

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056269.D
 Acq On : 13 Nov 2023 22:31
 Operator : MD/SY
 Sample : 05371-06RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:46:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

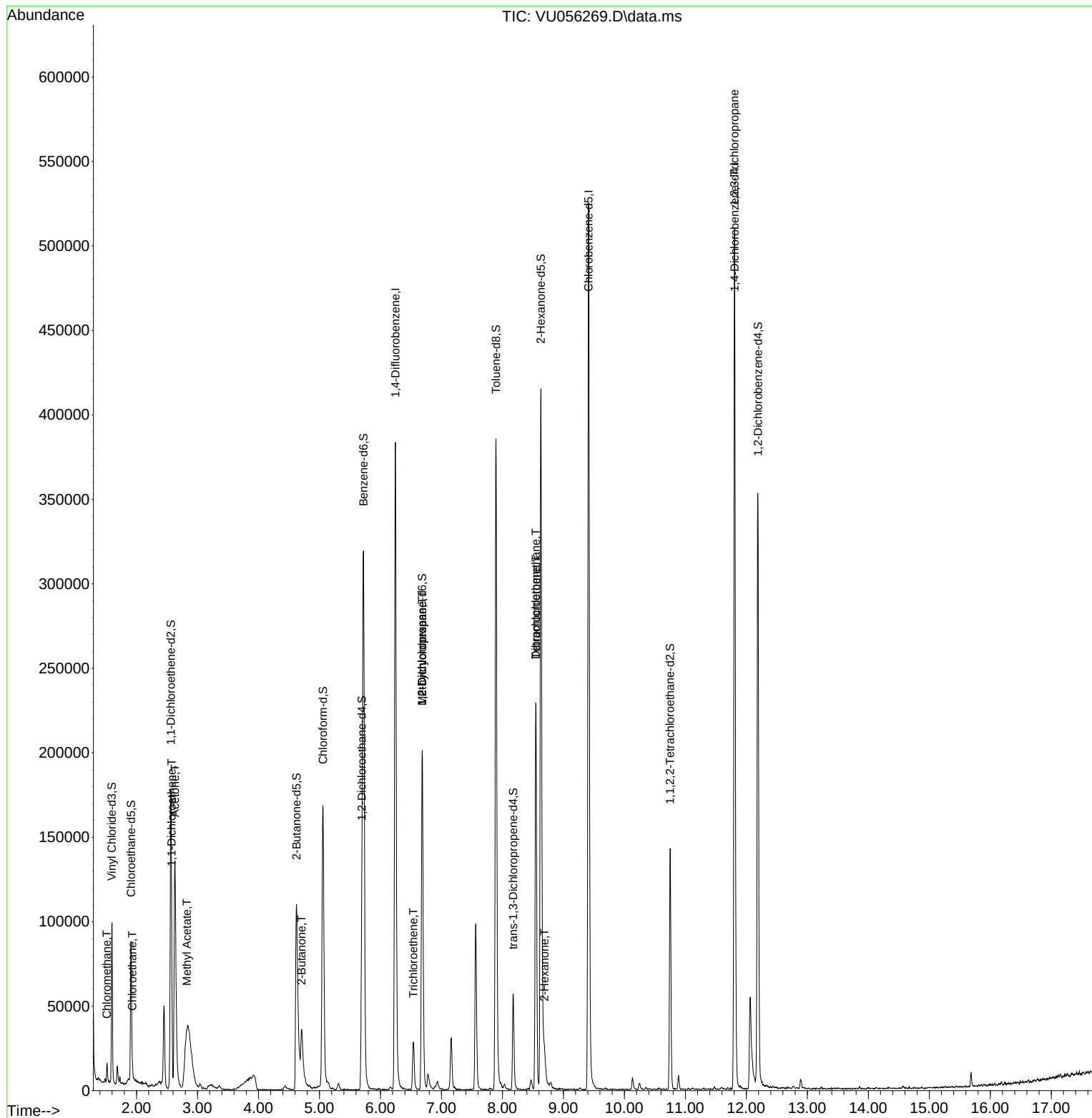
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	303950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67329	2.885	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.911	69	58310	3.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.563	65	33241	3.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.624	46	182541	39.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	5.058	84	160249	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
26) 1,2-Dichloroethane-d4	5.695	65	78279	3.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	5.721	84	312859	3.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
36) 1,2-Dichloropropane-d6	6.685	67	100724	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.894	98	267756	3.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	34492	3.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.631	63	146947	35.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	73124	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	94031	3.680	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.600%#
Target Compounds						
3) Chloromethane	1.515	50	7282	0.288	ug/L	97
8) Chloroethane	1.930	64	3633	0.244	ug/L	89
12) 1,1-Dichloroethene	2.576	96	4562	0.239	ug/L #	1
13) Acetone	2.631	43	184214	46.476	ug/L	97
15) Methyl Acetate	2.827	43	12116	1.718	ug/L #	49
21) 2-Butanone	4.708	43	55262	10.745	ug/L	99
34) Trichloroethene	6.541	95	10241	0.433	ug/L	92
35) Methylcyclohexane	6.685	83	21954	0.644	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11198	0.495	ug/L #	88
47) Tetrachloroethene	8.547	164	49365	3.098	ug/L	97
48) 2-Hexanone	8.689	43	13814	1.582	ug/L #	96
49) Dibromochloromethane	8.547	129	51890	3.029	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	17952	1.513	ug/L #	67

