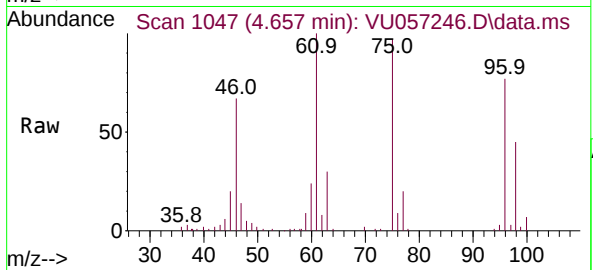
Tgt Ion: 63 Resp: 5346
Ion Ratio Lower Upper
63 100
65 30.5 21.6 40.2
83 13.4 10.2 19.0



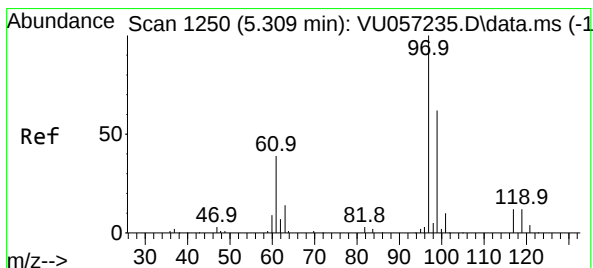
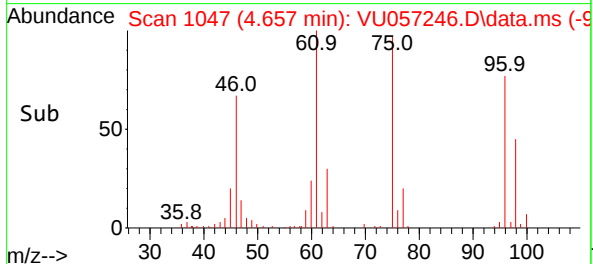
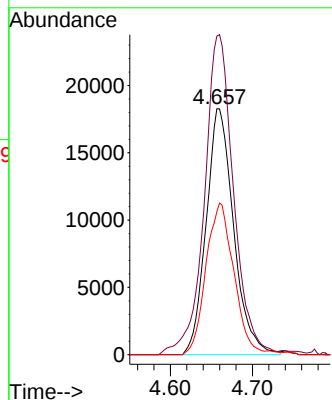


#22
 cis-1,2-Dichloroethene
 Concen: 3.652 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: VU057246.D
 Acq: 26 Dec 2023 19:59

Instrument :
 MSVOA_U
 ClientSampleId :

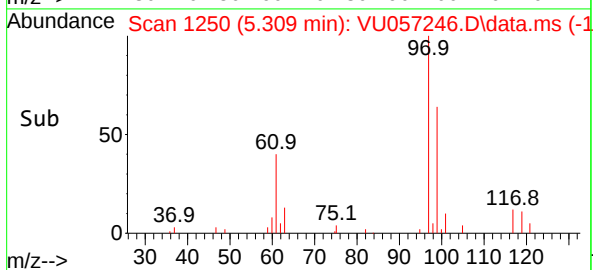
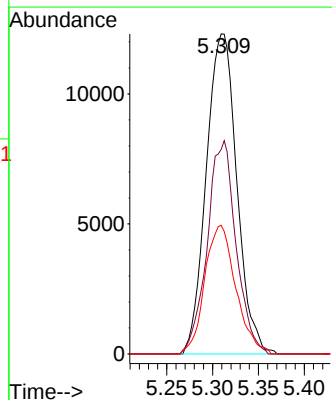
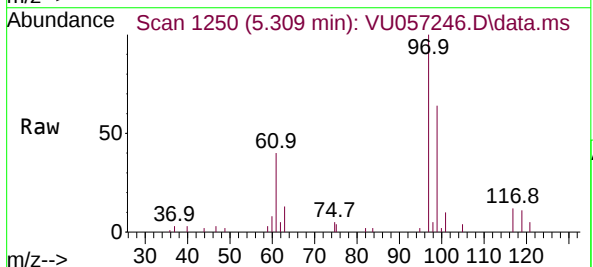


