

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
 Data File : VU044732.D
 Acq On : 21 Sep 2021 13:27
 Operator : SY/MD
 Sample : M3789-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG8

Quant Time: Sep 22 01:41:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 22 01:40:07 2021
 Response via : Initial Calibration

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

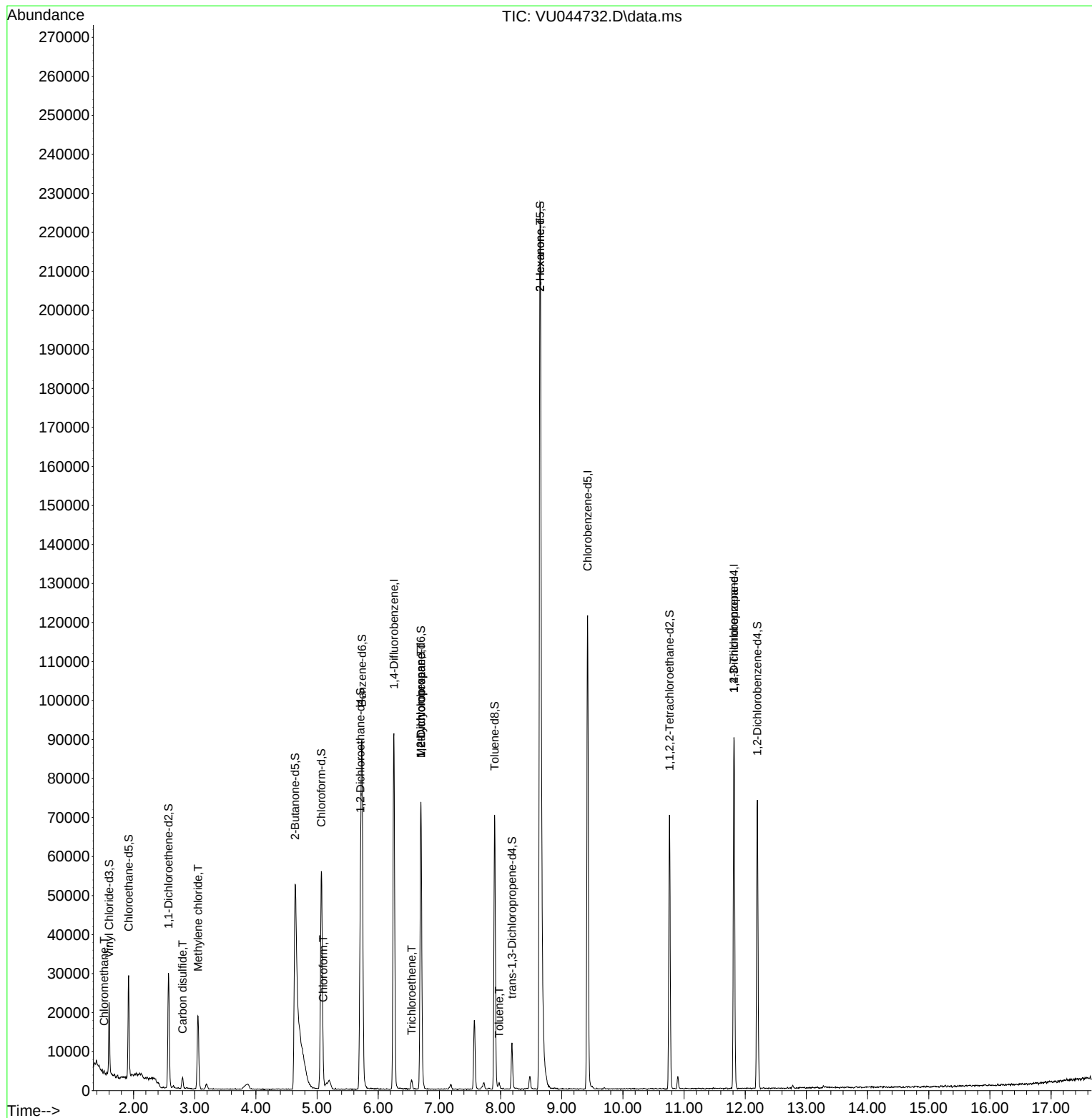
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	69347	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	63994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	22836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	12645	3.090	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.919	69	18950	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.572	65	5725	2.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	4.642	46	145387	84.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	169.520%#
24) Chloroform-d	5.070	84	49860	5.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.710	65	35038	6.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.600%#
32) Benzene-d6	5.735	84	76153	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.697	67	34278	6.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.000%
41) Toluene-d8	7.902	98	44589	3.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.800%#
43) trans-1,3-Dichloroprop...	8.185	79	6608	3.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.645	63	98637	81.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	162.500%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	35864	7.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	151.000%#
66) 1,2-Dichlorobenzene-d4	12.198	152	18014	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	618	0.093	ug/L	84
14) Carbon disulfide	2.800	76	3774	0.268	ug/L	97
16) Methylene chloride	3.054	84	8128	1.147	ug/L	97
25) Chloroform	5.099	83	1454	0.143	ug/L	86
34) Trichloroethene	6.546	95	791	0.168	ug/L	96
35) Methylcyclohexane	6.697	83	7750	1.003	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	3631	0.713	ug/L #	88
42) Toluene	7.976	91	1230	0.062	ug/L	97
48) 2-Hexanone	8.645	43	15799	5.358	ug/L #	67
61) 1,2,3-Trichloropropane	11.816	75	3147	1.247	ug/L #	67

