

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044501.D
 Acq On : 23 Aug 2021 14:40
 Operator : SY/MD
 Sample : M3515-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4560

Quant Time: Aug 24 03:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

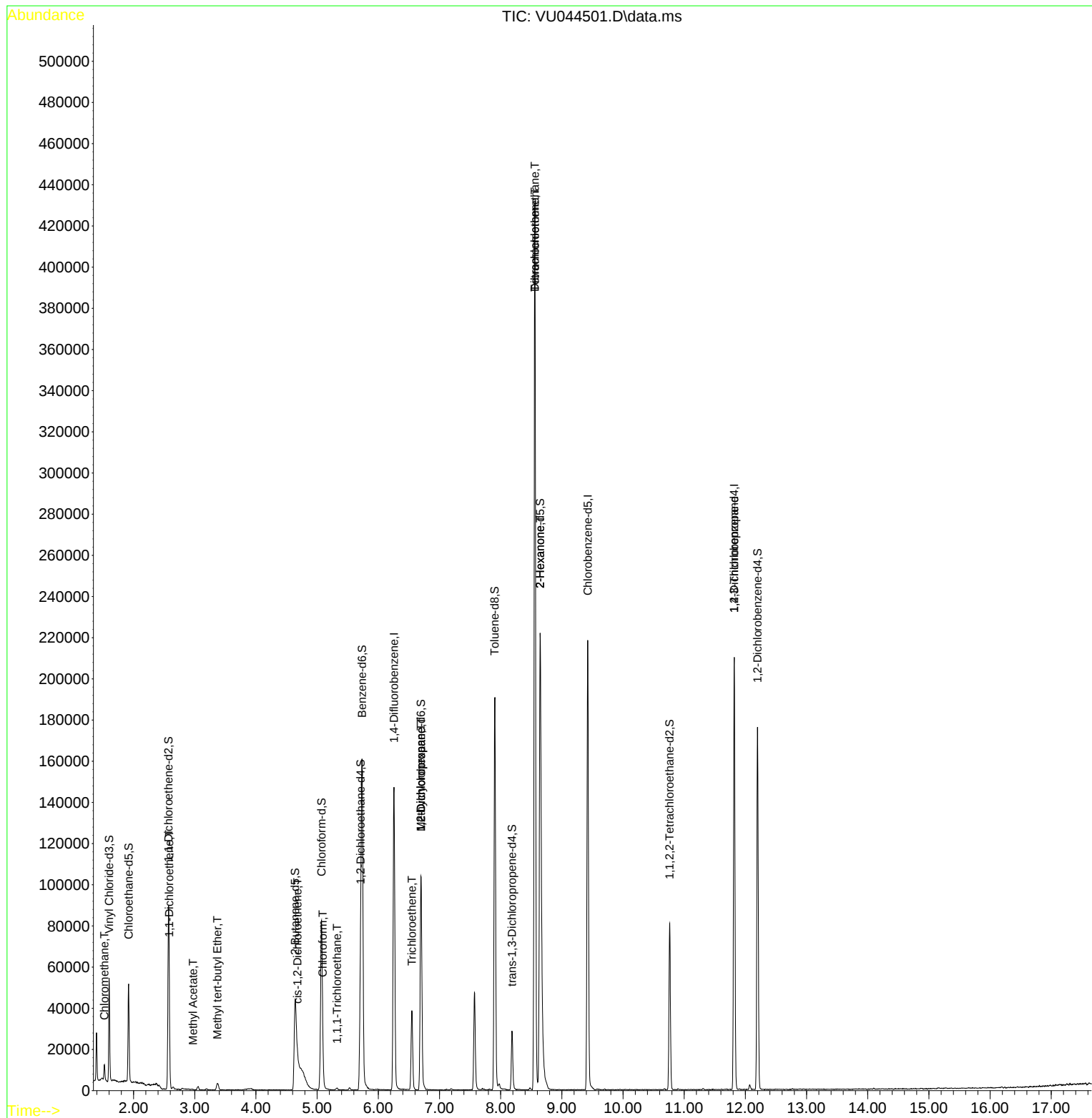
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	116957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	117932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35468	3.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.919	69	34663	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.571	65	17055	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.642	46	97210	37.159	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.320%
24) Chloroform-d	5.073	84	74682	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.710	65	41936	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.735	84	151777	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.697	67	50196	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.902	98	126624	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.645	63	104264	50.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42156	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	44057	4.925	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	5171	0.328	ug/L	100
12) 1,1-Dichloroethene	2.584	96	1336	0.149	ug/L #	1
15) Methyl Acetate	2.973	43	305	0.086	ug/L #	52
17) Methyl tert-butyl Ether	3.369	73	1730	0.074	ug/L #	67
22) cis-1,2-Dichloroethene	4.678	96	1289	0.129	ug/L	84
25) Chloroform	5.092	83	3432	0.184	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	848	0.057	ug/L #	71
34) Trichloroethene	6.549	95	13107	1.325	ug/L	97
35) Methylcyclohexane	6.697	83	11524	0.698	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	5535	0.528	ug/L #	88
47) Tetrachloroethene	8.558	164	89816	13.131	ug/L	99
48) 2-Hexanone	8.645	43	14338	2.825	ug/L #	66
49) Dibromochloromethane	8.558	129	88587	11.205	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	7211	1.090	ug/L #	69

