

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056181.D
 Acq On : 10 Nov 2023 19:46
 Operator : MD/SY
 Sample : 05340-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 01:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

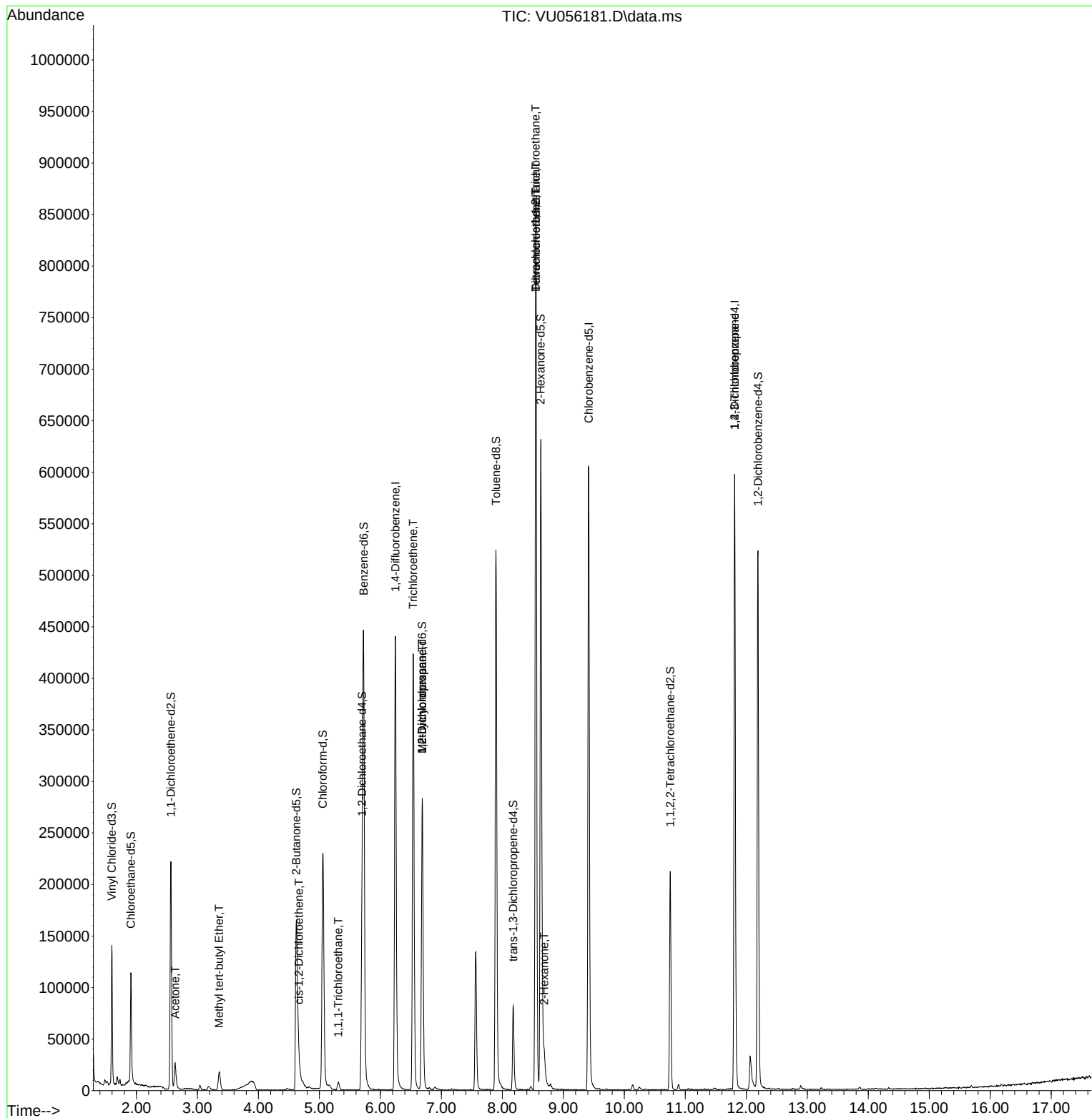
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	374162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	166913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95576	4.115	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	79069	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.563	65	41567	4.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.621	46	255290	67.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.000%#
24) Chloroform-d	5.055	84	226044	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.698	65	107710	5.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.724	84	447377	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	142223	5.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.894	98	375634	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	49858	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	222194	68.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.460%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107327	5.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	144212	5.603	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds	Qvalue					
13) Acetone	2.634	43	33730	12.004	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	20785	0.384	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	3478	0.126	ug/L	90
29) 1,1,1-Trichloroethane	5.309	97	5721	0.137	ug/L	93
34) Trichloroethene	6.538	95	154302	5.405	ug/L	96
35) Methylcyclohexane	6.685	83	34514	0.813	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13603	0.501	ug/L #	87
45) 1,1,2-Trichloroethane	8.544	97	1889	0.102	ug/L #	5
47) Tetrachloroethene	8.550	164	199241	9.299	ug/L	97
48) 2-Hexanone	8.685	43	15743	1.819	ug/L	90
49) Dibromochloromethane	8.547	129	195398	9.166	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18686	1.297	ug/L #	67

