

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057231.D
 Acq On : 23 Dec 2023 08:41
 Operator : MD/SY
 Sample : 05979-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 25 00:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

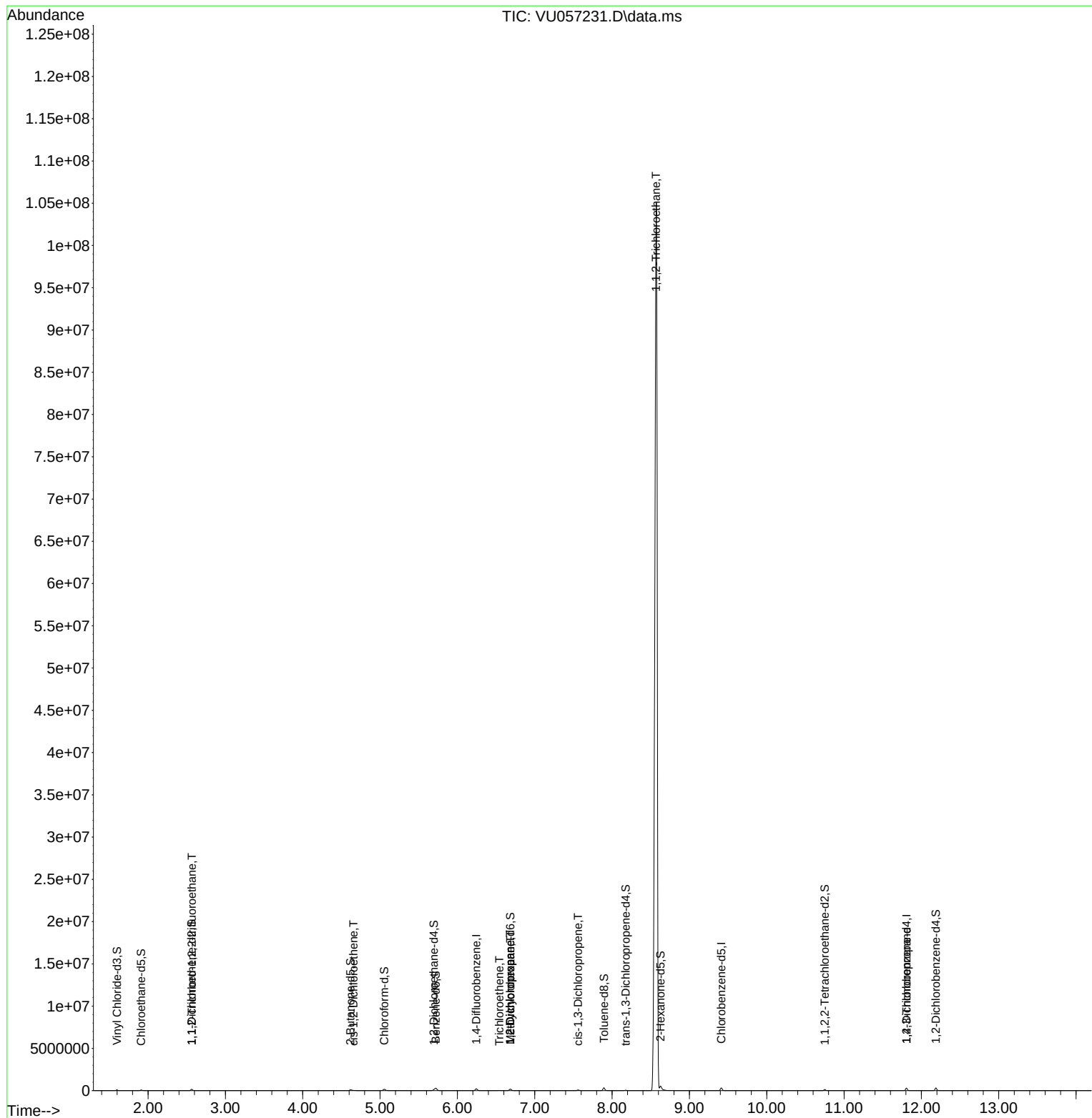
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	182154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71162	4.271	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.911	69	61532	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	30969	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.618	46	150404	57.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.000%
24) Chloroform-d	5.055	84	152658	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	76795	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	278526	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.685	67	87305	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	228336	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	30395	4.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.627	63	142658	56.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	65143	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	81856	4.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	1065	0.073	ug/L #	19
22) cis-1,2-Dichloroethene	4.656	96	2340	0.167	ug/L	90
34) Trichloroethene	6.544	95	4024	0.238	ug/L	94
35) Methylcyclohexane	6.685	83	21820	0.982	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10042	0.699	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2079	0.096	ug/L #	35
45) 1,1,2-Trichloroethane	8.569	97	284793	28.738	ug/L #	22
61) 1,2,3-Trichloropropane	11.807	75	9273	1.275	ug/L #	64

