

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057191.D
 Acq On : 22 Dec 2023 15:44
 Operator : MD/SY
 Sample : 05927-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:48:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

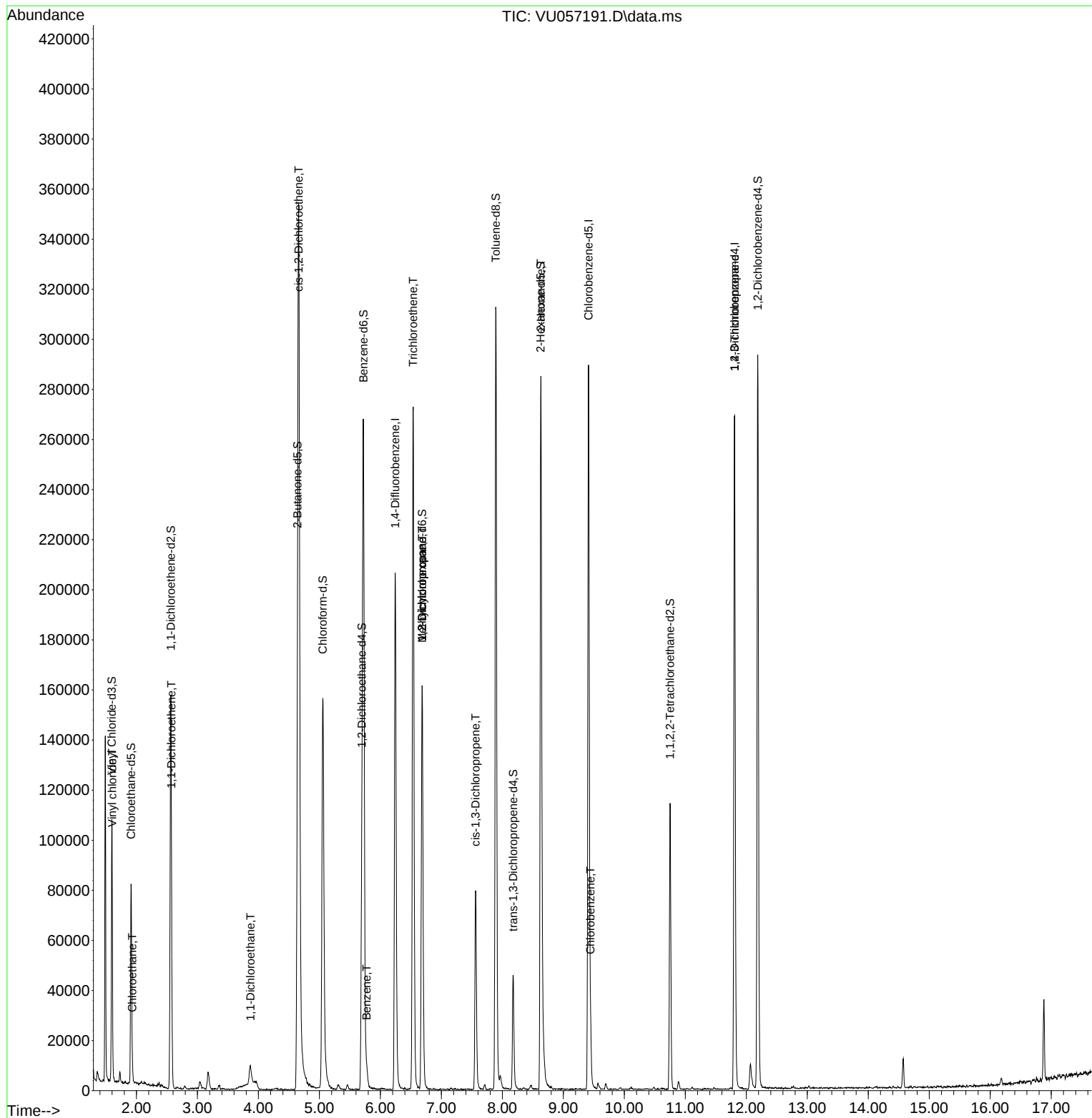
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67601	4.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.911	69	59439	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	29544	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.641	46	113998	45.887	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	5.055	84	143055	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	70398	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	258149	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	75761	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	218509	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	28656	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.628	63	99569	43.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53436	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	76911	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	7391	0.511	ug/L #	81
8) Chloroethane	1.933	64	1591	0.173	ug/L	89
12) 1,1-Dichloroethene	2.573	96	2178	0.176	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	9573	0.400	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	171319	12.889	ug/L	99
33) Benzene	5.776	78	7449	0.142	ug/L	100
34) Trichloroethene	6.534	95	96613	6.316	ug/L	97
35) Methylcyclohexane	6.686	83	19516	0.969	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9139	0.702	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	2253	0.115	ug/L #	24
48) 2-Hexanone	8.631	43	13894	3.339	ug/L #	78
51) Chlorobenzene	9.444	112	11850	0.328	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	9035	1.369	ug/L #	64

