

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057324.D
 Acq On : 28 Dec 2023 10:23
 Operator : MD/SY
 Sample : 06021-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:48:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

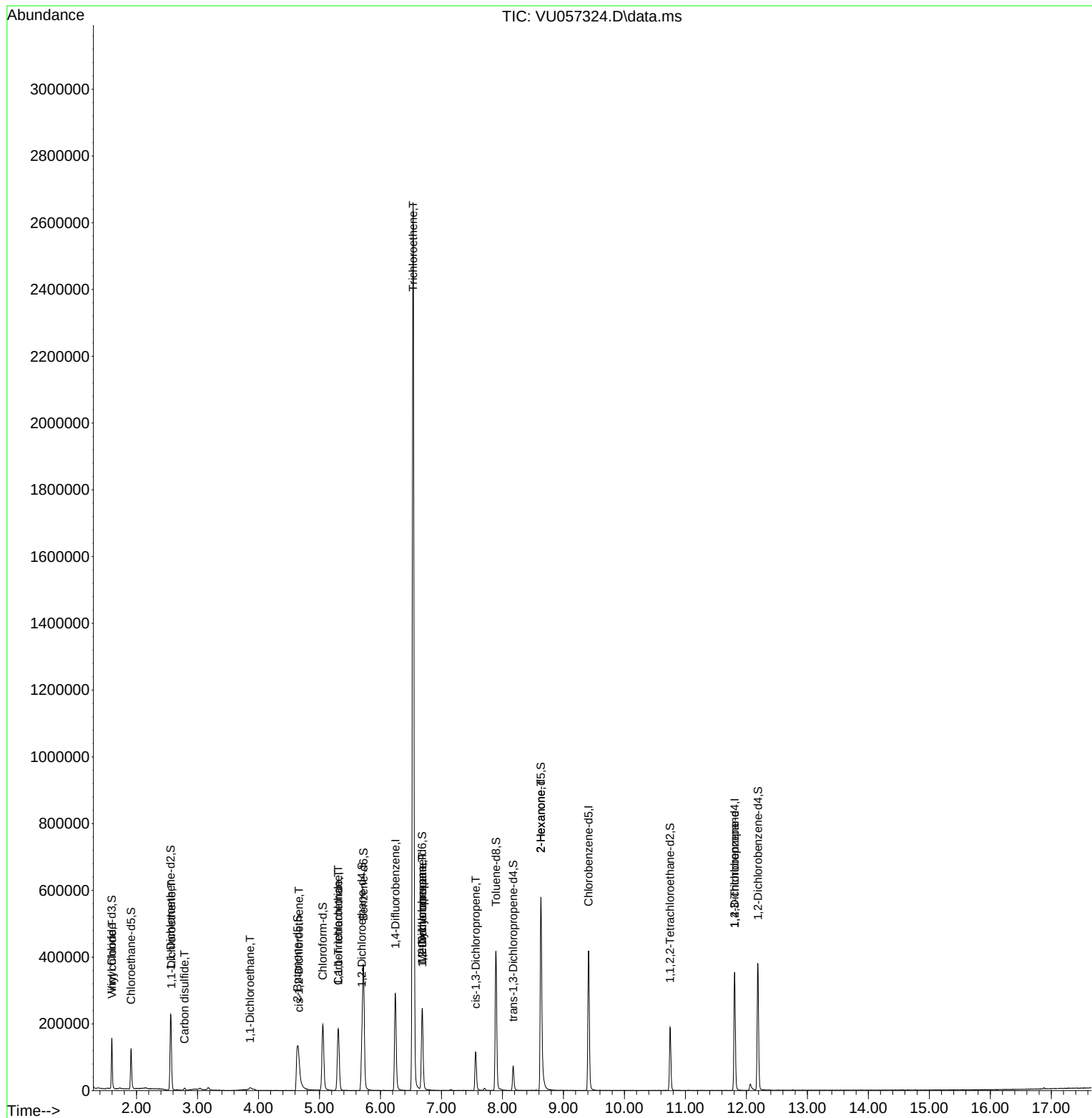
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106061	5.264	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.911	69	91865	5.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.560	65	43875	5.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.637	46	257037	56.330	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	5.055	84	189567	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.695	65	103097	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.721	84	351796	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	119727	5.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.894	98	286355	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.177	79	41846	4.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.630	63	195251	49.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	94653	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	97276	5.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2235	0.114	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	4574	0.299	ug/L #	1
14) Carbon disulfide	2.788	76	9257	0.212	ug/L	100
19) 1,1-Dichloroethane	3.862	63	6660	0.209	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	16519	0.940	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	138120	4.524	ug/L	99
31) Carbon tetrachloride	5.309	117	16567	0.647	ug/L	95
34) Trichloroethene	6.534	95	958161	51.780	ug/L	97
35) Methylcyclohexane	6.685	83	28691	1.187	ug/L #	19
37) 1,2-Dichloropropane	6.688	63	12744	0.660	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	2933	0.111	ug/L #	66
48) 2-Hexanone	8.630	43	26647	3.671	ug/L #	77
61) 1,2,3-Trichloropropane	11.807	75	11554	1.183	ug/L #	66