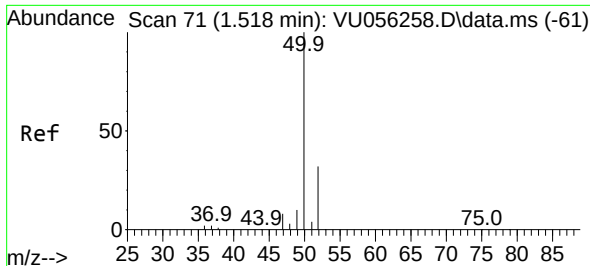
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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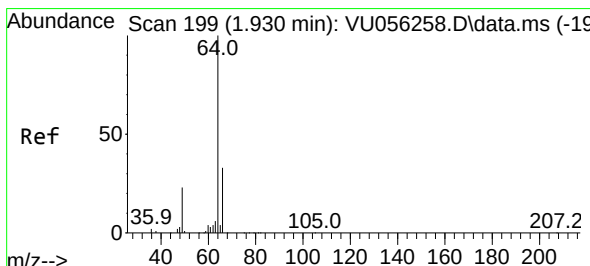
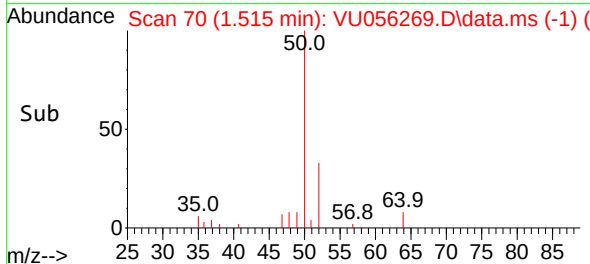
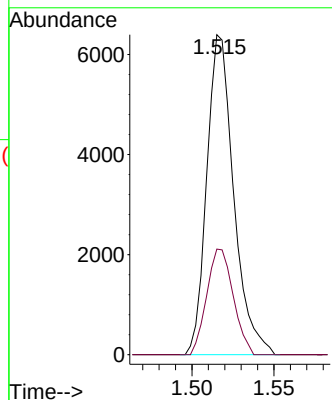
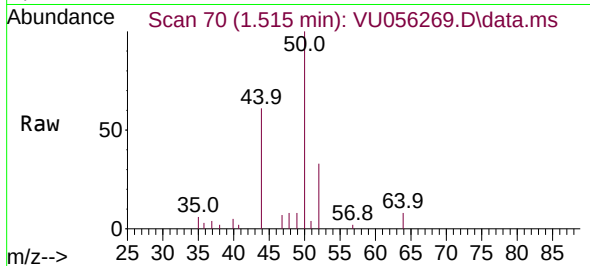




#3
Chloromethane
Concen: 0.288 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

