

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044289.D
 Acq On : 01 Jul 2021 16:26
 Operator : SY/MD
 Sample : M2905-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

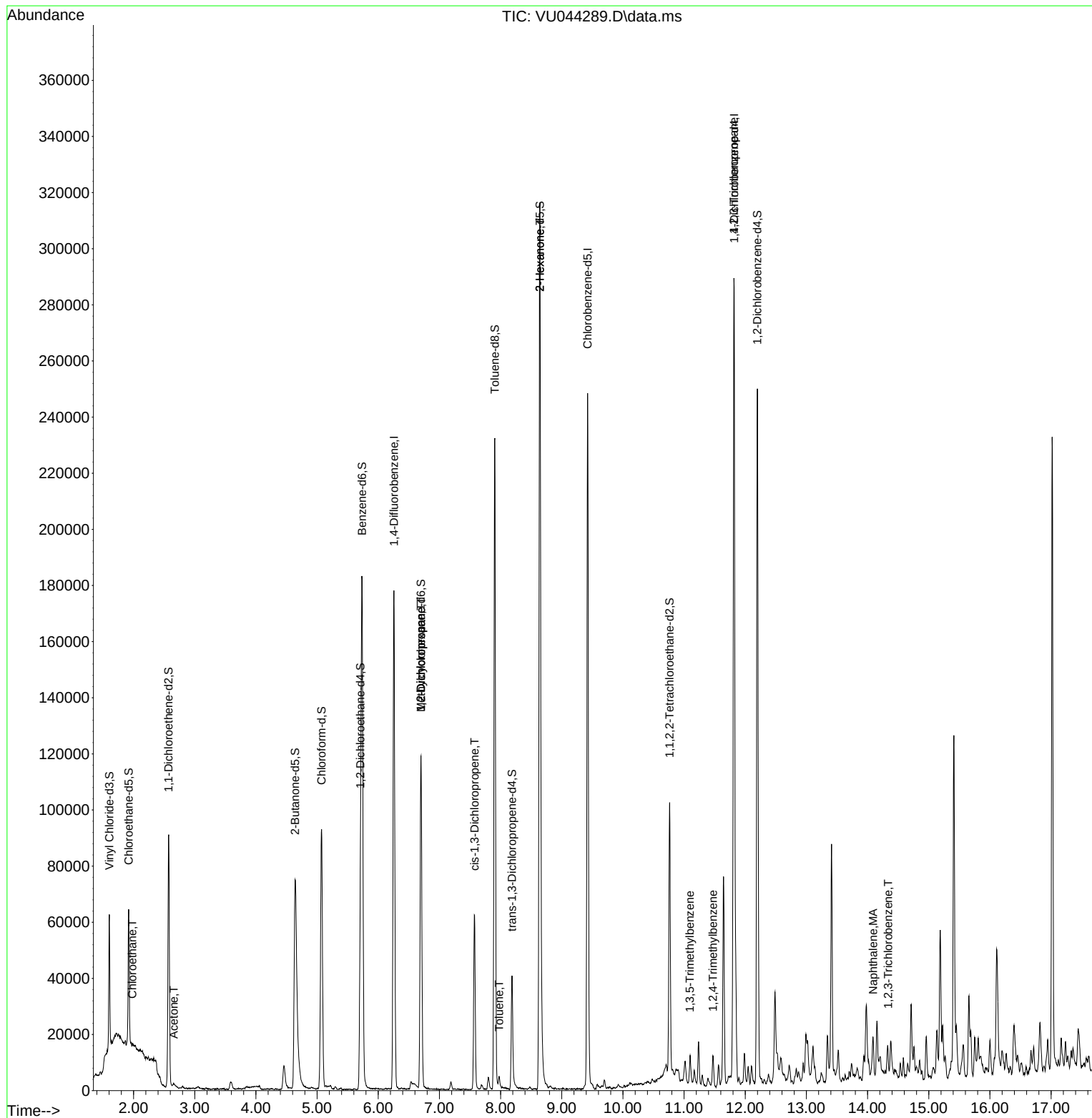
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	139923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31487	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.919	69	35216	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.571	65	17243	4.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.642	46	153219	54.922	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	5.073	84	84101	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.710	65	50069	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.735	84	163546	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.700	67	53338	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.906	98	150743	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.185	79	21926	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.642	63	125427	53.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45321	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	61993	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
8) Chloroethane	1.980	64	1051	0.156	ug/L #	51
13) Acetone	2.655	43	2108	1.690	ug/L	85
35) Methylcyclohexane	6.697	83	12707	0.820	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	6122	0.669	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1683	0.112	ug/L #	73
42) Toluene	7.976	91	2791	0.073	ug/L	91
48) 2-Hexanone	8.642	43	16710	3.224	ug/L #	65
61) 1,2,3-Trichloropropane	11.815	75	8571	1.343	ug/L #	46
62) 1,3,5-Trimethylbenzene	11.095	105	2024	0.054	ug/L	90
63) 1,2,4-Trimethylbenzene	11.471	105	5987	0.156	ug/L	92
71) Naphthalene	14.092	128	7050	0.311	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.336	180	816	0.075	ug/L #	62

