

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044578.D
 Acq On : 07 Sep 2021 13:00
 Operator : SY/MD
 Sample : M3596-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:36:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

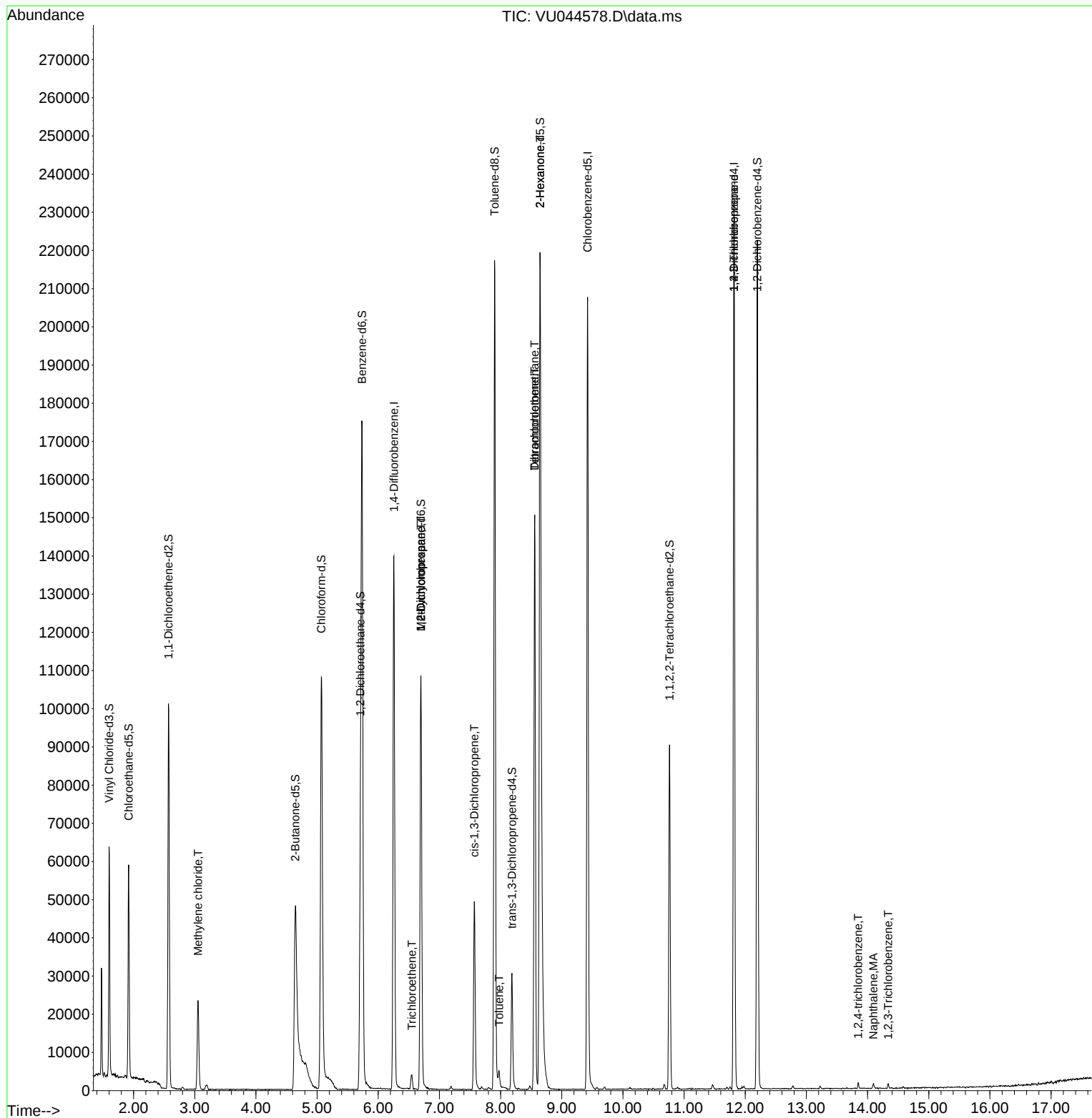
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	116395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121299	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	62558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42672	4.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.919	69	42342	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.571	65	18493	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.645	46	102390	39.328	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.660%
24) Chloroform-d	5.070	84	81924	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.710	65	43671	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.735	84	168062	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.697	67	51489	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.902	98	147567	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.185	79	18502	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.645	63	109956	51.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46258	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	57676	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	11989	0.902	ug/L	86
34) Trichloroethene	6.549	95	1335	0.131	ug/L	92
35) Methylcyclohexane	6.697	83	12247	0.722	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5562	0.516	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1242	0.082	ug/L	87
42) Toluene	7.976	91	3071	0.072	ug/L	88
47) Tetrachloroethene	8.558	164	34661	4.927	ug/L	95
48) 2-Hexanone	8.645	43	14806	2.836	ug/L #	65
49) Dibromochloromethane	8.558	129	32990	4.057	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	7670	0.981	ug/L #	65
70) 1,2,4-trichlorobenzene	13.844	180	738	0.067	ug/L #	85
71) Naphthalene	14.095	128	1692	0.080	ug/L #	74
72) 1,2,3-Trichlorobenzene	14.336	180	599	0.059	ug/L #	88