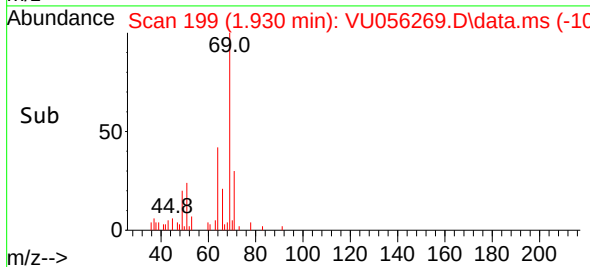
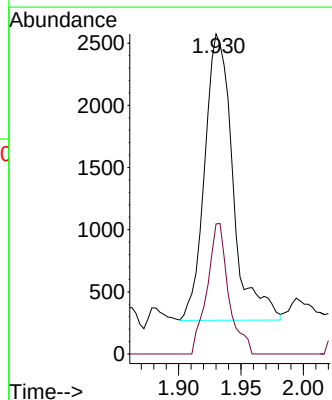
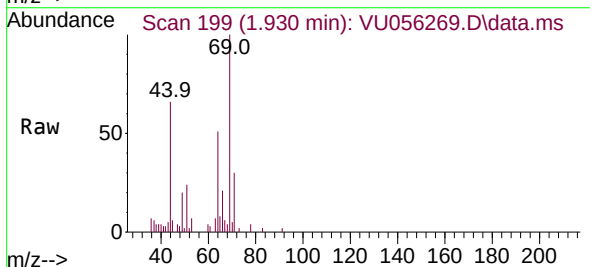
Instrument :
MSVOA_U
ClientSampleId :

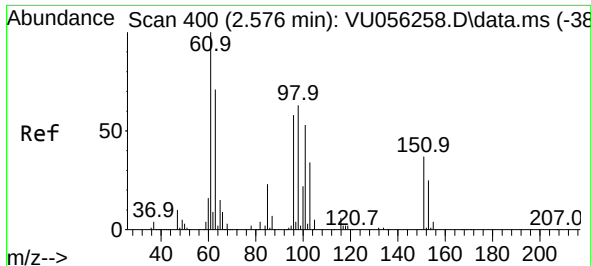
Tgt Ion: 50 Resp: 7282
Ion Ratio Lower Upper
50 100
52 33.0 24.3 45.1



#8
Chloroethane
Concen: 0.244 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Tgt Ion: 64 Resp: 3633
Ion Ratio Lower Upper
64 100
66 40.7 23.9 44.5

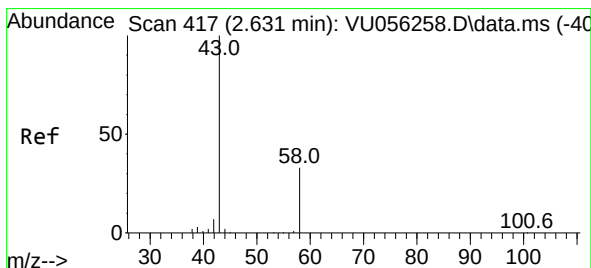
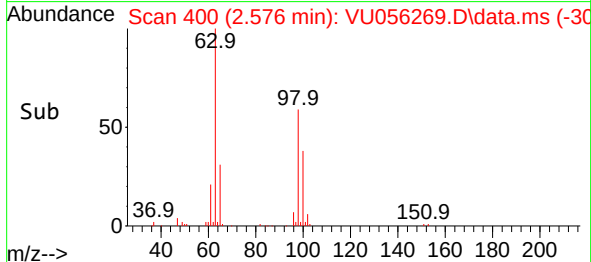
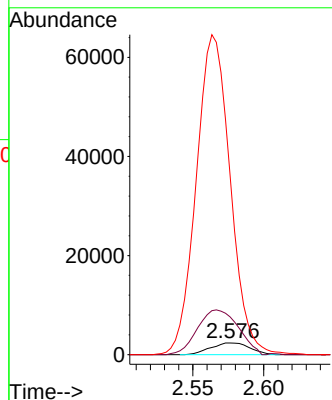
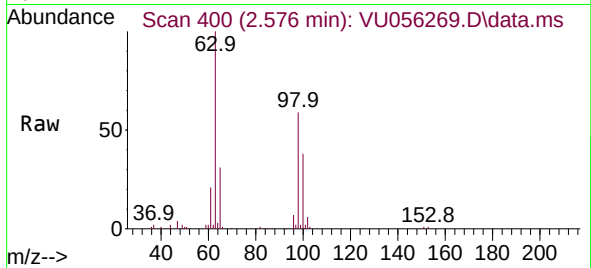




#12
1,1-Dichloroethene
Concen: 0.239 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