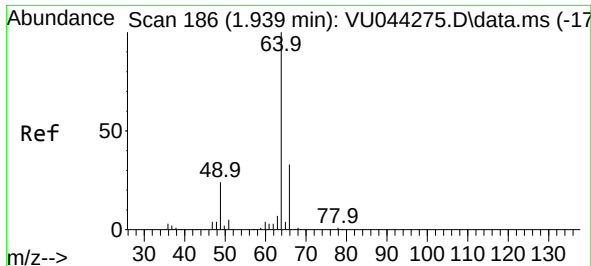
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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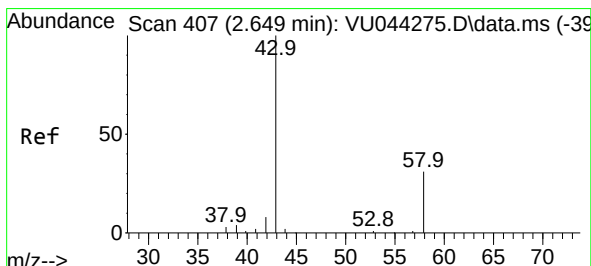
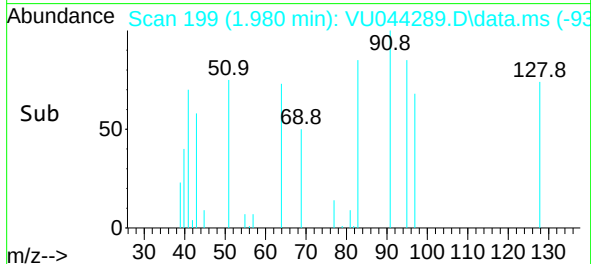
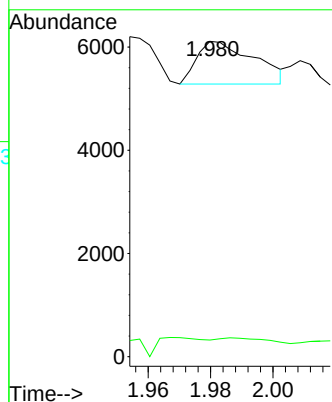
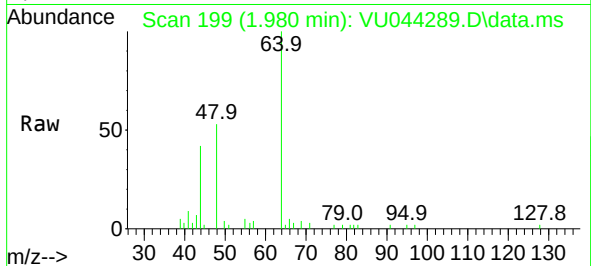




#8
Chloroethane
Concen: 0.156 ug/L
RT: 1.980 min Scan# 199
Delta R.T. 0.041 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

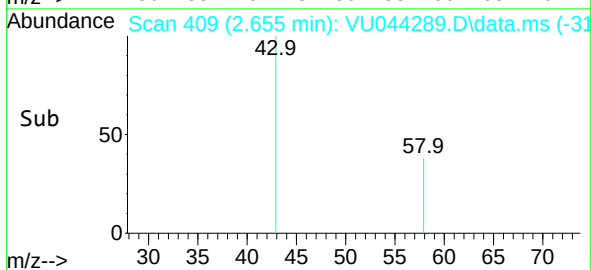
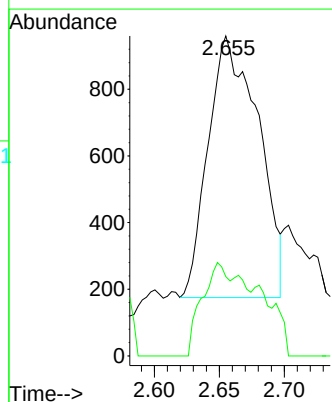
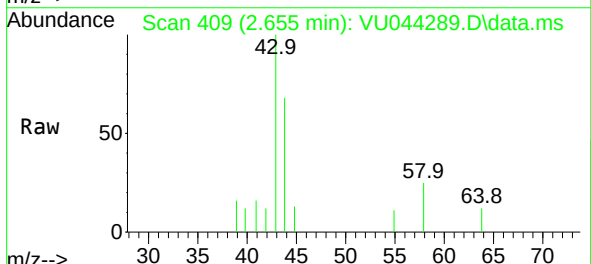
Instrument :
MSVOA_U
ClientSampled :

