

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056265.D
 Acq On : 13 Nov 2023 20:54
 Operator : MD/SY
 Sample : 05340-15RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:45:04 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)

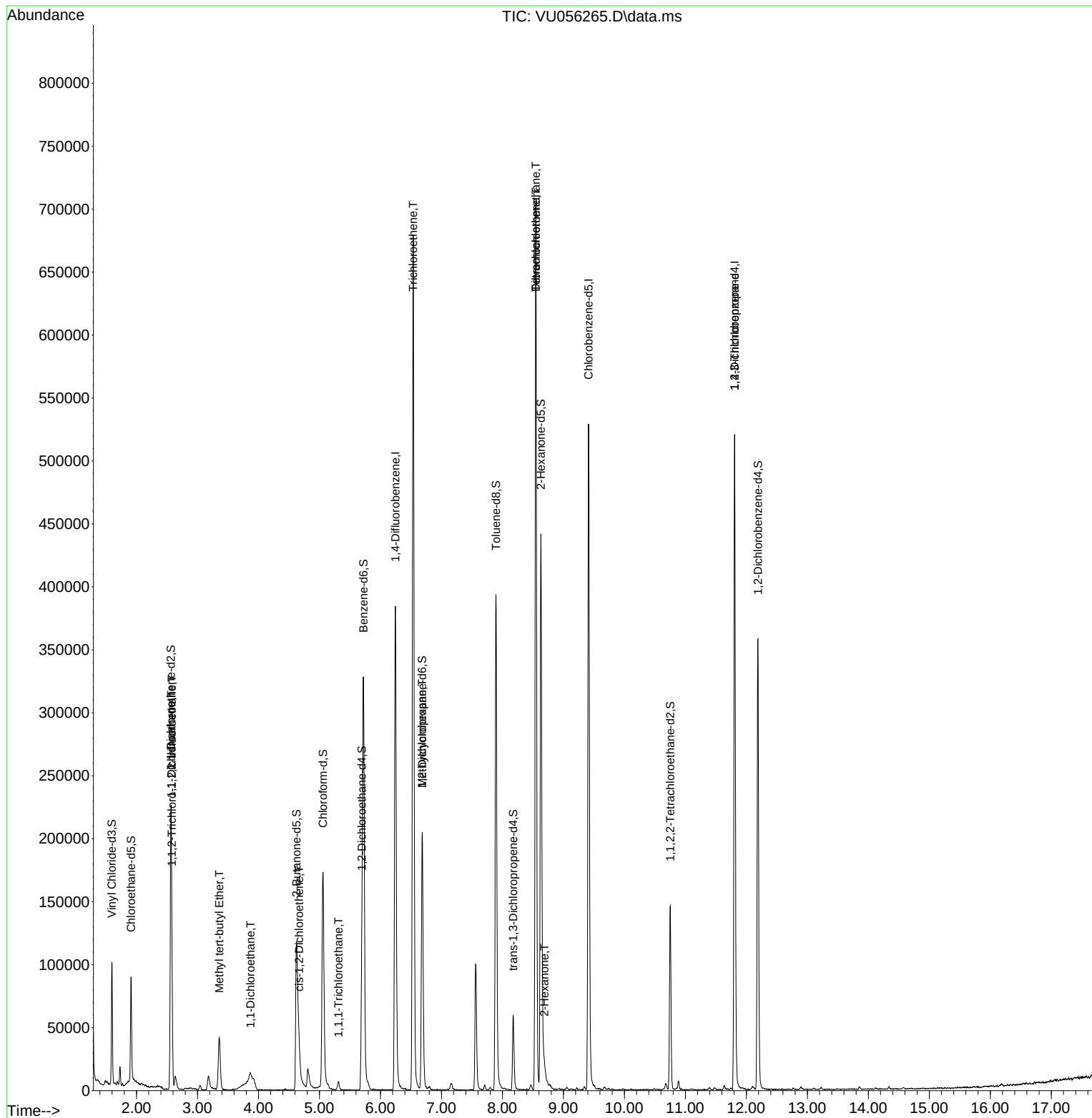
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	319363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	312999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71141	2.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.911	69	60480	3.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.563	65	34809	3.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.624	46	193732	40.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.340%
24) Chloroform-d	5.058	84	165932	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.695	65	82015	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.721	84	316948	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.000%#
36) 1,2-Dichloropropane-d6	6.685	67	102021	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	275567	3.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	36365	3.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.631	63	158232	37.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	77014	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	93532	3.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	13281	0.623	ug/L	93
12) 1,1-Dichloroethene	2.573	96	16661	0.852	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	48525	1.022	ug/L	98
19) 1,1-Dichloroethane	3.869	63	6358	0.160	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	8534	0.374	ug/L	91
29) 1,1,1-Trichloroethane	5.312	97	4974	0.138	ug/L	96
34) Trichloroethene	6.537	95	242394	9.961	ug/L	97
35) Methylcyclohexane	6.685	83	23843	0.679	ug/L #	19
47) Tetrachloroethene	8.547	164	148665	9.060	ug/L	98
48) 2-Hexanone	8.688	43	9289	1.033	ug/L #	43
49) Dibromochloromethane	8.547	129	153679	8.713	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	17333	1.462	ug/L #	66