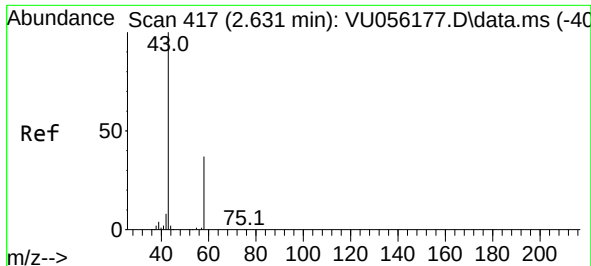
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.004 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056181.D

Acq: 10 Nov 2023 19:46

Instrument :

MSVOA_U

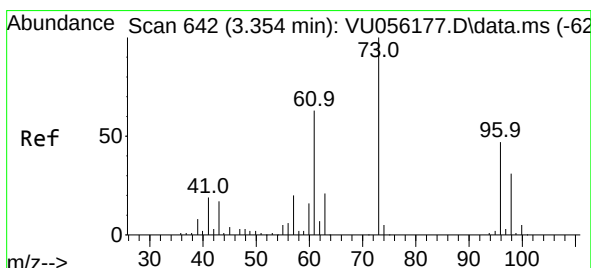
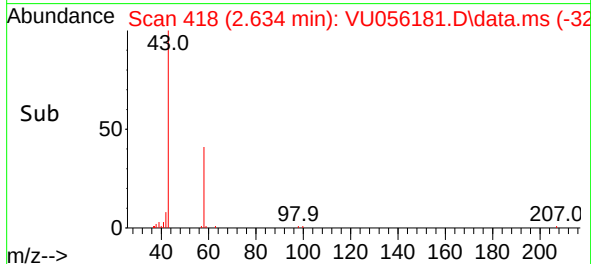
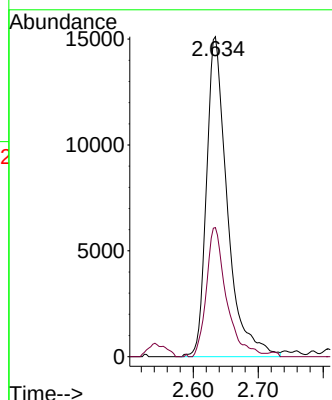
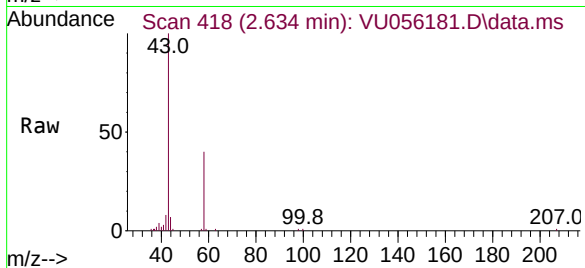
ClientSampleId :

