

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044586.D
 Acq On : 07 Sep 2021 16:14
 Operator : SY/MD
 Sample : M3647-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:37:51 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)

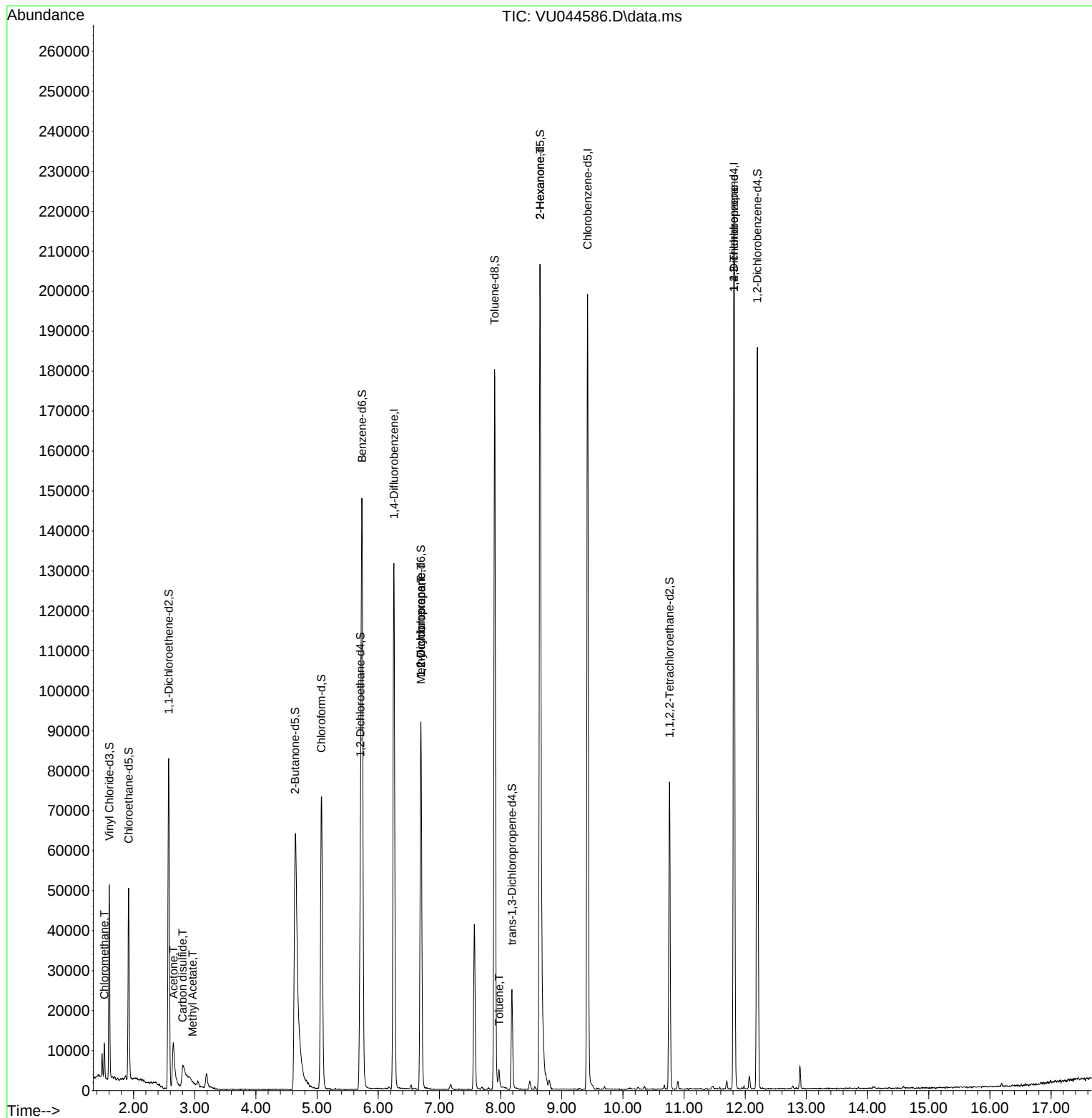
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	59228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34624	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.919	69	36668	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.575	65	15215	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.642	46	102609	41.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.660%
24) Chloroform-d	5.070	84	67432	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.710	65	37977	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.735	84	140061	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.697	67	43656	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.903	98	122840	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.186	79	14740	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.645	63	90327	45.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38342	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	49360	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5669	0.379	ug/L	98
13) Acetone	2.652	43	23064	11.187	ug/L	76
14) Carbon disulfide	2.800	76	2020	0.073	ug/L #	93
15) Methyl Acetate	2.967	43	642	0.191	ug/L #	52
35) Methylcyclohexane	6.700	83	10480	0.656	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	4567	0.450	ug/L #	88
42) Toluene	7.977	91	3244	0.080	ug/L	91
48) 2-Hexanone	8.645	43	10084	2.053	ug/L #	68
61) 1,2,3-Trichloropropane	11.816	75	7075	0.956	ug/L #	69