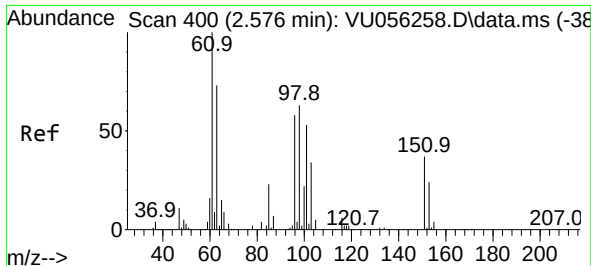
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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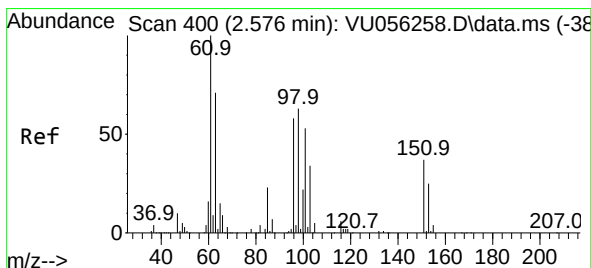
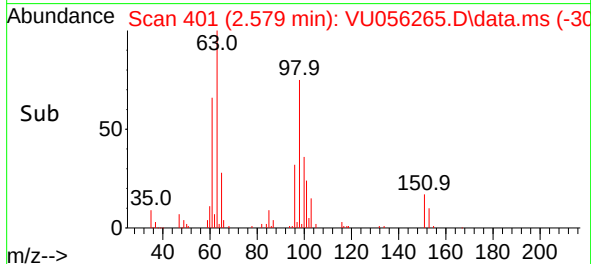
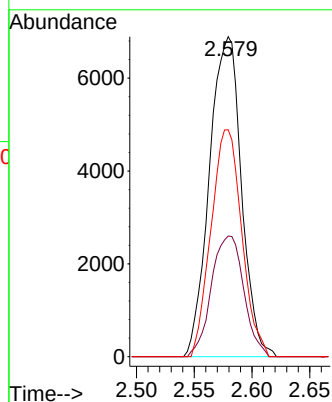
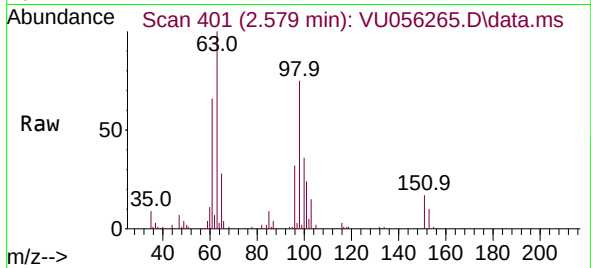




