

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056770.D
 Acq On : 12 Dec 2023 07:01
 Operator : MD/SY
 Sample : 05675-20
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 11:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

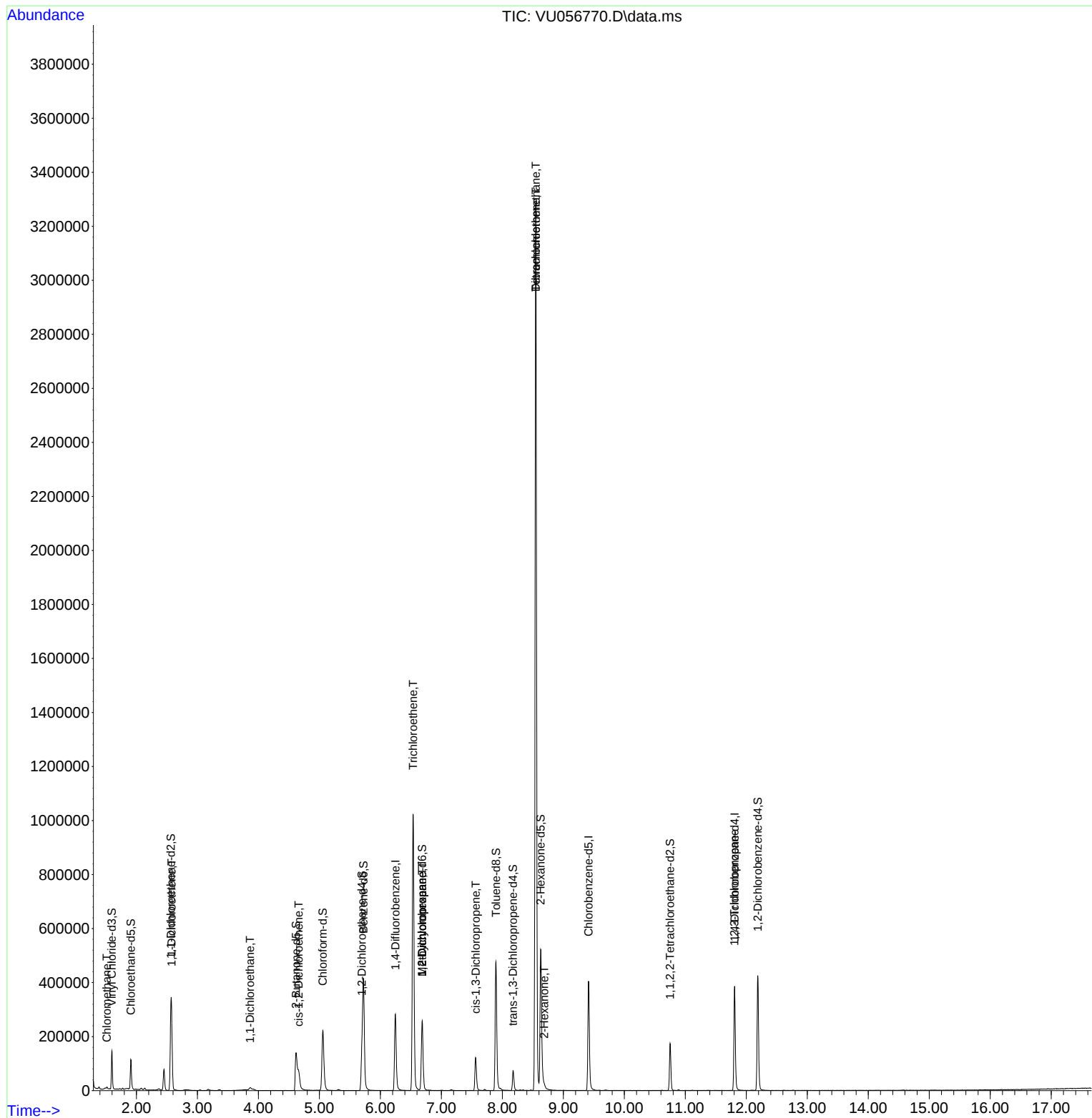
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101146	5.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.907	69	82424	5.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.563	65	44630	5.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	4.615	46	223744	56.901	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.800%
24) Chloroform-d	5.055	84	208513	5.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.695	65	100159	5.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.721	84	400410	5.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.685	67	127152	5.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	338957	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.174	79	44479	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	181658	53.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87419	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	112416	5.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4615	0.193	ug/L	96
12) 1,1-Dichloroethene	2.576	96	64837	3.438	ug/L	87
19) 1,1-Dichloroethane	3.862	63	8587	0.233	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	26104	1.255	ug/L	98
34) Trichloroethene	6.534	95	375418	16.190	ug/L	96
35) Methylcyclohexane	6.685	83	30595	0.894	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13634	0.631	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3487	0.111	ug/L #	60
47) Tetrachloroethene	8.547	164	699022	43.075	ug/L	98
48) 2-Hexanone	8.685	43	6857	0.938	ug/L #	86
49) Dibromochloromethane	8.547	129	726634	43.243	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	13392	1.216	ug/L #	70

