

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044704.D
 Acq On : 20 Sep 2021 13:15
 Operator : SY/MD
 Sample : M3790-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 02:48:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	72840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	66684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	23720	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14244	3.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.919	69	20151	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.572	65	6291	2.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	4.645	46	120945	67.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.260%#
24) Chloroform-d	5.070	84	52291	5.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
26) 1,2-Dichloroethane-d4	5.710	65	35861	6.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.000%#
32) Benzene-d6	5.735	84	80174	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.697	67	36090	6.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	129.200%
41) Toluene-d8	7.903	98	47113	3.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.185	79	8013	4.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.648	63	105693	83.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	167.100%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	37587	7.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	151.800%#
66) 1,2-Dichlorobenzene-d4	12.198	152	19517	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%

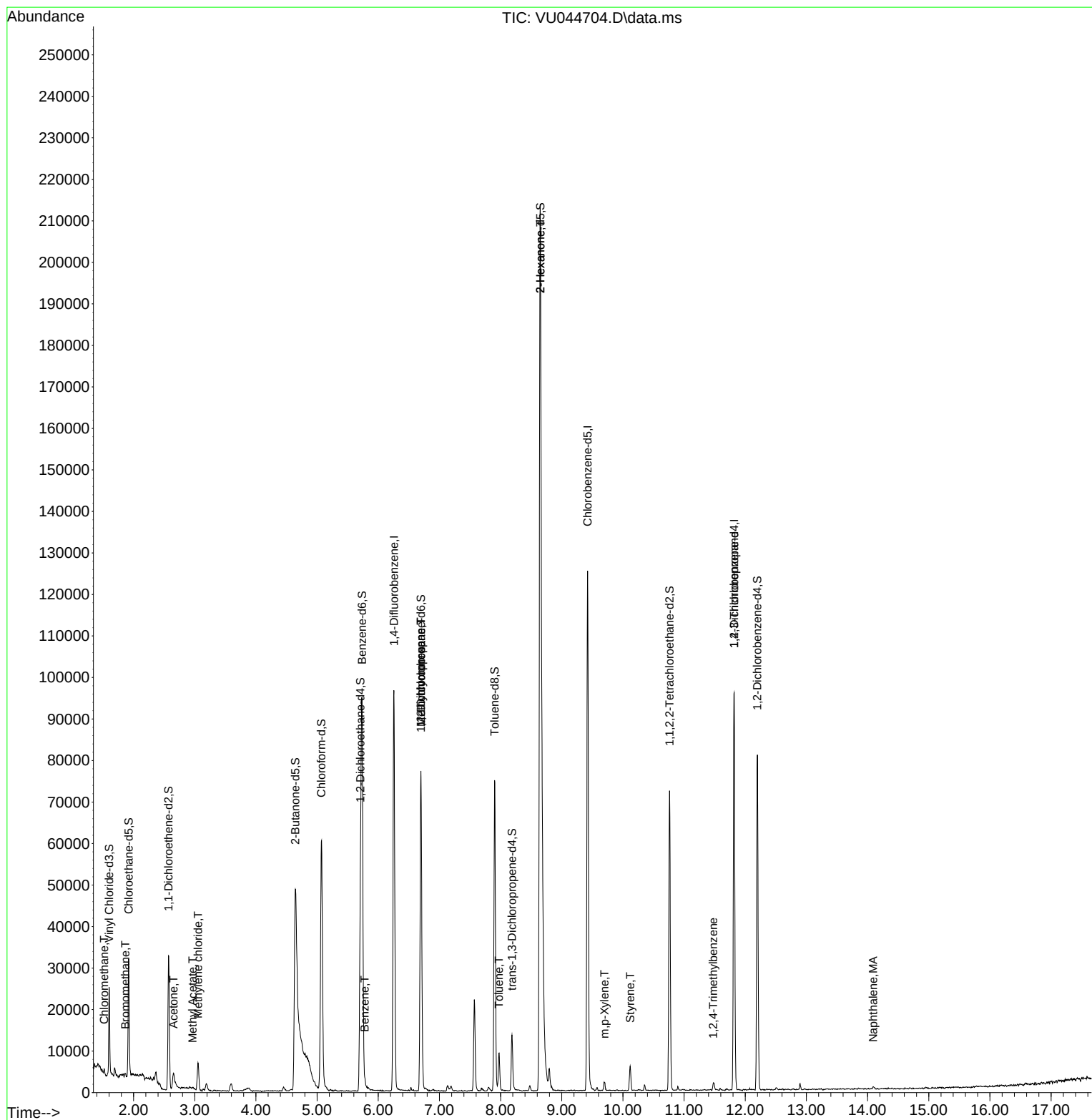
Target Compounds			Qvalue			
3) Chloromethane	1.520	50	961	0.138	ug/L	85
6) Bromomethane	1.864	94	327	0.090	ug/L	84
13) Acetone	2.652	43	7357	6.270	ug/L	90
15) Methyl Acetate	2.967	43	447	0.211	ug/L #	49
16) Methylene chloride	3.054	84	2958	0.398	ug/L	95
33) Benzene	5.777	78	1241	0.063	ug/L	100
35) Methylcyclohexane	6.697	83	7804	0.969	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	4081	0.770	ug/L #	88
42) Toluene	7.973	91	6611	0.320	ug/L	95
48) 2-Hexanone	8.648	43	12954	4.216	ug/L #	88
53) m,p-Xylene	9.700	106	722	0.085	ug/L	85
55) Styrene	10.121	104	2663	0.187	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	3570	1.362	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.478	105	1001	0.079	ug/L #	50
71) Naphthalene	14.092	128	770	0.089	ug/L #	69