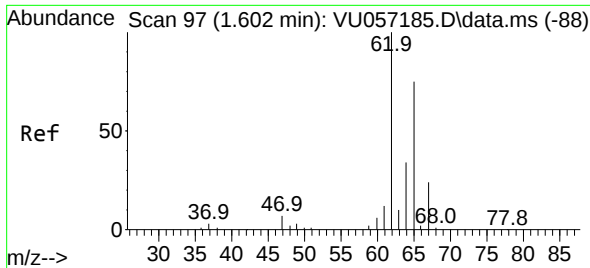
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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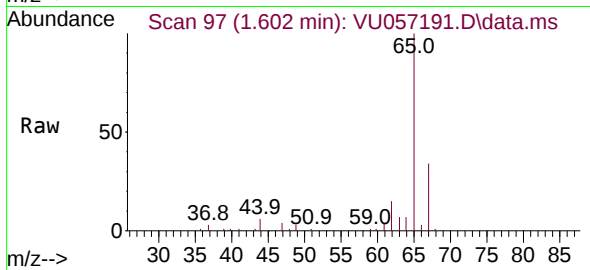
Quant Time: Dec 22 22:48:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
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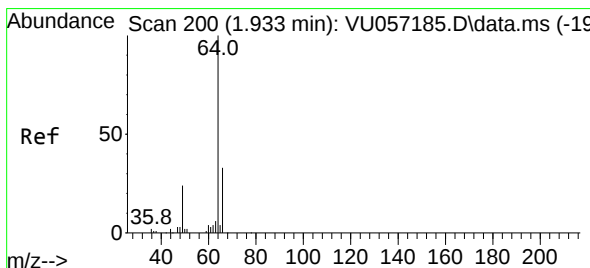
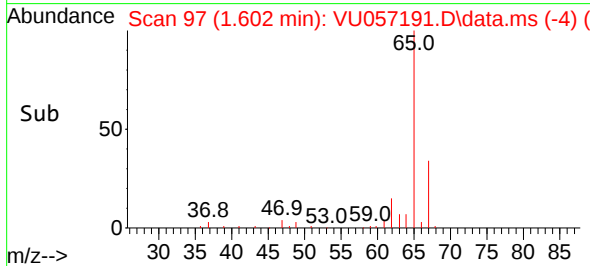
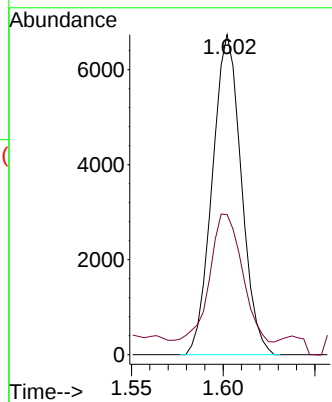


#5
 Vinyl chloride
 Concen: 0.511 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057191.D
 Acq: 22 Dec 2023 15:44

Instrument :
 MSVOA_U
 ClientSampleId :

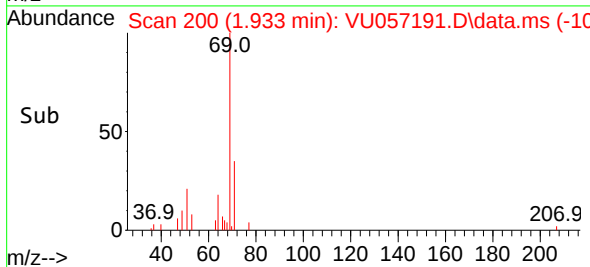
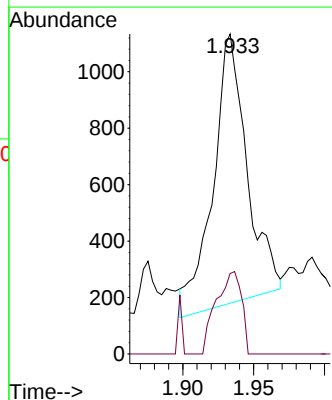
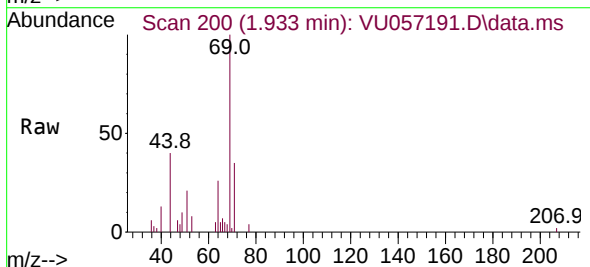