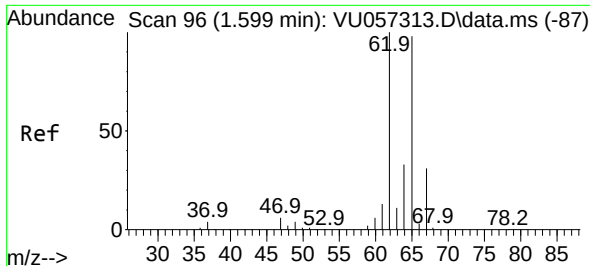
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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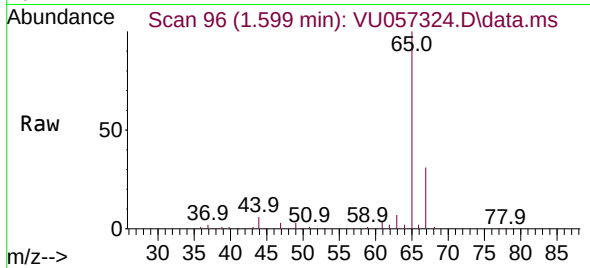
Quant Time: Dec 28 20:48:14 2023
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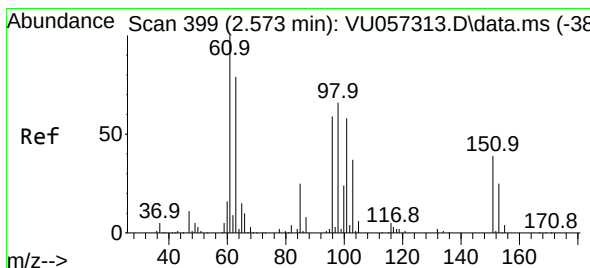
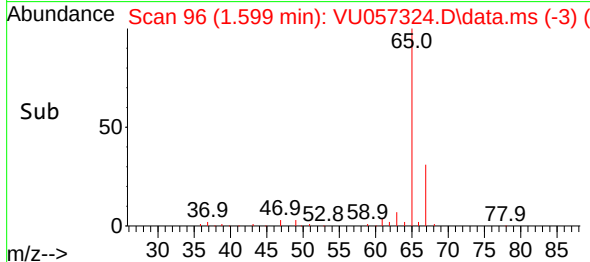
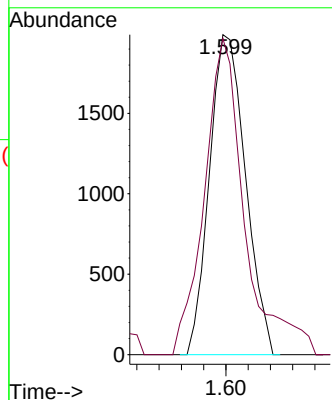


#5
 Vinyl chloride
 Concen: 0.114 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU057324.D
 Acq: 28 Dec 2023 10:23

Instrument :
 MSVOA_U
 ClientSampleId :