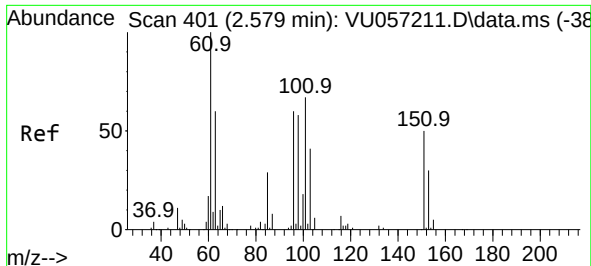
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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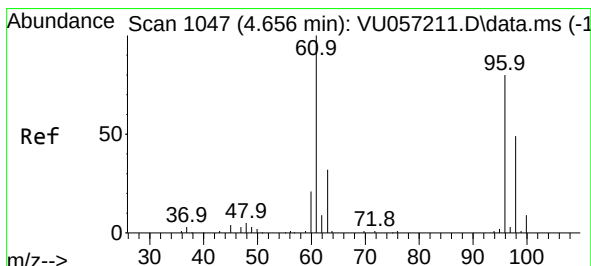
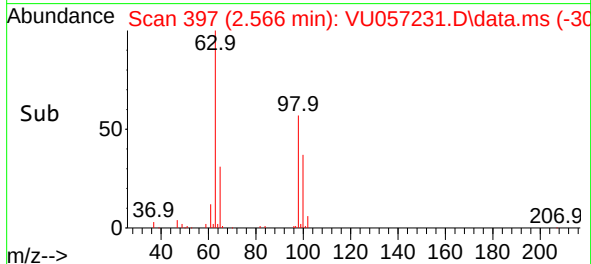
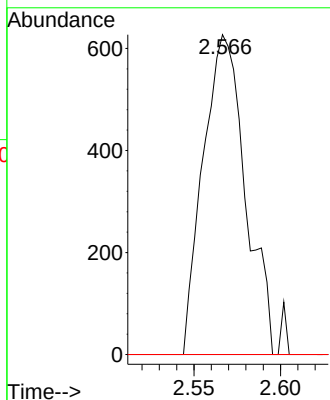
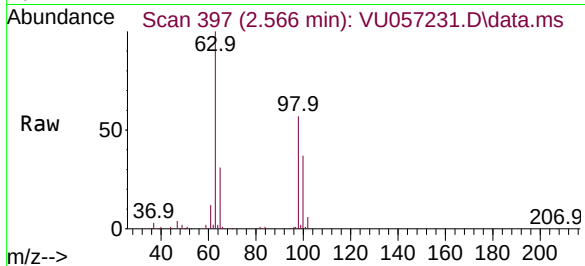




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.013 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

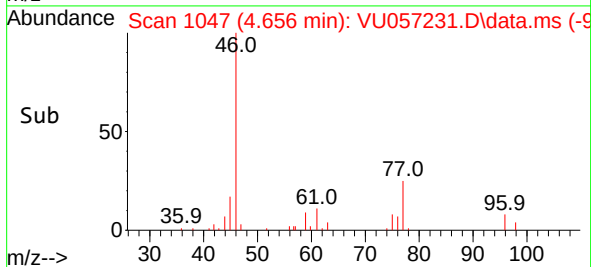
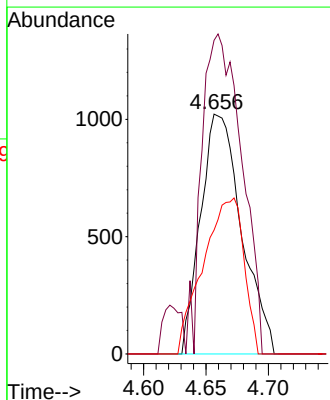
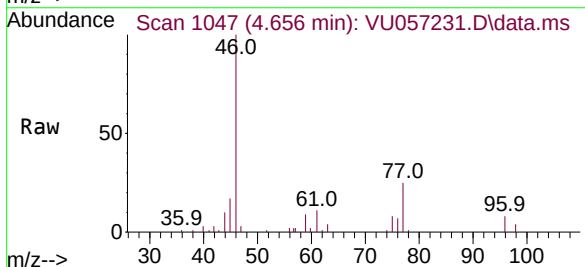
Instrument :
MSVOA_U
ClientSampleId :