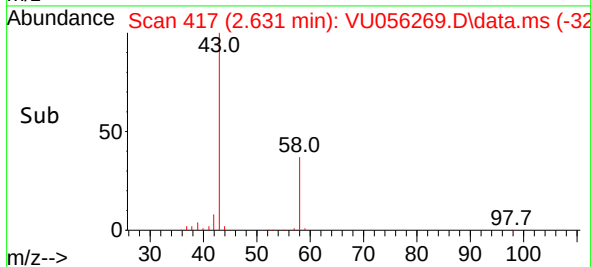
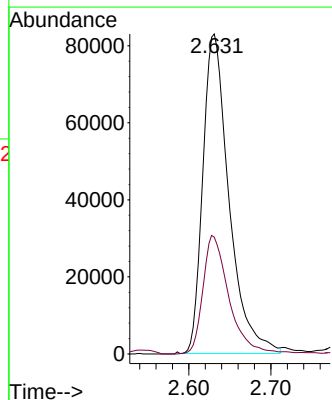
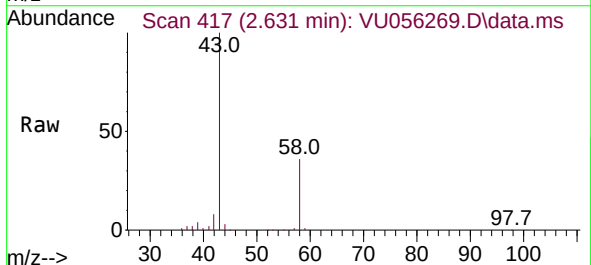
Instrument :
MSVOA_U
ClientSampleId :

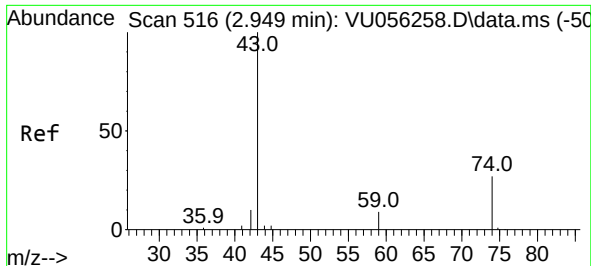
Tgt Ion: 96 Resp: 4562
Ion Ratio Lower Upper
96 100
61 322.3 123.1 228.7#
63 1524.1 93.3 173.3#



#13
Acetone
Concen: 46.476 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Tgt Ion: 43 Resp: 184214
Ion Ratio Lower Upper
43 100
58 36.6 0.0 70.0

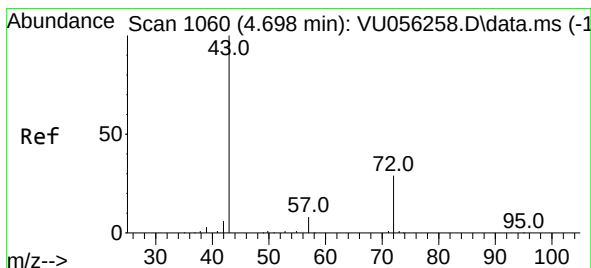
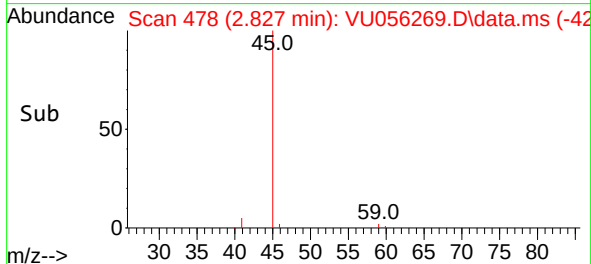
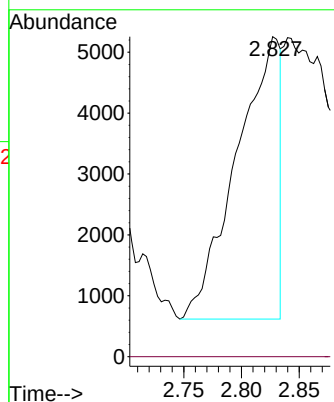
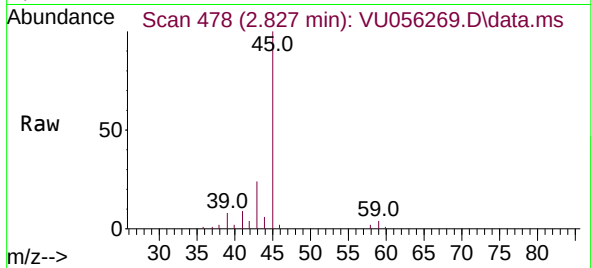