Tgt Ion: 43 Resp: 33730

Ion Ratio Lower Upper

43 100

58 38.8 0.0 74.4



#17

Methyl tert-butyl Ether

Concen: 0.384 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056181.D

Acq: 10 Nov 2023 19:46

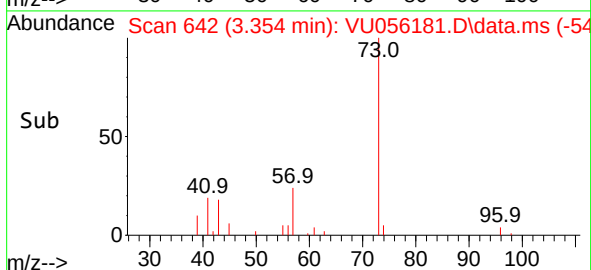
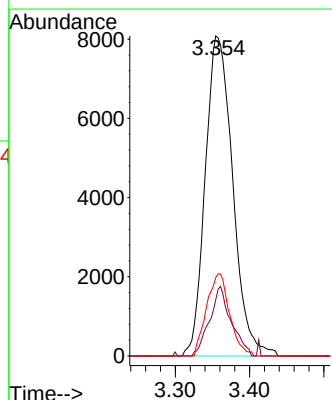
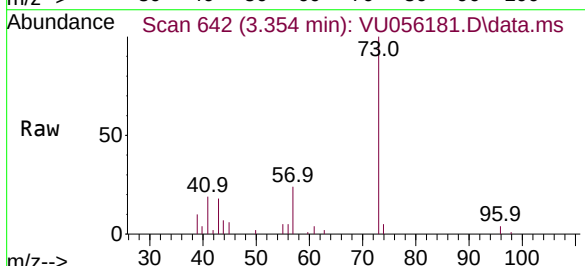
Tgt Ion: 73 Resp: 20785

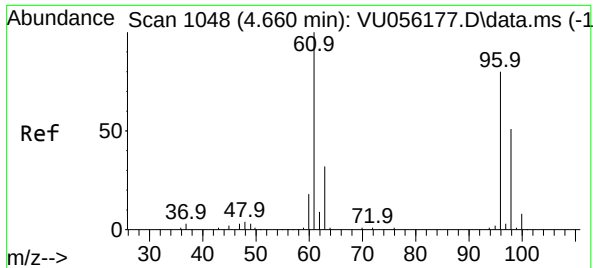
Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 21.5 17.3 25.9

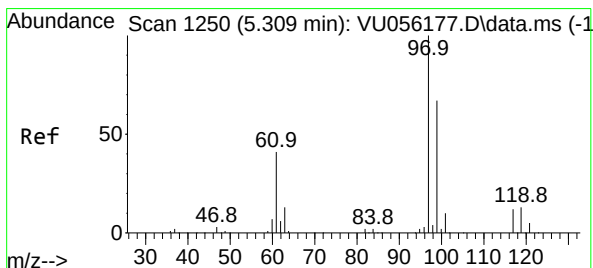
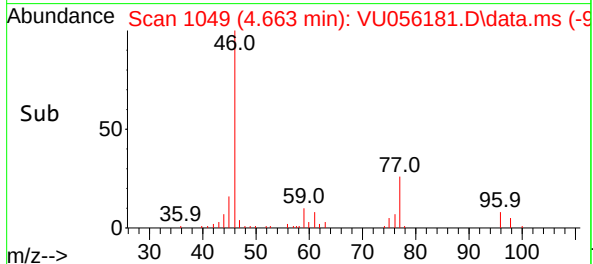
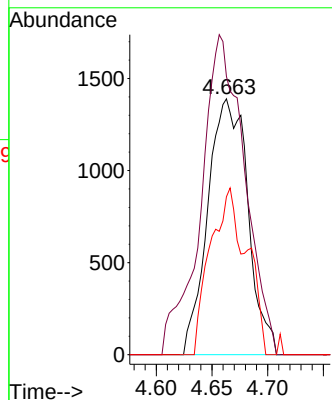
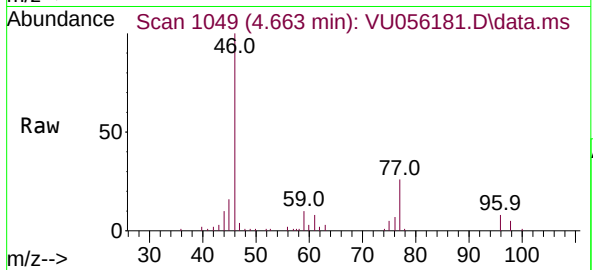