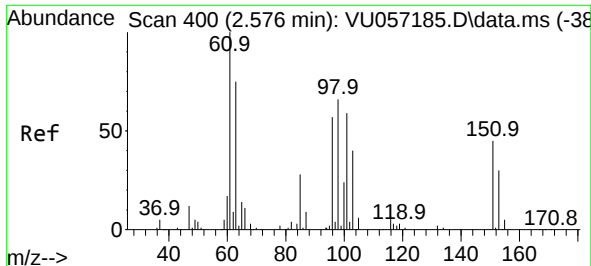
Tgt Ion: 62 Resp: 7391
 Ion Ratio Lower Upper
 62 100
 64 43.8 23.3 43.3#



#8
 Chloroethane
 Concen: 0.173 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VU057191.D
 Acq: 22 Dec 2023 15:44

Tgt Ion: 64 Resp: 1591
 Ion Ratio Lower Upper
 64 100
 66 25.1 21.6 40.2





#12

1,1-Dichloroethene

Concen: 0.176 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

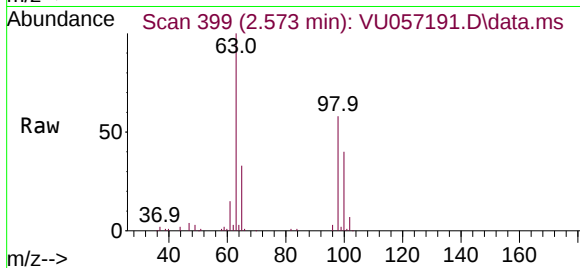
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Acq: 22 Dec 2023 15:44

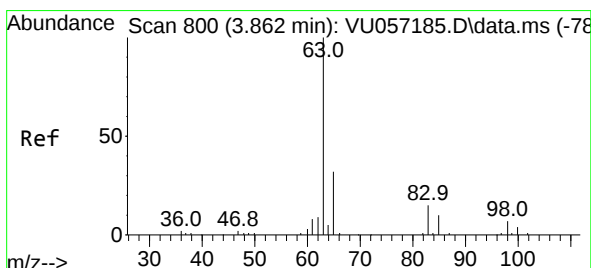
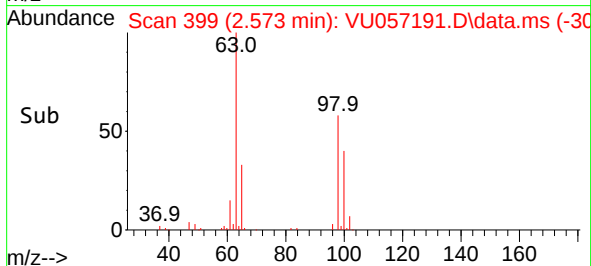
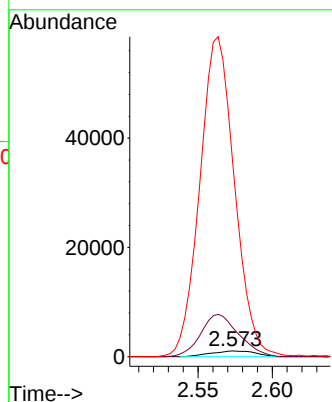
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2178
Ion	Ratio	Lower	Upper
96	100		
61	508.0	119.6	222.0#
63	3405.5	96.2	178.8#