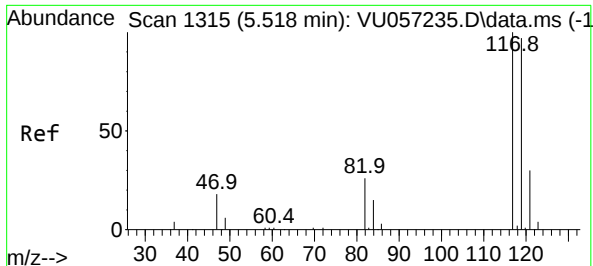
Tgt Ion: 96 Resp: 42615
 Ion Ratio Lower Upper
 96 100
 61 129.5 86.8 161.2
 98 58.1 45.5 84.5



#29
 1,1,1-Trichloroethane
 Concen: 1.159 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU057246.D
 Acq: 26 Dec 2023 19:59

Tgt Ion: 97 Resp: 28555
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.2 76.8
 61 40.8 32.5 48.7

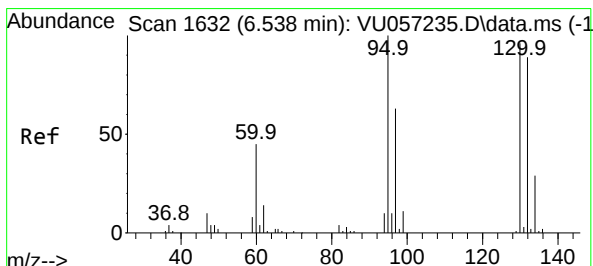
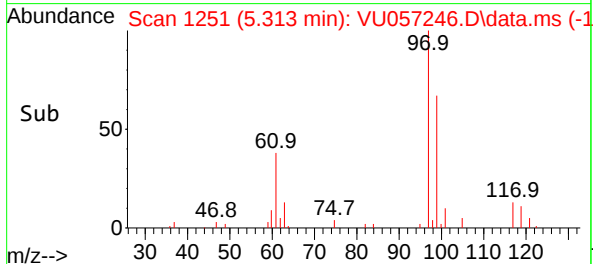
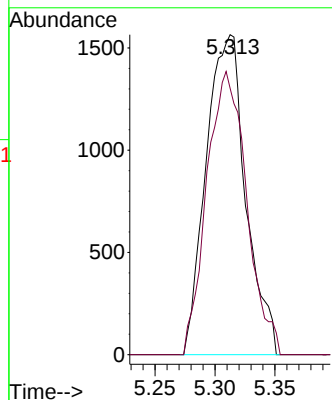
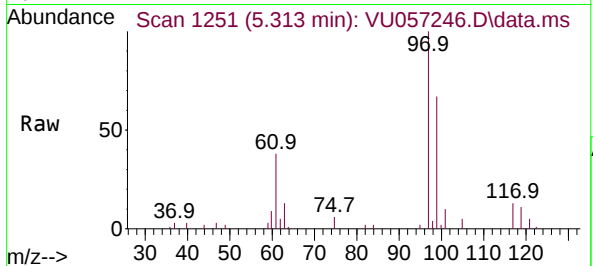




#31
Carbon tetrachloride
Concen: 0.166 ug/L
RT: 5.313 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU057246.D
Acq: 26 Dec 2023 19:59

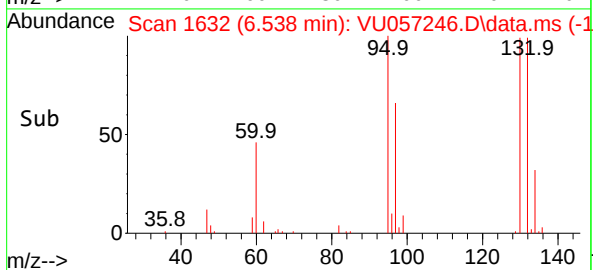
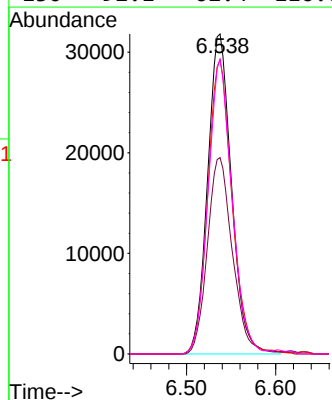
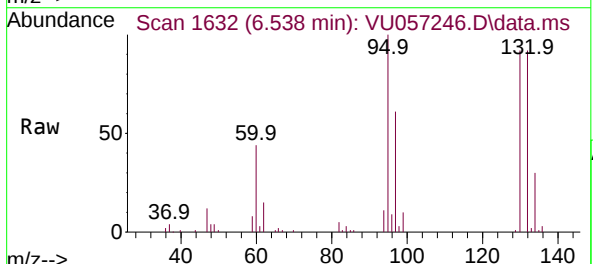
Instrument :
MSVOA_U
ClientSampleId :