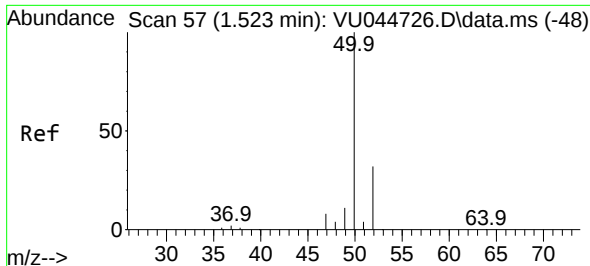
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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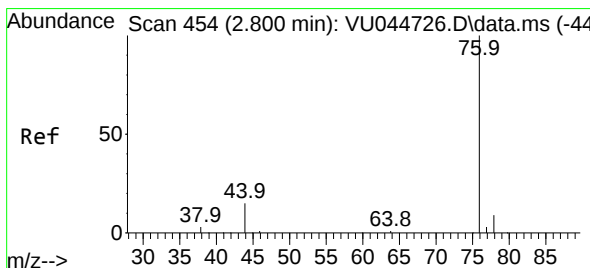
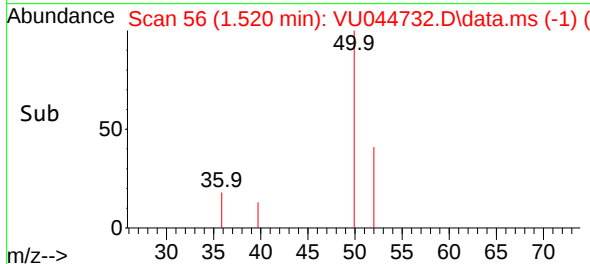
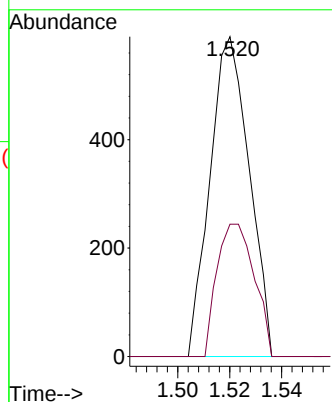
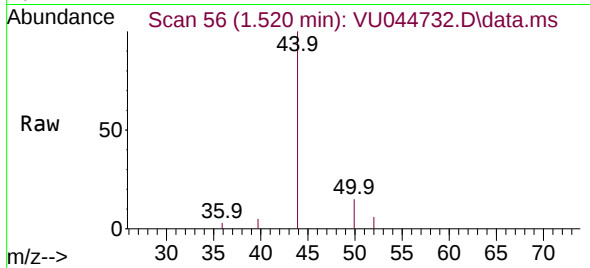