#22
 cis-1,2-Dichloroethene
 Concen: 0.126 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056181.D
 Acq: 10 Nov 2023 19:46

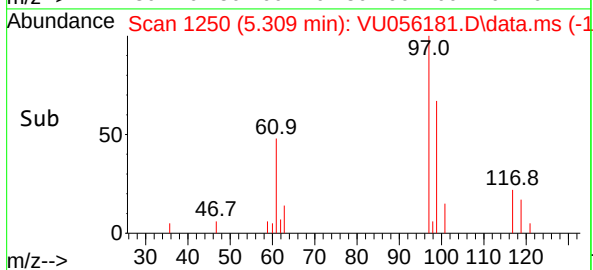
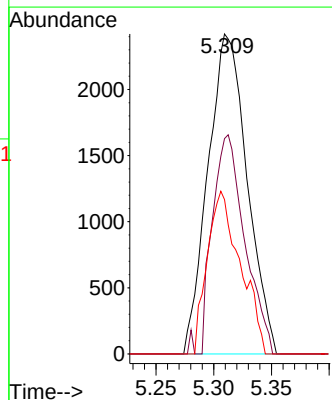
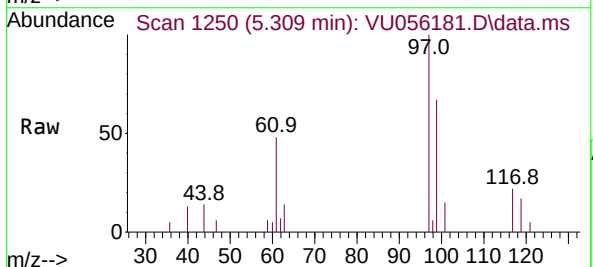
Instrument :
 MSVOA_U
 ClientSampleId :

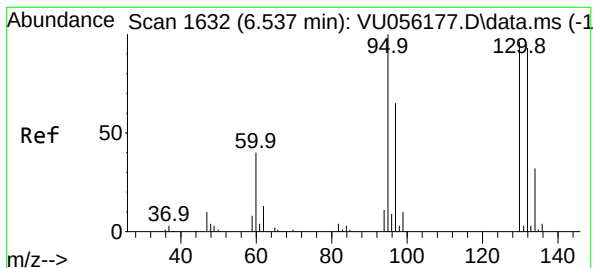
Tgt Ion: 96 Resp: 3478
 Ion Ratio Lower Upper
 96 100
 61 108.7 87.8 163.2
 98 61.7 43.5 80.7



#29
 1,1,1-Trichloroethane
 Concen: 0.137 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU056181.D
 Acq: 10 Nov 2023 19:46

Tgt Ion: 97 Resp: 5721
 Ion Ratio Lower Upper
 97 100
 99 56.4 52.0 78.0
 61 42.8 33.4 50.0