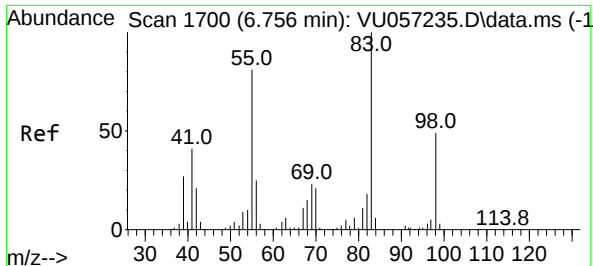
Tgt Ion:117 Resp: 3597
Ion Ratio Lower Upper
117 100
119 89.0 75.1 112.7



#34
Trichloroethene
Concen: 4.122 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057246.D
Acq: 26 Dec 2023 19:59

Tgt Ion: 95 Resp: 59215
Ion Ratio Lower Upper
95 100
97 61.3 44.3 82.3
132 91.9 62.6 116.2
130 92.1 62.4 116.0





#35

Methylcyclohexane

Concen: 0.905 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057246.D

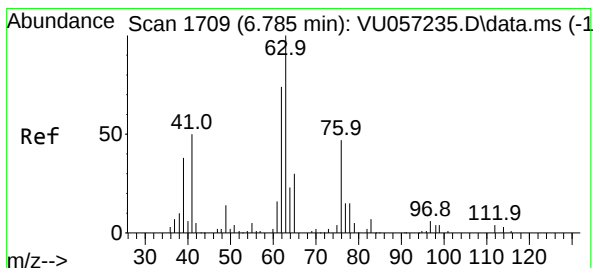
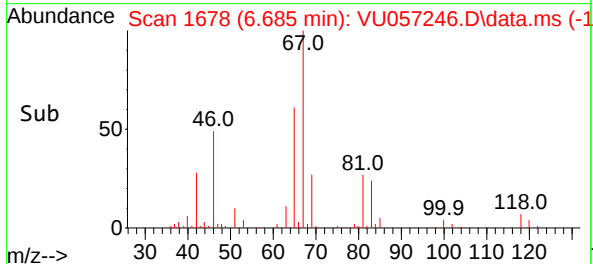
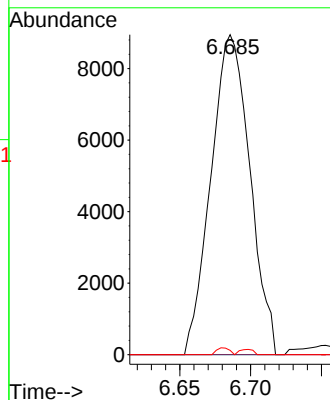
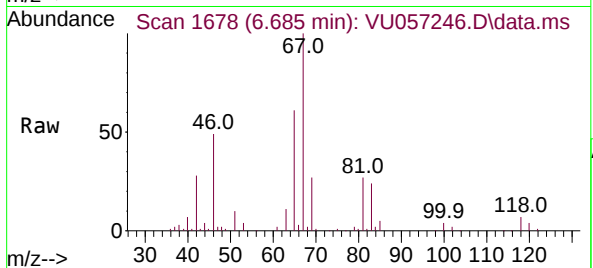
Acq: 26 Dec 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	17110
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.3	91.9#
98	0.7	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.660 ug/L