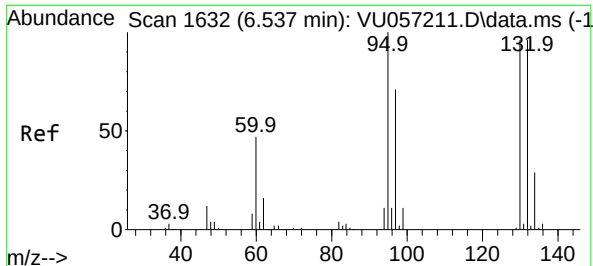
Tgt Ion:101 Resp: 1065
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.9 89.9#



#22
cis-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

Tgt Ion: 96 Resp: 2340
Ion Ratio Lower Upper
96 100
61 130.8 86.8 161.2
98 51.7 45.5 84.5

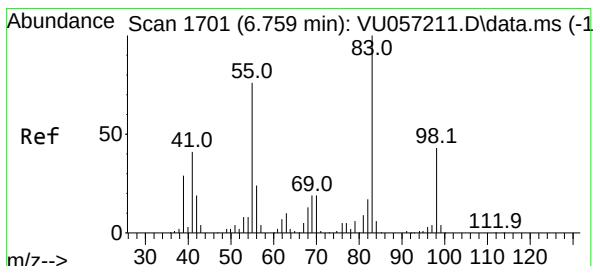
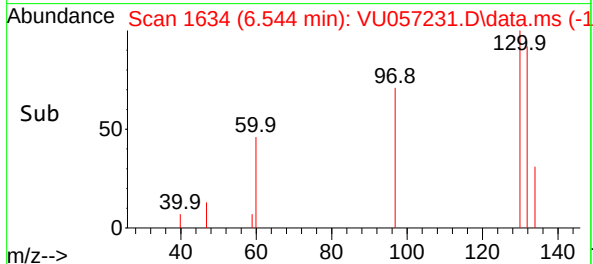
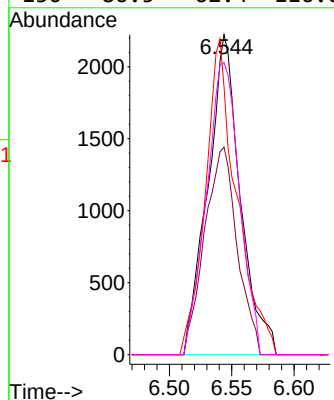
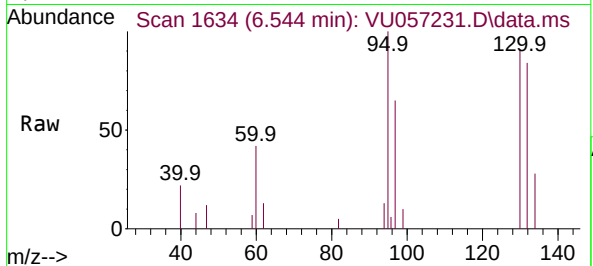




#34
Trichloroethene
Concen: 0.238 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

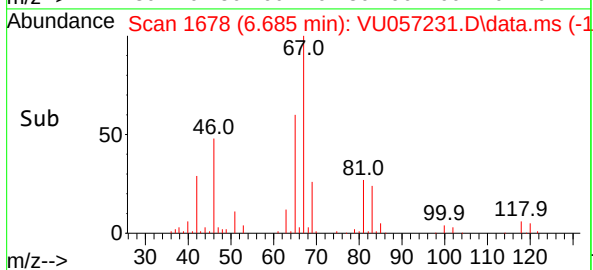
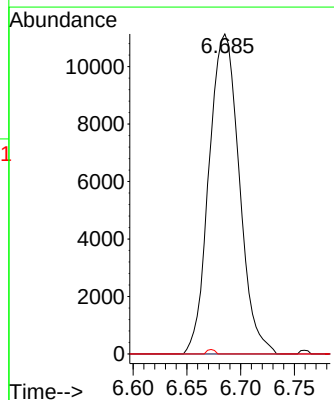
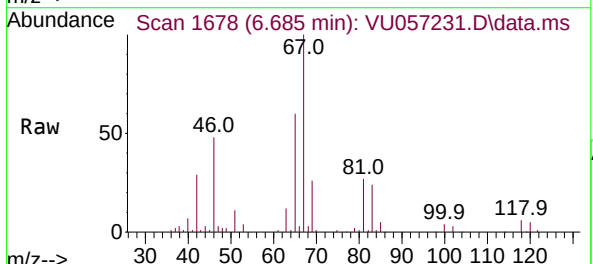
Instrument :
MSVOA_U
ClientSampleId :