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

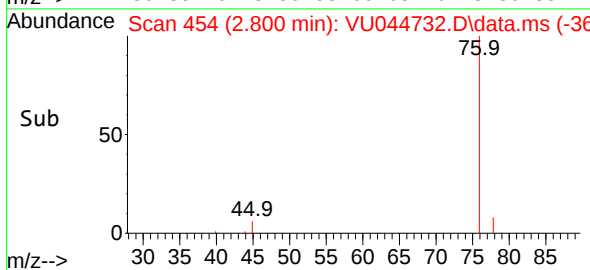
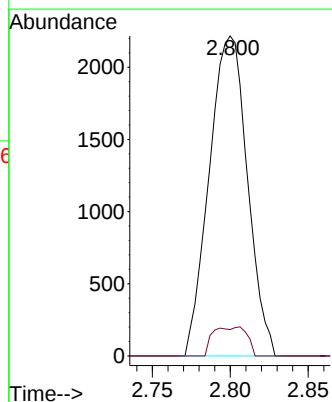
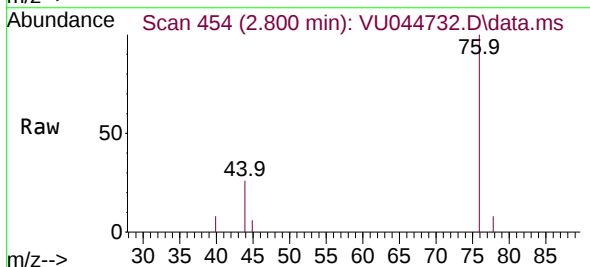
Instrument :
MSVOA_U
ClientSampleId :
C0CG8

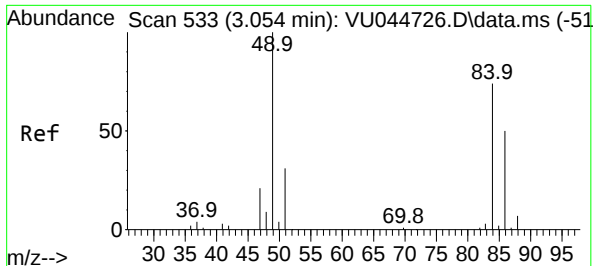
Tgt Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 41.4 22.6 42.0



#14
Carbon disulfide
Concen: 0.268 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Tgt Ion: 76 Resp: 3774
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0