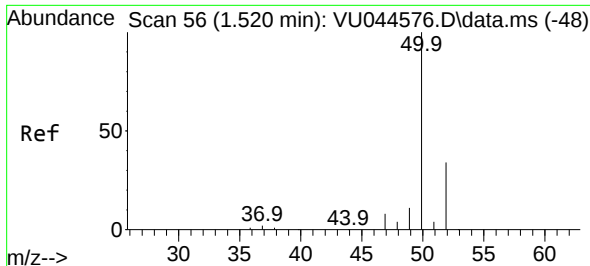
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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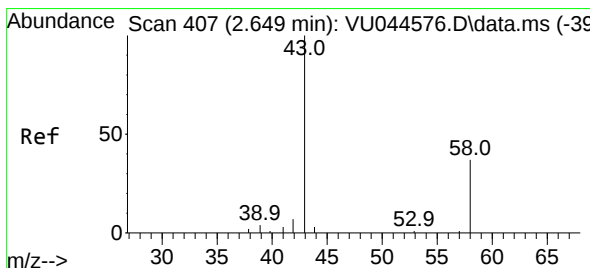
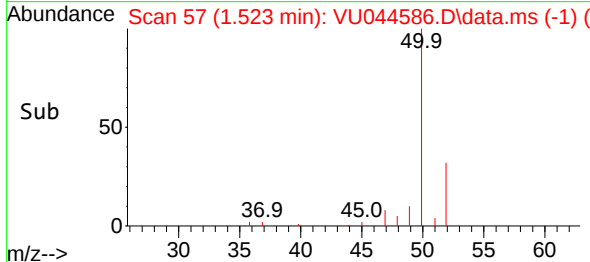
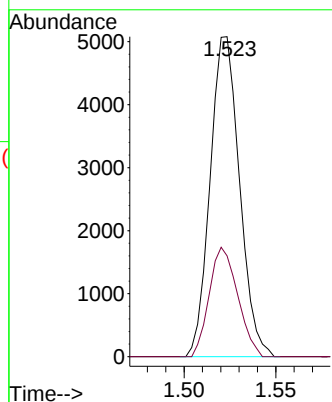
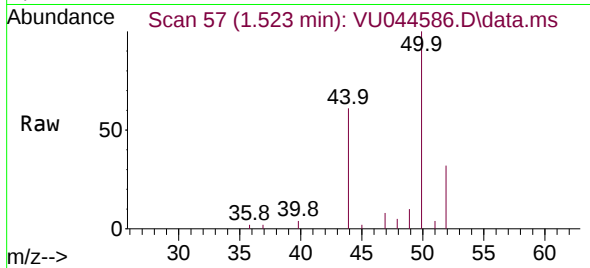




#3
Chloromethane
Concen: 0.379 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