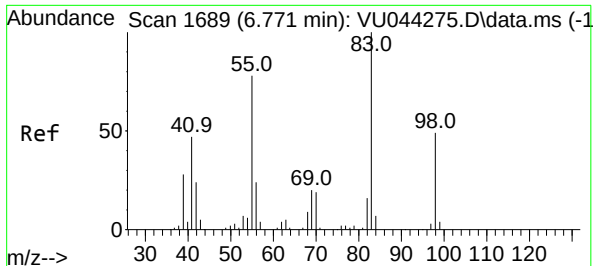
Tgt Ion: 64 Resp: 1051
Ion Ratio Lower Upper
64 100
66 5.3 22.7 42.3#



#13
Acetone
Concen: 1.690 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.006 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Tgt Ion: 43 Resp: 2108
Ion Ratio Lower Upper
43 100
58 19.0 0.0 53.8





#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.697 min Scan# 1666

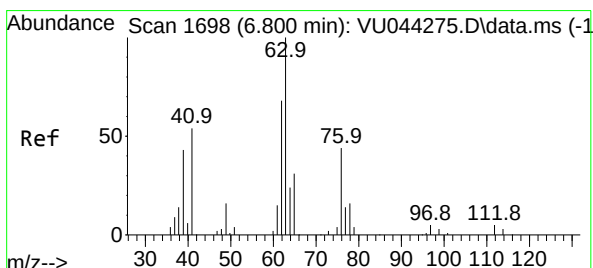
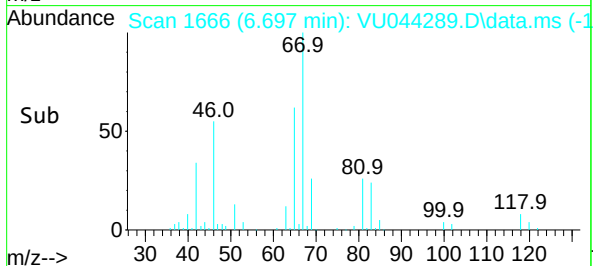
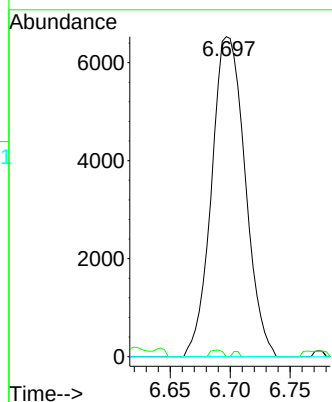
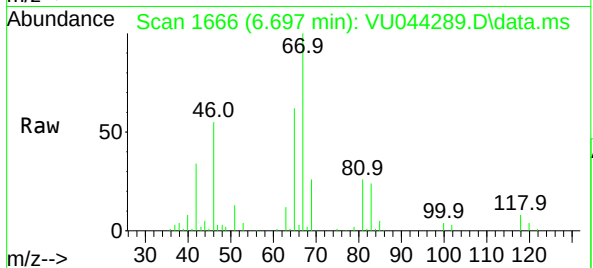
Delta R.T. -0.074 min

Lab File: VU044289.D

Acq: 01 Jul 2021 16:26

Tgt Ion:	83	Resp:	12707
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.0#
98	0.0	39.4	59.0#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.669 ug/L