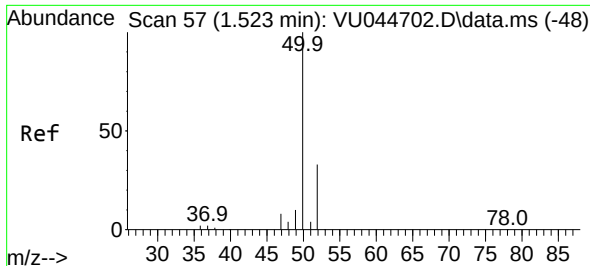
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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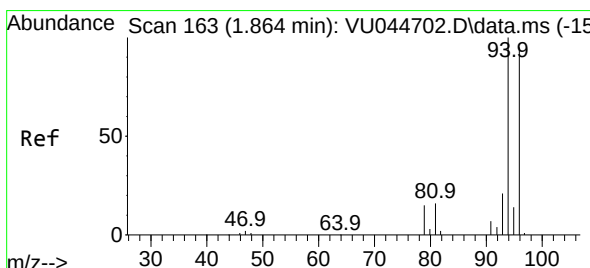
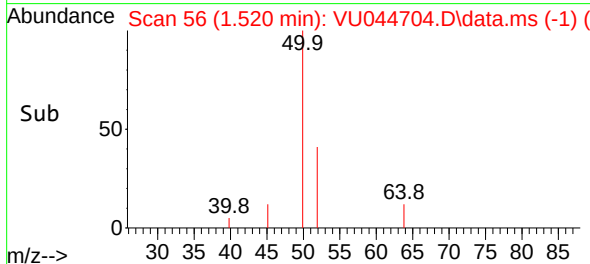
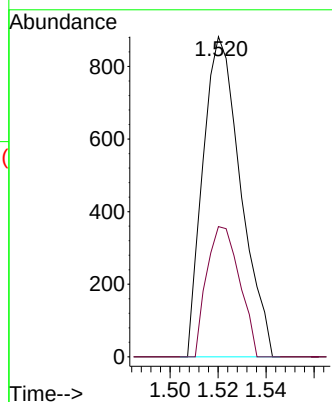
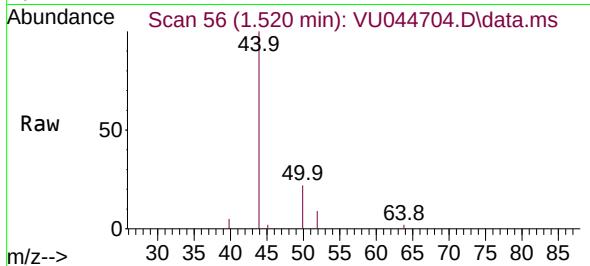




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

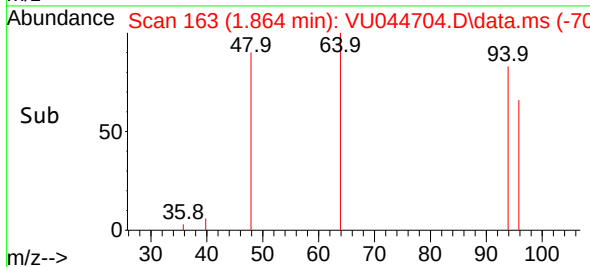
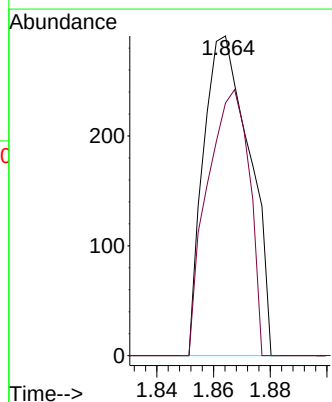
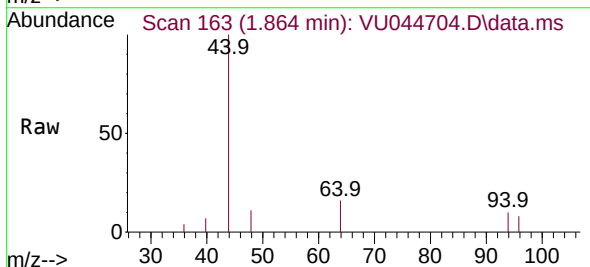
Instrument :
MSVOA_U
ClientSampled :