#15
Methyl Acetate
Concen: 1.718 ug/L
RT: 2.827 min Scan# 41
Delta R.T. -0.122 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

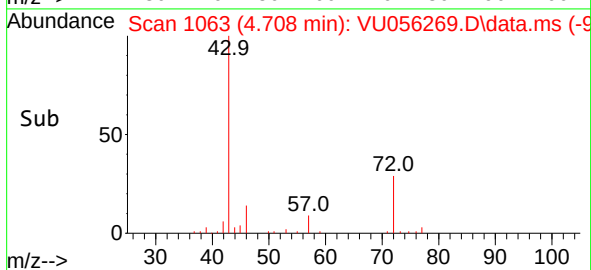
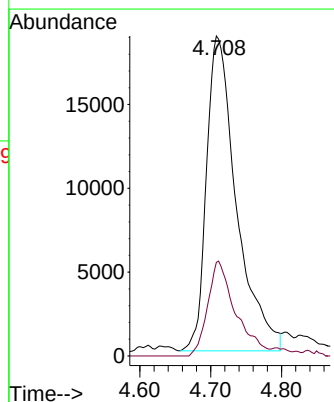
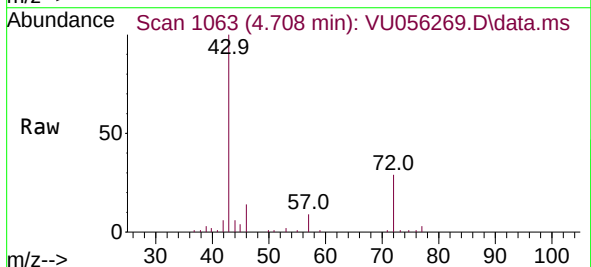
Instrument :
MSVOA_U
ClientSampleId :

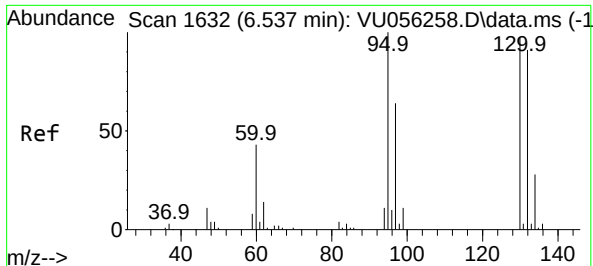
Tgt Ion: 43 Resp: 12116
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#21
2-Butanone
Concen: 10.745 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Tgt Ion: 43 Resp: 55262
Ion Ratio Lower Upper
43 100
72 28.0 14.2 42.6



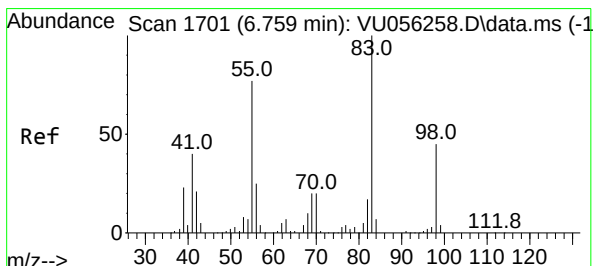
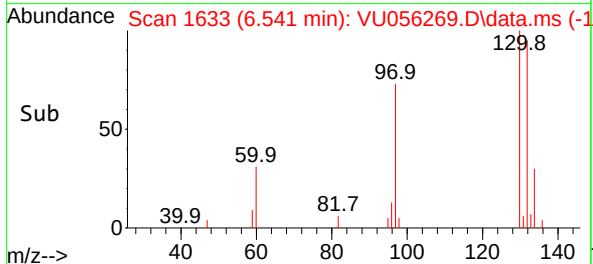
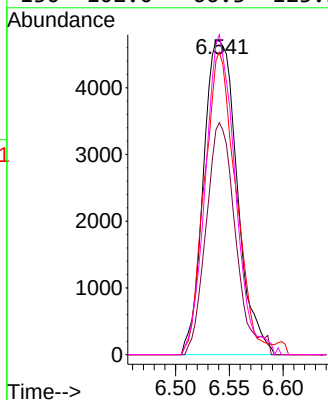
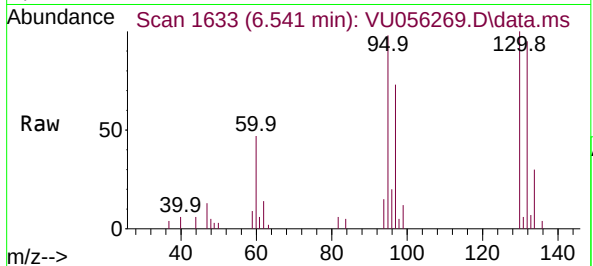