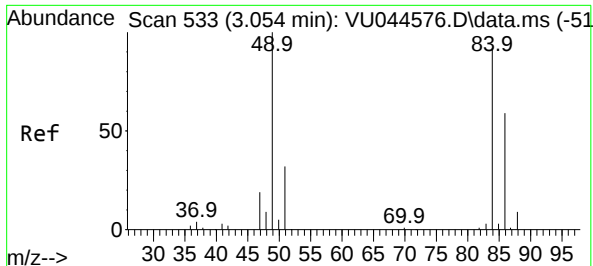
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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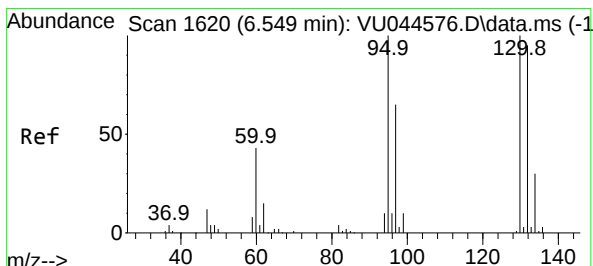
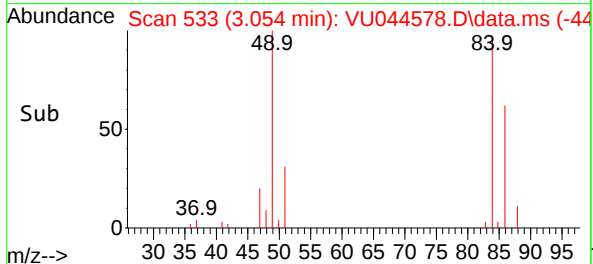
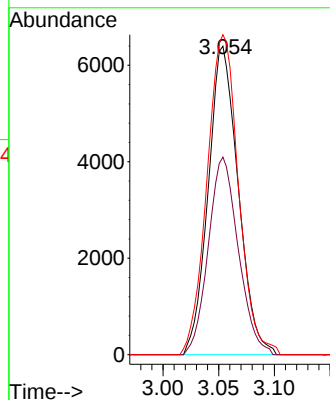
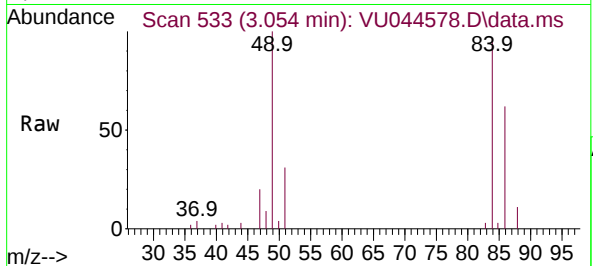




#16
Methylene chloride
Concen: 0.902 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