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.623 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

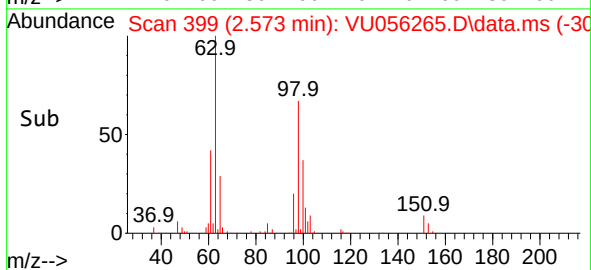
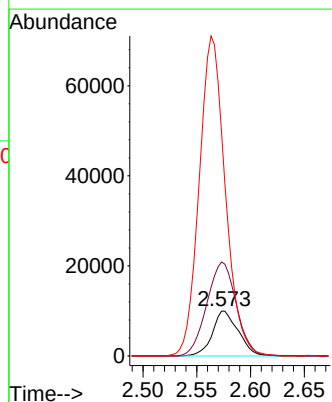
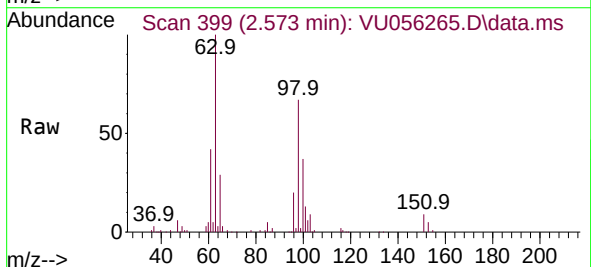
Instrument :
 MSVOA_U
 ClientSampleId :

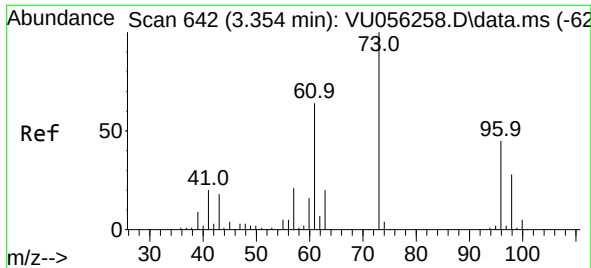
Tgt Ion:101 Resp: 13281
 Ion Ratio Lower Upper
 101 100
 85 38.1 35.4 53.0
 151 68.1 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 0.852 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

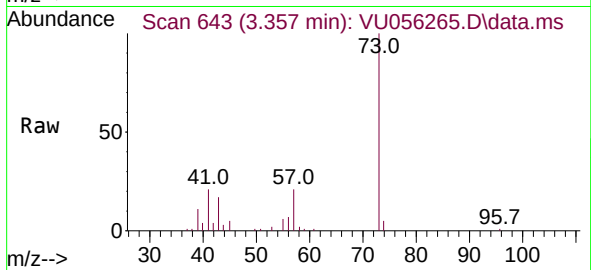
Tgt Ion: 96 Resp: 16661
 Ion Ratio Lower Upper
 96 100
 61 209.4 123.1 228.7
 63 500.7 93.3 173.3#



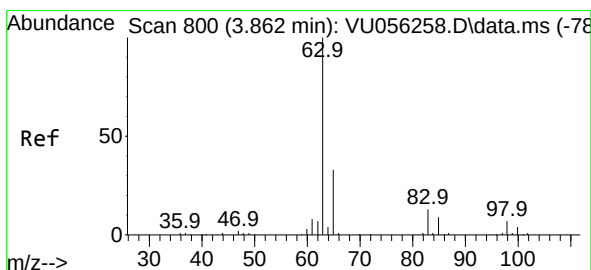
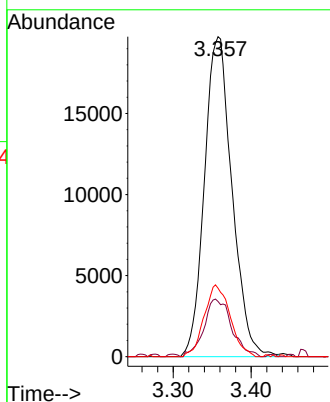
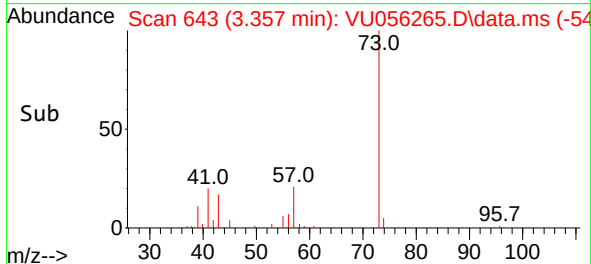