#34

Trichloroethene

Concen: 5.405 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056181.D

Acq: 10 Nov 2023 19:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 154302

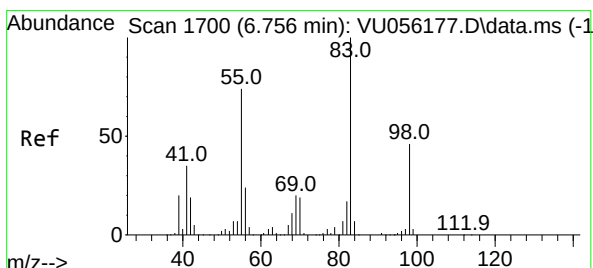
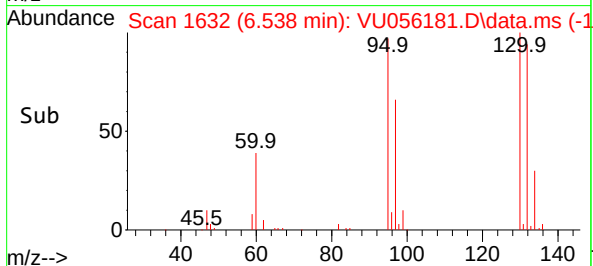
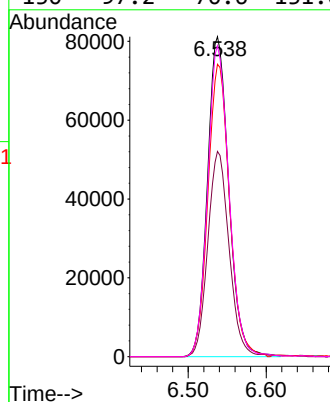
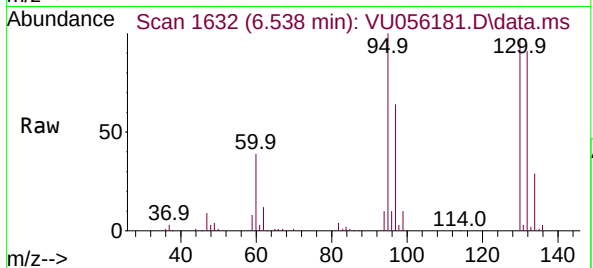
Ion Ratio Lower Upper

95 100

97 64.1 46.8 87.0

132 91.4 66.5 123.5

130 97.2 70.6 131.0



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU056181.D

Acq: 10 Nov 2023 19:46

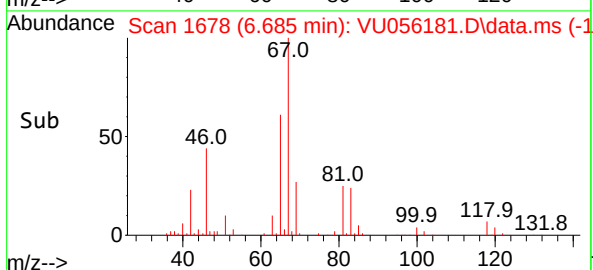
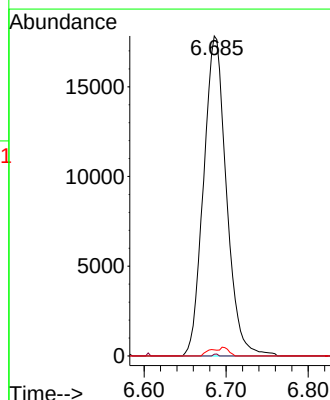
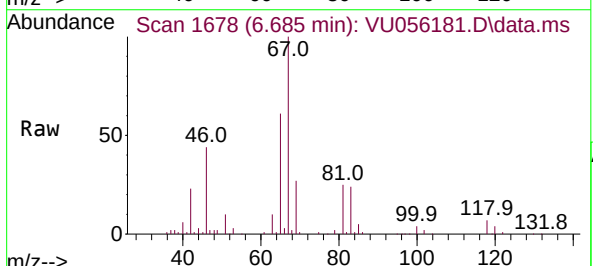
Tgt Ion: 83 Resp: 34514

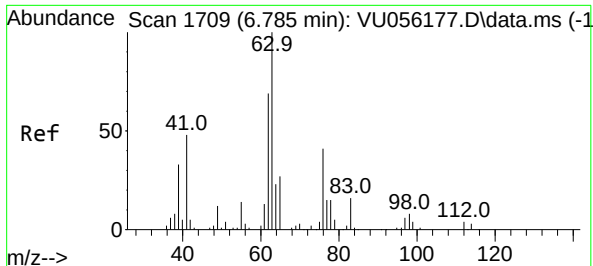
Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 1.0 36.2 54.4#