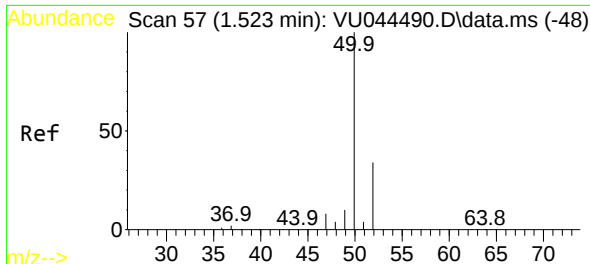
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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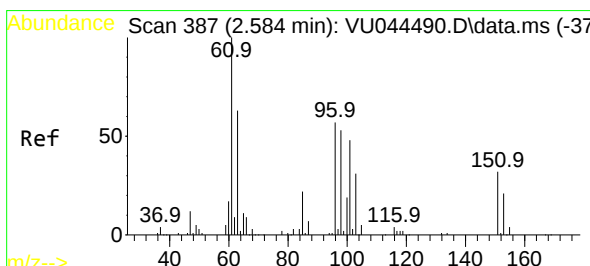
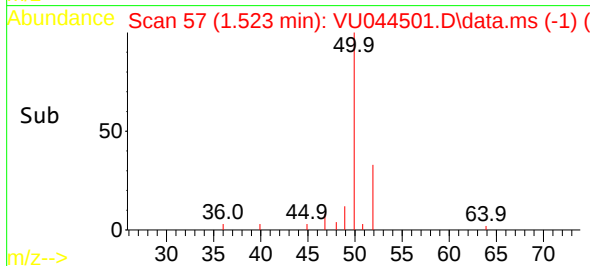
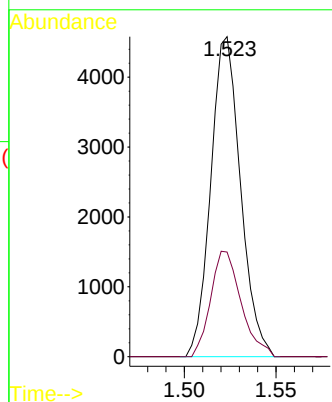
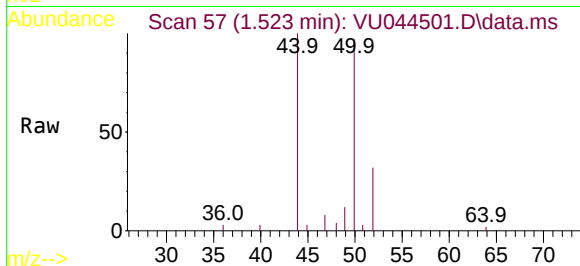




#3
Chloromethane
Concen: 0.328 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

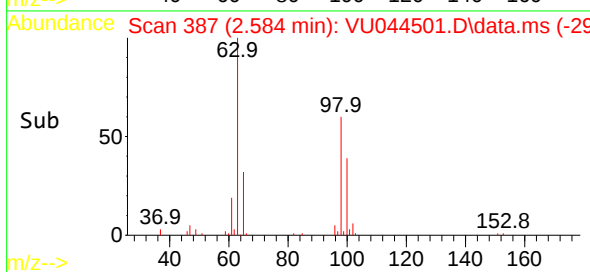
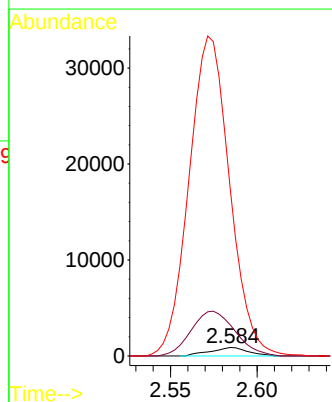
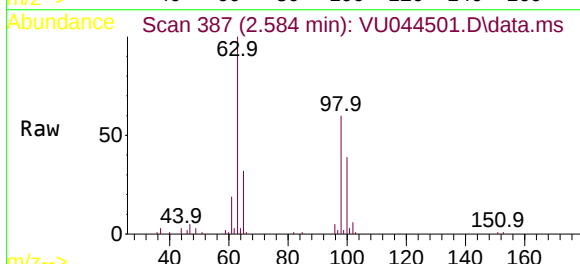
Instrument :
MSVOA_U
ClientSampled :
H4560