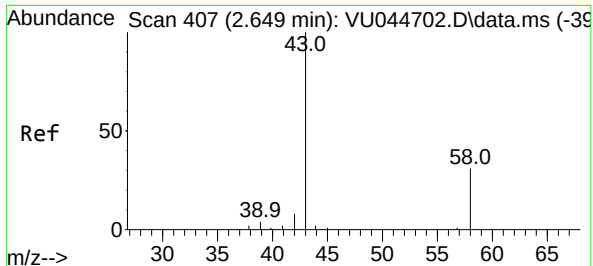
Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 40.7 22.6 42.0



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 79.0 66.4 123.4

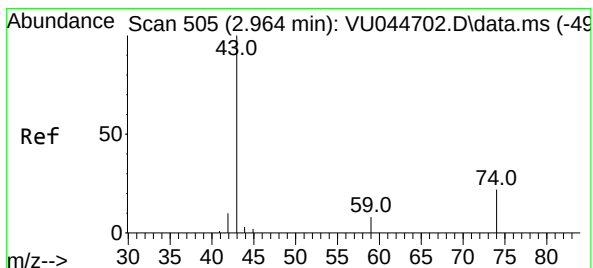
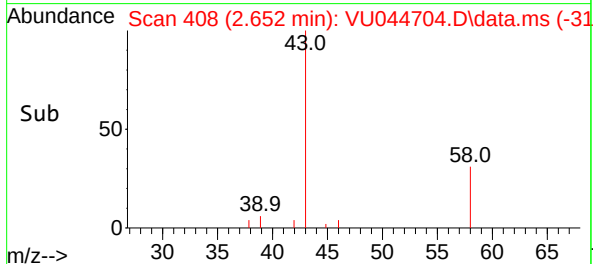
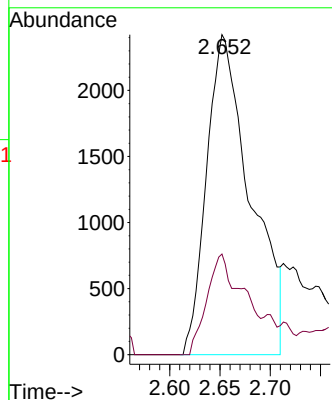
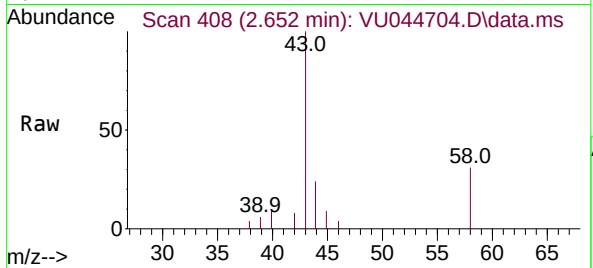




#13
Acetone
Concen: 6.270 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

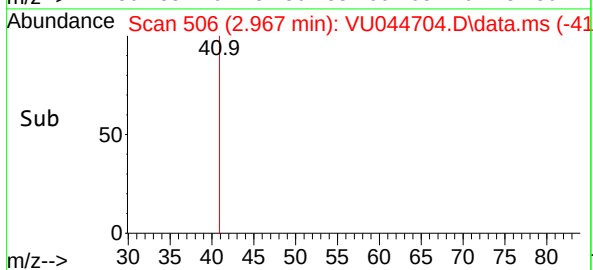
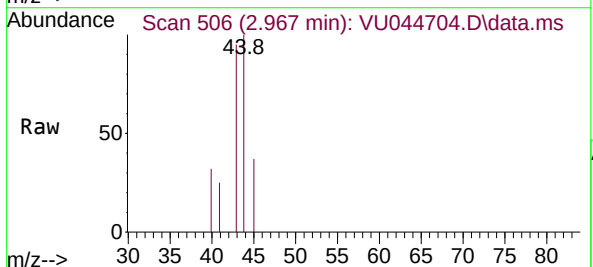
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MSVOA_U
ClientSampled :