#16

Methylene chloride

Concen: 1.147 ug/L

RT: 3.054 min Scan# 533

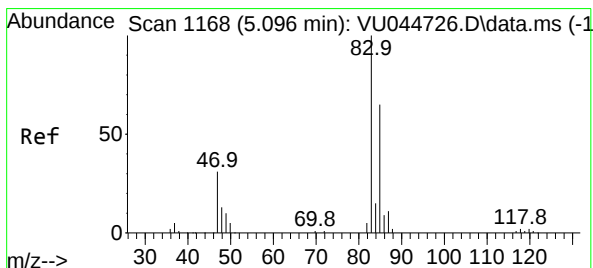
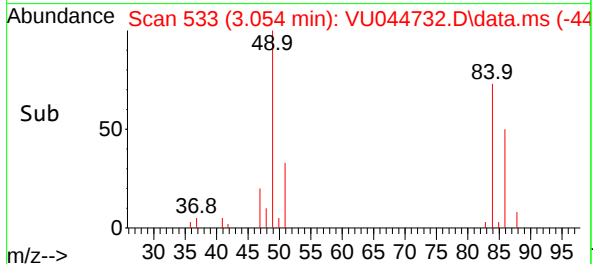
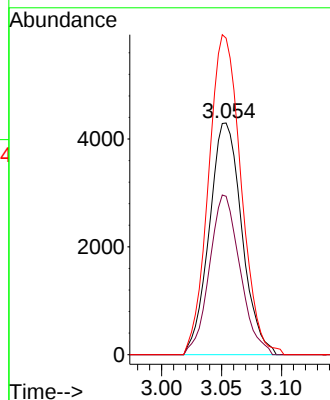
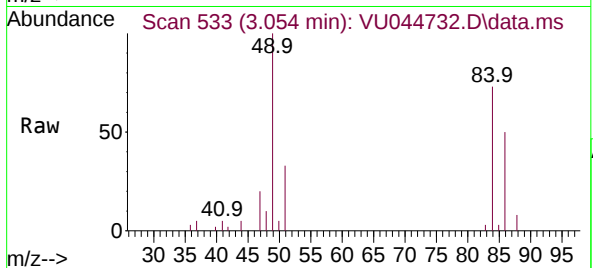
Delta R.T. -0.000 min

Lab File: VU044732.D

Acq: 21 Sep 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0CG8

Tgt Ion:	84	Resp:	8128
Ion	Ratio	Lower	Upper
84	100		
86	68.4	45.8	85.2
49	136.7	92.9	172.5



#25

Chloroform

Concen: 0.143 ug/L

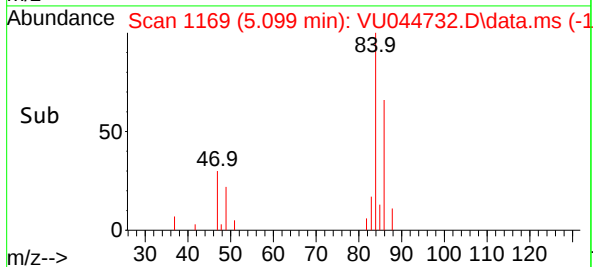
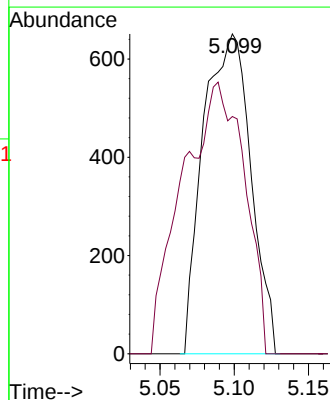
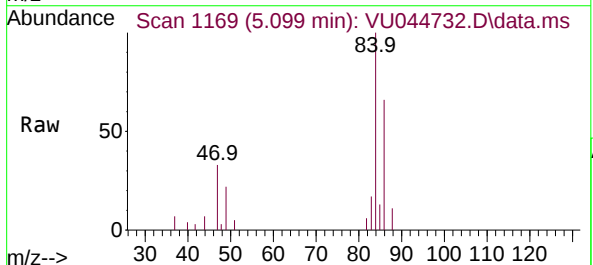
RT: 5.099 min Scan# 1169