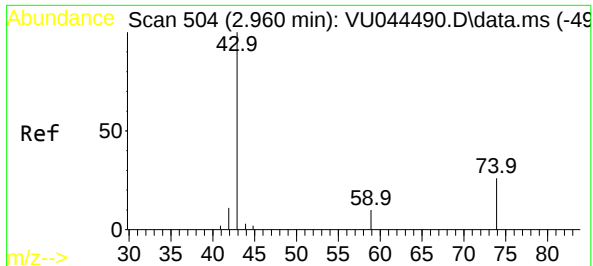
Tgt Ion: 50 Resp: 5171
Ion Ratio Lower Upper
50 100
52 32.7 22.8 42.4



#12
1,1-Dichloroethene
Concen: 0.149 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 96 Resp: 1336
Ion Ratio Lower Upper
96 100
61 368.4 126.1 234.3#
63 1986.9 84.8 157.6#

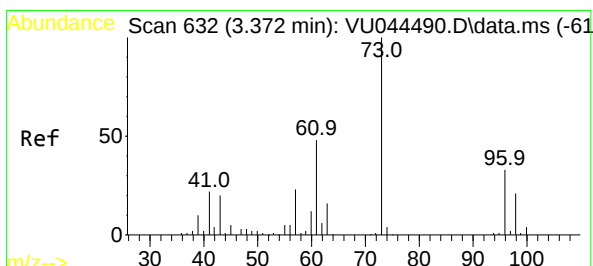
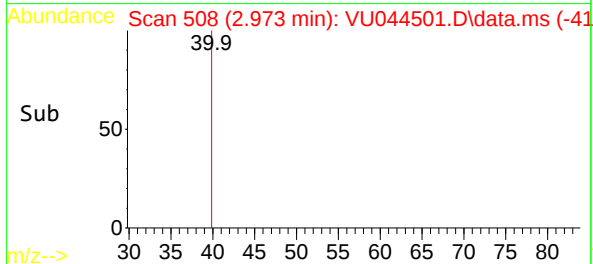
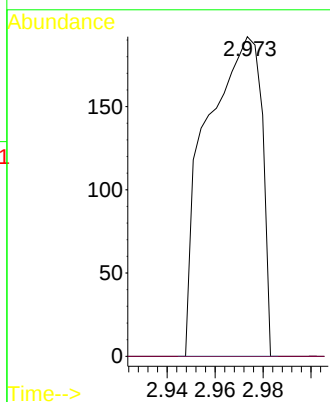
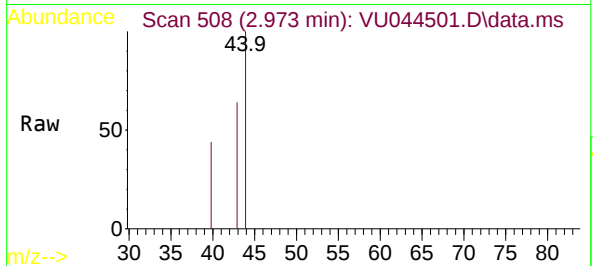




#15
Methyl Acetate
Concen: 0.086 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.013 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

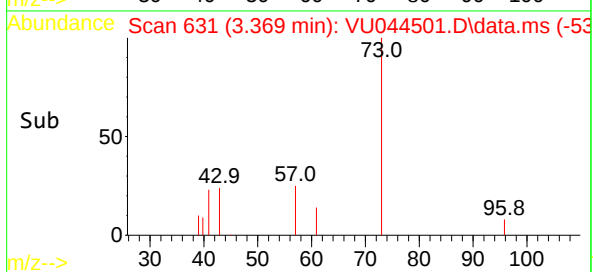
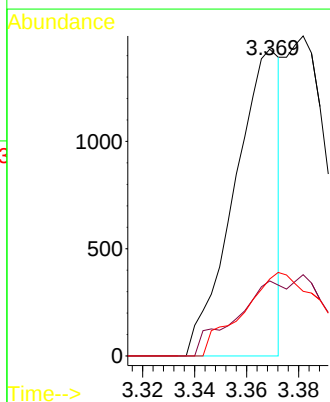
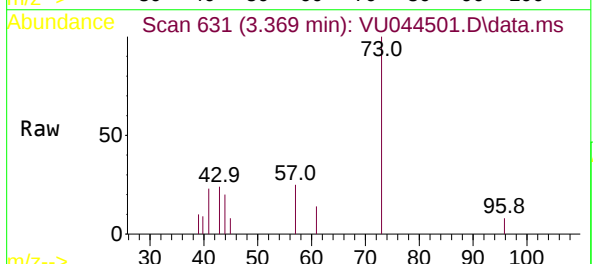
Instrument :
MSVOA_U
ClientSampled :
H4560