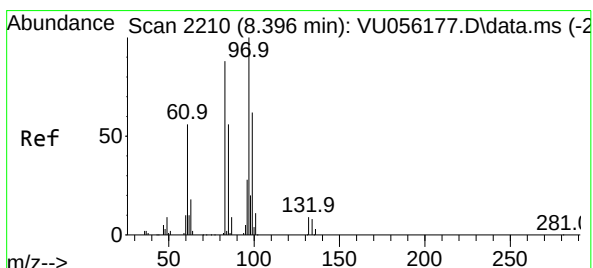
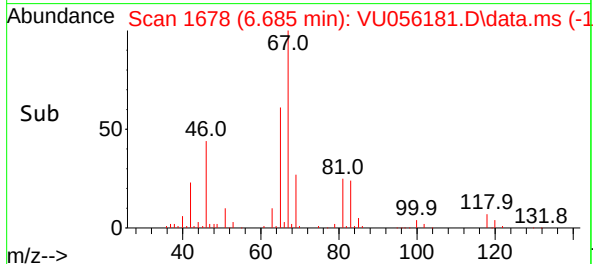
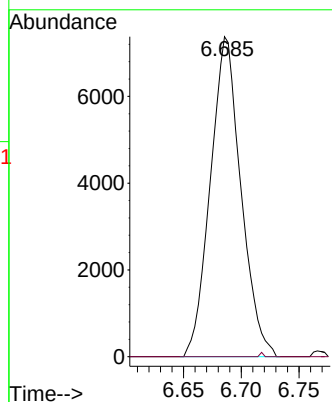
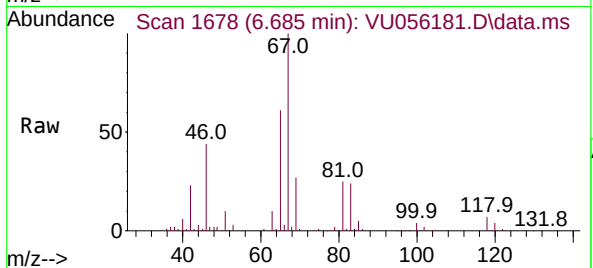




#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

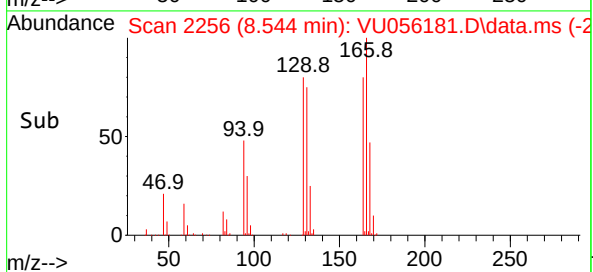
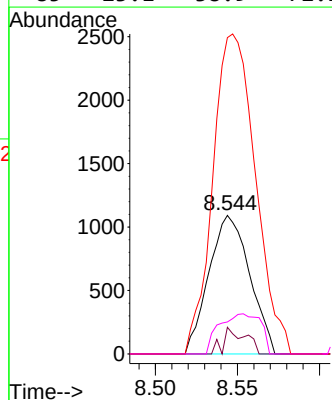
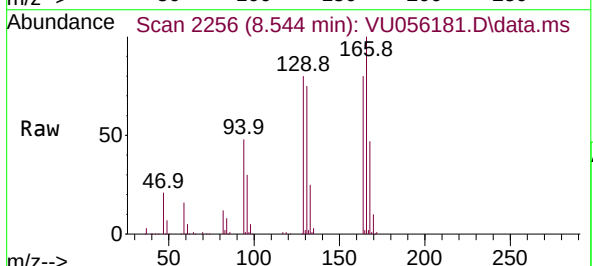
Instrument :
MSVOA_U
ClientSampleId :

