

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044563.D
 Acq On : 02 Sep 2021 19:25
 Operator : SY/MD
 Sample : M3596-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:46:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 03 02:43:14 2021
 Response via : Initial Calibration

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

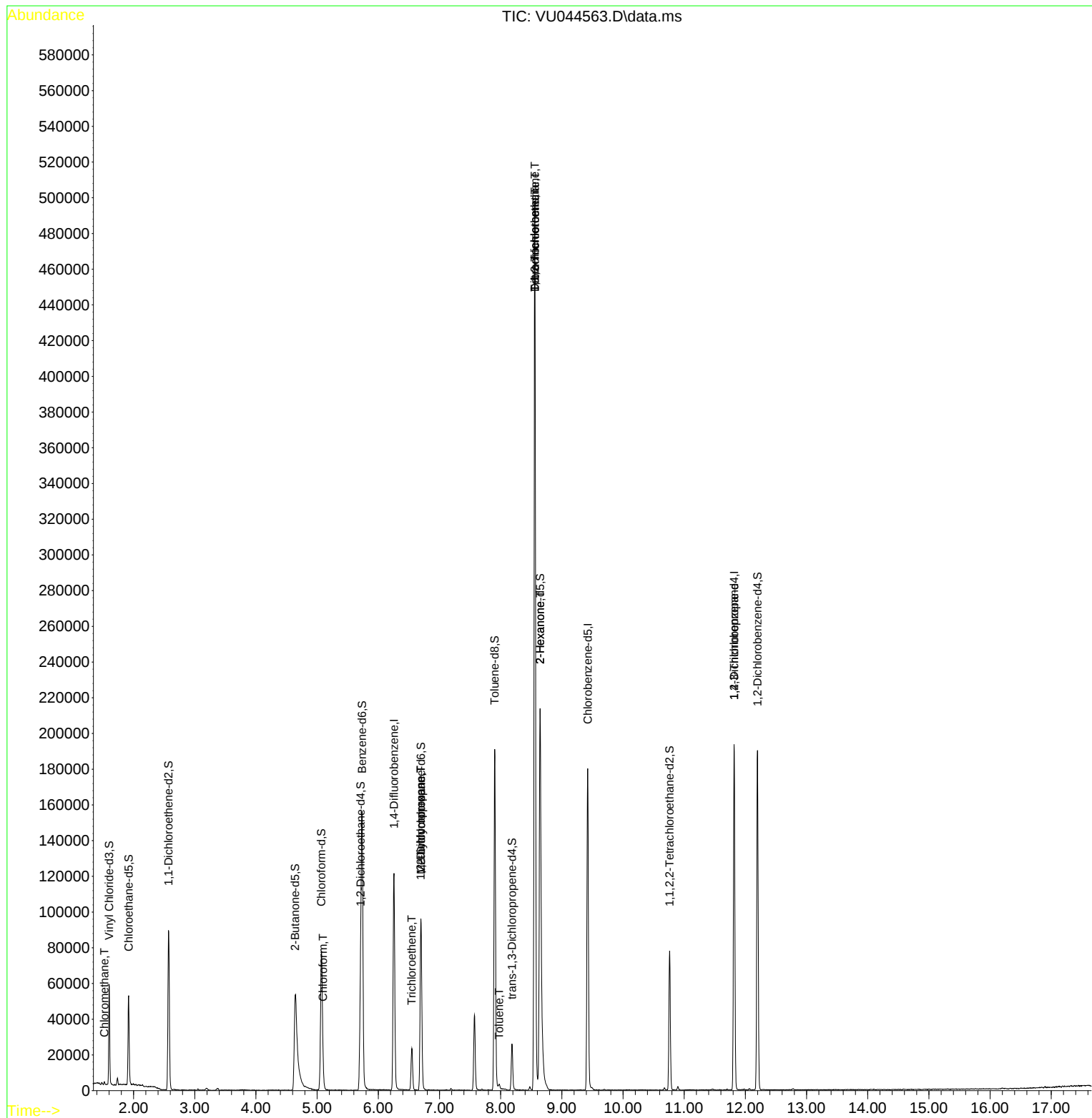
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	105651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	52384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39567	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.919	69	38383	5.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.571	65	16469	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.642	46	105729	46.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	5.070	84	70922	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.710	65	40081	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.735	84	149113	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.697	67	45654	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.902	98	128505	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.185	79	15164	4.436	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.645	63	95484	51.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39807	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	50618	5.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1253	0.091	ug/L	96
25) Chloroform	5.095	83	5906	0.363	ug/L	99
34) Trichloroethene	6.546	95	7875	0.889	ug/L	97
35) Methylcyclohexane	6.697	83	10919	0.739	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4933	0.526	ug/L #	88
42) Toluene	7.976	91	2270	0.061	ug/L	92
45) 1,1,2-Trichloroethane	8.558	97	817	0.122	ug/L #	1
47) Tetrachloroethene	8.558	164	110936	18.104	ug/L	96
48) 2-Hexanone	8.645	43	12724	2.798	ug/L #	71
49) Dibromochloromethane	8.558	129	105303	14.867	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	6171	0.943	ug/L #	68