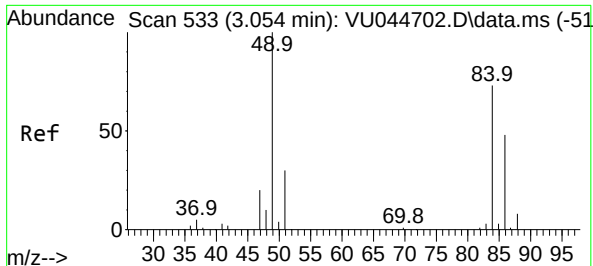
Tgt Ion: 43 Resp: 7357
Ion Ratio Lower Upper
43 100
58 26.1 0.0 42.4



#15
Methyl Acetate
Concen: 0.211 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



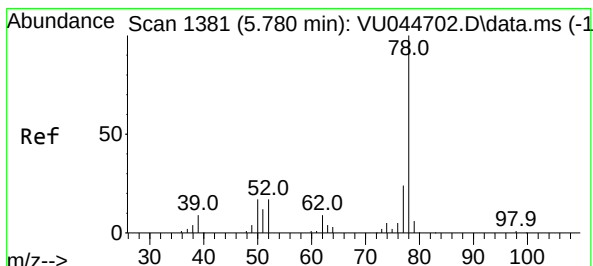
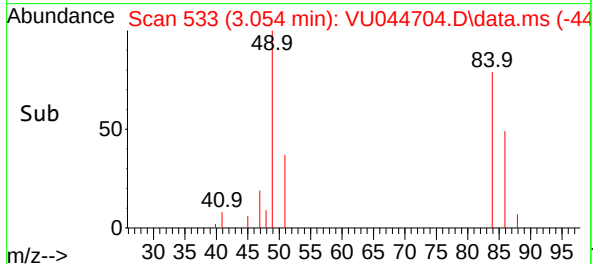
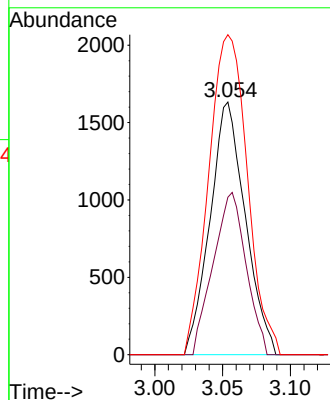
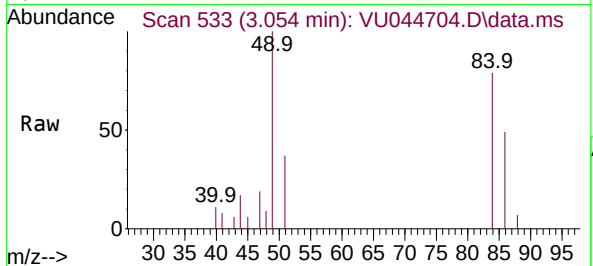


#16
Methylene chloride
Concen: 0.398 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Instrument :
MSVOA_U
ClientSampled :

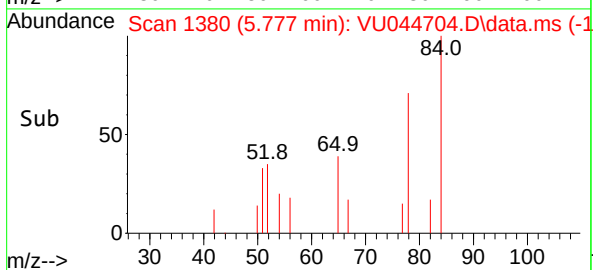
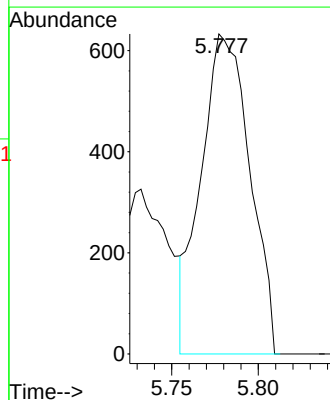
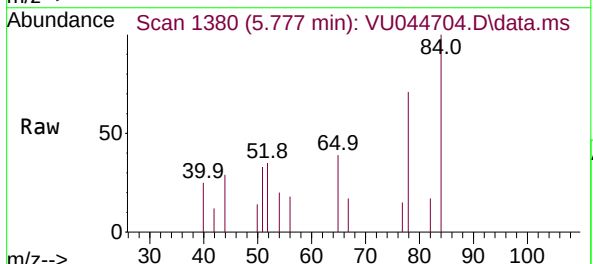
Tgt Ion: 84 Resp: 2958

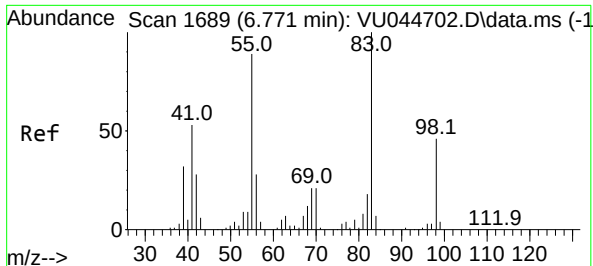
Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.8	85.2
49	126.6	92.9	172.5