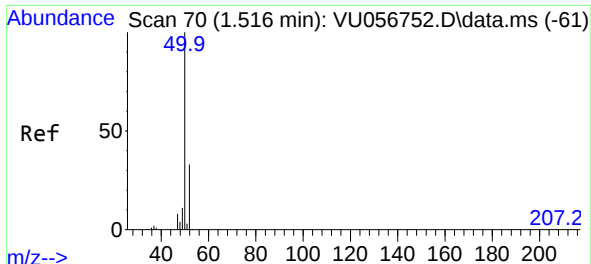
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
Data File : VU056770.D
Acq On : 12 Dec 2023 07:01
Operator : MD/SY
Sample : 05675-20
Misc : 25.2mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 12 11:04:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 12 02:01:50 2023
Response via : Initial Calibration

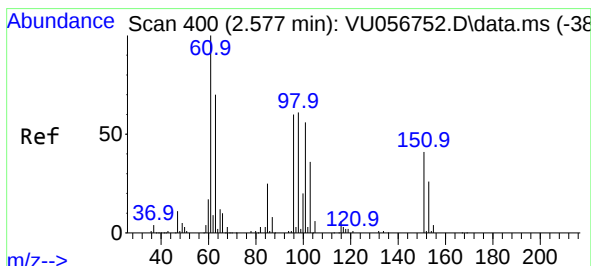
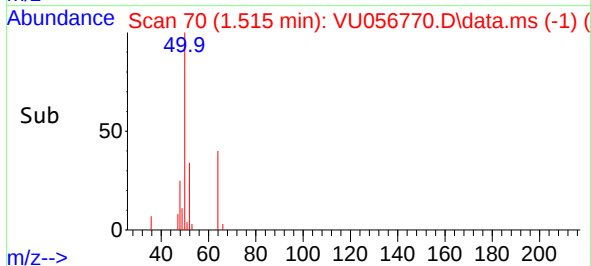
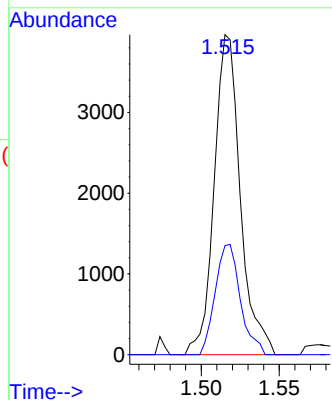
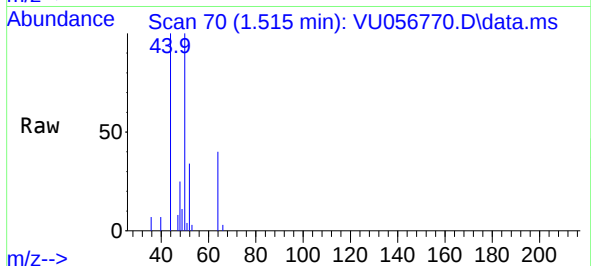