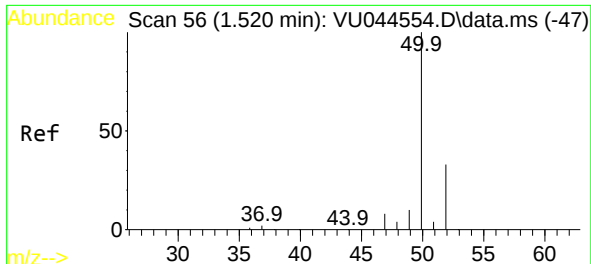
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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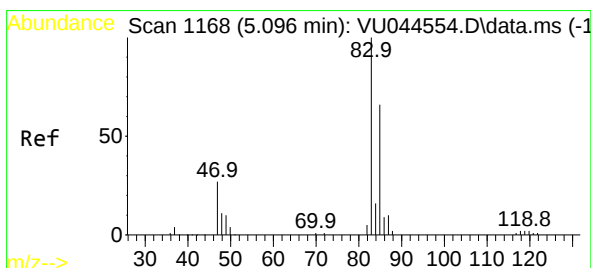
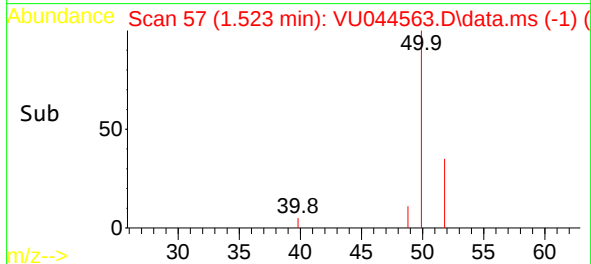
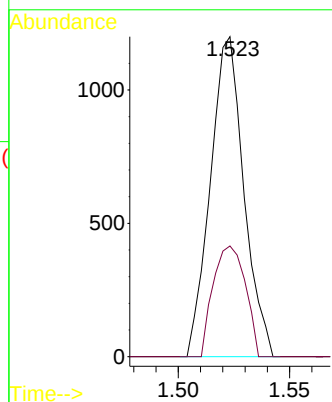
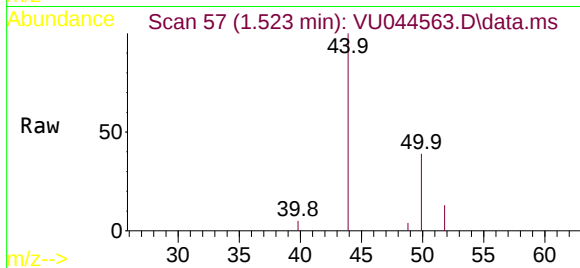