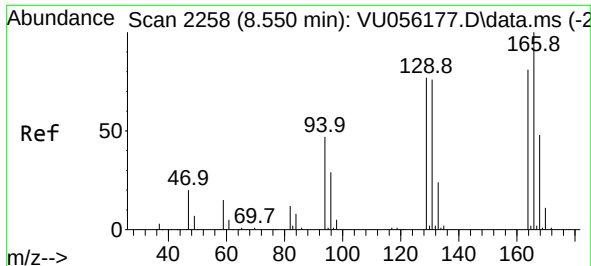
Tgt Ion: 63 Resp: 13603
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



#45
1,1,2-Trichloroethane
Concen: 0.102 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.148 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

Tgt Ion: 97 Resp: 1889
Ion Ratio Lower Upper
97 100
99 19.2 44.7 82.9#
83 228.3 59.4 110.2#
85 23.1 38.9 72.2#

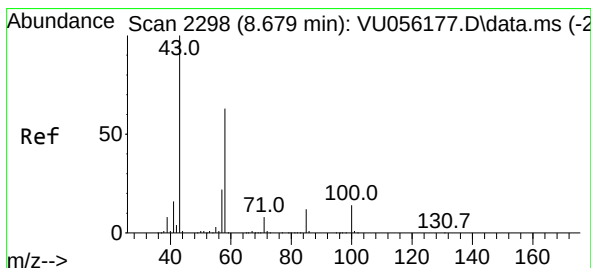
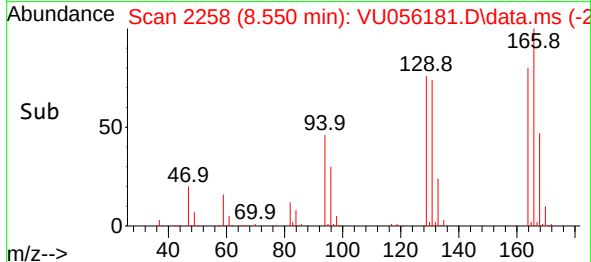
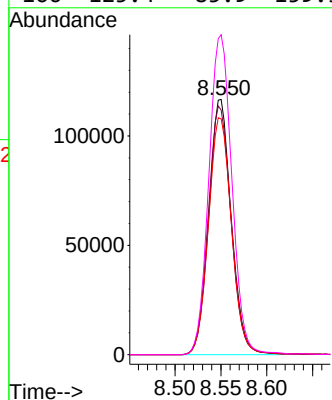
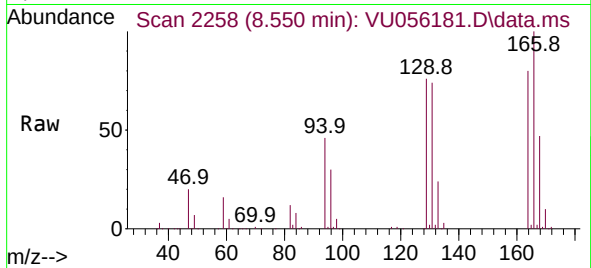




#47
Tetrachloroethene
Concen: 9.299 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

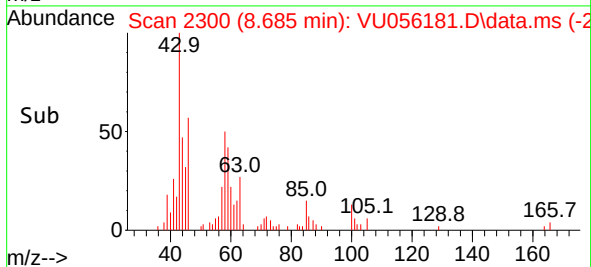
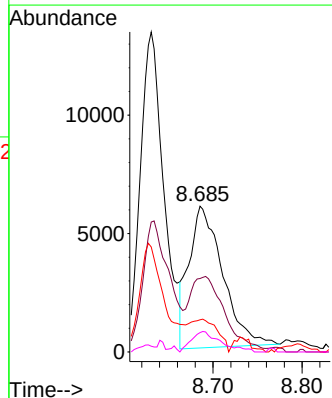
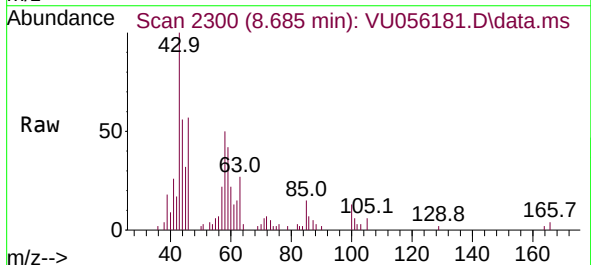
Instrument :
MSVOA_U
ClientSampleId :