#33
Benzene
Concen: 0.063 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 78 Resp: 1241

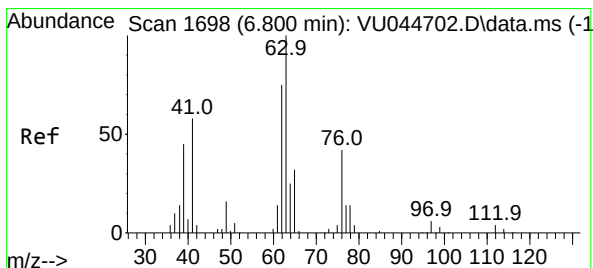
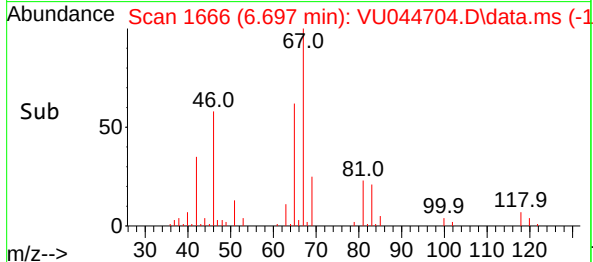
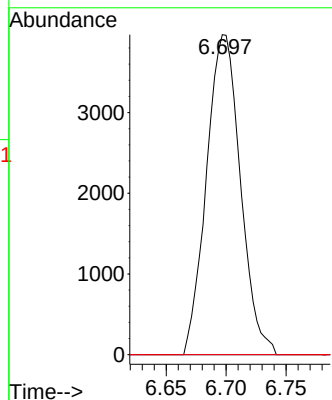
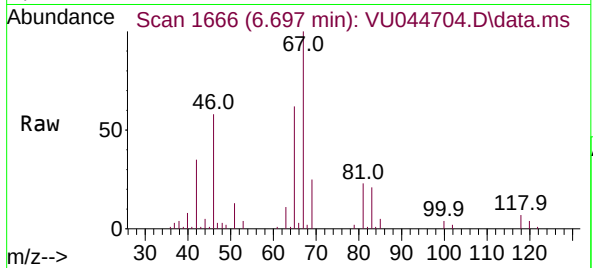




#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

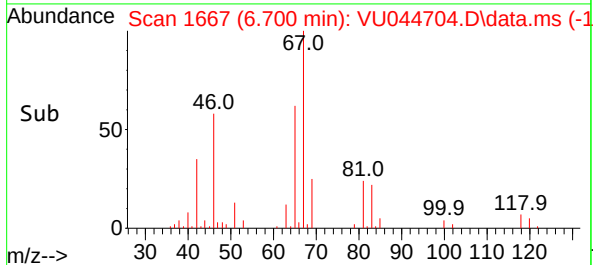
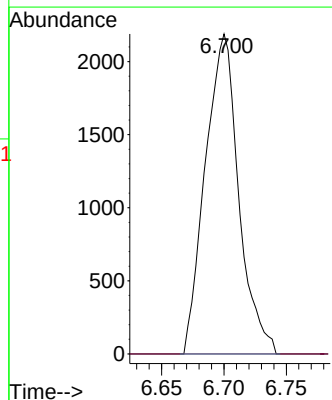
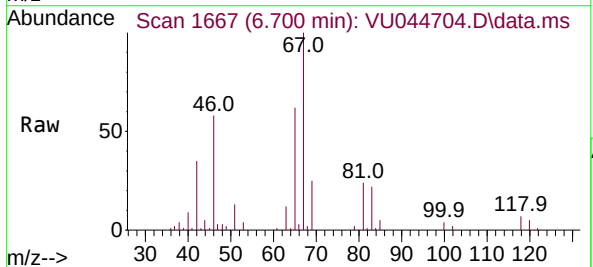
Instrument :
MSVOA_U
ClientSampled :

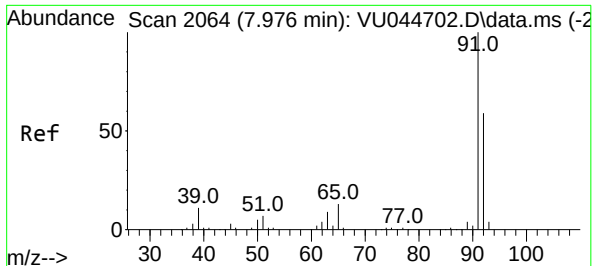
Tgt Ion: 83 Resp: 7804
Ion Ratio Lower Upper
83 100
55 0.0 68.3 102.5#
98 1.4 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.770 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 63 Resp: 4081
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