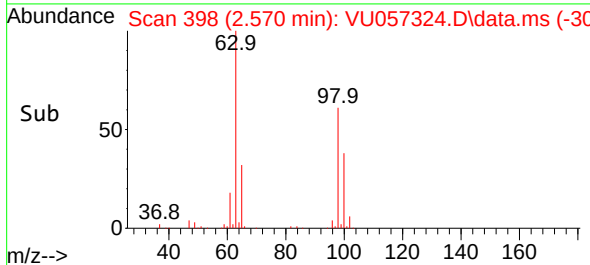
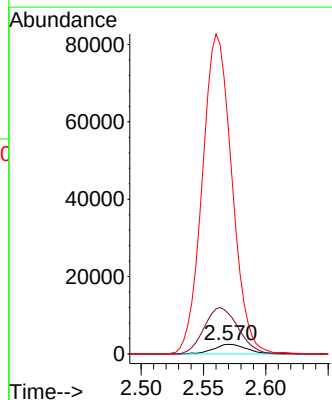
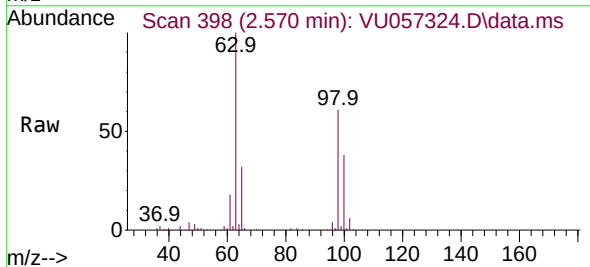


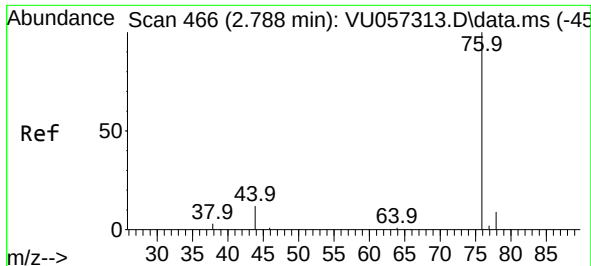
Tgt Ion: 62 Resp: 2235
 Ion Ratio Lower Upper
 62 100
 64 98.8 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.299 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU057324.D
 Acq: 28 Dec 2023 10:23

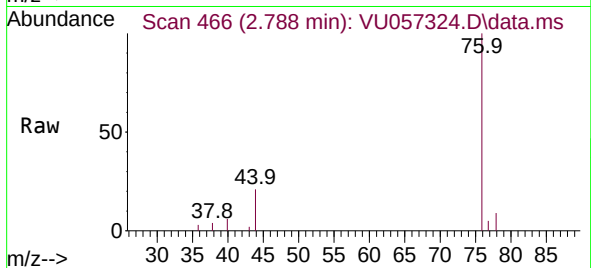
Tgt Ion: 96 Resp: 4574
 Ion Ratio Lower Upper
 96 100
 61 425.8 122.2 226.9#
 63 2399.7 99.2 184.2#



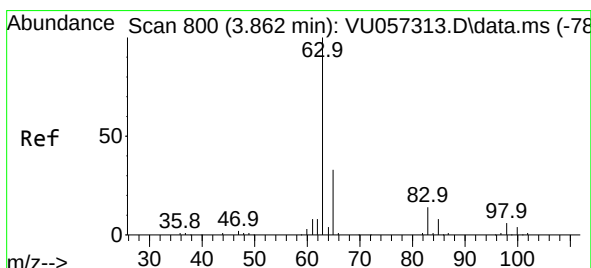
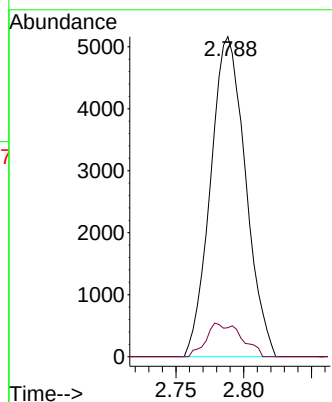
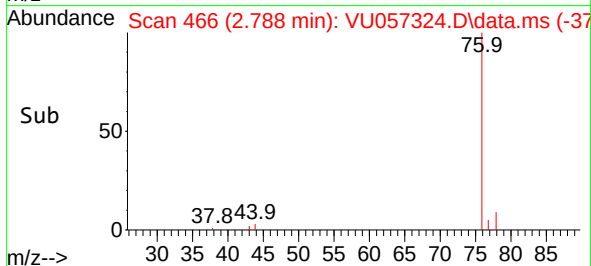


#14
Carbon disulfide
Concen: 0.212 ug/L
RT: 2.788 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23