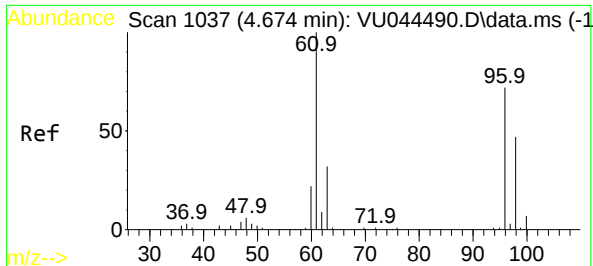
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#17
Methyl tert-butyl Ether
Concen: 0.074 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 73 Resp: 1730
Ion Ratio Lower Upper
73 100
43 27.5 16.2 24.4#
57 45.8 17.8 26.8#



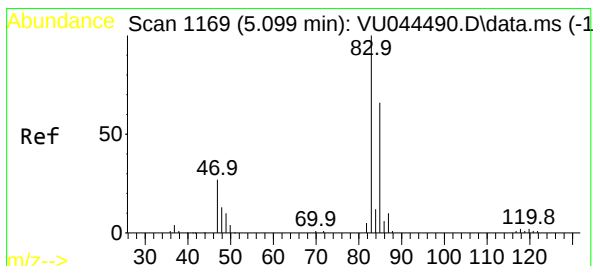
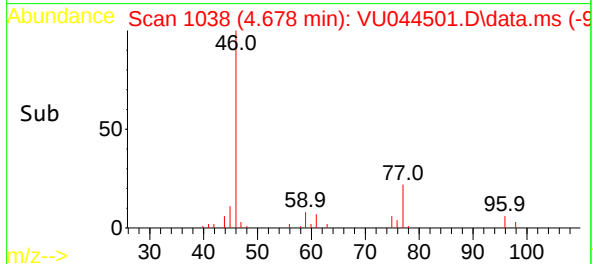
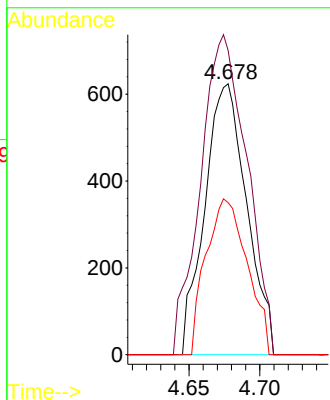
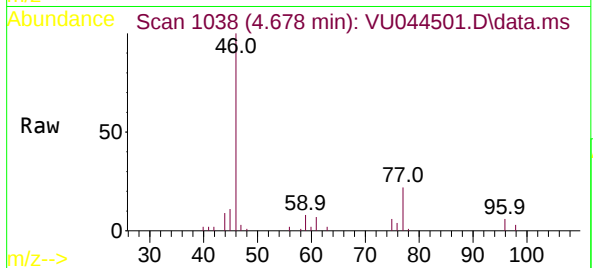


#22

cis-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Instrument :
MSVOA_U
ClientSampled :
H4560