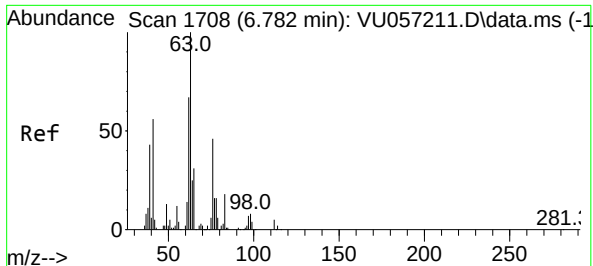
Tgt Ion: 95 Resp: 4024
Ion Ratio Lower Upper
95 100
97 61.4 44.3 82.3
132 79.2 62.6 116.2
130 86.5 62.4 116.0



#35
Methylcyclohexane
Concen: 0.982 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

Tgt Ion: 83 Resp: 21820
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.4 36.6 55.0#

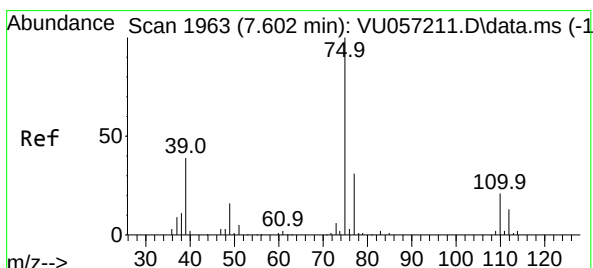
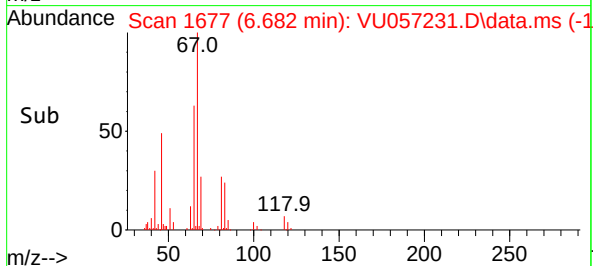
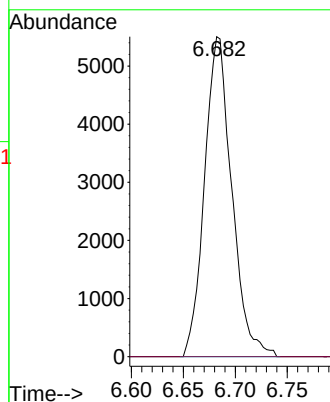
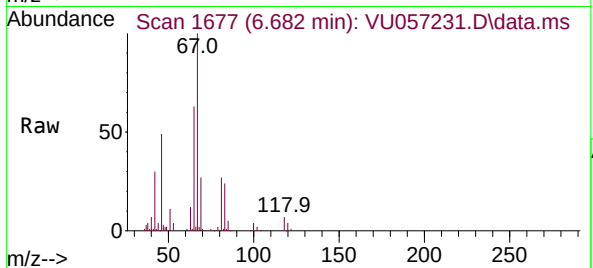