#19

1,1-Dichloroethane

Concen: 0.400 ug/L

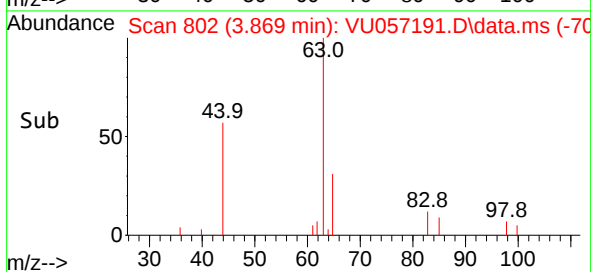
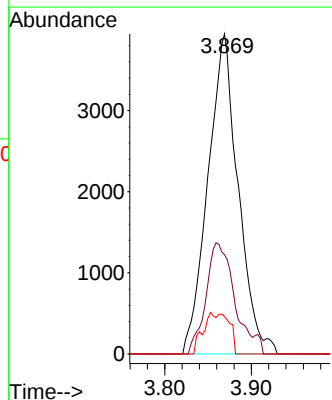
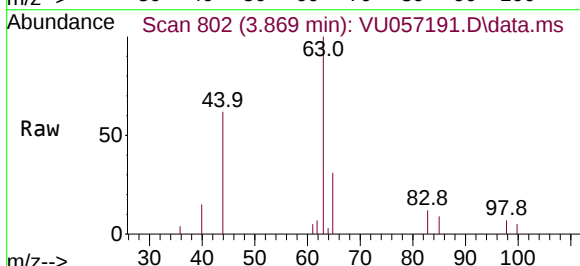
RT: 3.869 min Scan# 802

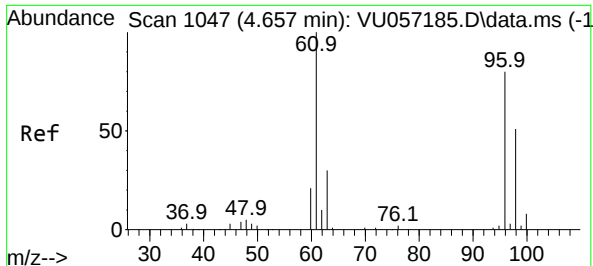
Delta R.T. 0.006 min

Lab File: VU057191.D

Acq: 22 Dec 2023 15:44

Tgt Ion:	63	Resp:	9573
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.6	40.2
83	11.7	10.2	19.0





#22

cis-1,2-Dichloroethene

Concen: 12.889 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057191.D

Acq: 22 Dec 2023 15:44

Instrument :

MSVOA_U

ClientSampleId :

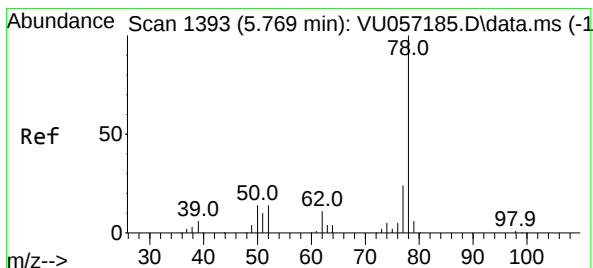
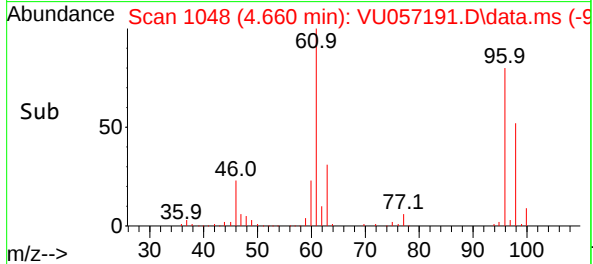
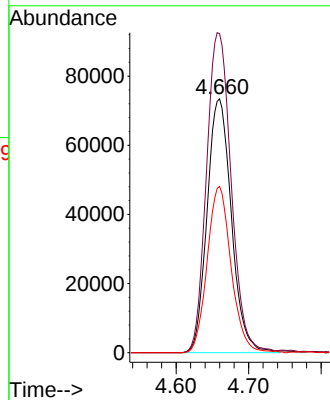
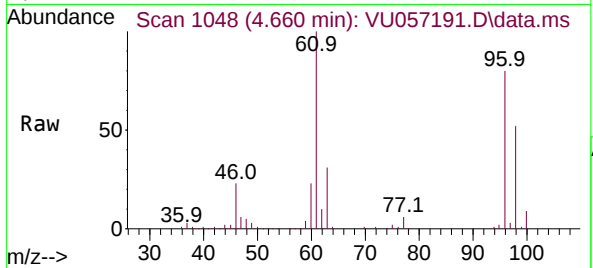
Tgt Ion: 96 Resp: 171319