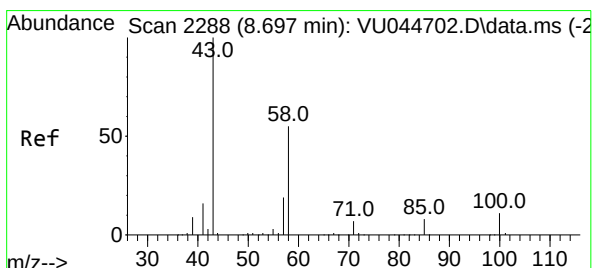
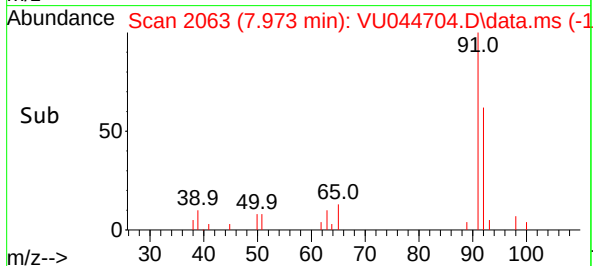
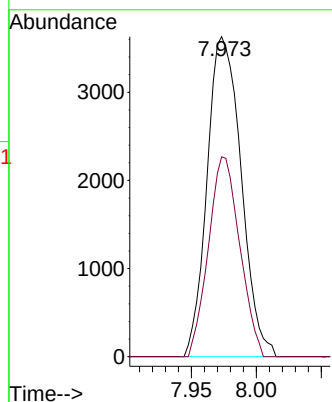
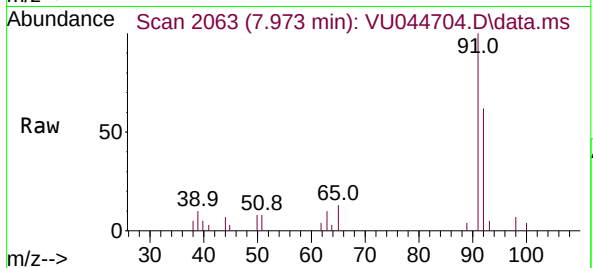




#42
Toluene
Concen: 0.320 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

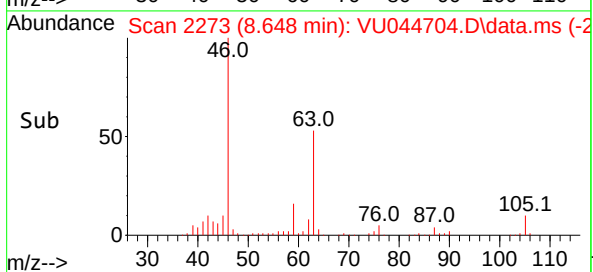
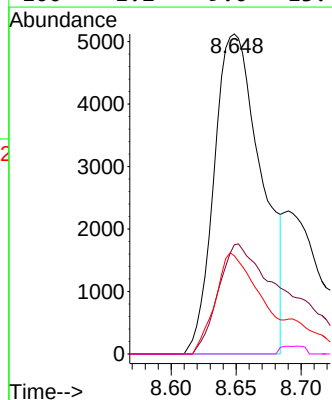
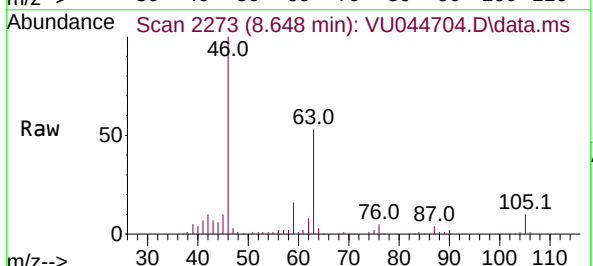
Instrument :
MSVOA_U
ClientSampled :

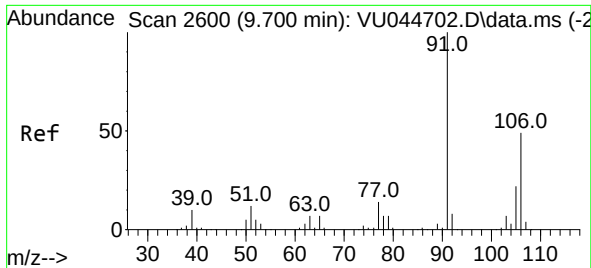
Tgt Ion: 91 Resp: 6611
Ion Ratio Lower Upper
91 100
92 62.5 41.1 76.3