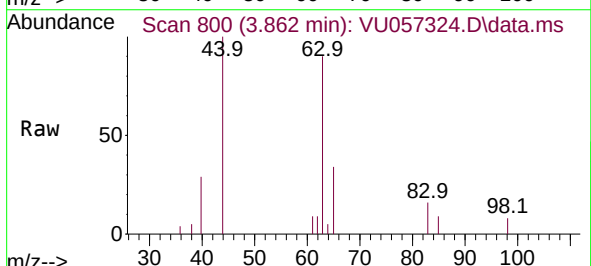
Instrument :
MSVOA_U
ClientSampleId :



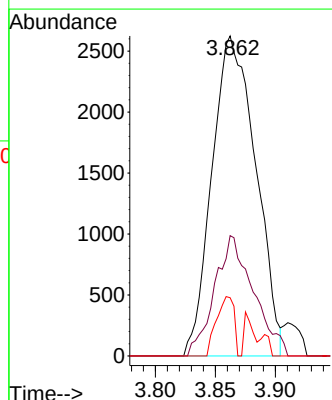
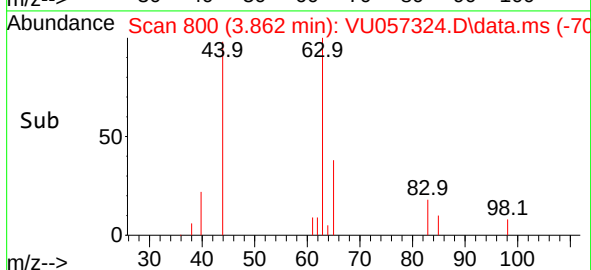
Tgt Ion: 76 Resp: 9257
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

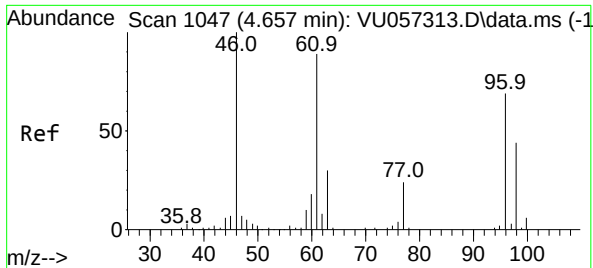


#19
1,1-Dichloroethane
Concen: 0.209 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23



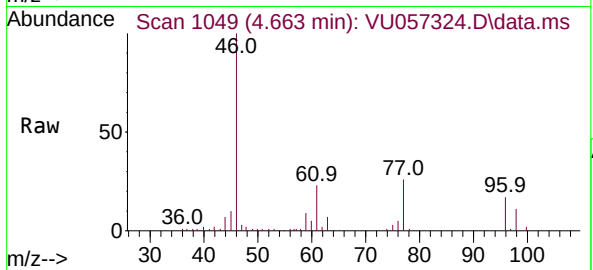
Tgt Ion: 63 Resp: 6660
Ion Ratio Lower Upper
63 100
65 37.6 23.6 43.8
83 18.2 9.8 18.2



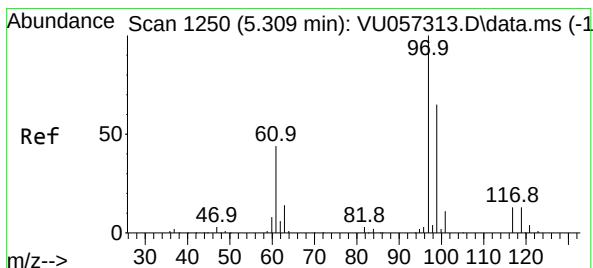
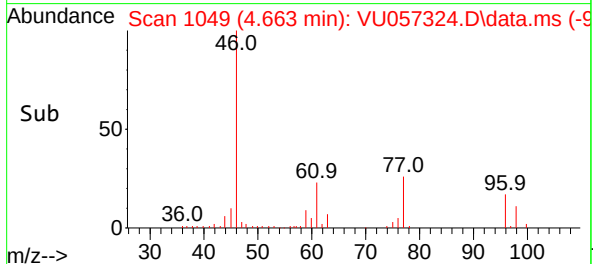
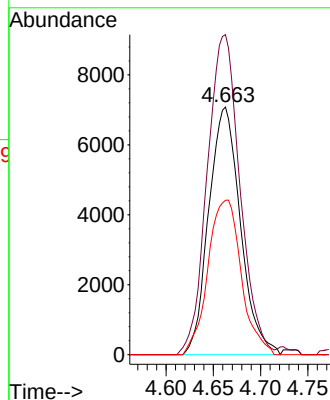