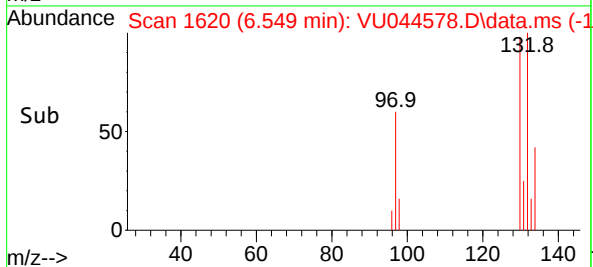
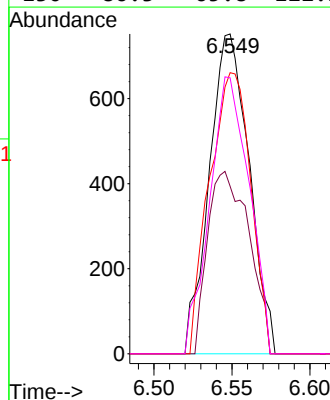
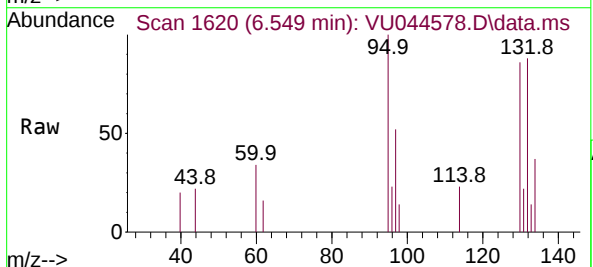
Instrument :
MSVOA_U
ClientSampleId :

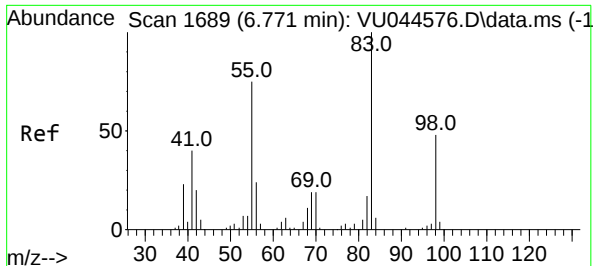
Tgt Ion: 84 Resp: 11989
Ion Ratio Lower Upper
84 100
86 64.1 45.2 84.0
49 103.7 88.8 165.0



#34
Trichloroethene
Concen: 0.131 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

Tgt Ion: 95 Resp: 1335
Ion Ratio Lower Upper
95 100
97 52.4 45.6 84.8
132 87.9 63.4 117.8
130 86.3 65.8 122.2





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.074 min

Lab File: VU044578.D

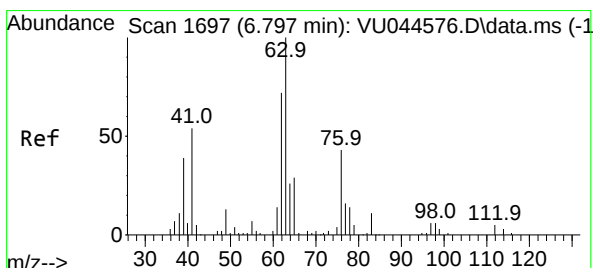
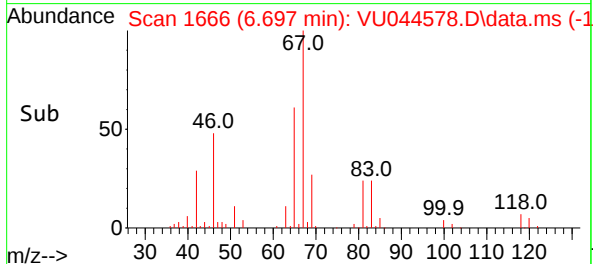
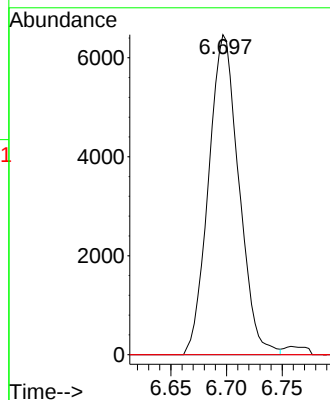
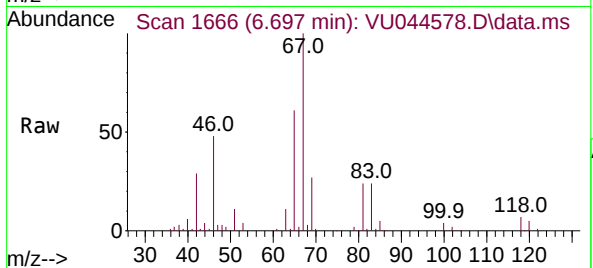
Acq: 07 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampled :

Tgt Ion: 83	Resp: 12247
Ion Ratio	Lower Upper
83 100	
55 0.0	64.8 97.2#
98 0.7	37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