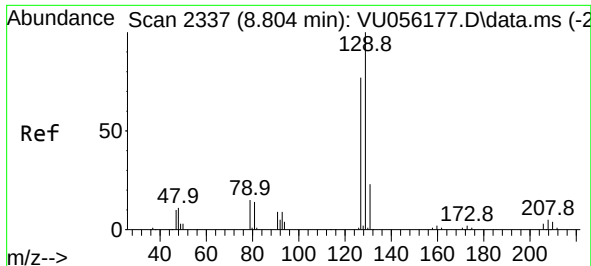
Tgt Ion:164 Resp: 199241
Ion Ratio Lower Upper
164 100
129 95.8 66.6 123.8
131 92.4 67.8 126.0
166 125.4 85.9 159.5



#48
2-Hexanone
Concen: 1.819 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

Tgt Ion: 43 Resp: 15743
Ion Ratio Lower Upper
43 100
58 56.1 52.0 78.0
57 17.4 17.4 26.2
100 12.6 11.0 16.6

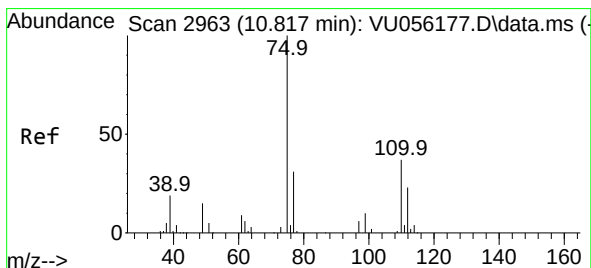
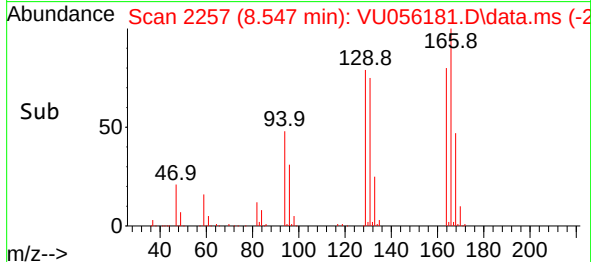
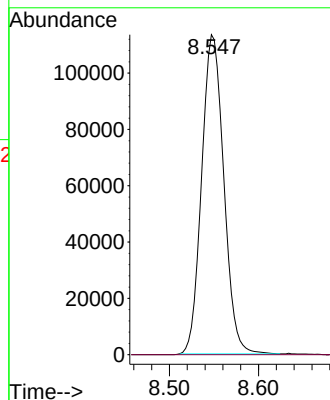
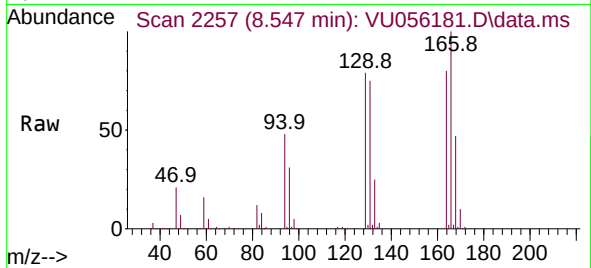




#49
Dibromochloromethane
Concen: 9.166 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 195398
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056181.D
Acq: 10 Nov 2023 19:46

Tgt Ion: 75 Resp: 18686
Ion Ratio Lower Upper
75 100
110 2.7 29.7 44.5#
77 34.5 25.5 38.3