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

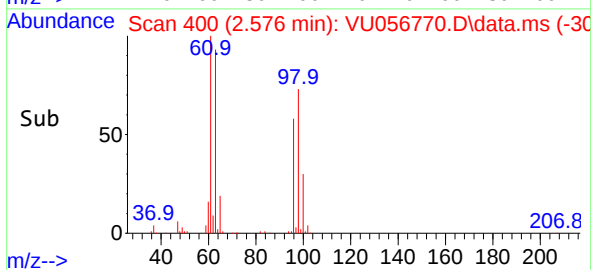
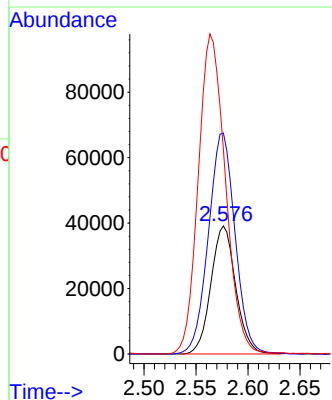
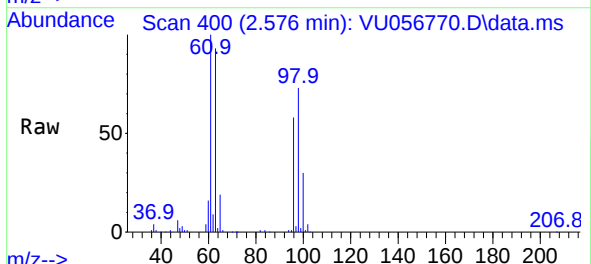
Instrument :
MSVOA_U
ClientSampleId :

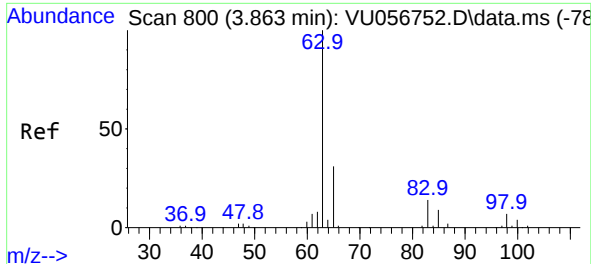
Tgt Ion: 50 Resp: 4615
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.7



#12
1,1-Dichloroethene
Concen: 3.438 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 96 Resp: 64837
Ion Ratio Lower Upper
96 100
61 172.5 119.0 221.0
63 159.9 88.7 164.7





#19

1,1-Dichloroethane

Concen: 0.233 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056770.D

Acq: 12 Dec 2023 07:01

Instrument :

MSVOA_U

ClientSampleId :

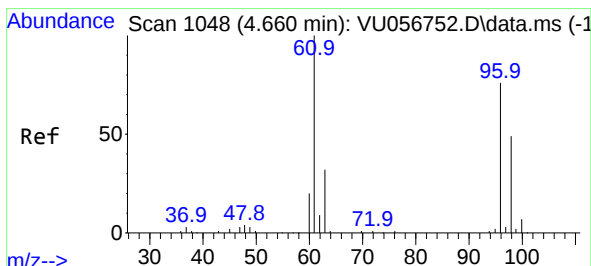
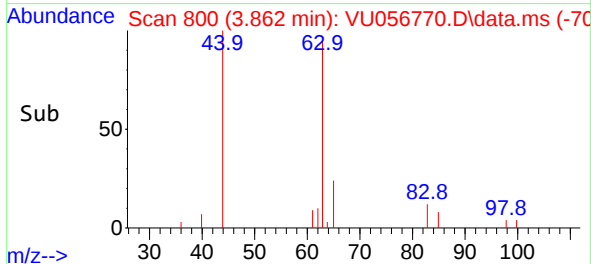
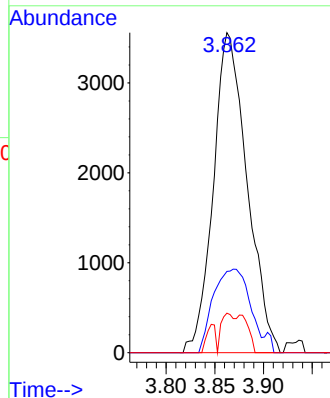
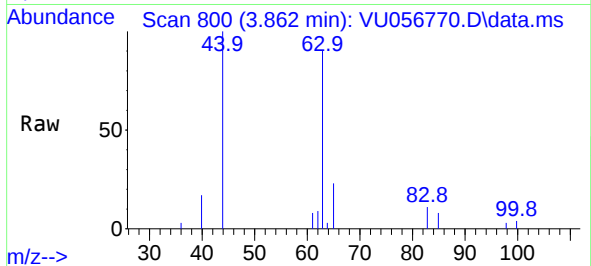
Tgt Ion: 63 Resp: 8587