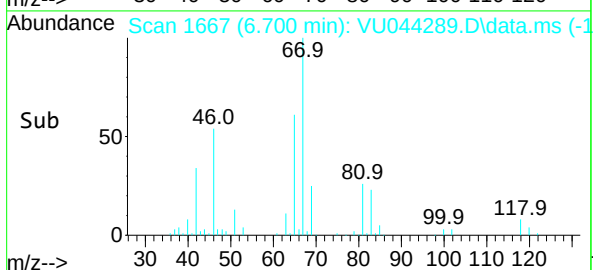
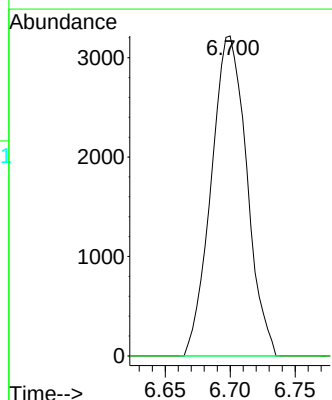
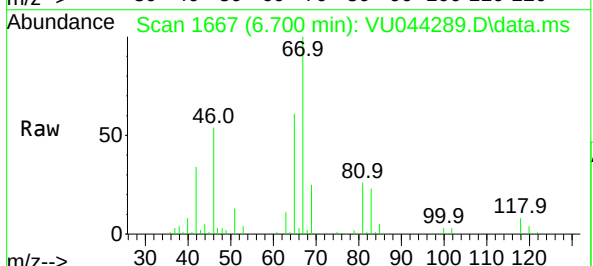
RT: 6.700 min Scan# 1667

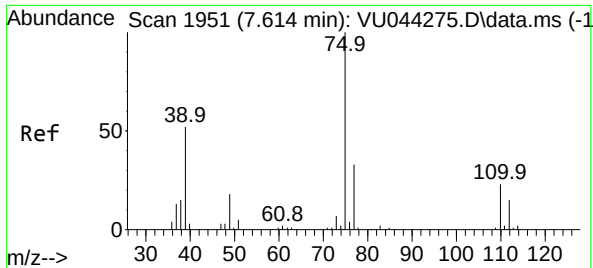
Delta R.T. -0.100 min

Lab File: VU044289.D

Acq: 01 Jul 2021 16:26

Tgt Ion:	63	Resp:	6122
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



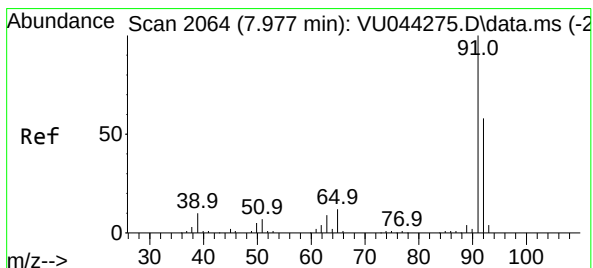
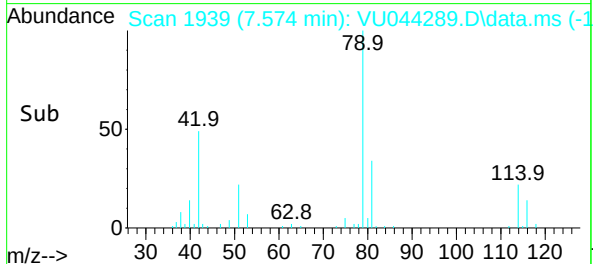
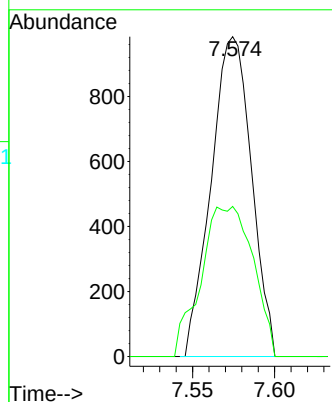
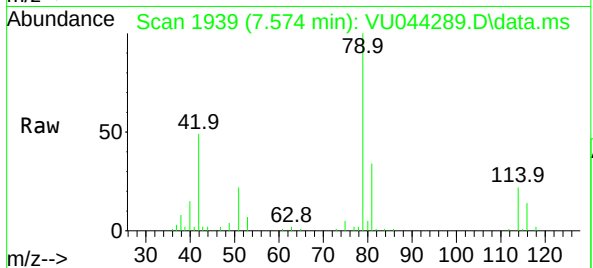


#39

cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Instrument :
MSVOA_U
ClientSampled :