#17
Methyl tert-butyl Ether
Concen: 1.022 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

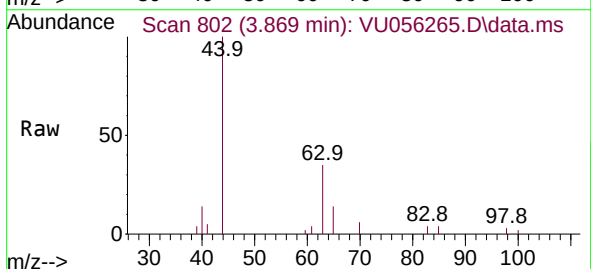
Instrument :
MSVOA_U
ClientSampleId :



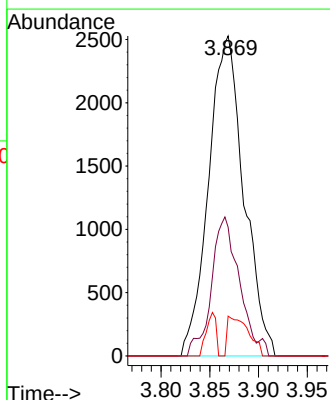
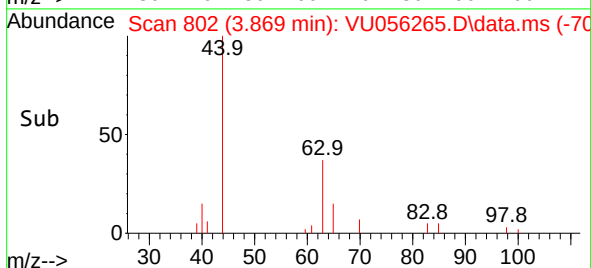
Tgt Ion: 73 Resp: 48525
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7
57 21.2 17.8 26.8

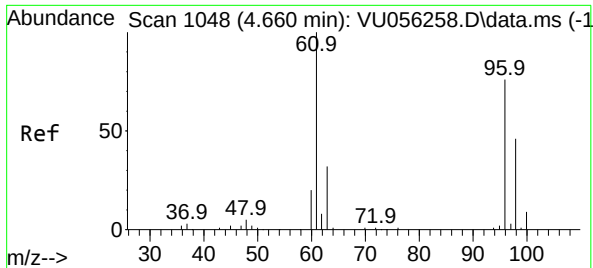


#19
1,1-Dichloroethane
Concen: 0.160 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54



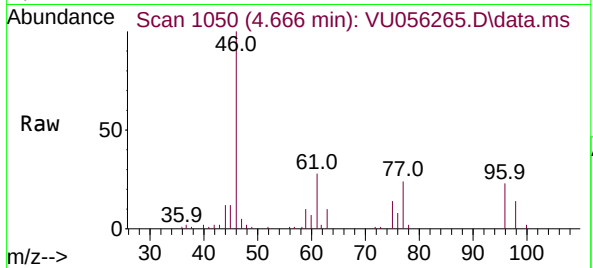
Tgt Ion: 63 Resp: 6358
Ion Ratio Lower Upper
63 100
65 40.2 21.8 40.6
83 12.5 9.7 17.9