#22
 cis-1,2-Dichloroethene
 Concen: 0.940 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU057324.D
 Acq: 28 Dec 2023 10:23

Instrument :
 MSVOA_U
 ClientSampleId :

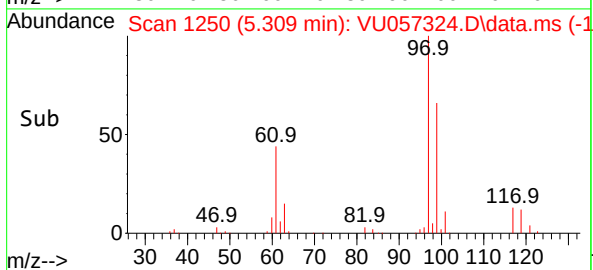
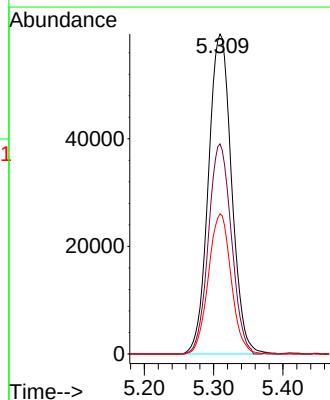
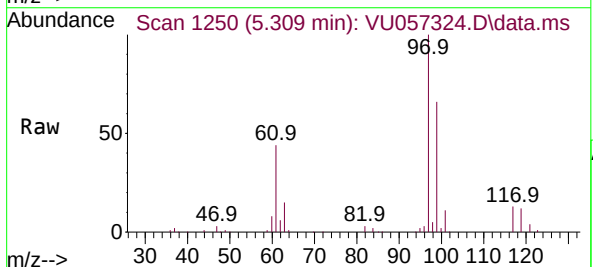


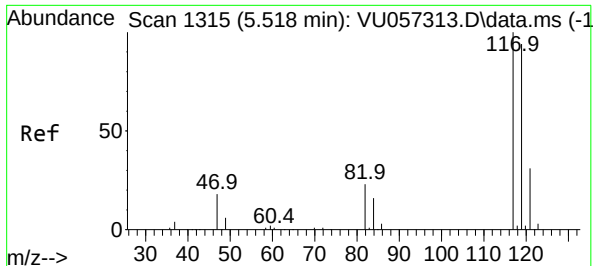
Tgt Ion: 96 Resp: 16519
 Ion Ratio Lower Upper
 96 100
 61 129.2 91.1 169.3
 98 62.3 42.6 79.0



#29
 1,1,1-Trichloroethane
 Concen: 4.524 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU057324.D
 Acq: 28 Dec 2023 10:23

Tgt Ion: 97 Resp: 138120
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 43.0 34.1 51.1

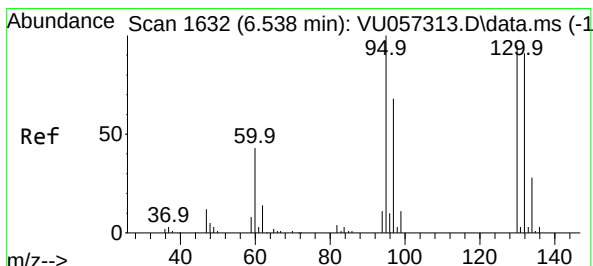
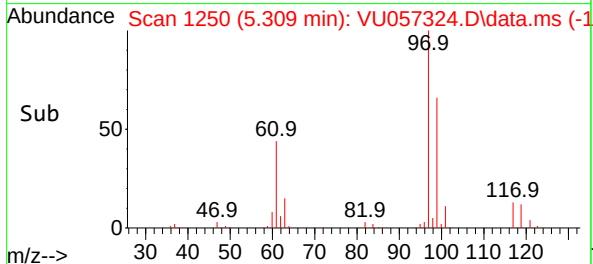
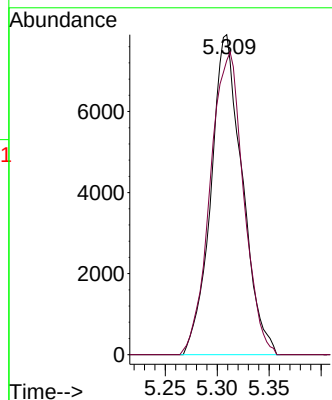
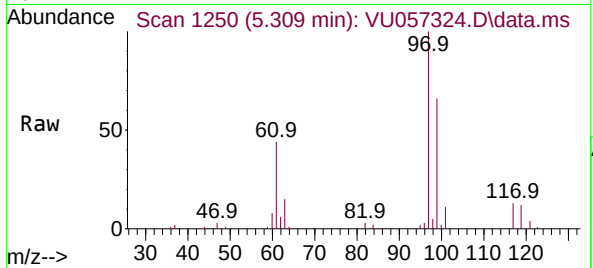