Ion Ratio Lower Upper

63 100

65 24.5 22.9 42.5

83 11.9 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.255 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056770.D

Acq: 12 Dec 2023 07:01

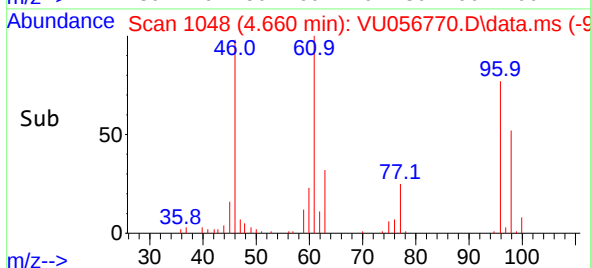
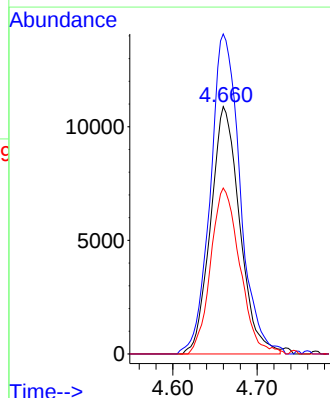
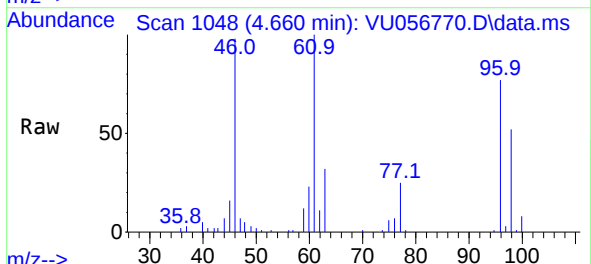
Tgt Ion: 96 Resp: 26104