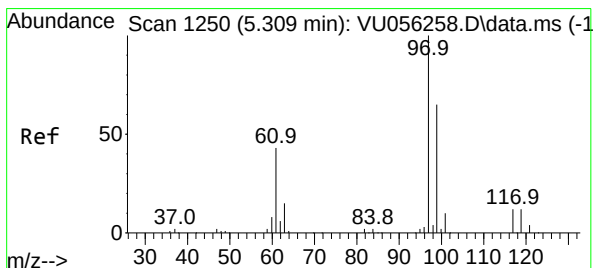
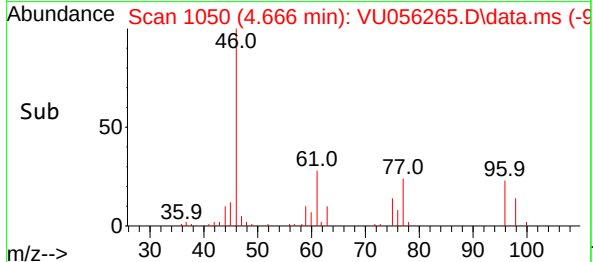
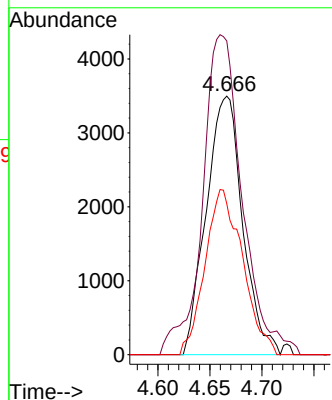
#22
 cis-1,2-Dichloroethene
 Concen: 0.374 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 8534

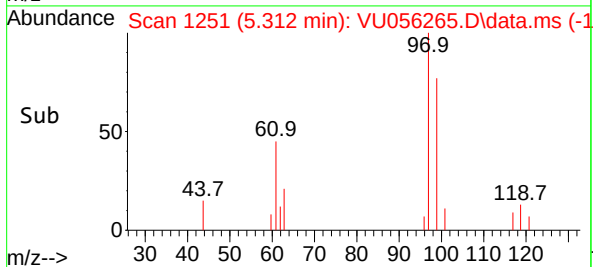
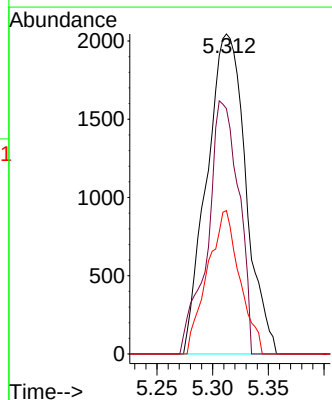
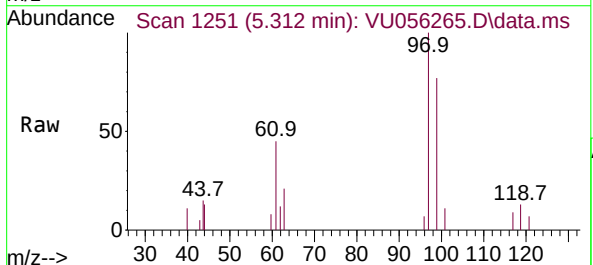
Ion	Ratio	Lower	Upper
96	100		
61	121.4	93.2	173.2
98	58.4	44.8	83.2

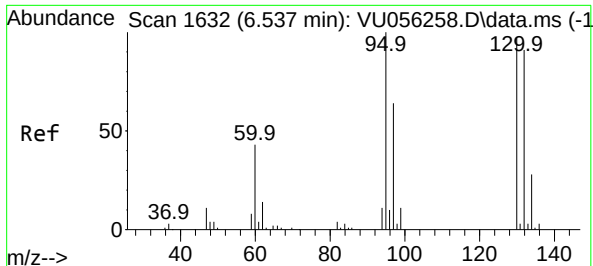


#29
 1,1,1-Trichloroethane
 Concen: 0.138 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. 0.003 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