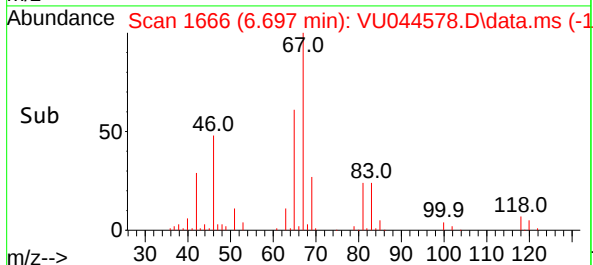
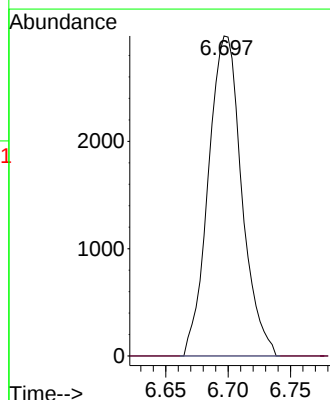
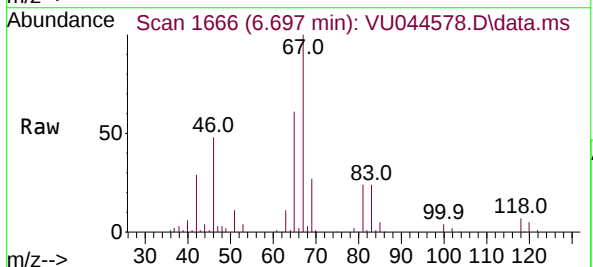
RT: 6.697 min Scan# 1666

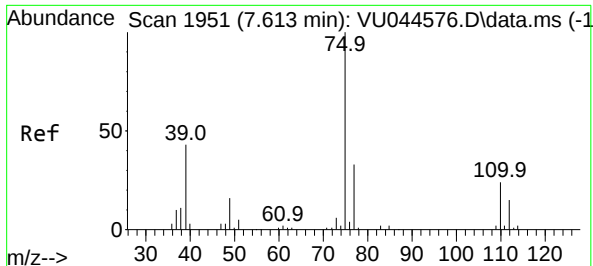
Delta R.T. -0.100 min

Lab File: VU044578.D

Acq: 07 Sep 2021 13:00

Tgt Ion: 63	Resp: 5562
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#



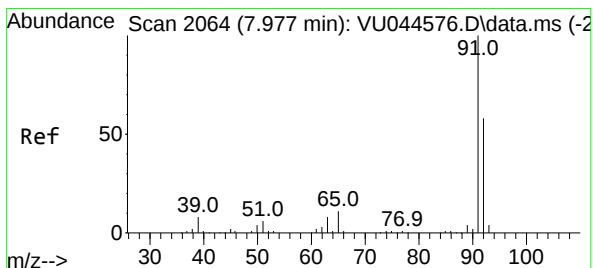
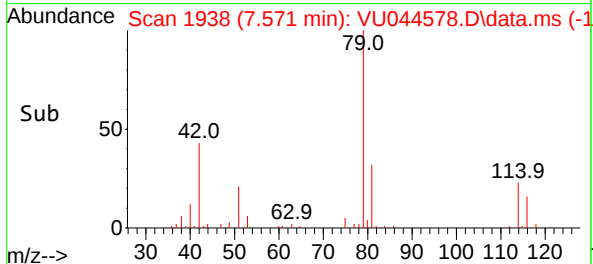
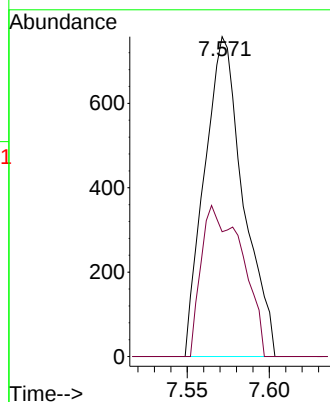
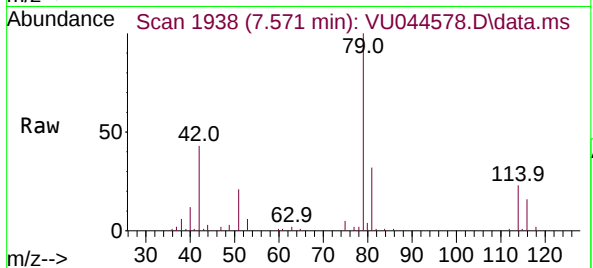