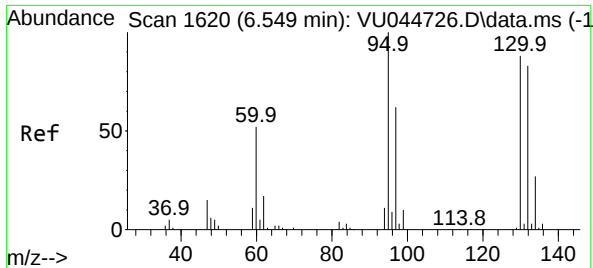
Delta R.T. 0.003 min

Lab File: VU044732.D

Acq: 21 Sep 2021 13:27

Tgt Ion:	83	Resp:	1454
Ion	Ratio	Lower	Upper
83	100		
85	74.2	44.2	82.0



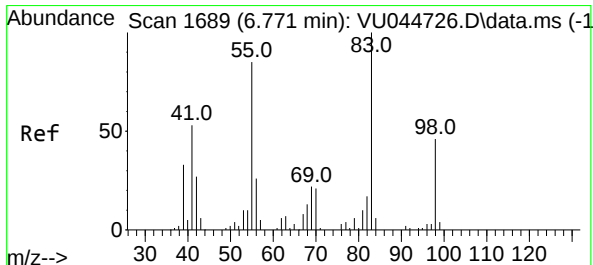
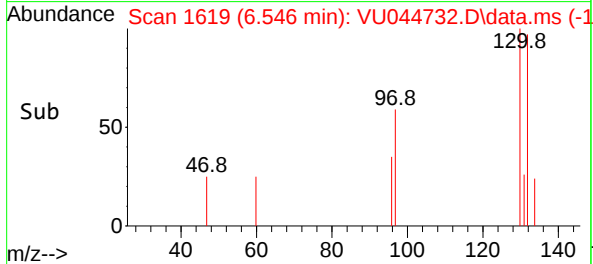
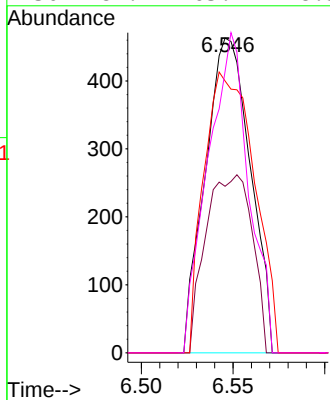
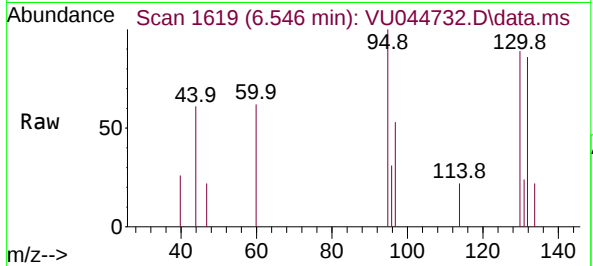


#34
Trichloroethene
Concen: 0.168 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Instrument :
MSVOA_U
ClientSampled :
C0CG8

Tgt Ion: 95 Resp: 791

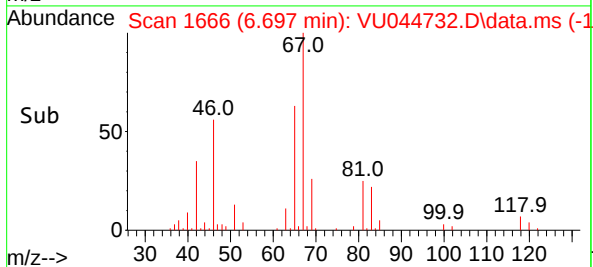
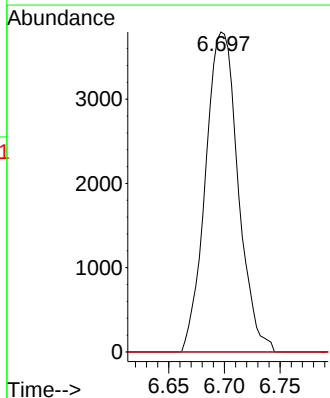
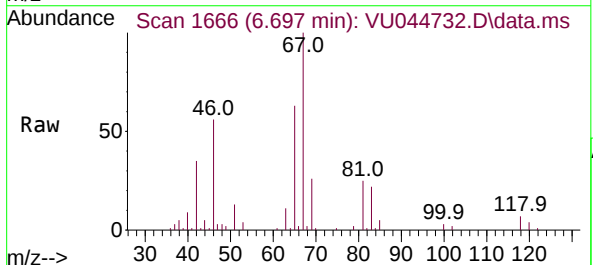
Ion	Ratio	Lower	Upper
95	100		
97	52.9	44.7	82.9
132	86.4	60.3	111.9
130	89.4	63.7	118.3