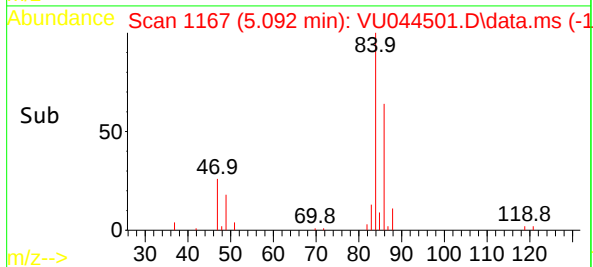
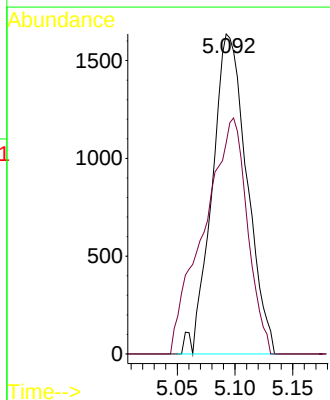
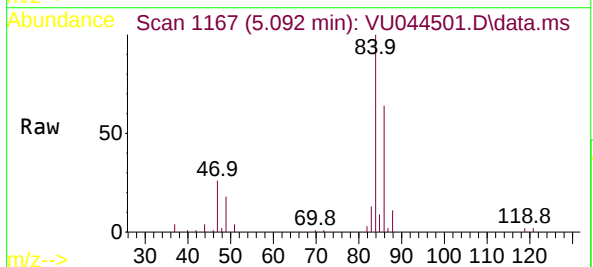
Tgt Ion: 96 Resp: 1289
Ion Ratio Lower Upper
96 100
61 112.3 93.9 174.5
98 56.1 44.7 83.1

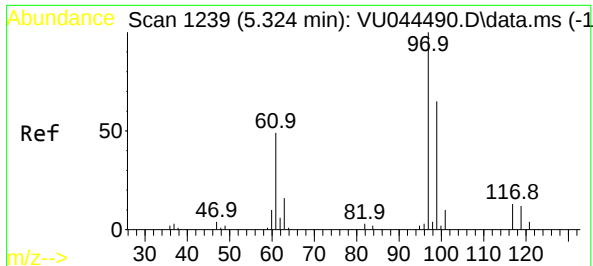


#25

Chloroform
Concen: 0.184 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 83 Resp: 3432
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1



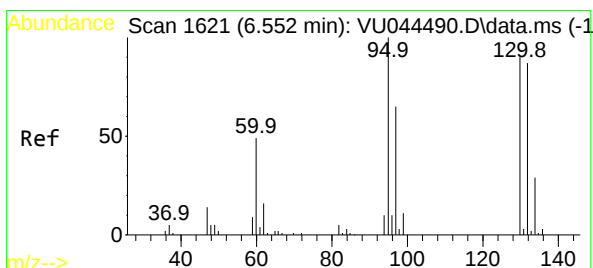
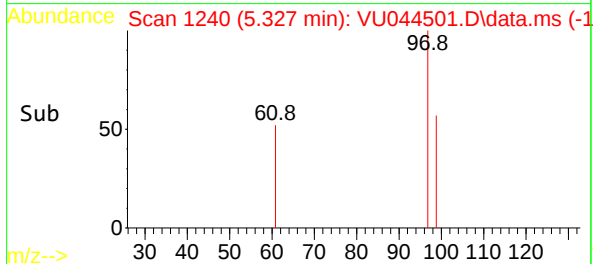
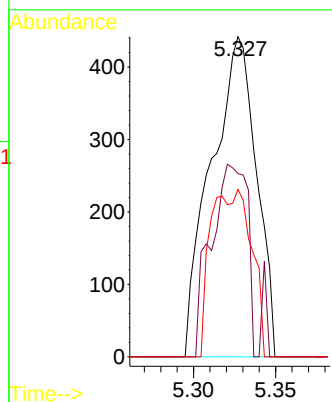
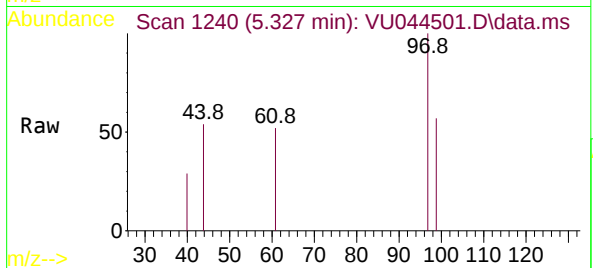


#29

1,1,1-Trichloroethane
Concen: 0.057 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Instrument :
MSVOA_U
ClientSampled :
H4560