#34
Trichloroethene
Concen: 0.433 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 10241

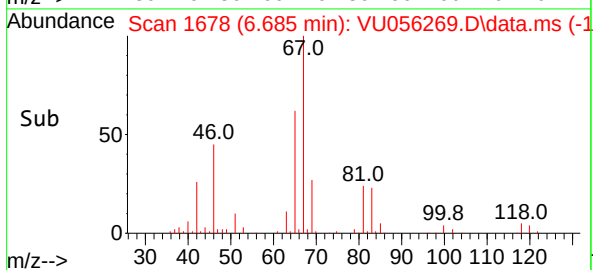
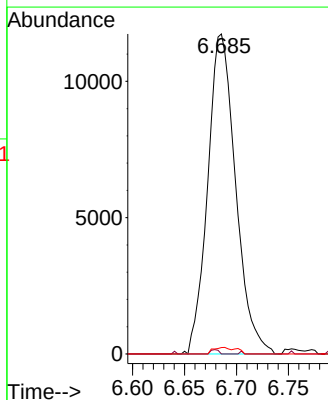
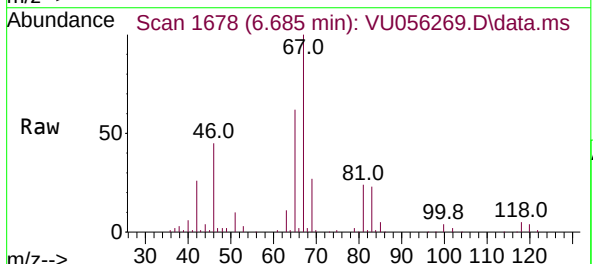
Ion	Ratio	Lower	Upper
95	100		
97	73.9	46.5	86.3
132	96.4	62.0	115.2
130	102.0	66.3	123.1

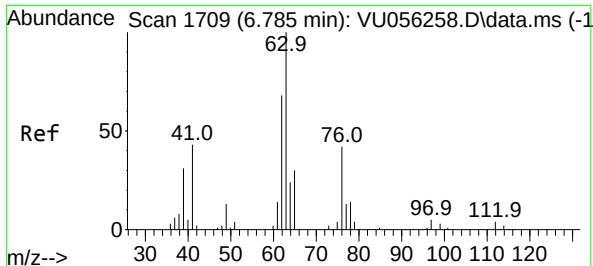


#35
Methylcyclohexane
Concen: 0.644 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Tgt Ion: 83 Resp: 21954

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.9	94.3#
98	1.2	35.3	52.9#

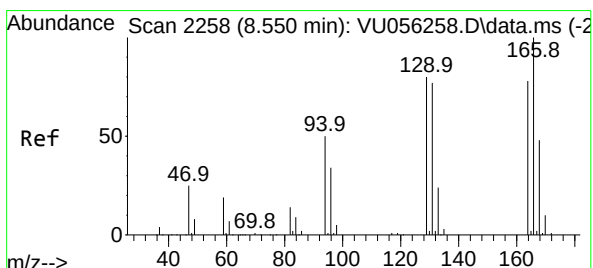
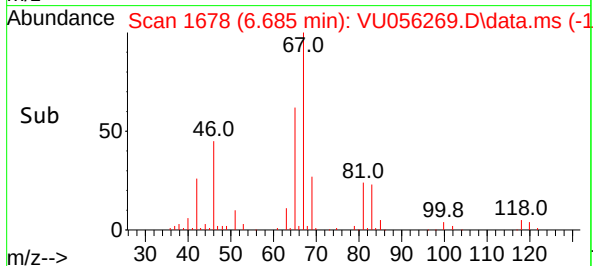
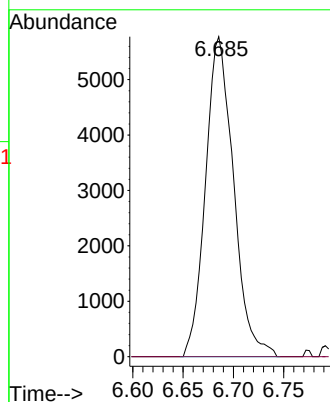
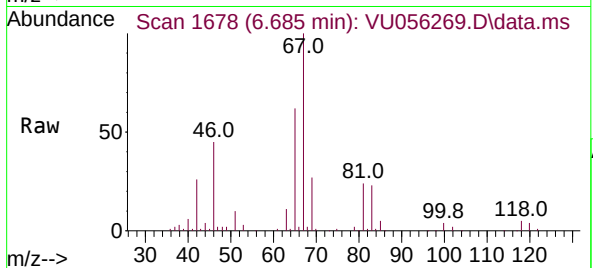