#48
2-Hexanone
Concen: 4.216 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 43 Resp: 12954
Ion Ratio Lower Upper
43 100
58 53.1 44.6 66.8
57 30.3 14.8 22.2#
100 1.2 9.0 13.4#

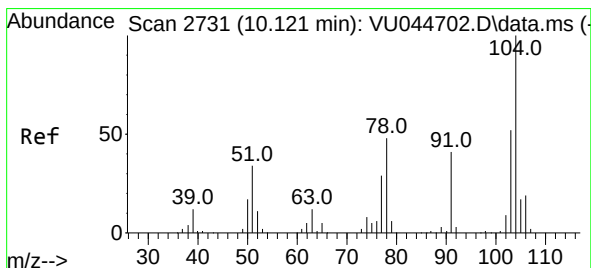
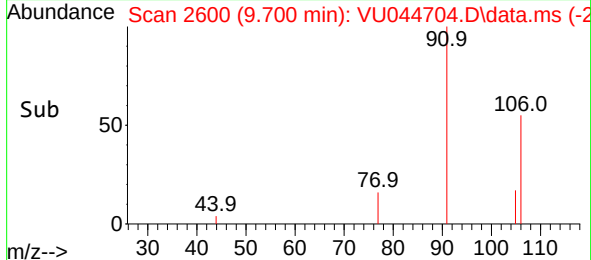
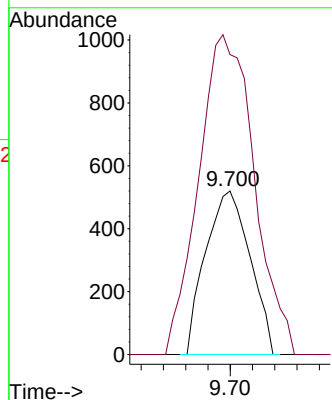
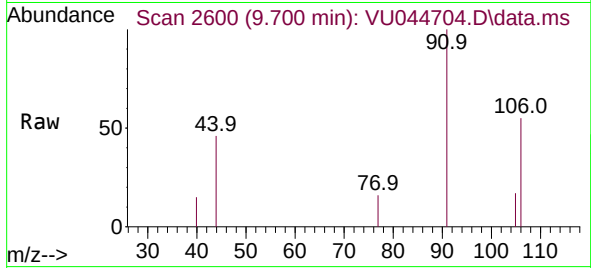




#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

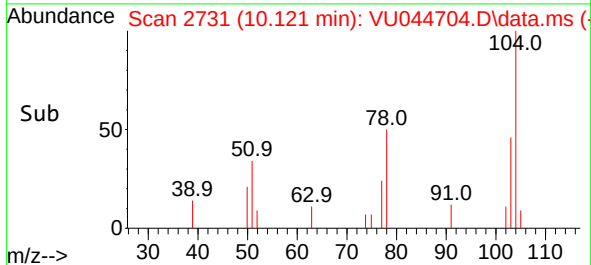
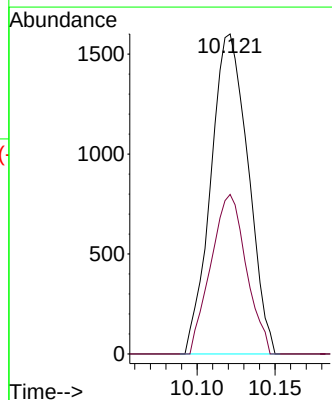
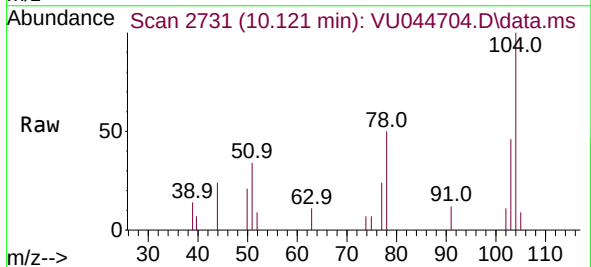
Instrument :
MSVOA_U
ClientSampled :

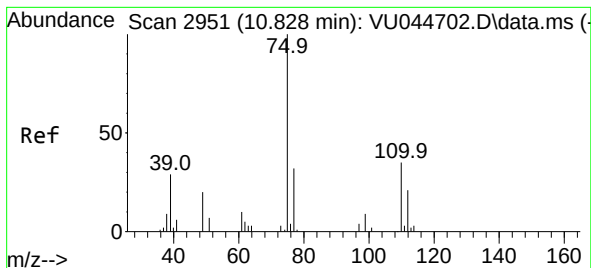
Tgt Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 183.5 144.6 268.6



#55
Styrene
Concen: 0.187 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion:104 Resp: 2663
Ion Ratio Lower Upper
104 100
78 49.8 33.6 62.4