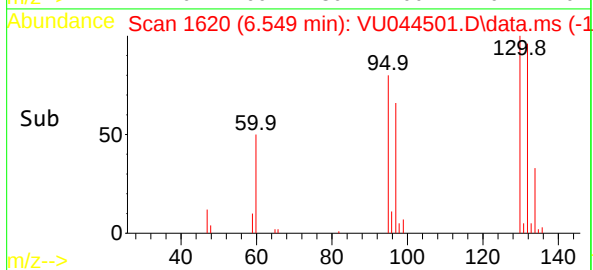
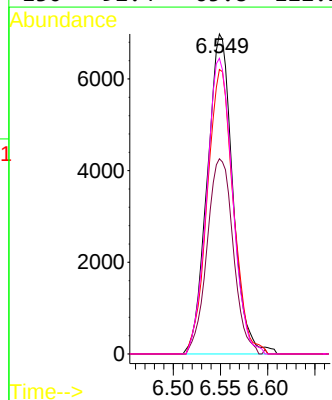
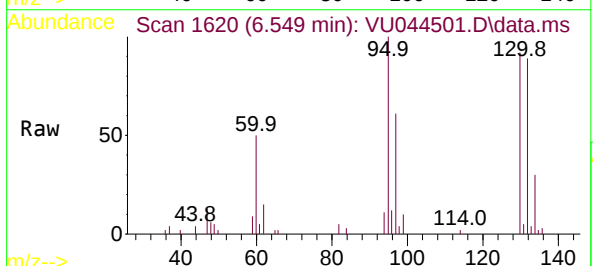
Tgt Ion: 97 Resp: 848
Ion Ratio Lower Upper
97 100
99 48.2 52.5 78.7#
61 22.5 39.2 58.8#

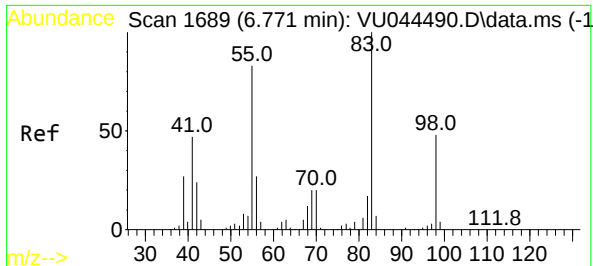


#34

Trichloroethene
Concen: 1.325 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 95 Resp: 13107
Ion Ratio Lower Upper
95 100
97 61.0 45.6 84.8
132 88.9 63.4 117.8
130 92.4 65.8 122.2

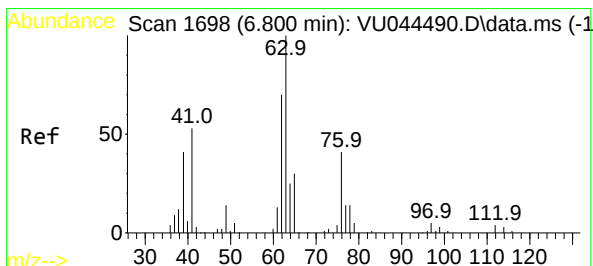
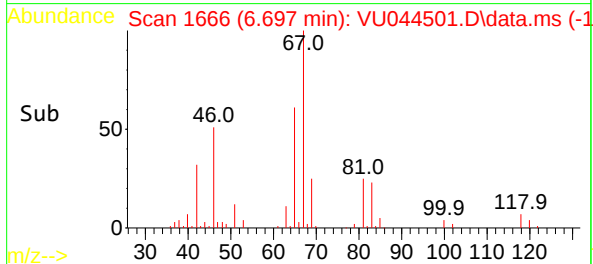
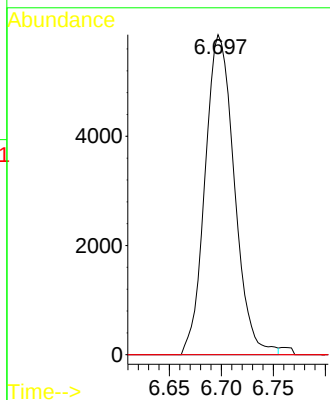
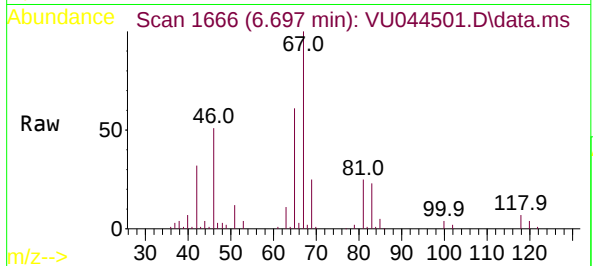