#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

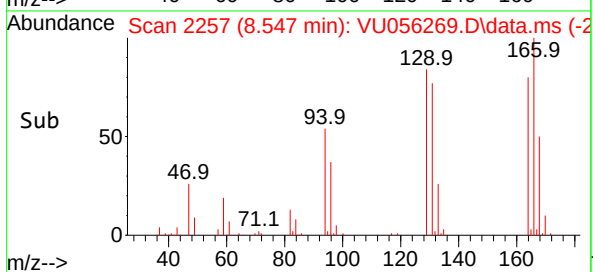
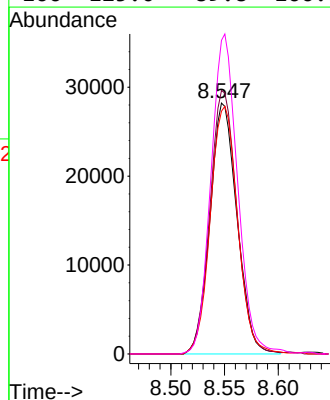
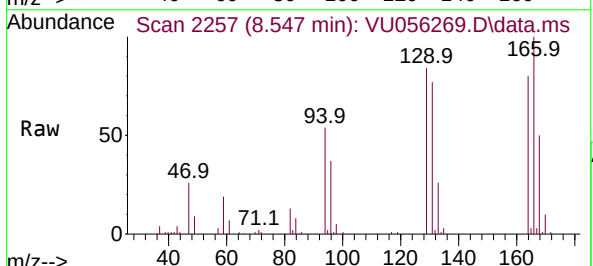
Instrument :
MSVOA_U
ClientSampleId :

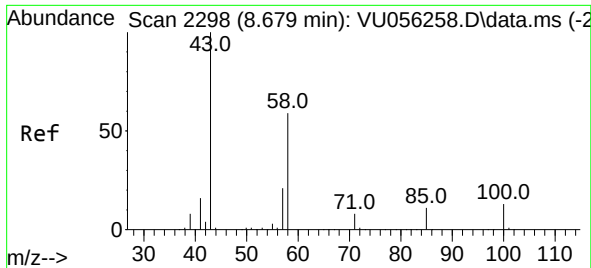
Tgt Ion: 63 Resp: 11198
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 3.098 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

Tgt Ion: 164 Resp: 49365
Ion Ratio Lower Upper
164 100
129 105.0 71.0 131.9
131 96.7 70.3 130.7
166 125.0 89.8 166.8

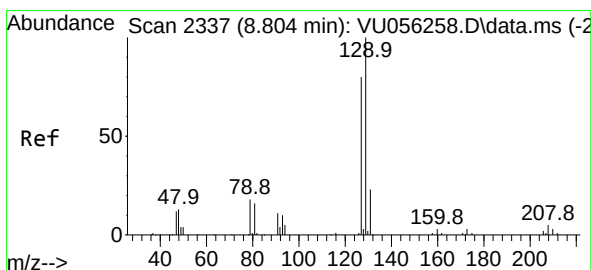
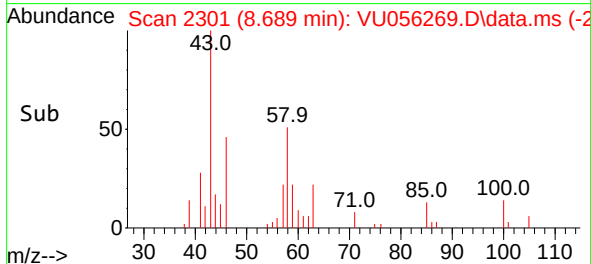
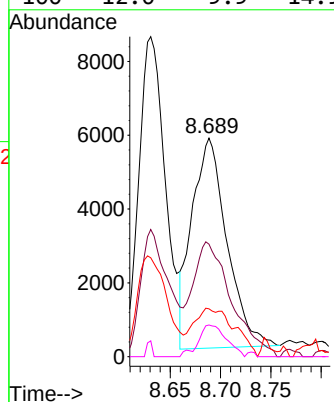
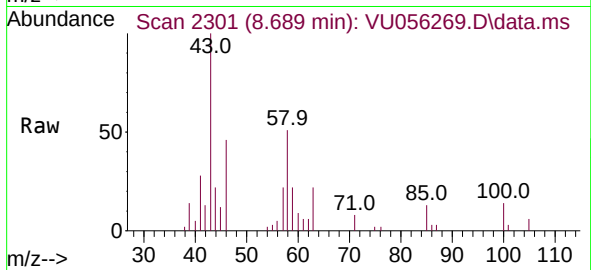