#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

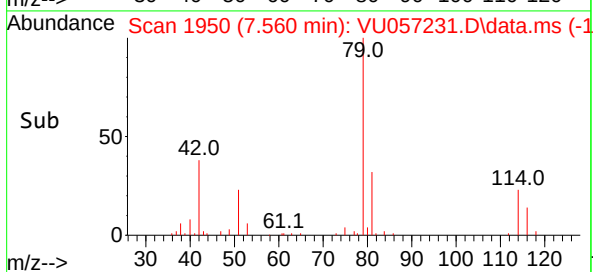
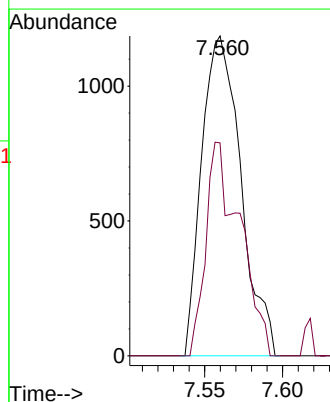
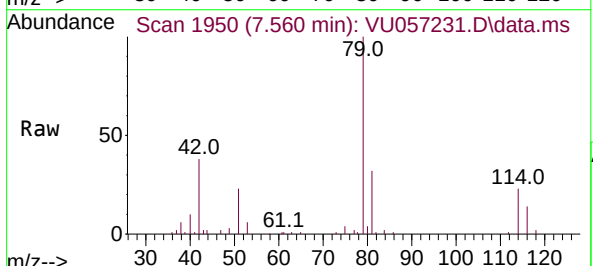
Instrument :
MSVOA_U
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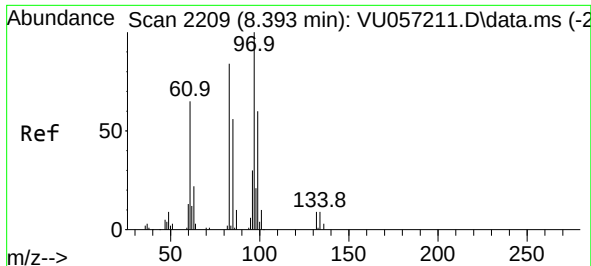
Tgt Ion: 63 Resp: 10042
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

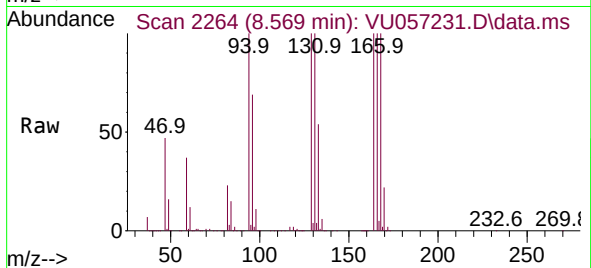
Tgt Ion: 75 Resp: 2079
Ion Ratio Lower Upper
75 100
77 66.6 21.8 40.4#



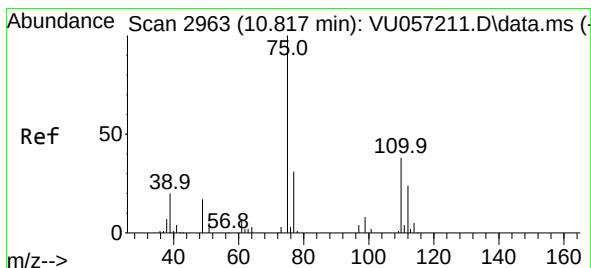
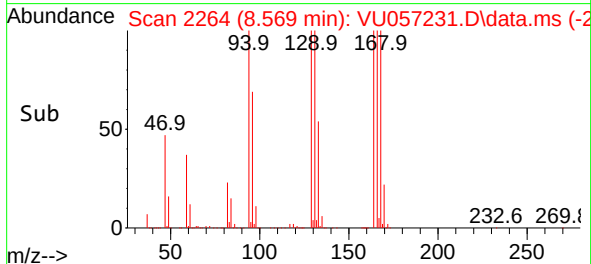
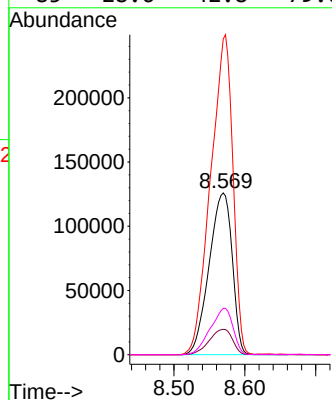


#45
1,1,2-Trichloroethane
Concen: 28.738 ug/L
RT: 8.569 min Scan# 21
Delta R.T. 0.177 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 284793
Ion Ratio Lower Upper
97 100
99 15.7 47.0 87.2#
83 195.1 62.1 115.3#
85 28.6 42.8 79.6#



#61
1,2,3-Trichloropropane
Concen: 1.275 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057231.D
Acq: 23 Dec 2023 08:41

Tgt Ion: 75 Resp: 9273
Ion Ratio Lower Upper
75 100
110 2.5 31.2 46.8#
77 35.8 25.5 38.3