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU044578.D
 Acq: 07 Sep 2021 13:00

Instrument :
 MSVOA_U
 ClientSampled :

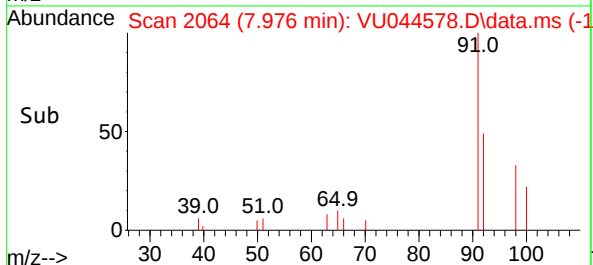
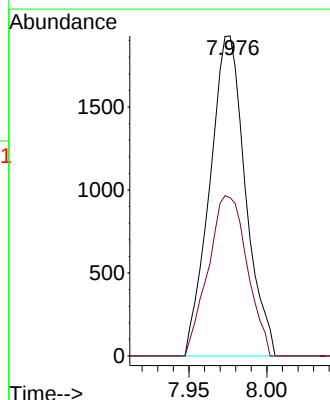
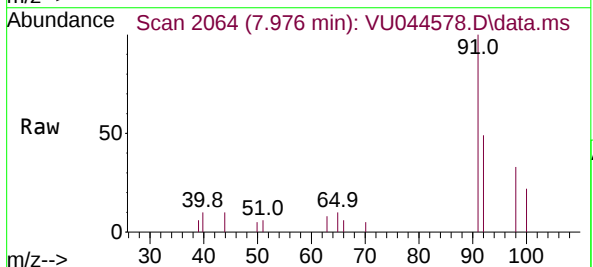
Tgt Ion: 75 Resp: 1242
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.2 41.2

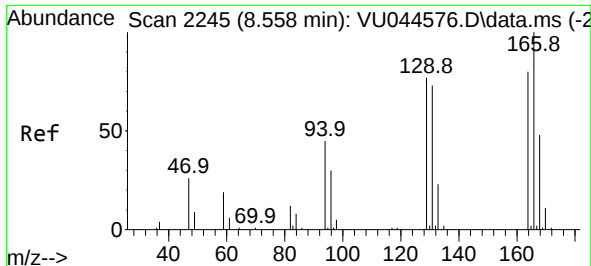


#42

Toluene
 Concen: 0.072 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU044578.D
 Acq: 07 Sep 2021 13:00

Tgt Ion: 91 Resp: 3071
 Ion Ratio Lower Upper
 91 100
 92 49.4 40.7 75.5



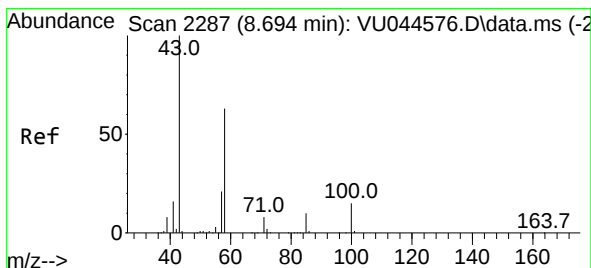
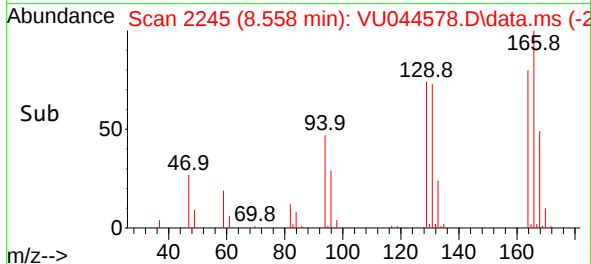
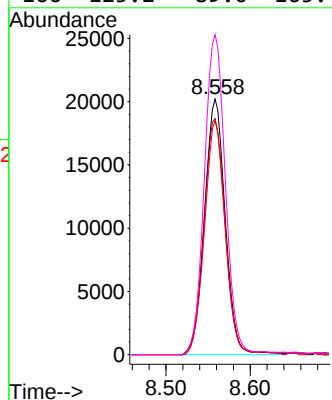
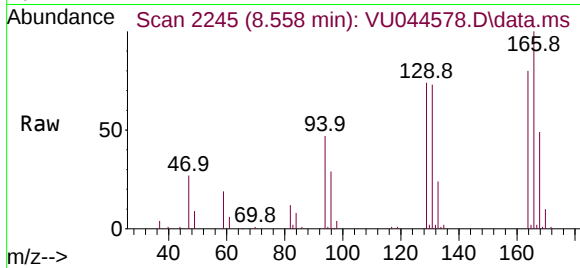