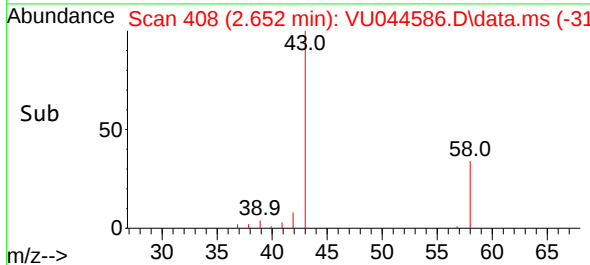
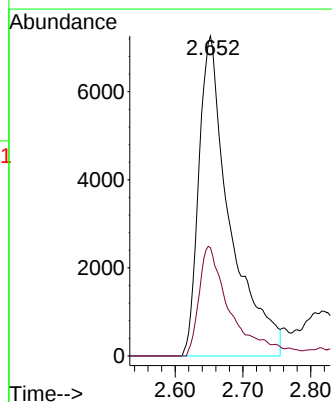
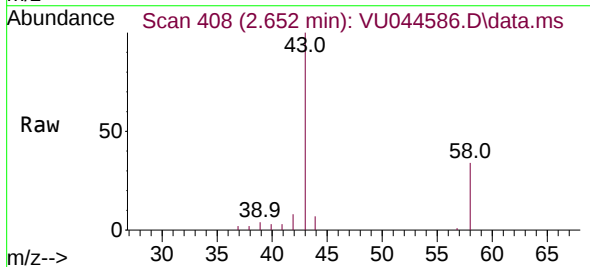
Instrument :
MSVOA_U
ClientSampled :

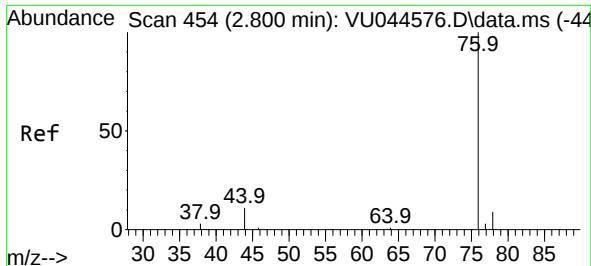
Tgt Ion: 50 Resp: 5669
Ion Ratio Lower Upper
50 100
52 31.5 22.8 42.4



#13
Acetone
Concen: 11.187 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

Tgt Ion: 43 Resp: 23064
Ion Ratio Lower Upper
43 100
58 34.1 0.0 45.4

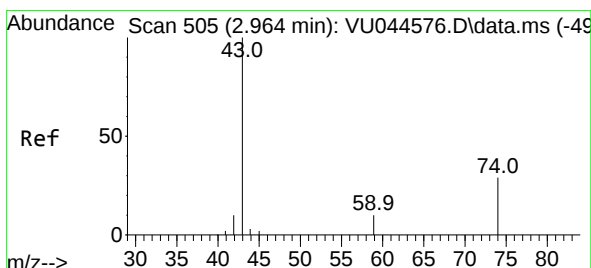
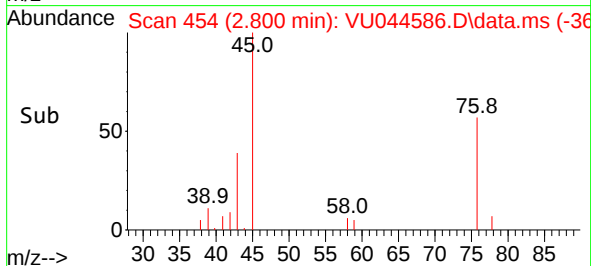
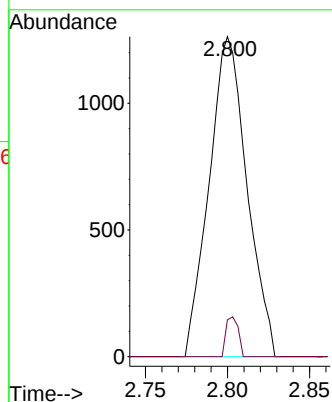
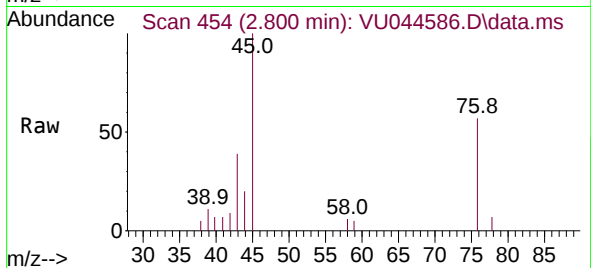