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

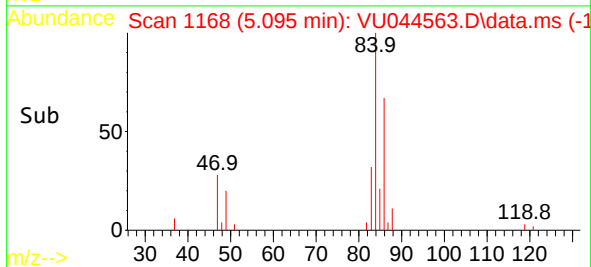
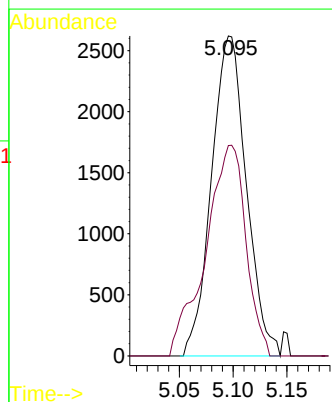
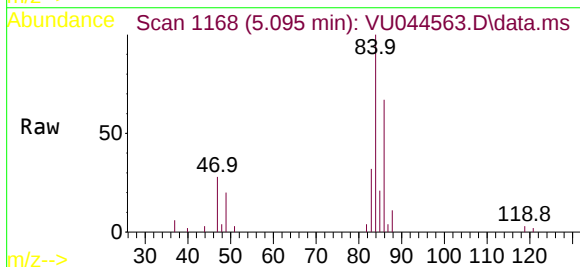
Instrument :
MSVOA_U
ClientSampled :

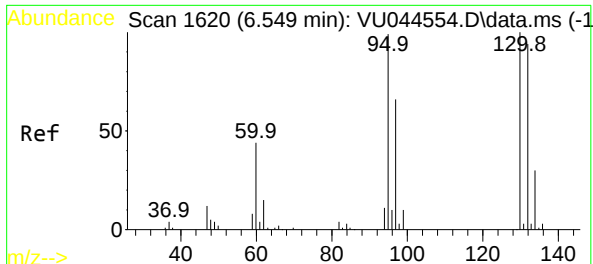
Tgt Ion: 50 Resp: 1253
Ion Ratio Lower Upper
50 100
52 34.6 22.8 42.4



#25
Chloroform
Concen: 0.363 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

Tgt Ion: 83 Resp: 5906
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1





#34

Trichloroethene

Concen: 0.889 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU044563.D

Acq: 02 Sep 2021 19:25

Tgt Ion: 95 Resp: 7875

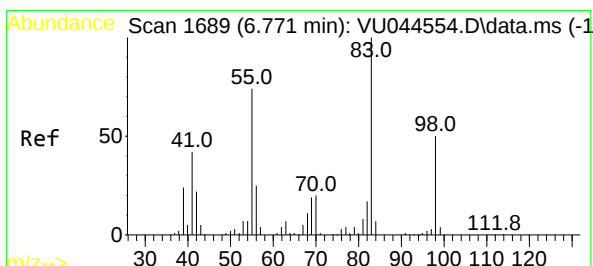
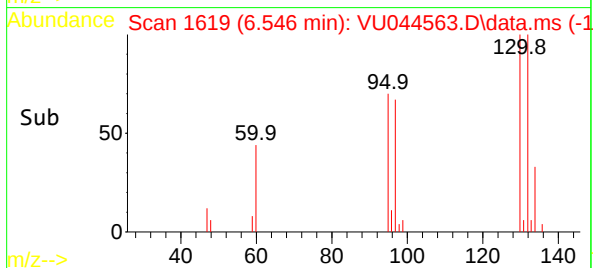
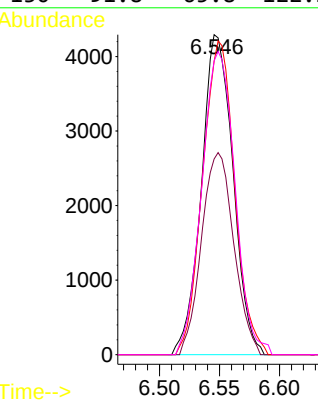
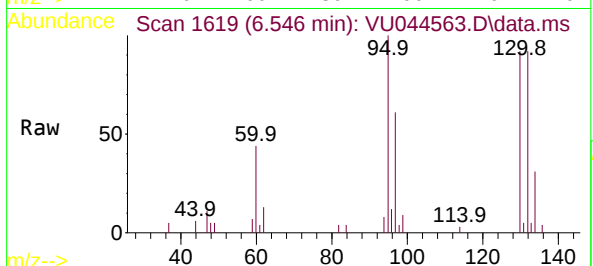
Ion Ratio Lower Upper