#47
Tetrachloroethene
Concen: 4.927 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 34661

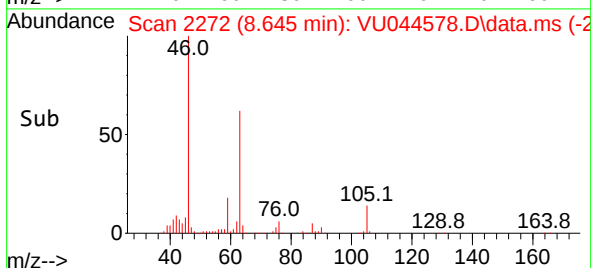
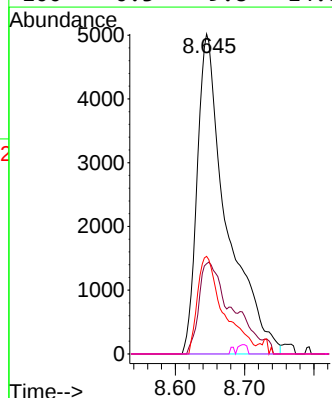
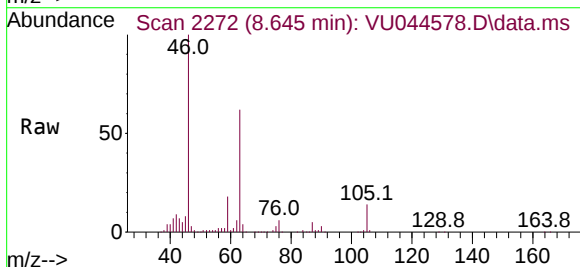
Ion	Ratio	Lower	Upper
164	100		
129	92.4	71.0	131.8
131	91.6	68.0	126.4
166	125.2	89.0	165.4

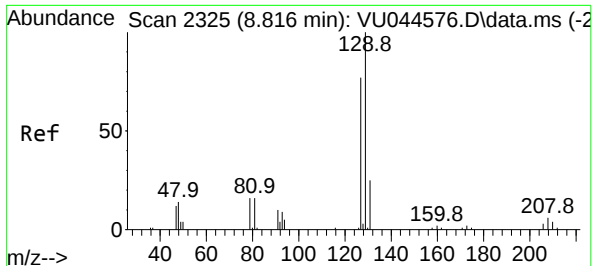


#48
2-Hexanone
Concen: 2.836 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

Tgt Ion: 43 Resp: 14806

Ion	Ratio	Lower	Upper
43	100		
58	26.2	46.5	69.7#
57	27.1	15.8	23.8#
100	0.3	9.8	14.8#





#49

Dibromochloromethane

Concen: 4.057 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU044578.D

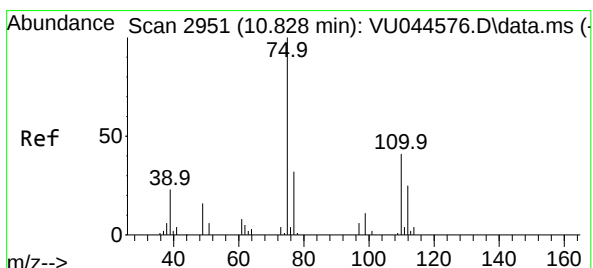
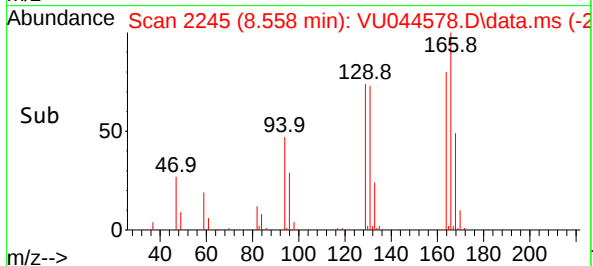
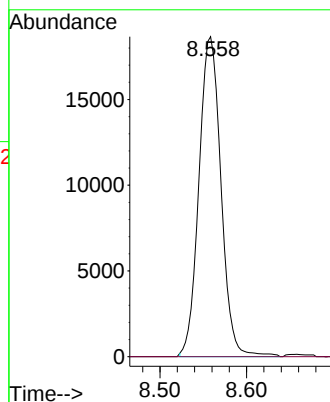
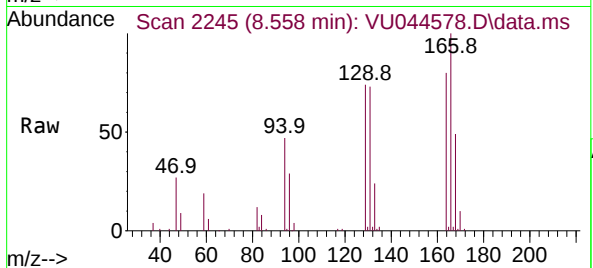
Acq: 07 Sep 2021 13:00