#31
Carbon tetrachloride
Concen: 0.647 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23

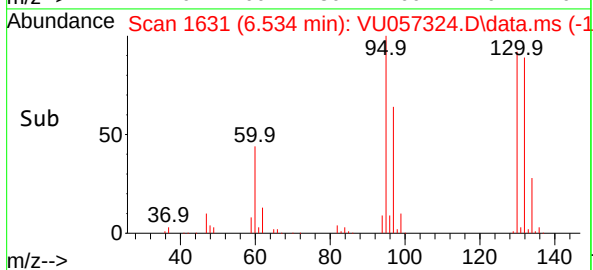
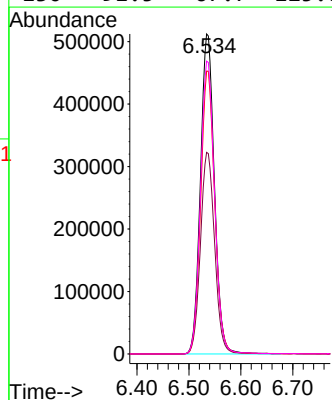
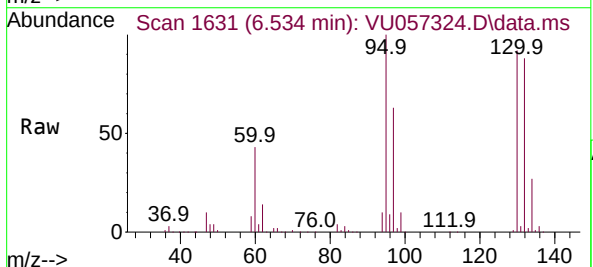
Instrument :
MSVOA_U
ClientSampleId :

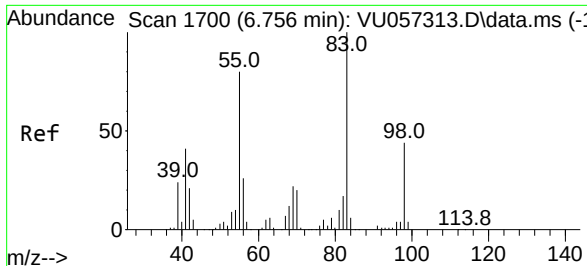
Tgt Ion:117 Resp: 16567
Ion Ratio Lower Upper
117 100
119 100.6 76.7 115.1



#34
Trichloroethene
Concen: 51.780 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23

Tgt Ion: 95 Resp: 958161
Ion Ratio Lower Upper
95 100
97 63.0 45.3 84.1
132 88.4 63.1 117.3
130 91.5 67.7 125.7

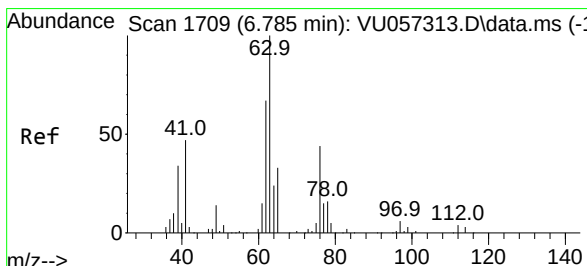
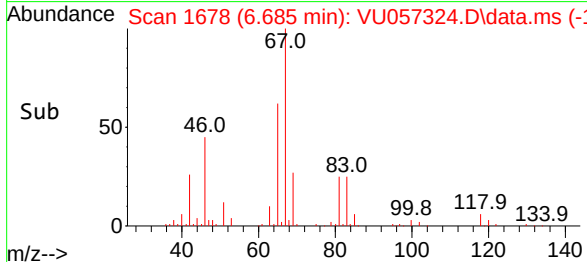
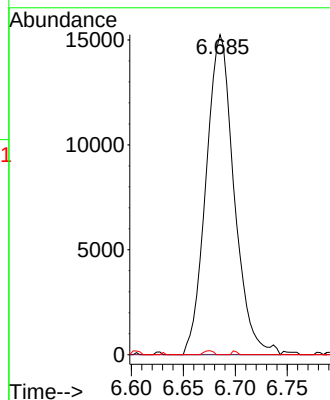
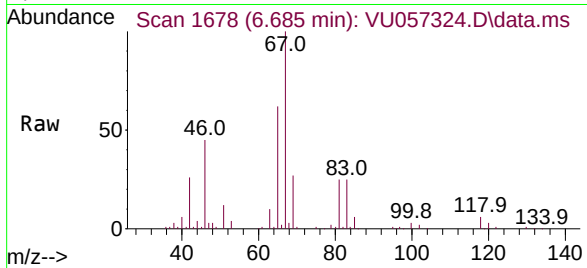