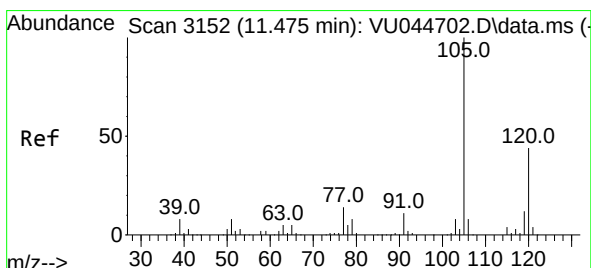
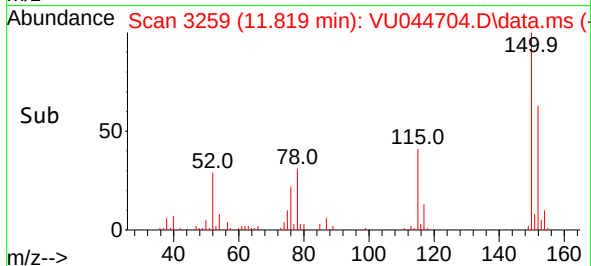
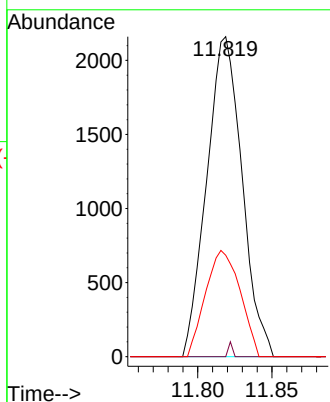
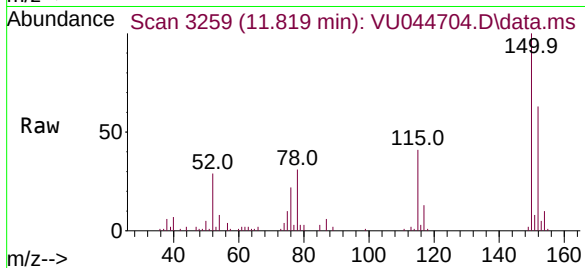




#61
1,2,3-Trichloropropane
Concen: 1.362 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

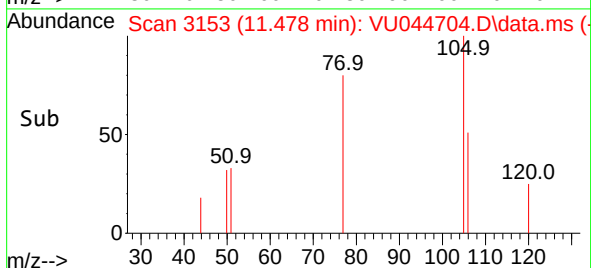
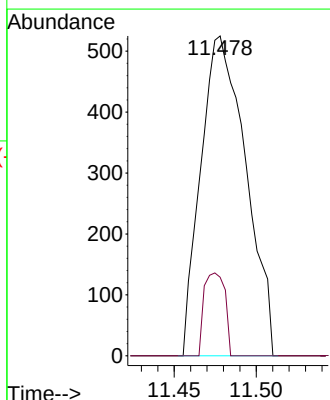
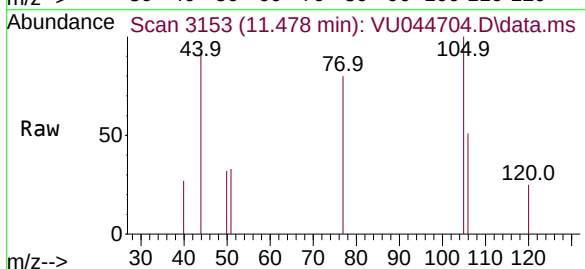
Instrument :
MSVOA_U
ClientSampled :

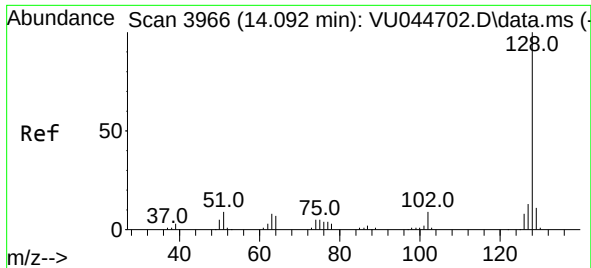
Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
110 0.5 28.8 43.2#
77 32.5 25.9 38.9



#63
1,2,4-Trimethylbenzene
Concen: 0.079 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Tgt Ion: 105 Resp: 1001
Ion Ratio Lower Upper
105 100
120 12.0 35.4 53.2#





#71
Naphthalene
Concen: 0.089 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044704.D
Acq: 20 Sep 2021 13:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 770
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.4 15.6#