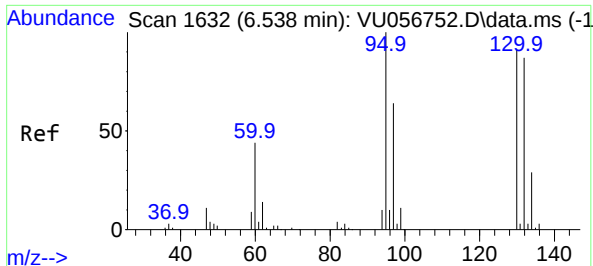
Ion Ratio Lower Upper

96 100

61 129.3 91.3 169.6

98 67.1 44.2 82.0

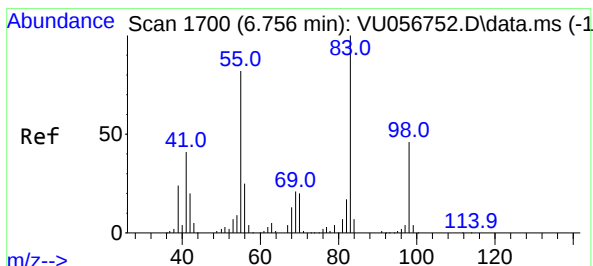
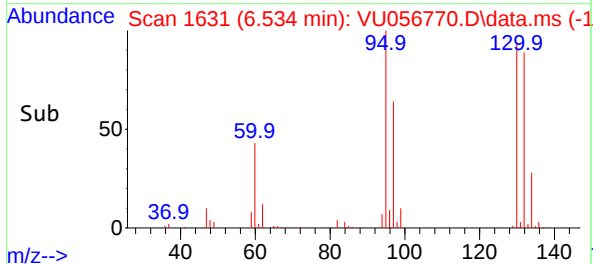
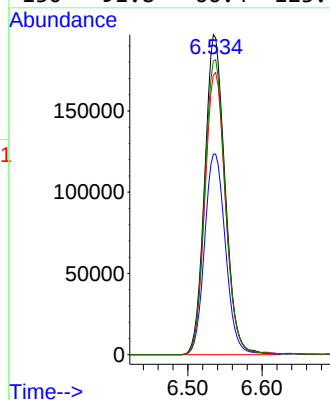
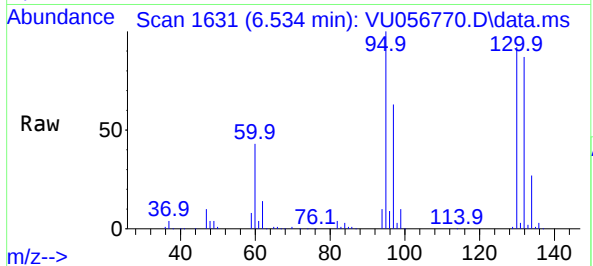




#34
Trichloroethene
Concen: 16.190 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

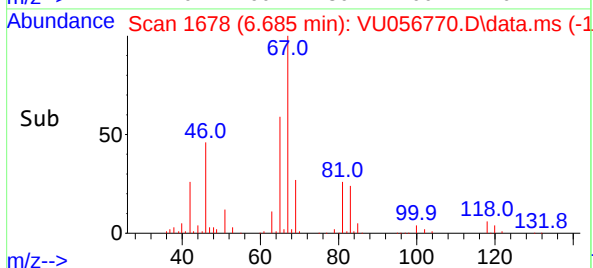
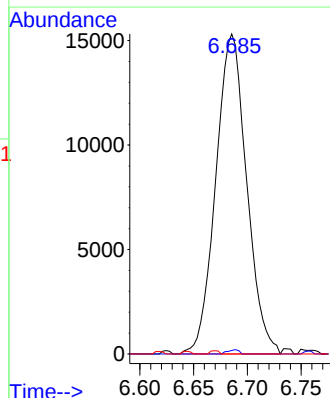
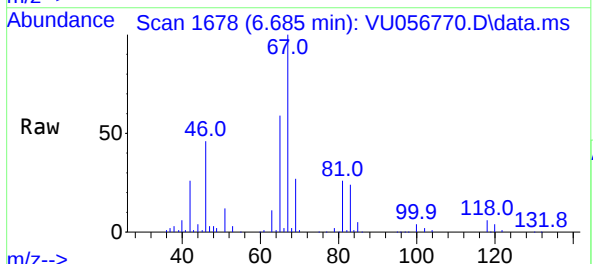
Instrument :
MSVOA_U
ClientSampleId :

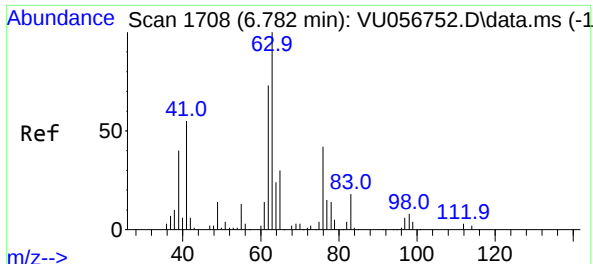
Tgt Ion: 95 Resp: 375418
Ion Ratio Lower Upper
95 100
97 62.7 46.1 85.5
132 87.4 63.6 118.0
130 91.8 66.4 123.4