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

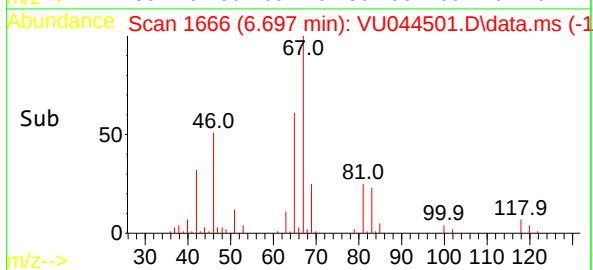
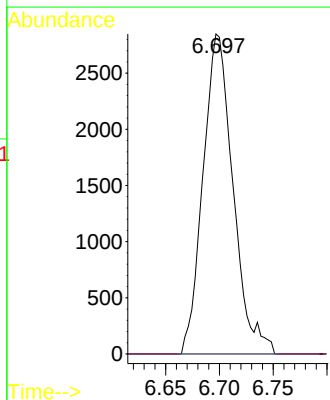
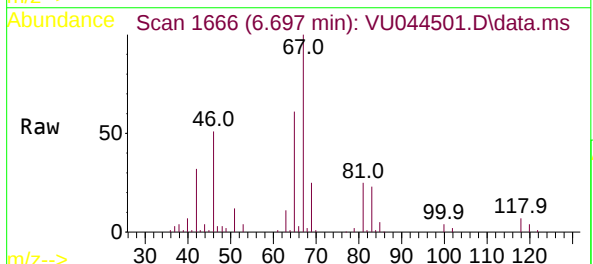
Instrument :
MSVOA_U
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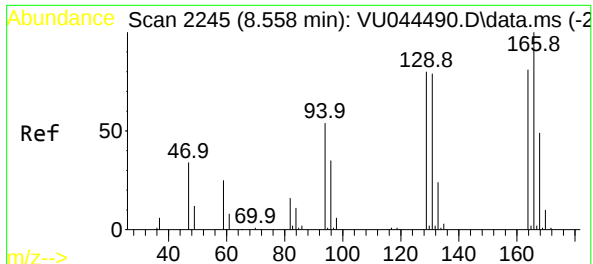
Tgt Ion: 83 Resp: 11524
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 5.5 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 63 Resp: 5535
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



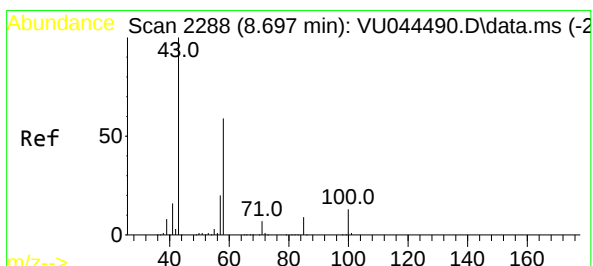
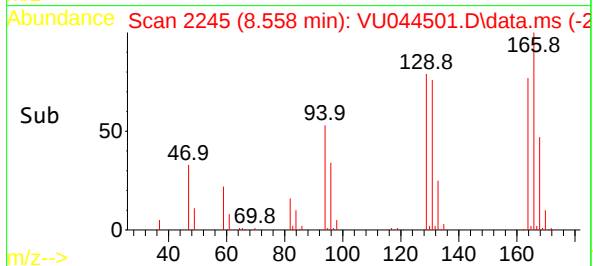
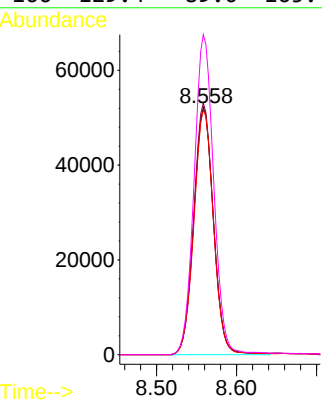
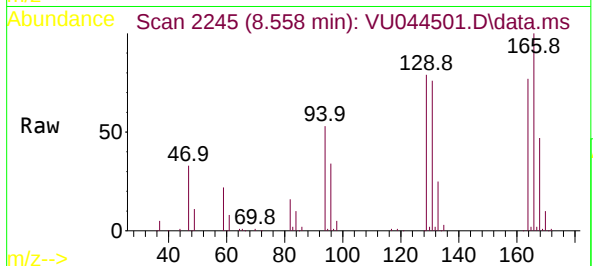


#47
Tetrachloroethene
Concen: 13.131 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Instrument :
MSVOA_U
ClientSampled :
H4560