#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

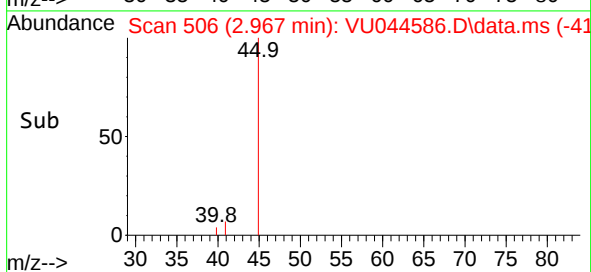
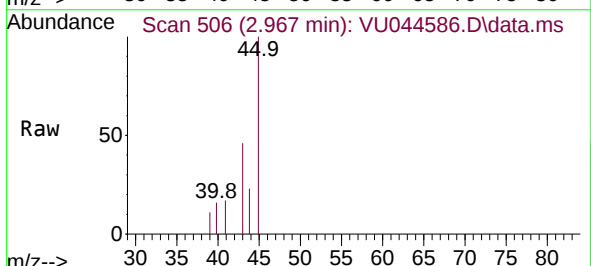
Instrument :
MSVOA_U
ClientSampled :

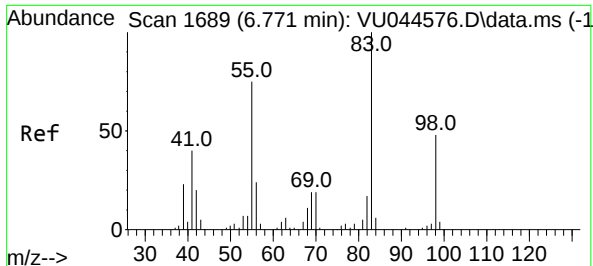
Tgt Ion: 76 Resp: 2020
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#



#15
Methyl Acetate
Concen: 0.191 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

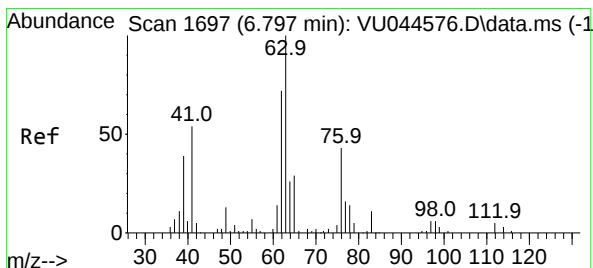
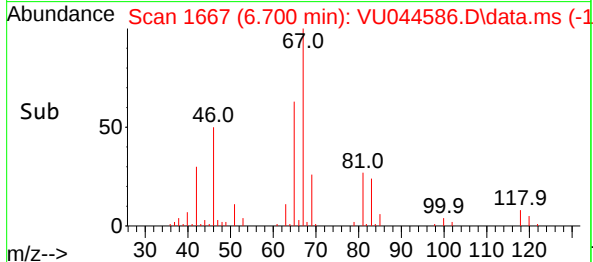
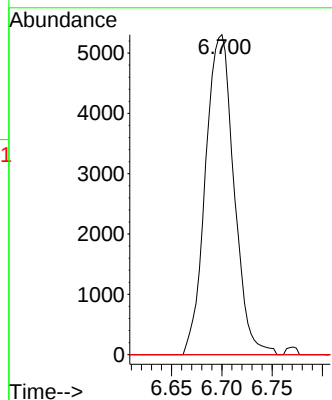
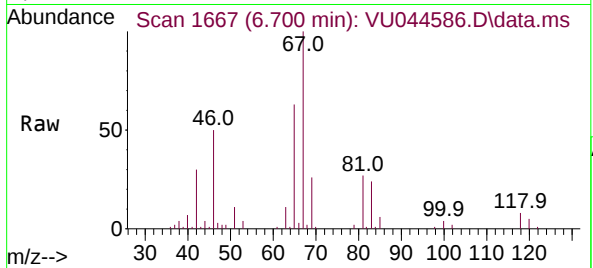