95 100

97 61.1 45.6 84.8

132 91.7 63.4 117.8

130 91.8 65.8 122.2



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.074 min

Lab File: VU044563.D

Acq: 02 Sep 2021 19:25

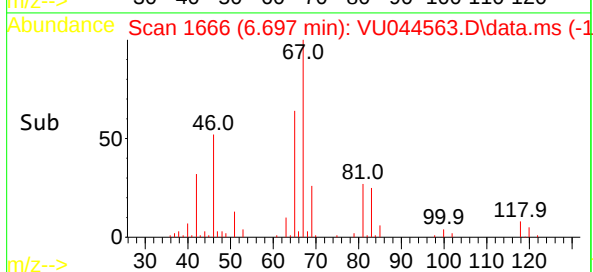
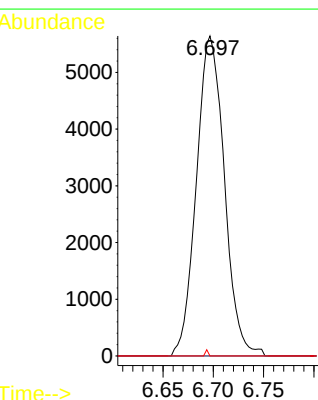
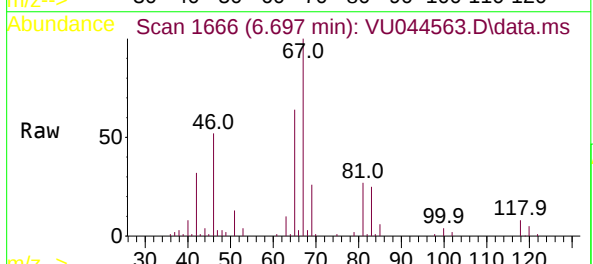
Tgt Ion: 83 Resp: 10919

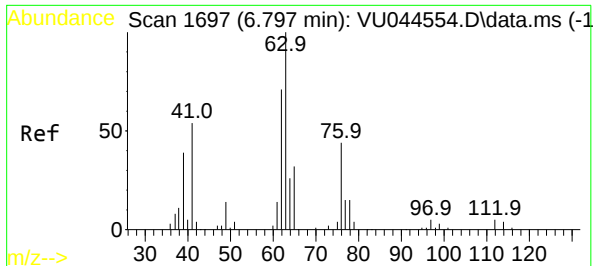
Ion Ratio Lower Upper

83 100

55 0.0 64.8 97.2#

98 0.2 37.5 56.3#



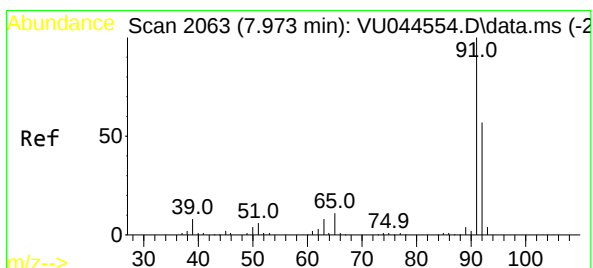
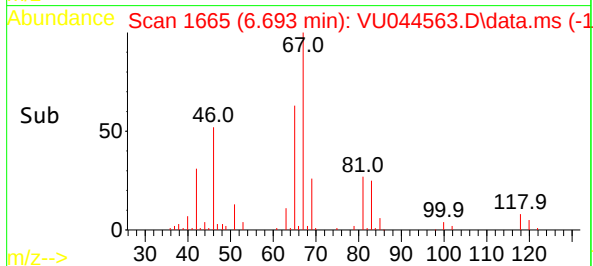
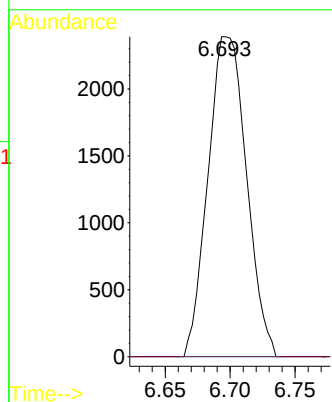
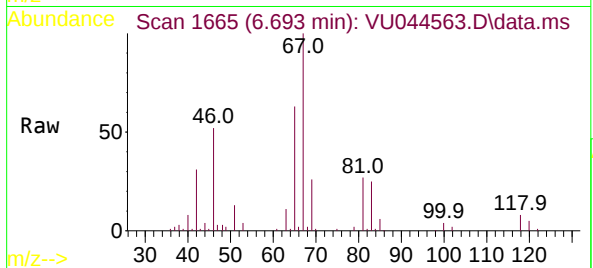