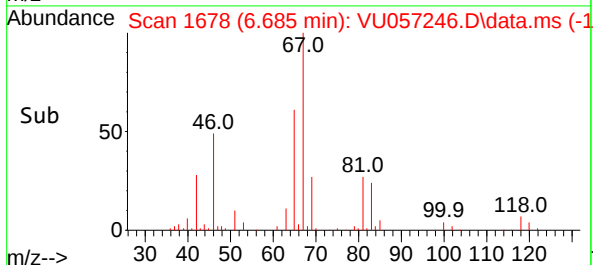
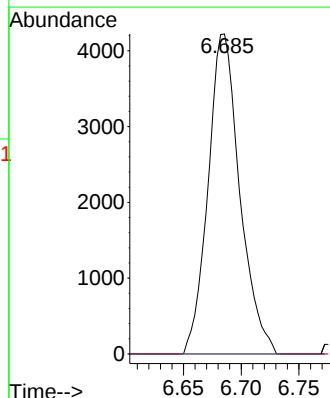
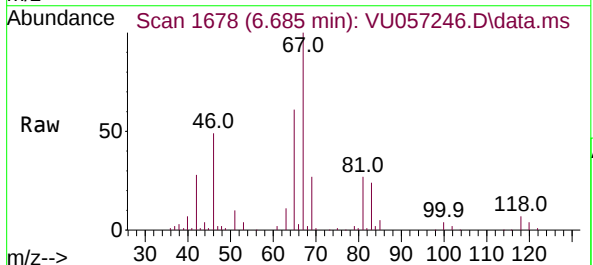
RT: 6.685 min Scan# 1678

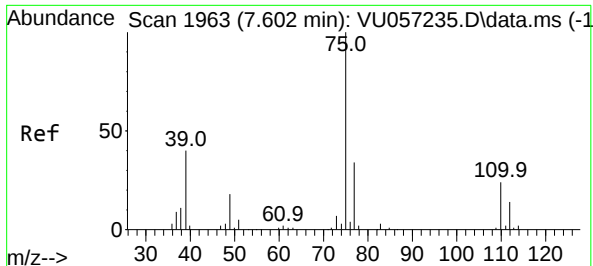
Delta R.T. -0.100 min

Lab File: VU057246.D

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Tgt Ion:	63	Resp:	8065
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#

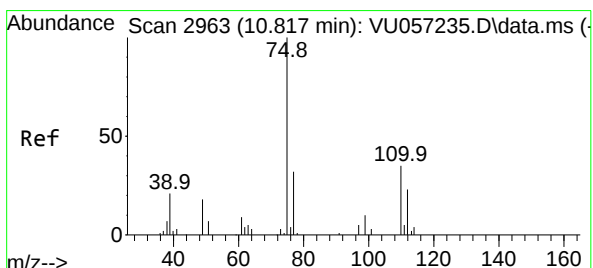
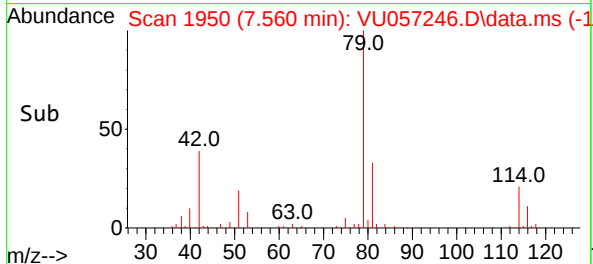
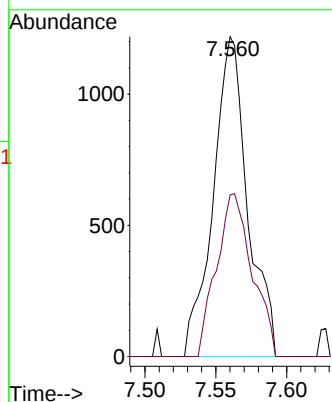
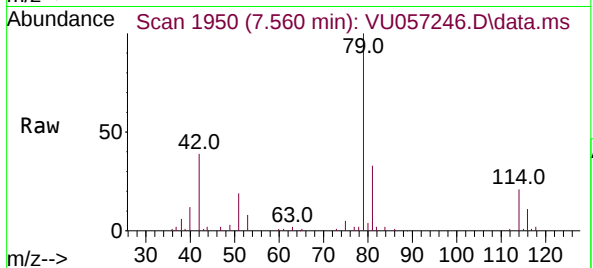




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.560 min Scan# 1963
 Delta R.T. -0.042 min
 Lab File: VU057246.D
 Acq: 26 Dec 2023 19:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 2060
 Ion Ratio Lower Upper
 75 100
 77 50.5 21.8 40.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.261 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.987 min
 Lab File: VU057246.D
 Acq: 26 Dec 2023 19:59

Tgt Ion: 75 Resp: 7876
 Ion Ratio Lower Upper
 75 100
 110 4.0 31.2 46.8#
 77 37.4 25.5 38.3