#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

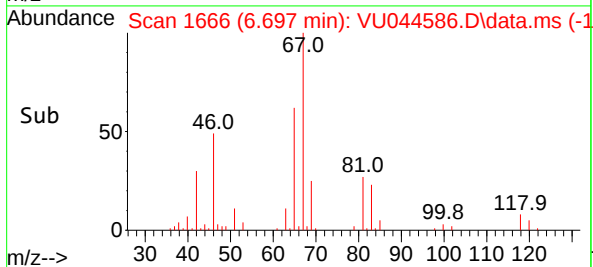
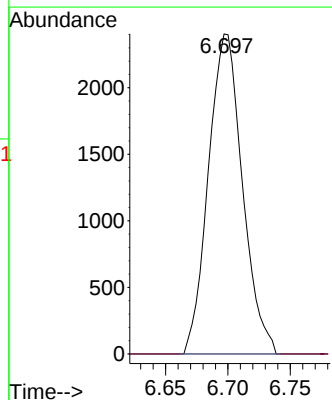
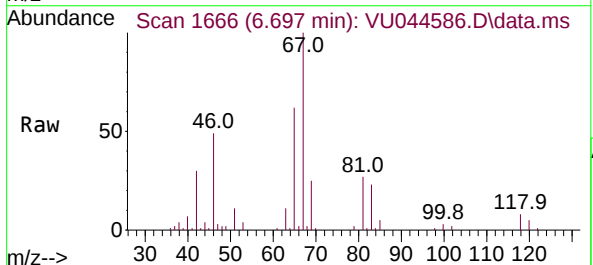
Instrument :
MSVOA_U
ClientSampleId :

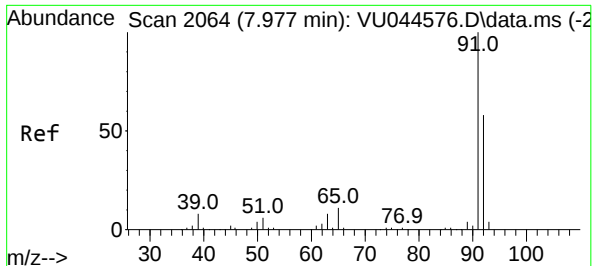
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.0	37.5	56.3#



#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

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

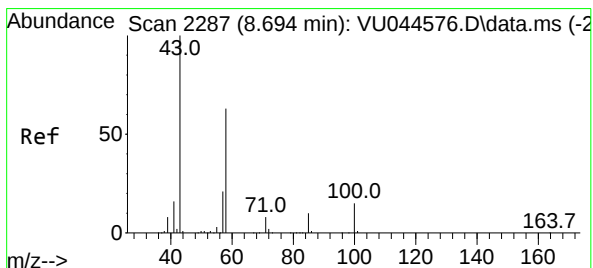
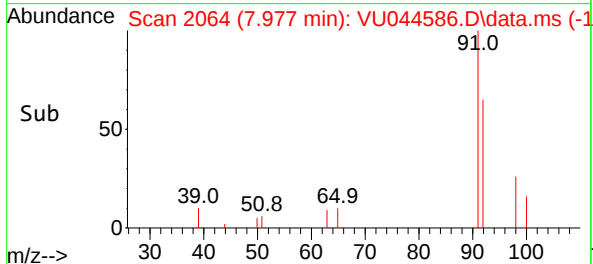
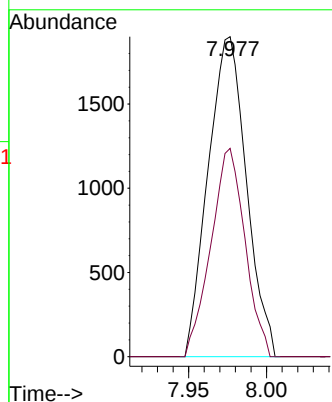
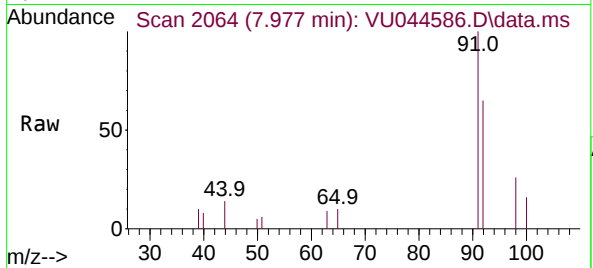