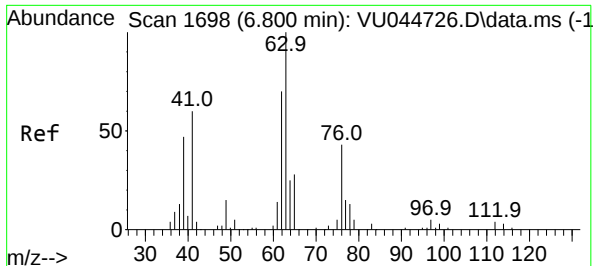


#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Tgt Ion: 83 Resp: 7750

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.0	37.3	55.9#



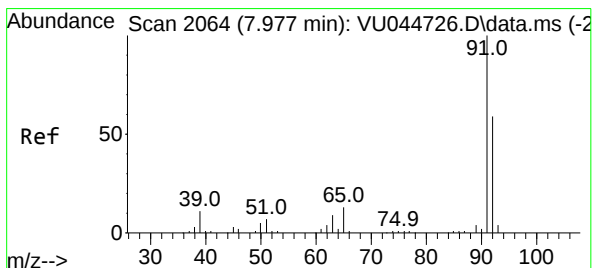
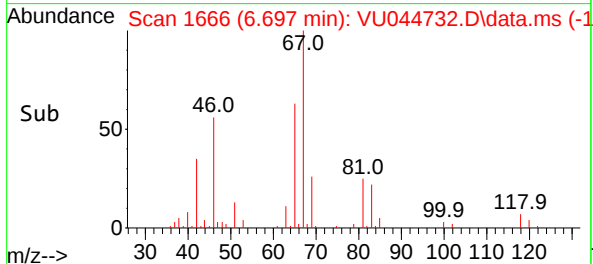
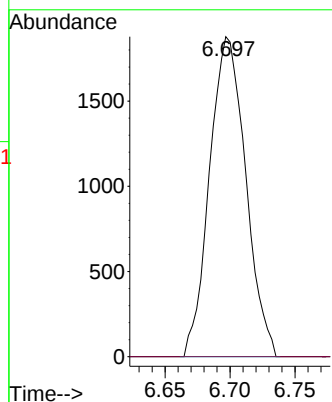
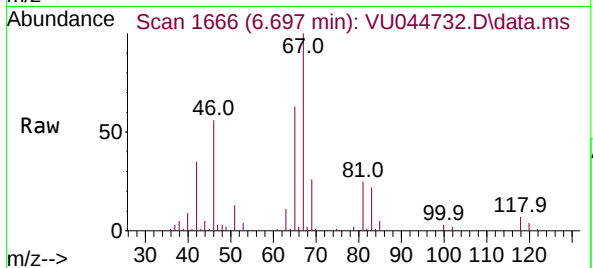


#37

1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Instrument :
MSVOA_U
ClientSampled :
C0CG8

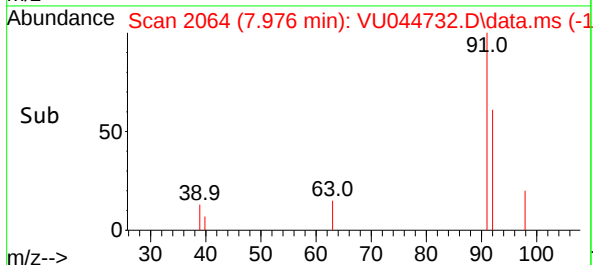
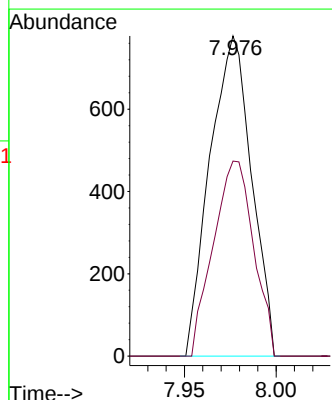
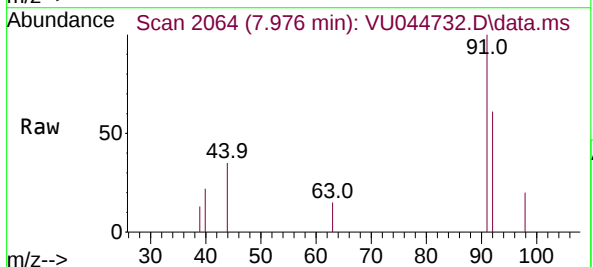
Tgt Ion: 63 Resp: 3631
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