#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 83 Resp: 30595
Ion Ratio Lower Upper
83 100
55 0.5 64.6 97.0#
98 1.8 36.1 54.1#

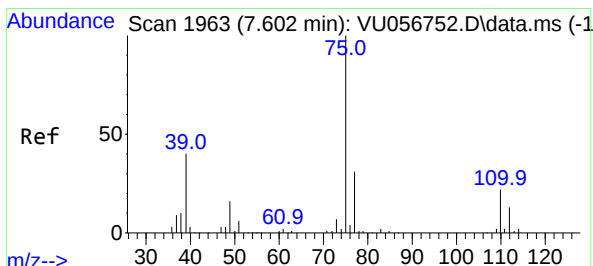
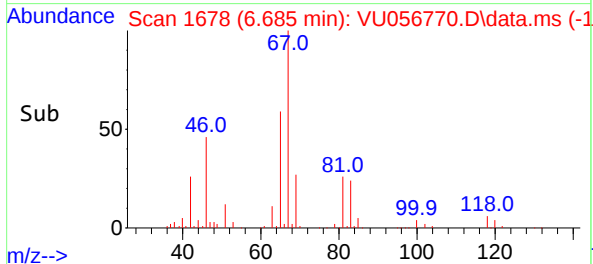
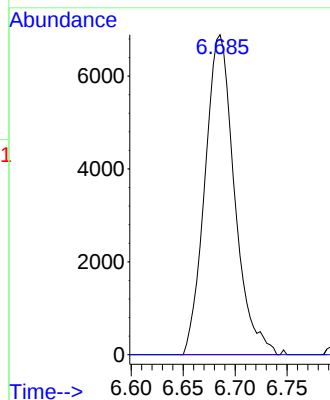
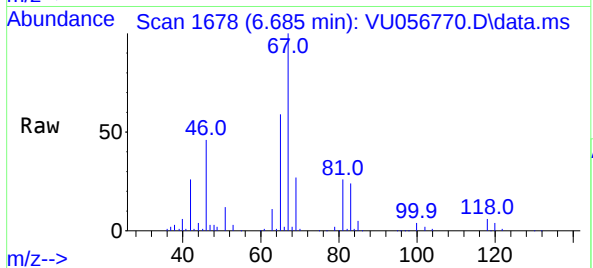




#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

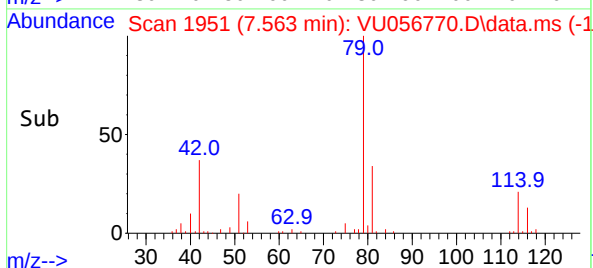
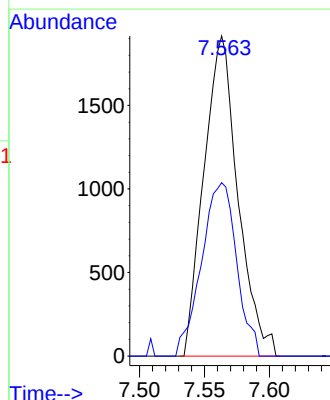
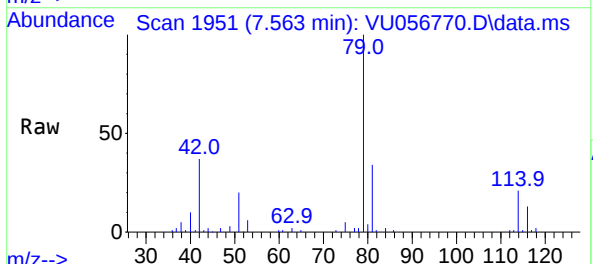
Instrument :
MSVOA_U
ClientSampleId :