#42
Toluene
Concen: 0.080 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

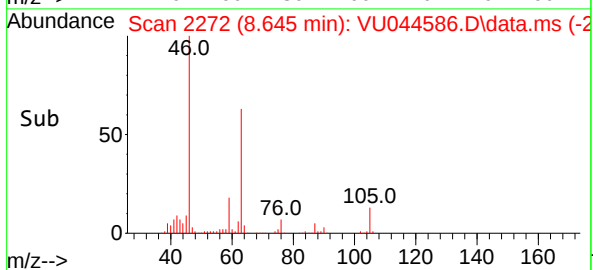
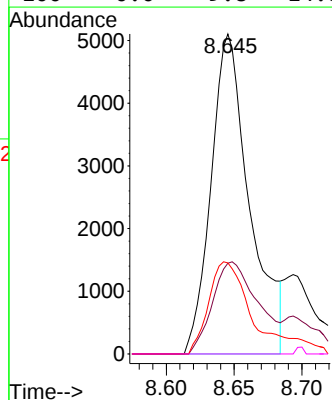
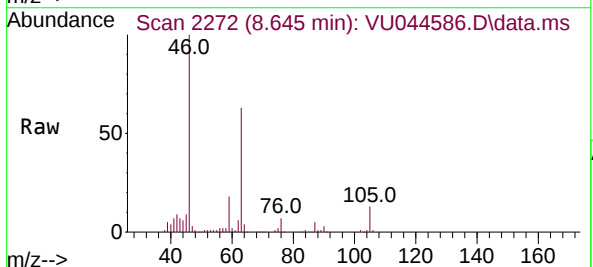
Instrument :
MSVOA_U
ClientSampled :

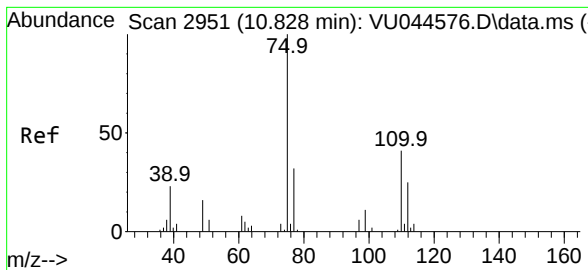
Tgt Ion: 91 Resp: 3244
Ion Ratio Lower Upper
91 100
92 65.1 40.7 75.5



#48
2-Hexanone
Concen: 2.053 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044586.D
Acq: 07 Sep 2021 16:14

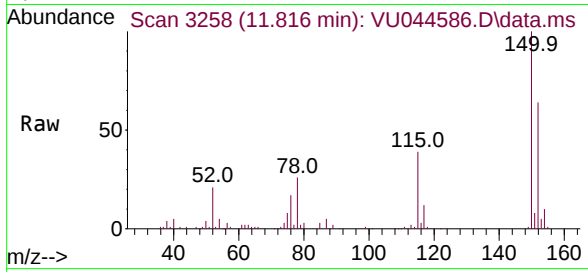
Tgt Ion: 43 Resp: 10084
Ion Ratio Lower Upper
43 100
58 34.2 46.5 69.7#
57 33.7 15.8 23.8#
100 0.0 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.956 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044586.D
 Acq: 07 Sep 2021 16:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7075
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.4 42.6#
 77 32.1 26.5 39.7