Tgt Ion:129 Resp: 32990

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.981 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044578.D

Acq: 07 Sep 2021 13:00

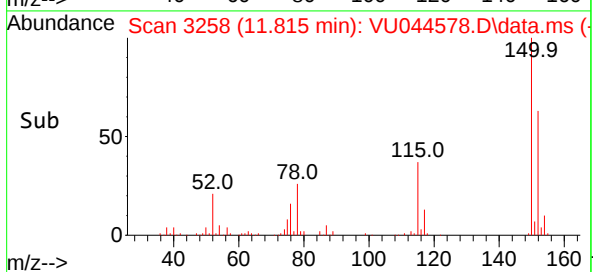
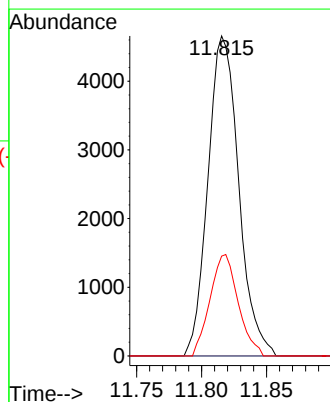
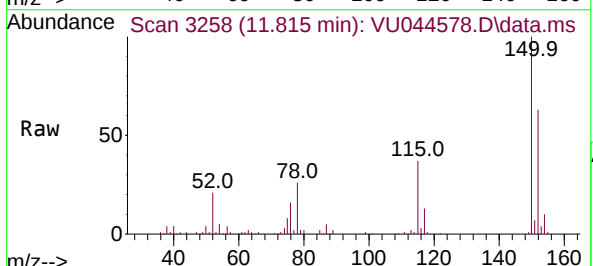
Tgt Ion: 75 Resp: 7670