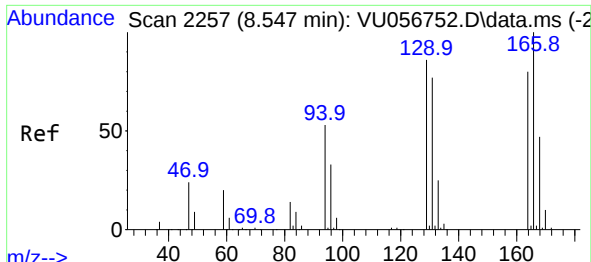
Tgt Ion: 63 Resp: 13634
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

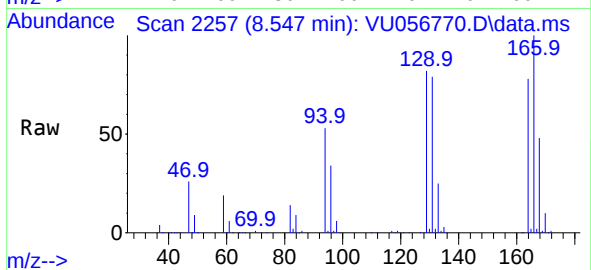
Tgt Ion: 75 Resp: 3487
Ion Ratio Lower Upper
75 100
77 54.2 22.3 41.5#



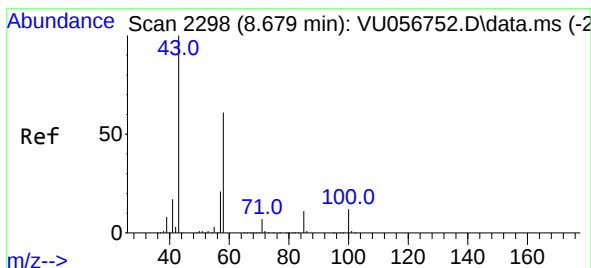
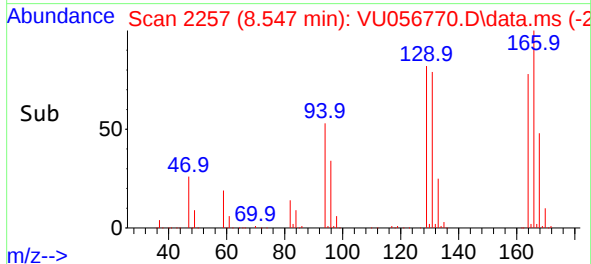
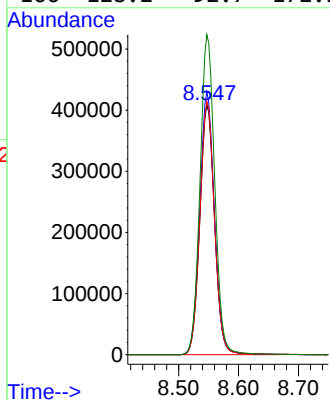


#47
Tetrachloroethene
Concen: 43.075 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Instrument :
MSVOA_U
ClientSampleId :

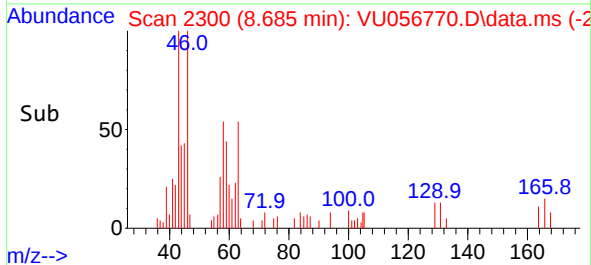
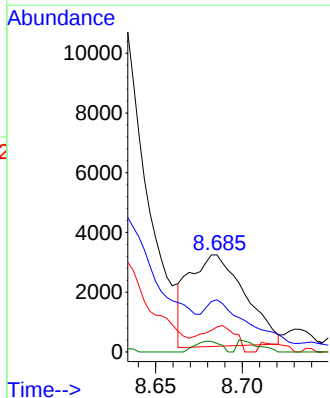
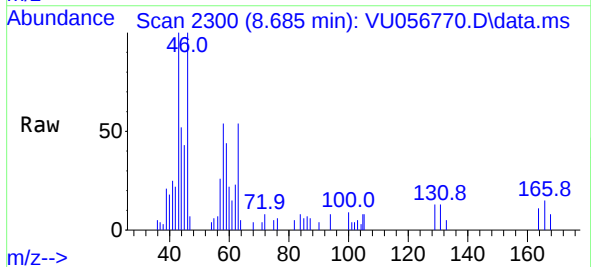