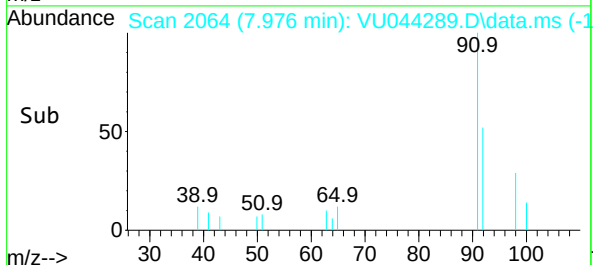
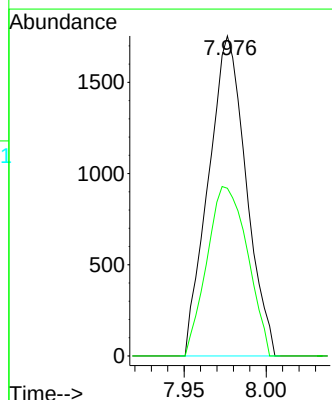
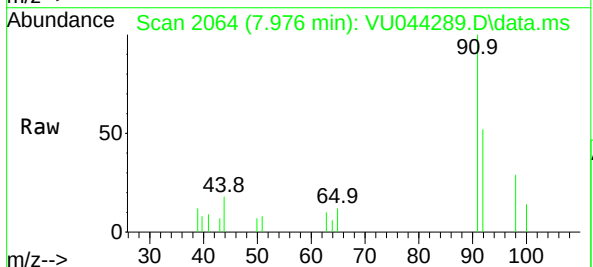
Tgt Ion: 75 Resp: 1683
Ion Ratio Lower Upper
75 100
77 47.0 22.5 41.7#

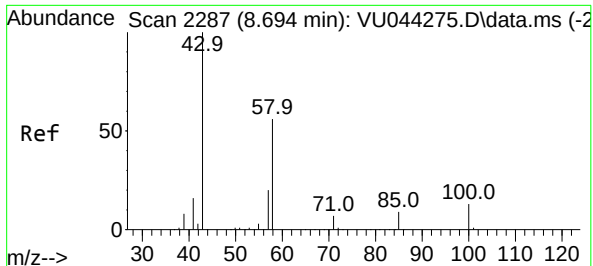


#42

Toluene
Concen: 0.073 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.001 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Tgt Ion: 91 Resp: 2791
Ion Ratio Lower Upper
91 100
92 52.4 41.2 76.6

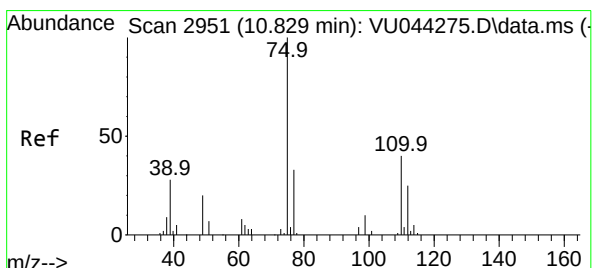
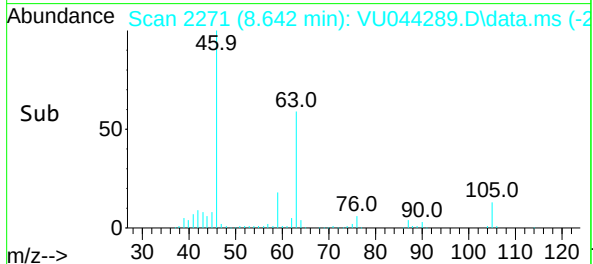
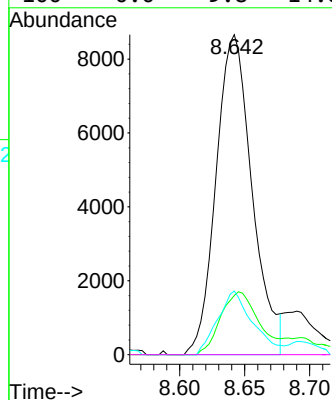
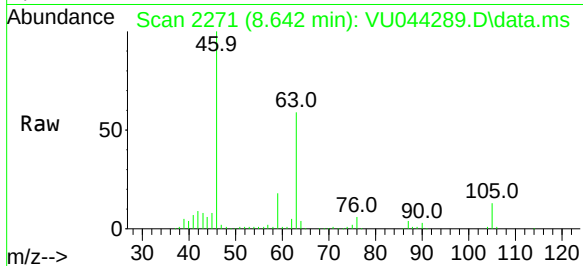




#48
2-Hexanone
Concen: 3.224 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.052 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