#35
Methylcyclohexane
Concen: 1.187 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23

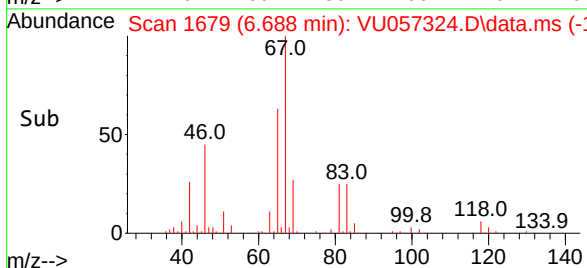
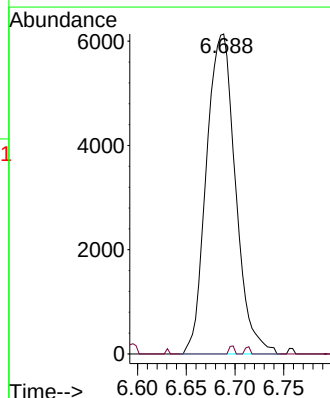
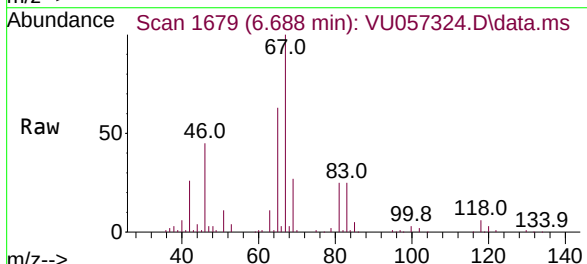
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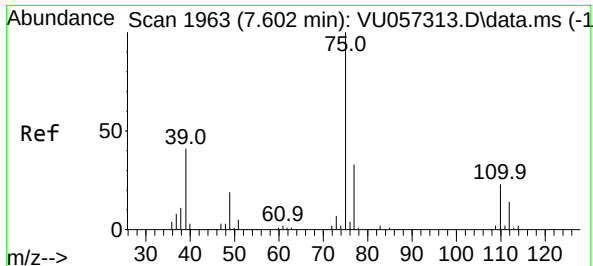
Tgt Ion: 83 Resp: 28691
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 3.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.097 min
Lab File: VU057324.D
Acq: 28 Dec 2023 10:23

Tgt Ion: 63 Resp: 12744
Ion Ratio Lower Upper
63 100
112 0.4 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.039 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Instrument :

MSVOA_U

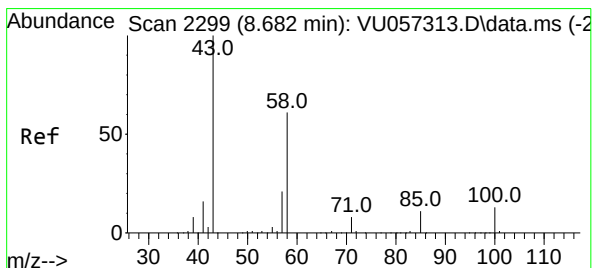
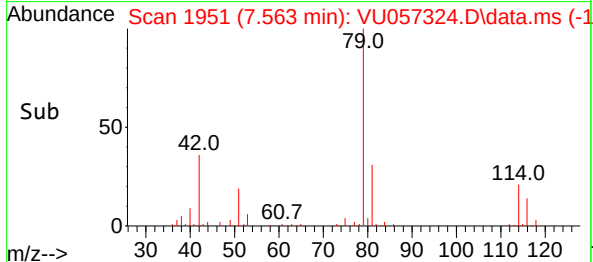
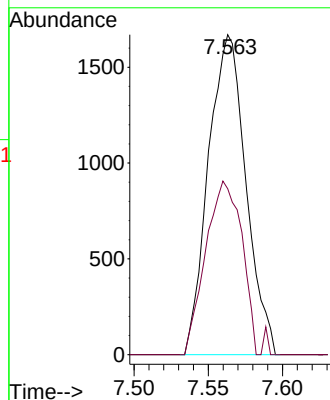
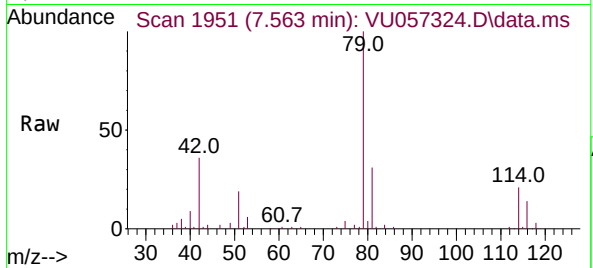
ClientSampleId :