Ion Ratio Lower Upper

96 100

61 125.7 86.8 161.2

98 65.5 45.5 84.5



#33

Benzene

Concen: 0.142 ug/L

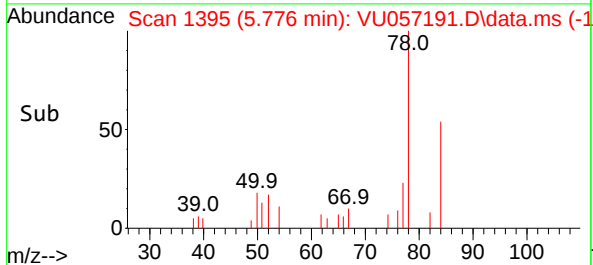
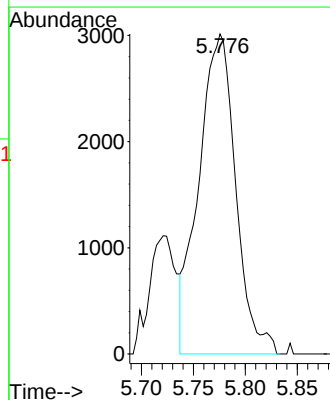
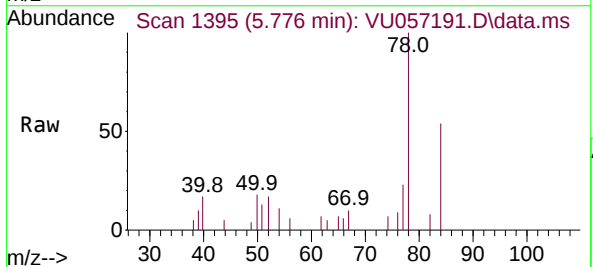
RT: 5.776 min Scan# 1395

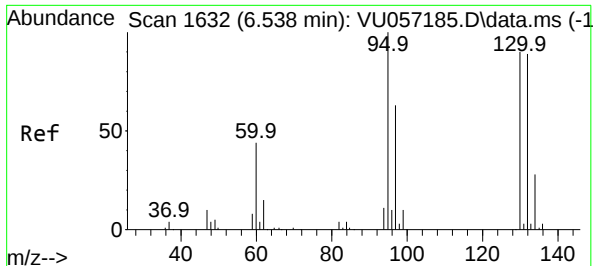
Delta R.T. 0.006 min

Lab File: VU057191.D

Acq: 22 Dec 2023 15:44

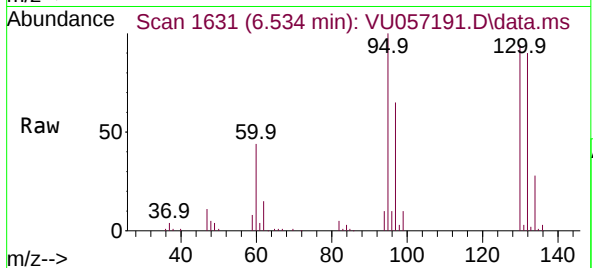
Tgt Ion: 78 Resp: 7449



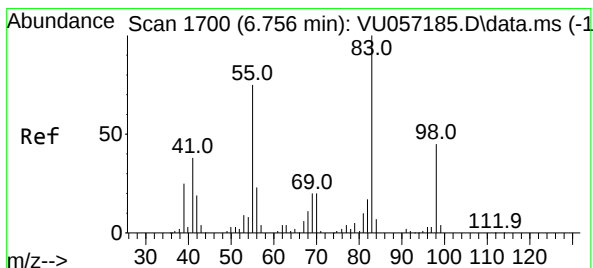
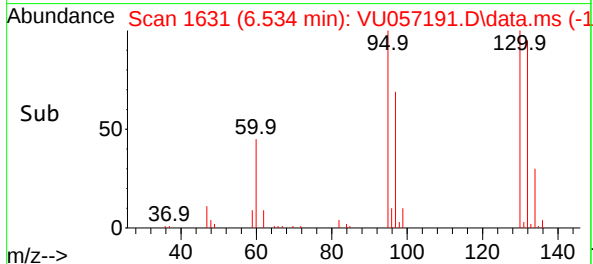
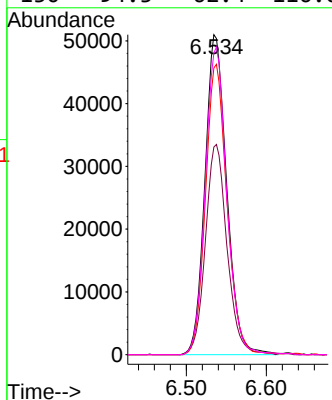