Tgt Ion:164 Resp: 89816

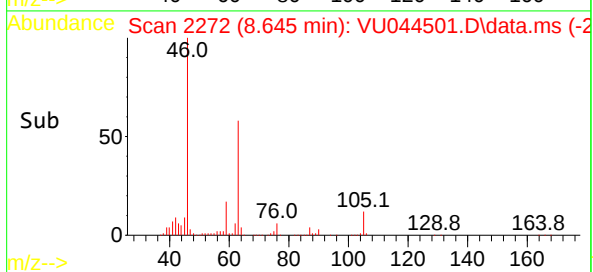
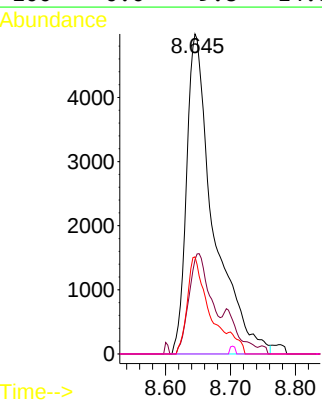
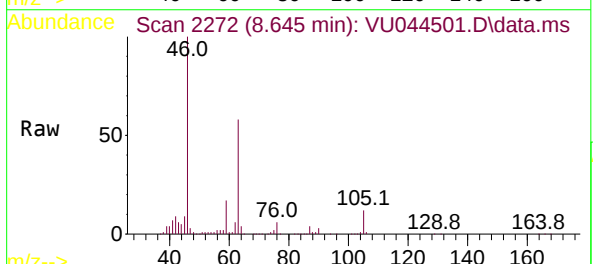
Ion	Ratio	Lower	Upper
164	100		
129	101.8	71.0	131.8
131	99.0	68.0	126.4
166	129.4	89.0	165.4

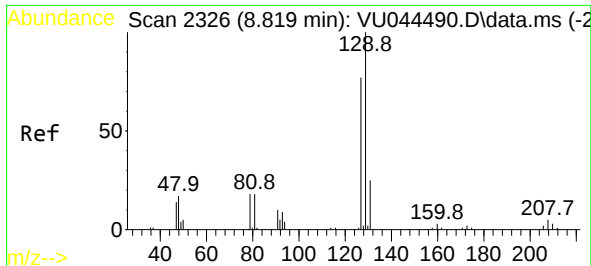


#48
2-Hexanone
Concen: 2.825 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 43 Resp: 14338

Ion	Ratio	Lower	Upper
43	100		
58	25.3	46.5	69.7#
57	23.4	15.8	23.8
100	0.0	9.8	14.8#

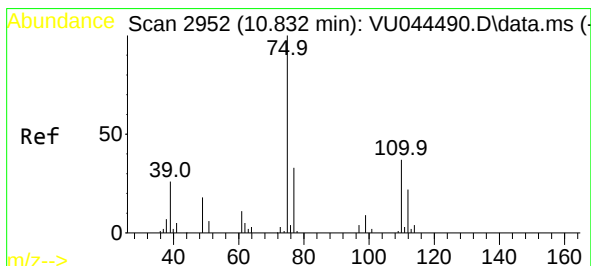
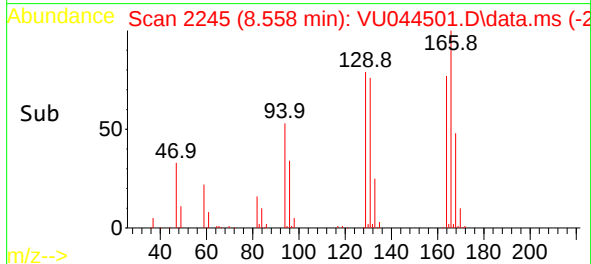
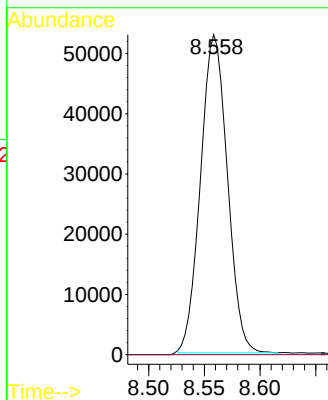
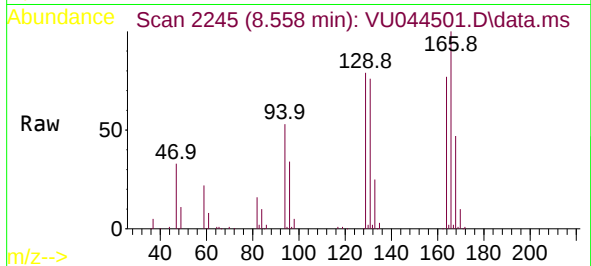




#49
Dibromochloromethane
Concen: 11.205 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Instrument :
MSVOA_U
ClientSampled :
H4560

Tgt Ion:129 Resp: 88587
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 1.090 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 75 Resp: 7211
Ion Ratio Lower Upper
75 100
110 0.6 28.4 42.6#
77 32.9 26.5 39.7