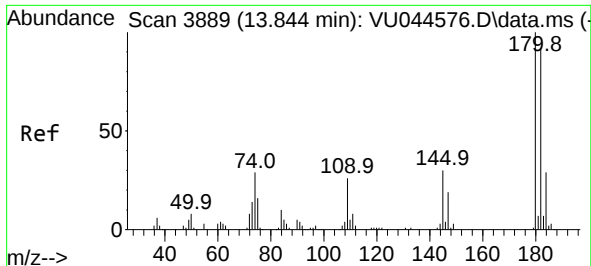
Ion Ratio Lower Upper

75 100

110 0.0 28.4 42.6#

77 29.0 26.5 39.7

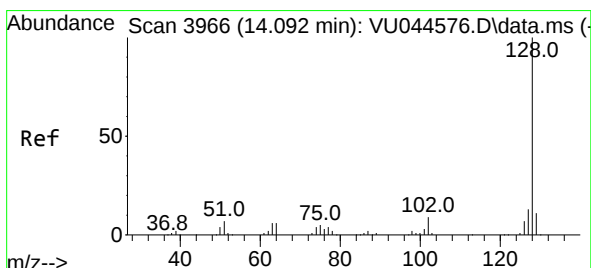
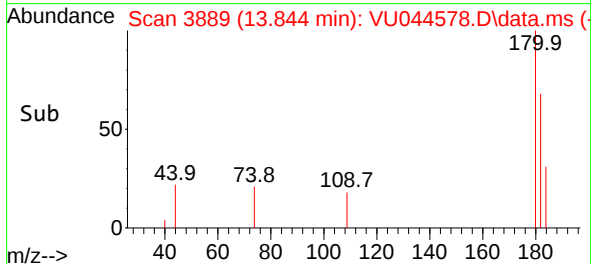
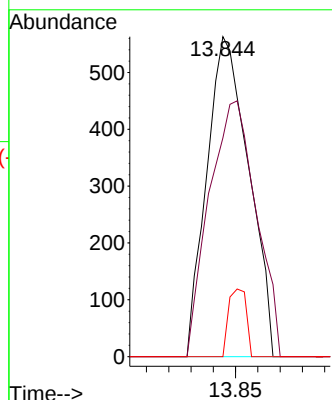
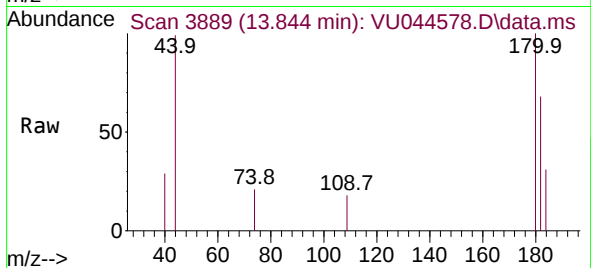




#70
1,2,4-trichlorobenzene
Concen: 0.067 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

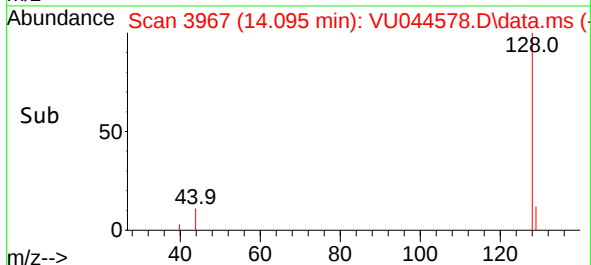
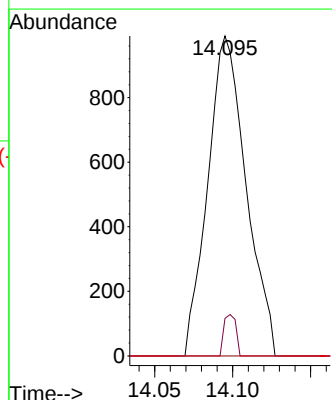
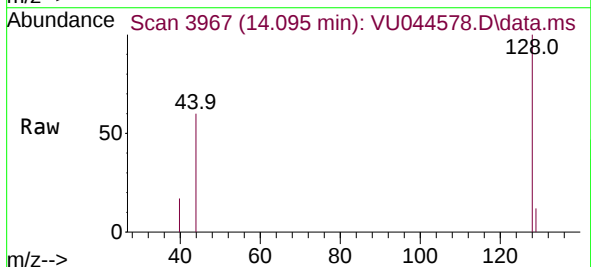
Instrument :
MSVOA_U
ClientSampled :

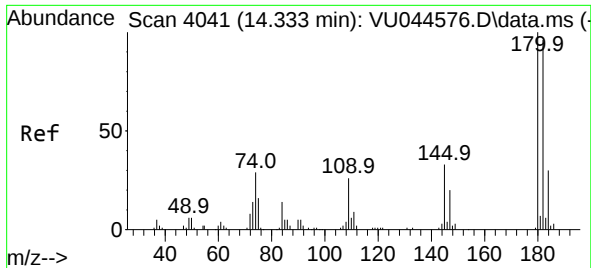
Tgt Ion:180 Resp: 738
Ion Ratio Lower Upper
180 100
182 89.4 76.0 114.0
145 8.8 26.3 39.5#



#71
Naphthalene
Concen: 0.080 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044578.D
Acq: 07 Sep 2021 13:00

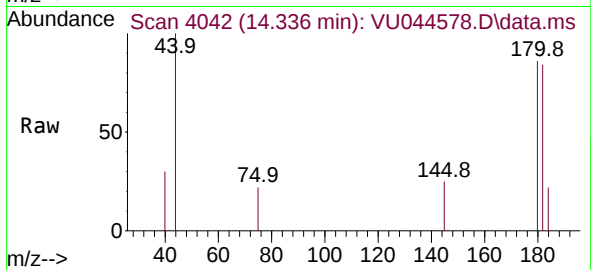
Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
129 4.1 8.6 12.8#
127 0.0 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.059 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044578.D
 Acq: 07 Sep 2021 13:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	599
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.4	114.6
145	11.9	27.1	40.7#