#37

1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

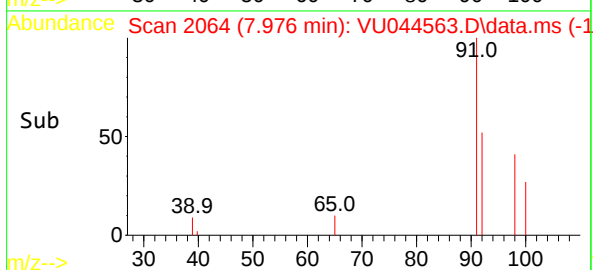
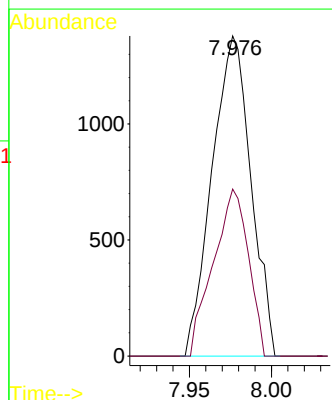
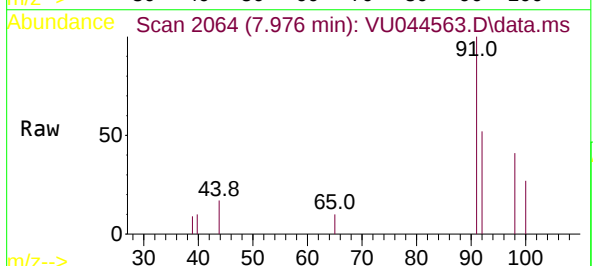
Tgt Ion: 63 Resp: 4933
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

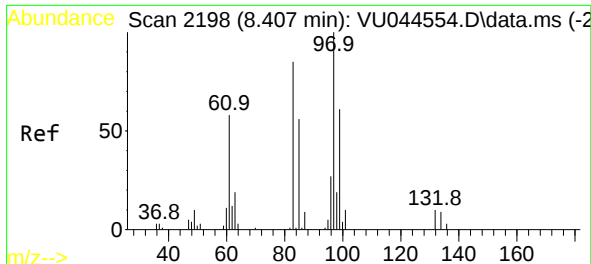


#42

Toluene
Concen: 0.061 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

Tgt Ion: 91 Resp: 2270
Ion Ratio Lower Upper
91 100
92 52.1 40.7 75.5





#45

1,1,2-Trichloroethane

Concen: 0.122 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.151 min

Lab File: VU044563.D

Acq: 02 Sep 2021 19:25

Tgt Ion: 97 Resp: 817

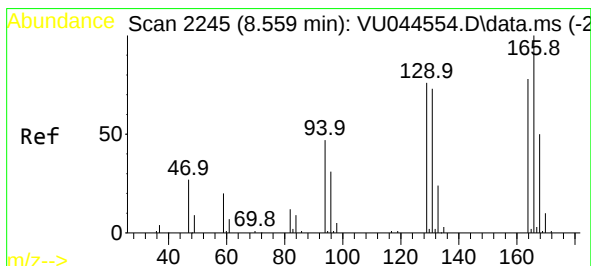
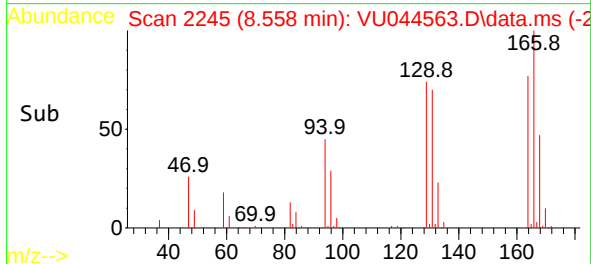
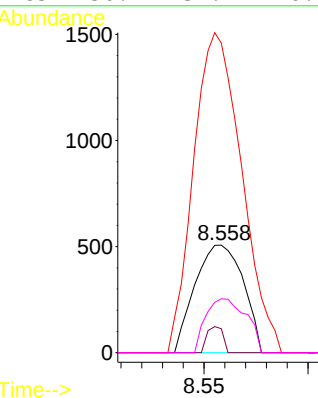
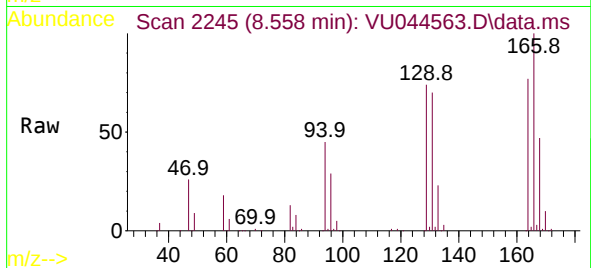
Ion Ratio Lower Upper