Tgt Ion: 97 Resp: 4974

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	37.2	34.3	51.5



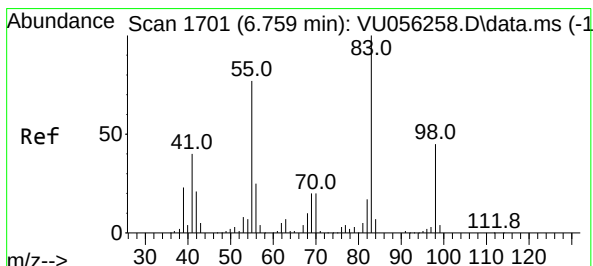
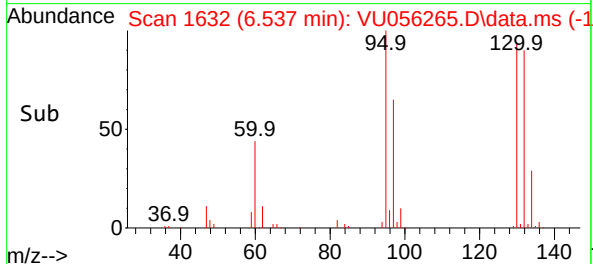
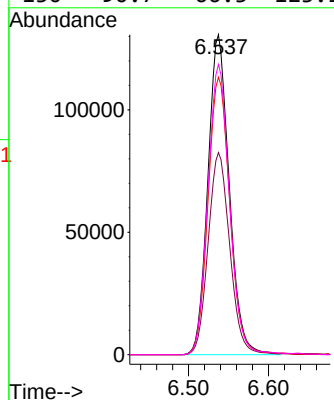
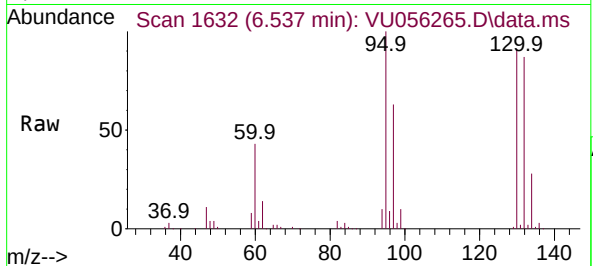


#34
Trichloroethene
Concen: 9.961 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 242394

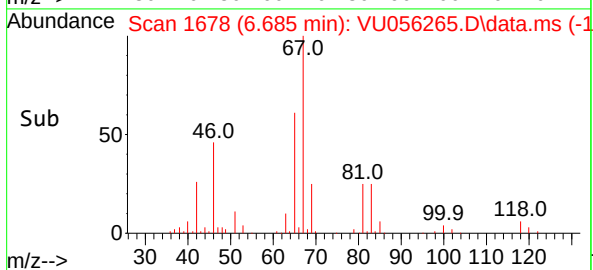
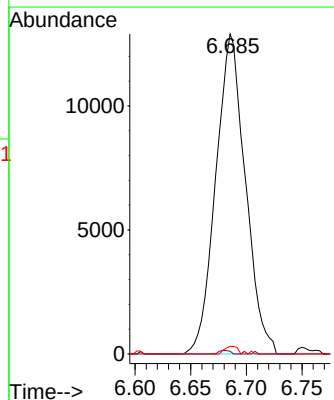
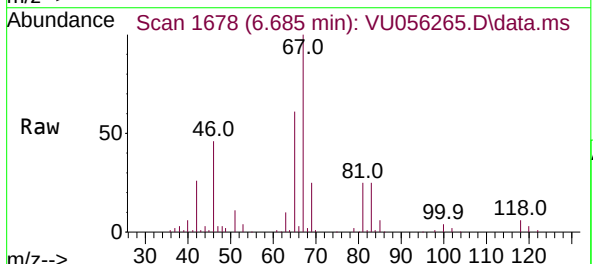
Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.5	86.3
132	86.7	62.0	115.2
130	90.7	66.3	123.1