#34
Trichloroethene
Concen: 6.316 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

Instrument :
MSVOA_U
ClientSampleId :

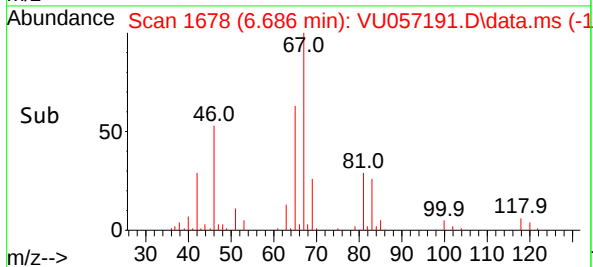
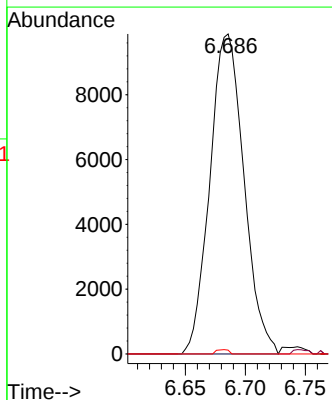
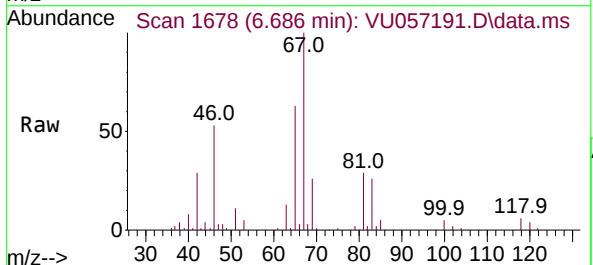


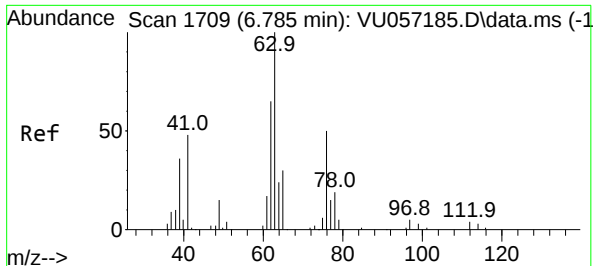
Tgt Ion: 95 Resp: 96613
Ion Ratio Lower Upper
95 100
97 64.9 44.3 82.3
132 89.6 62.6 116.2
130 94.3 62.4 116.0



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

Tgt Ion: 83 Resp: 19516
Ion Ratio Lower Upper
83 100
55 0.6 61.3 91.9#
98 0.5 36.6 55.0#

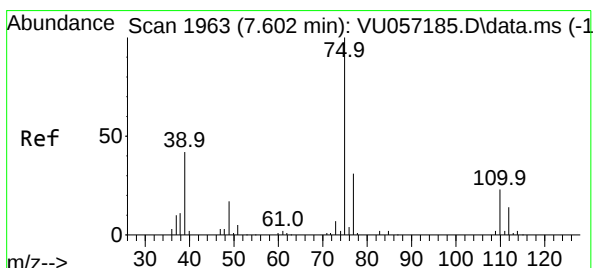
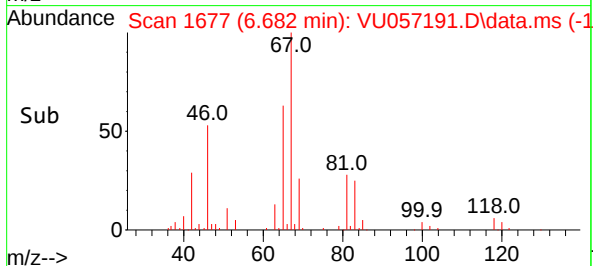
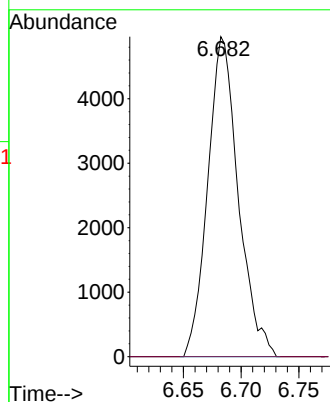
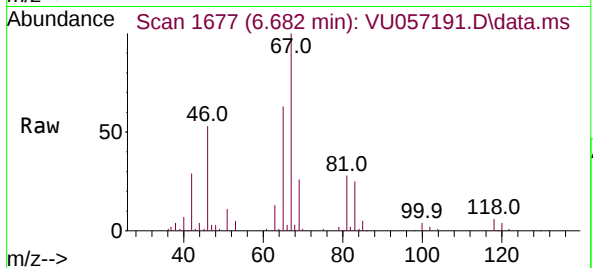