97 100

99 22.3 41.3 76.7#

83 287.8 58.6 108.8#

85 50.1 37.9 70.5



#47

Tetrachloroethene

Concen: 18.104 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044563.D

Acq: 02 Sep 2021 19:25

Tgt Ion:164 Resp: 110936

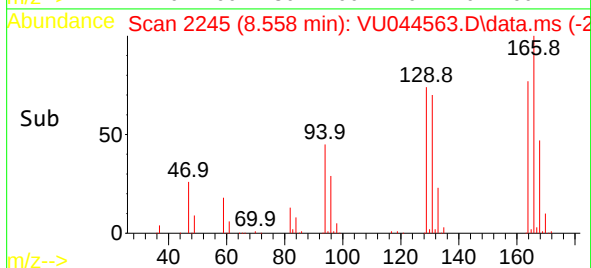
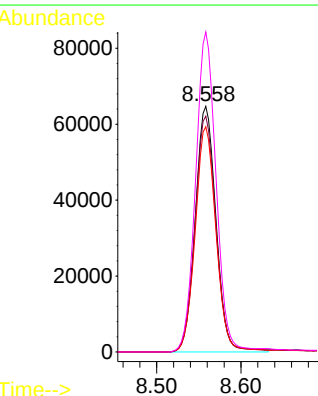
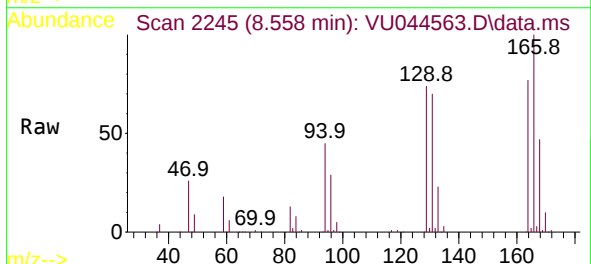
Ion Ratio Lower Upper