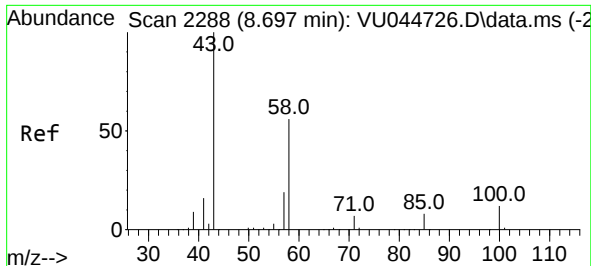


#42

Toluene
Concen: 0.062 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Tgt Ion: 91 Resp: 1230
Ion Ratio Lower Upper
91 100
92 60.9 41.1 76.3

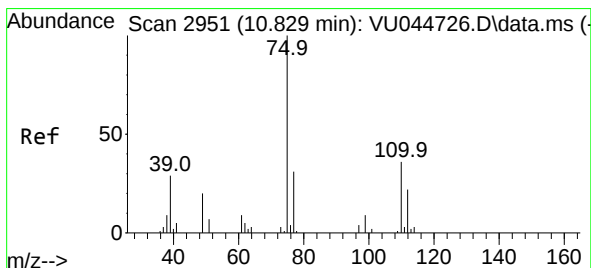
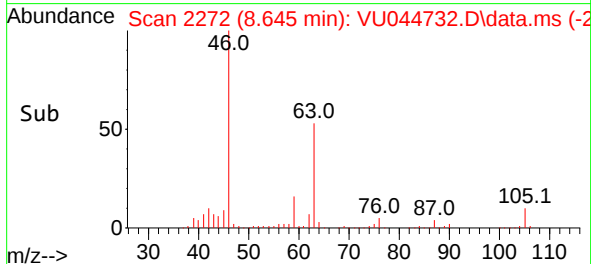
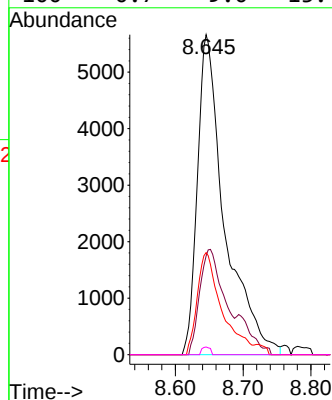
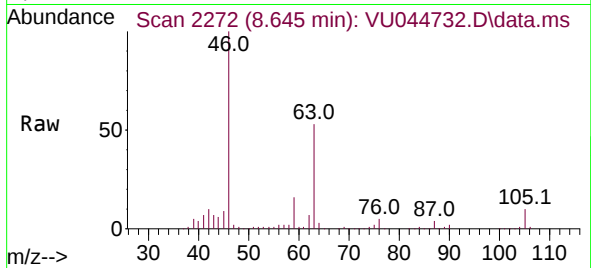




#48
2-Hexanone
Concen: 5.358 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0CG8

Tgt Ion:	43	Resp:	15799
Ion	Ratio	Lower	Upper
43	100		
58	28.7	44.6	66.8#
57	28.9	14.8	22.2#
100	0.7	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.247 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044732.D
Acq: 21 Sep 2021 13:27

Tgt Ion:	75	Resp:	3147
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.8	43.2#
77	31.0	25.9	38.9