#48
2-Hexanone
Concen: 1.582 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

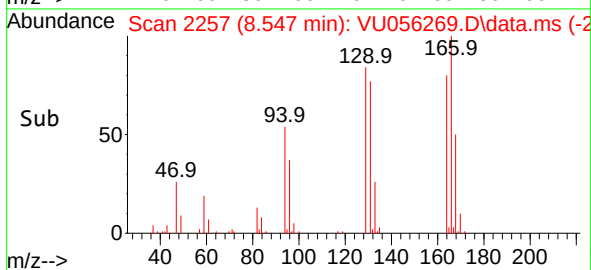
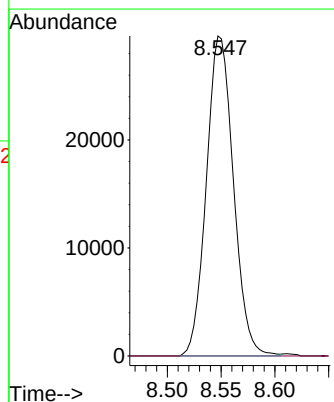
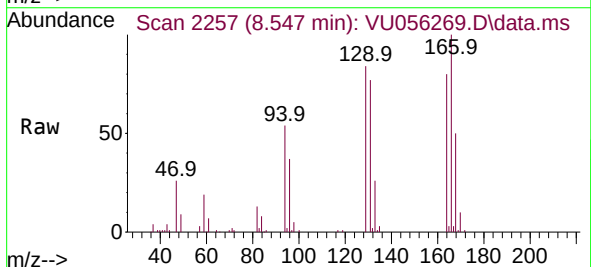
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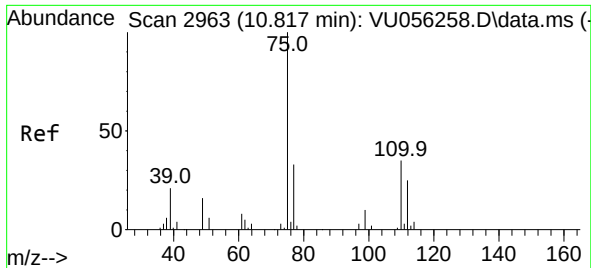
Tgt Ion: 43	Resp: 13814
Ion Ratio	Lower Upper
43 100	
58 60.0	48.7 73.1
57 27.3	16.8 25.2#
100 12.0	9.9 14.9



#49
Dibromochloromethane
Concen: 3.029 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056269.D
Acq: 13 Nov 2023 22:31

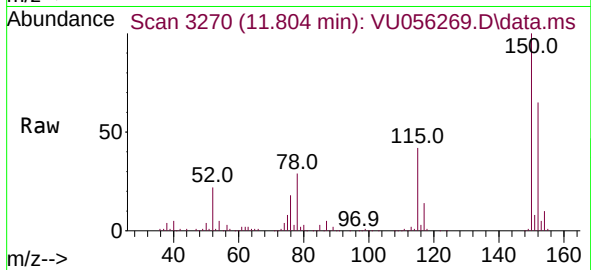
Tgt Ion:129	Resp: 51890		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	52.9	98.3#	





#61
 1,2,3-Trichloropropane
 Concen: 1.513 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056269.D
 Acq: 13 Nov 2023 22:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17952
 Ion Ratio Lower Upper
 75 100
 110 2.4 30.4 45.6#
 77 31.6 27.0 40.6