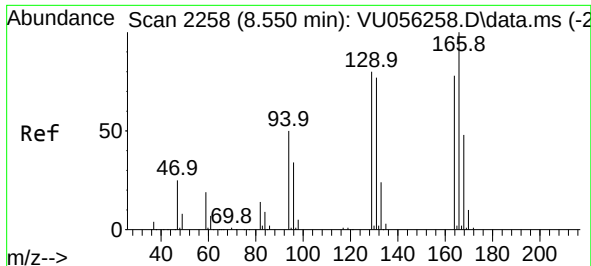


#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Tgt Ion: 83 Resp: 23843

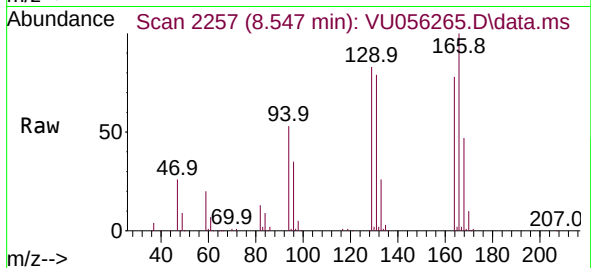
Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.9	94.3#
98	1.0	35.3	52.9#



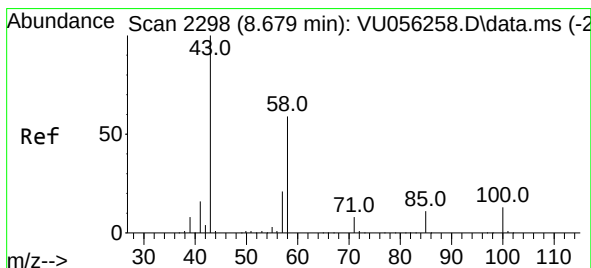
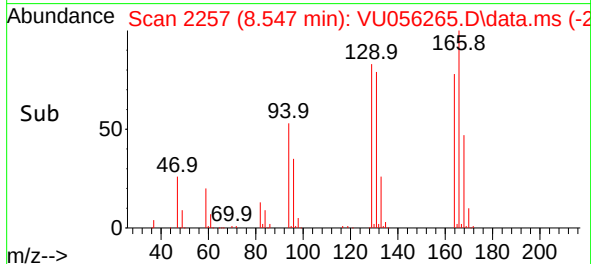
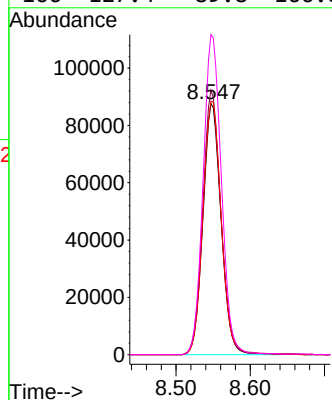


#47
Tetrachloroethene
Concen: 9.060 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Instrument :
MSVOA_U
ClientSampleId :

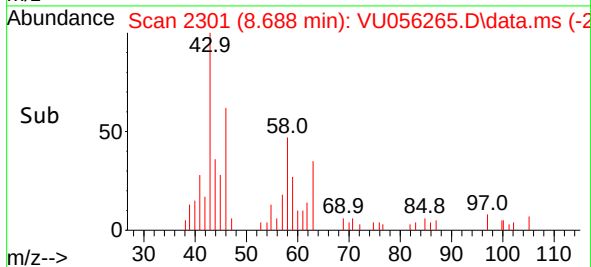
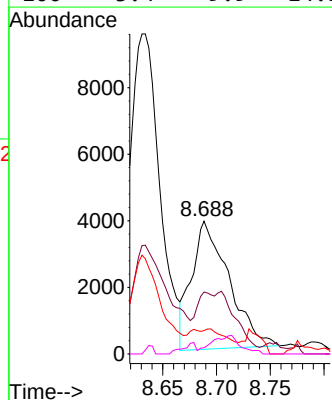
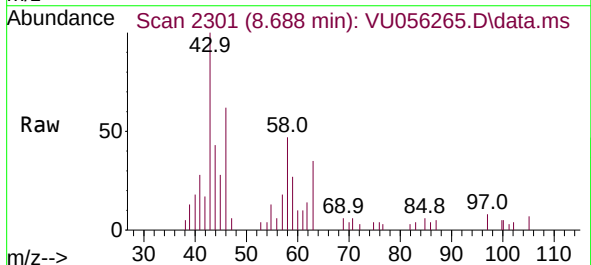