#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

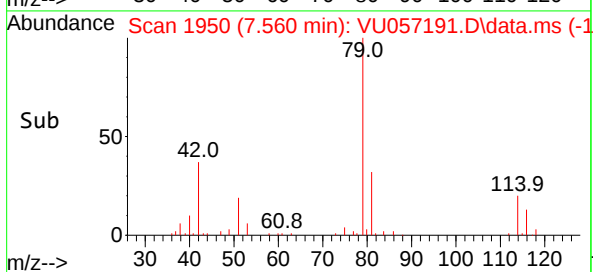
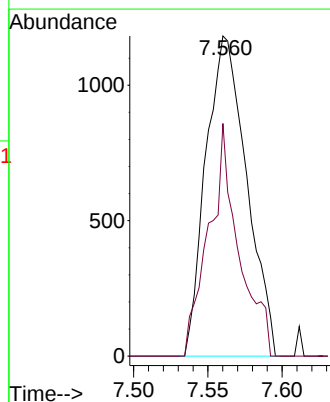
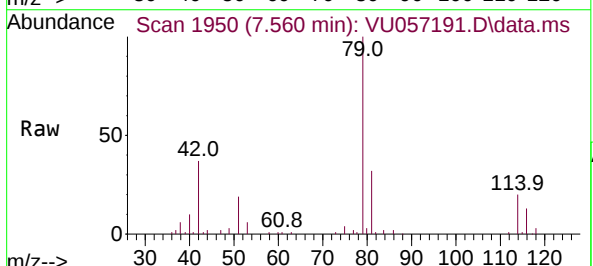
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MSVOA_U
ClientSampleId :

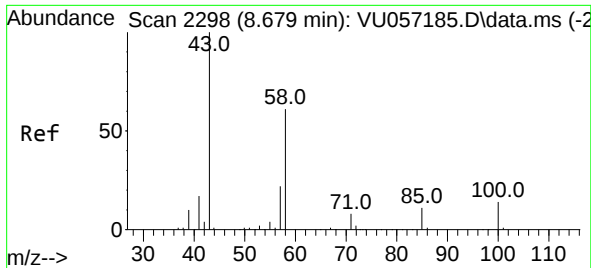
Tgt Ion: 63 Resp: 9139
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

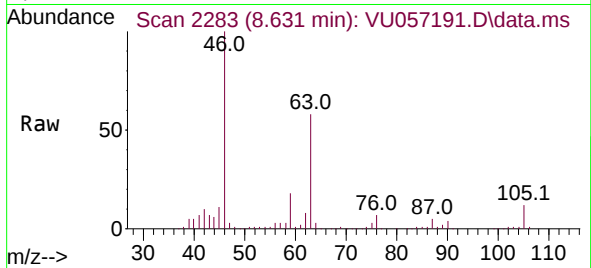
Tgt Ion: 75 Resp: 2253
Ion Ratio Lower Upper
75 100
77 72.7 21.8 40.4#