Tgt Ion: 75 Resp: 2933

Ion Ratio Lower Upper

75 100

77 51.9 23.0 42.8#



#48

2-Hexanone

Concen: 3.671 ug/L

RT: 8.630 min Scan# 2283

Delta R.T. -0.052 min

Lab File: VU057324.D

Acq: 28 Dec 2023 10:23

Tgt Ion: 43 Resp: 26647

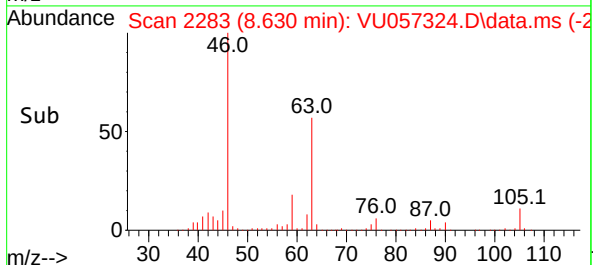
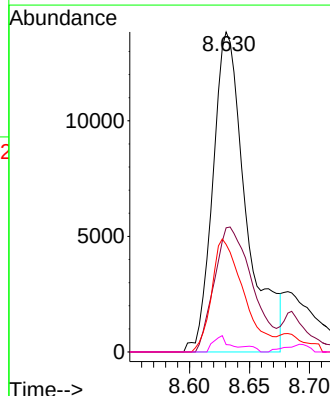
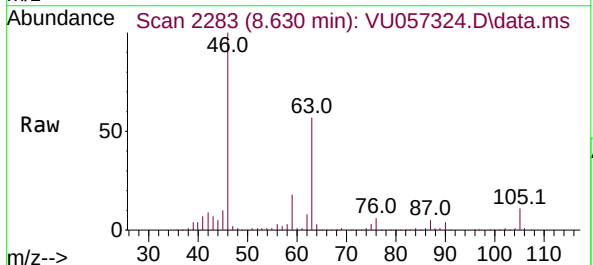
Ion Ratio Lower Upper

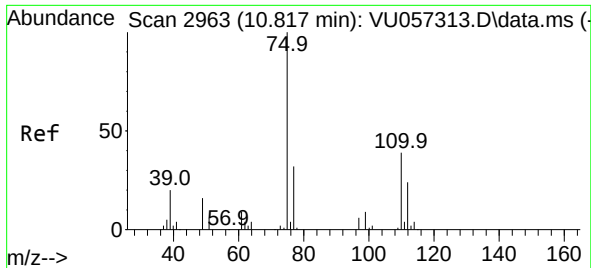
43 100

58 44.7 48.4 72.6#

57 34.4 17.4 26.2#

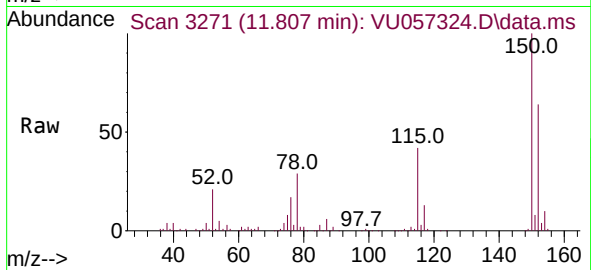
100 2.3 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.183 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057324.D
 Acq: 28 Dec 2023 10:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11554
 Ion Ratio Lower Upper
 75 100
 110 1.7 29.0 43.6#
 77 35.0 25.4 38.2