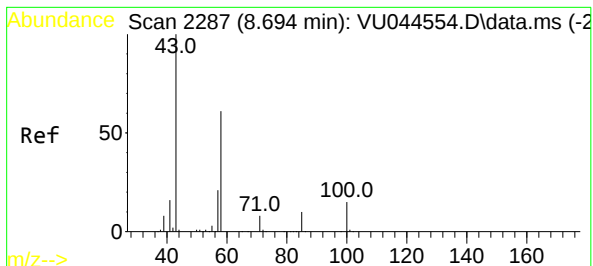
164 100

129 96.0 71.0 131.8

131 91.7 68.0 126.4

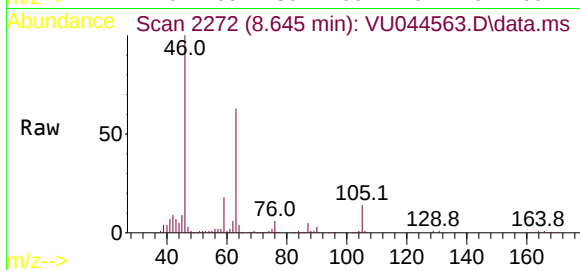
166 130.3 89.0 165.4



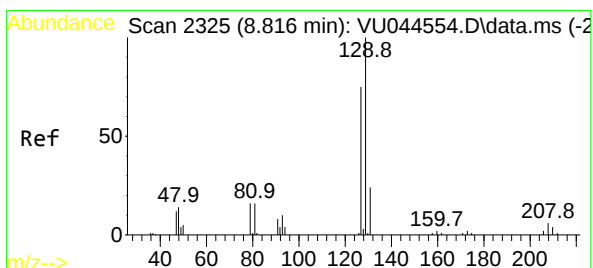
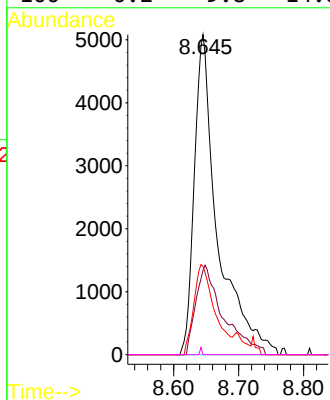
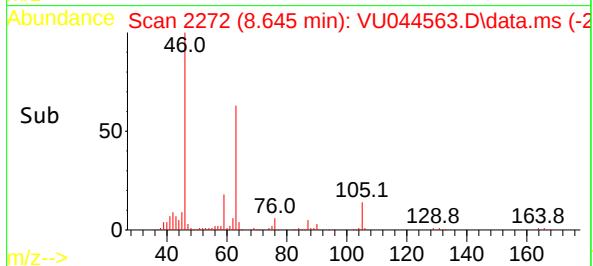


#48
2-Hexanone
Concen: 2.798 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

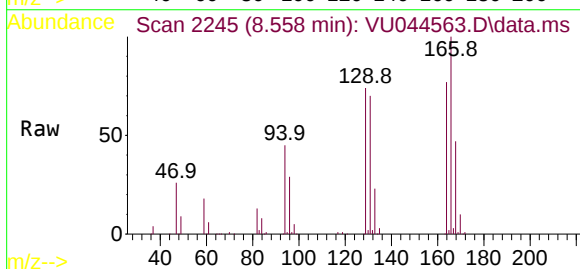
Instrument :
MSVOA_U
ClientSampled :



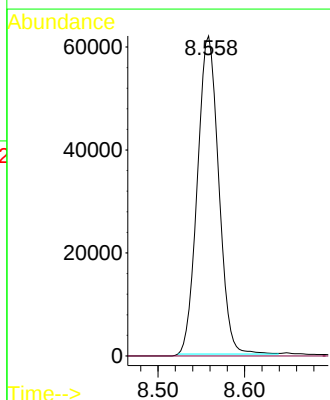
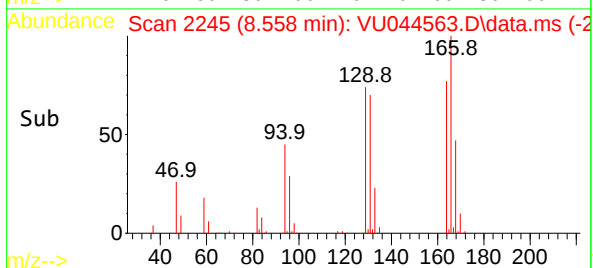
Tgt Ion: 43 Resp: 12724
Ion Ratio Lower Upper
43 100
58 32.9 46.5 69.7#
57 25.3 15.8 23.8#
100 0.2 9.8 14.8#

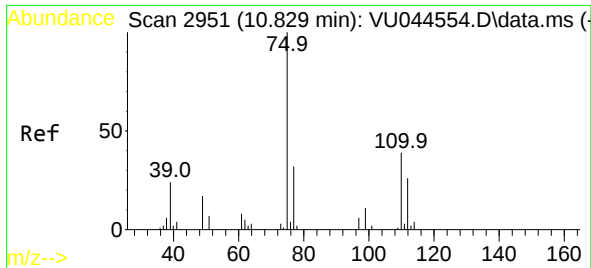


#49
Dibromochloromethane
Concen: 14.867 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25



Tgt Ion: 129 Resp: 105303
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
1,2,3-Trichloropropane
Concen: 0.943 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044563.D
Acq: 02 Sep 2021 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6171
Ion Ratio Lower Upper
75 100
110 0.0 28.4 42.6#
77 33.0 26.5 39.7