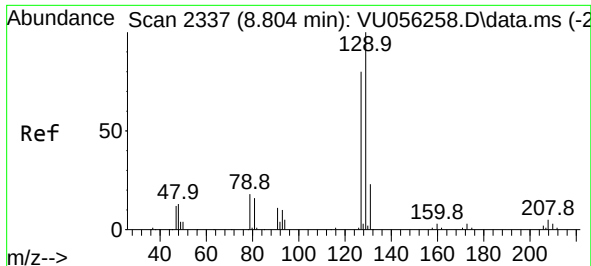
Tgt Ion:164 Resp: 148665
Ion Ratio Lower Upper
164 100
129 105.2 71.0 131.9
131 101.0 70.3 130.7
166 127.4 89.8 166.8



#48
2-Hexanone
Concen: 1.033 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Tgt Ion: 43 Resp: 9289
Ion Ratio Lower Upper
43 100
58 9.2 48.7 73.1#
57 0.0 16.8 25.2#
100 3.4 9.9 14.9#

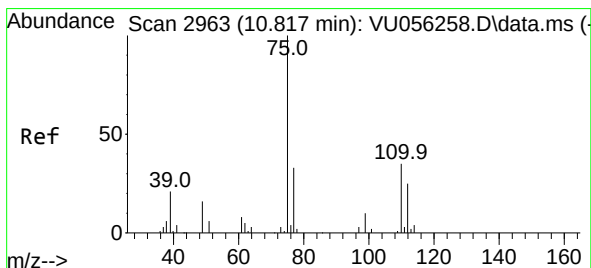
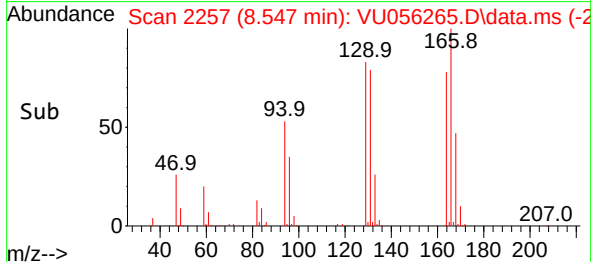
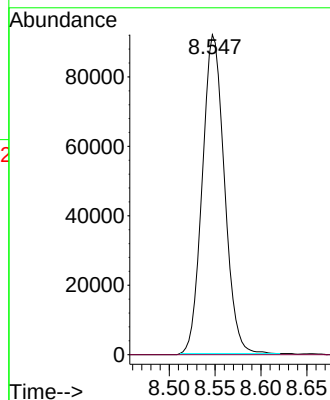
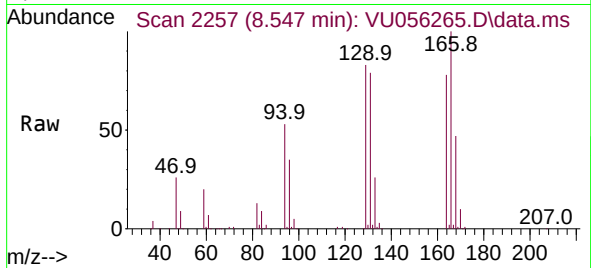




#49
Dibromochloromethane
Concen: 8.713 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 153679
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Tgt Ion: 75 Resp: 17333
Ion Ratio Lower Upper
75 100
110 0.9 30.4 45.6#
77 32.3 27.0 40.6