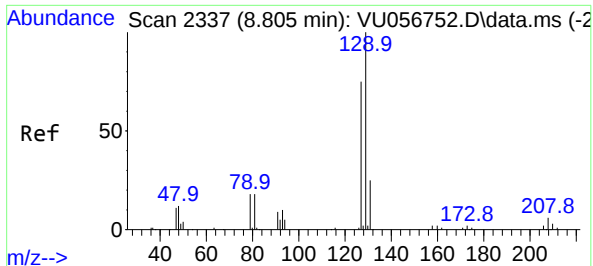
Tgt Ion:164 Resp: 699022
Ion Ratio Lower Upper
164 100
129 105.2 73.4 136.4
131 101.4 71.5 132.9
166 128.2 92.7 172.1



#48
2-Hexanone
Concen: 0.938 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 47.5 47.5 71.3#
57 17.3 17.0 25.4
100 5.3 9.8 14.8#

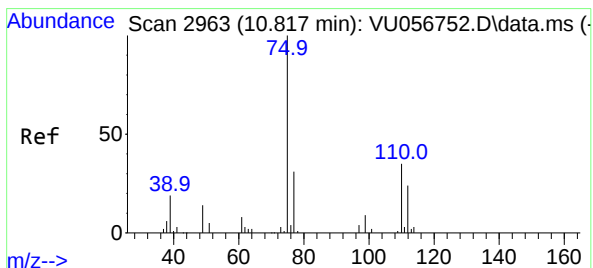
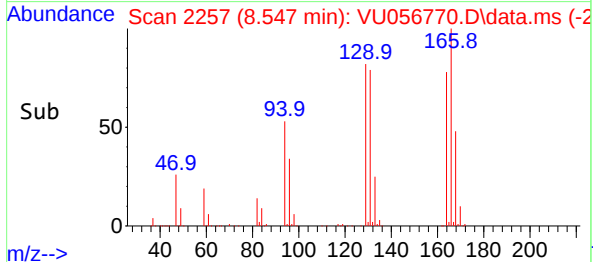
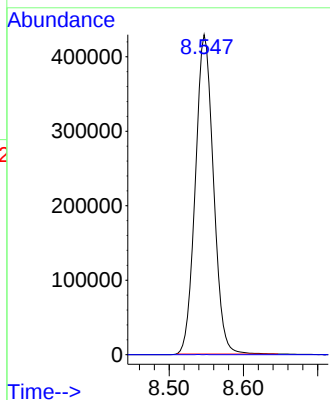
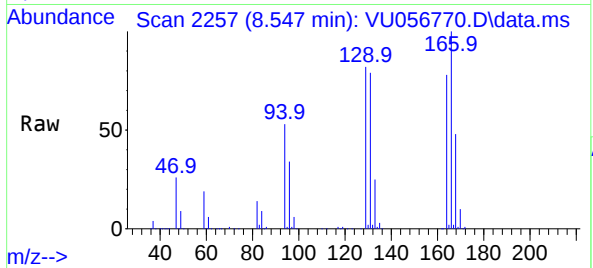




#49
Dibromochloromethane
Concen: 43.243 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.258 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 726634
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.216 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU056770.D
Acq: 12 Dec 2023 07:01

Tgt Ion: 75 Resp: 13392
Ion Ratio Lower Upper
75 100
110 2.4 28.4 42.6#
77 33.1 26.3 39.5