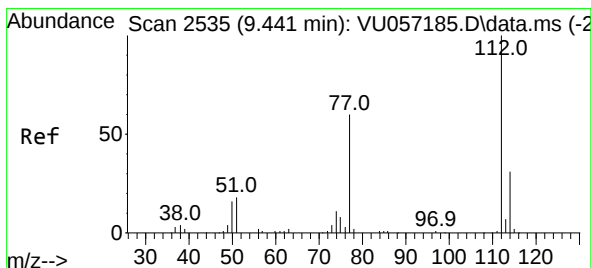
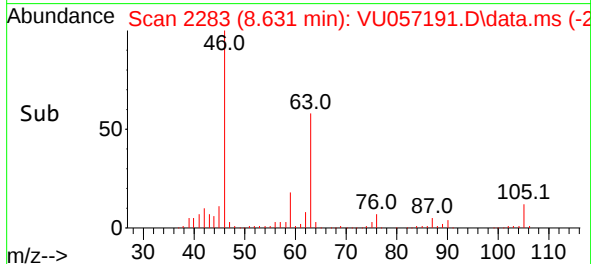
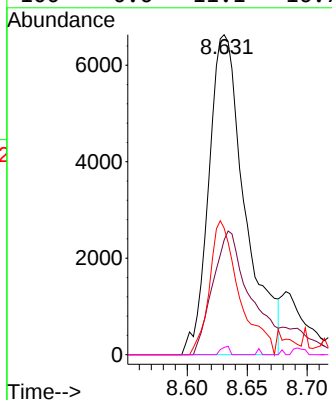


#48
2-Hexanone
Concen: 3.339 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

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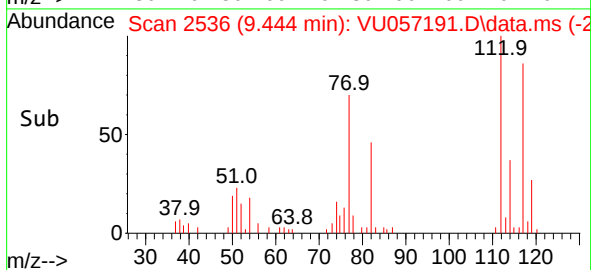
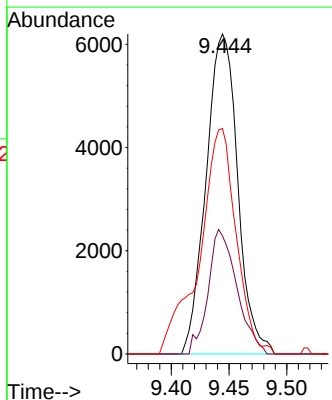
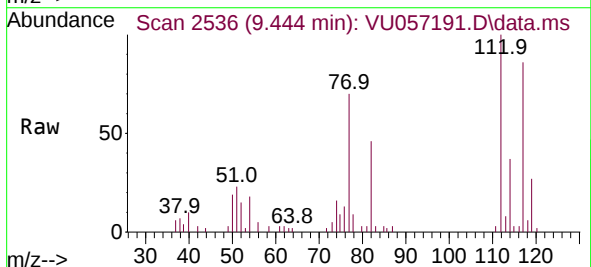


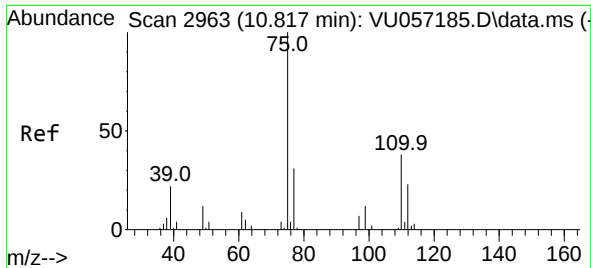
Tgt Ion:	43	58	57	100
Ratio	100	47.3	34.4	0.6
Lower		49.8	18.5	11.1
Upper		74.8#	27.7#	16.7#



#51
Chlorobenzene
Concen: 0.328 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057191.D
Acq: 22 Dec 2023 15:44

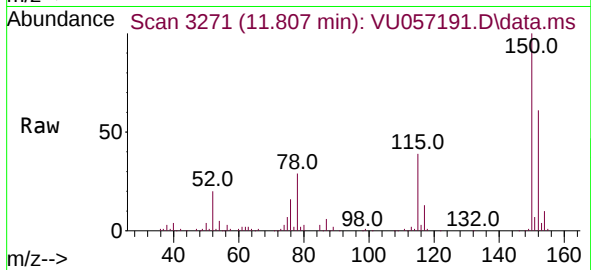
Tgt Ion:	112	114	77
Ratio	100	36.9	79.4
Lower		22.7	52.2
Upper		42.1	78.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.369 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057191.D
 Acq: 22 Dec 2023 15:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9035
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.2 46.8#
 77 33.4 25.5 38.3