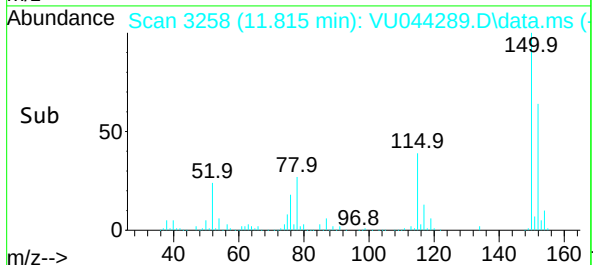
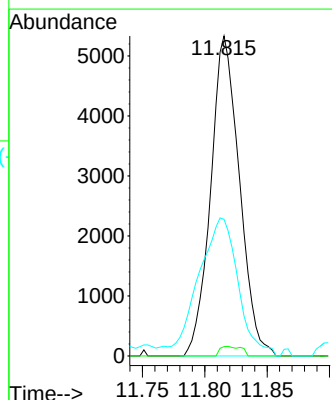
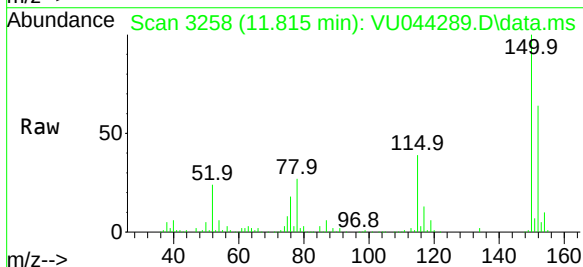
Instrument :
MSVOA_U
ClientSampleId :

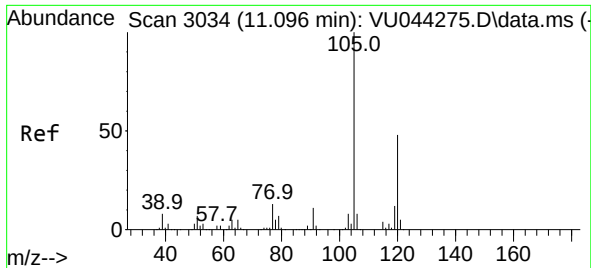
Tgt Ion: 43 Resp: 16710
Ion Ratio Lower Upper
43 100
58 20.9 44.7 67.1#
57 19.7 15.7 23.5
100 0.0 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Tgt Ion: 75 Resp: 8571
Ion Ratio Lower Upper
75 100
110 2.2 30.5 45.7#
77 59.5 26.1 39.1#

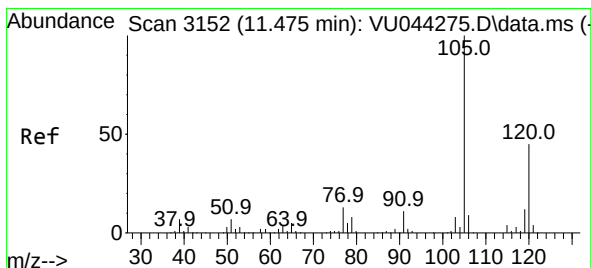
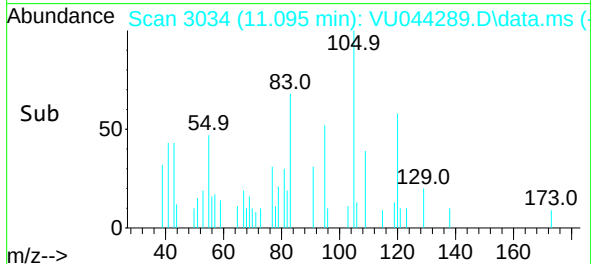
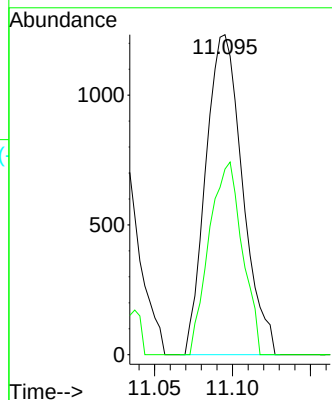
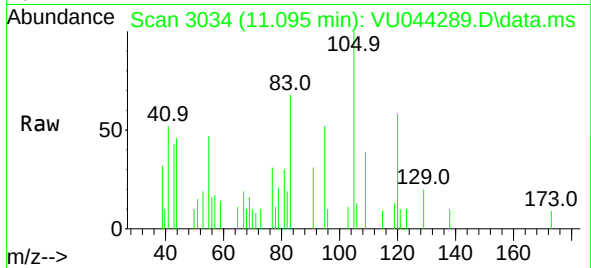




#62
 1,3,5-Trimethylbenzene
 Concen: 0.054 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.001 min
 Lab File: VU044289.D
 Acq: 01 Jul 2021 16:26

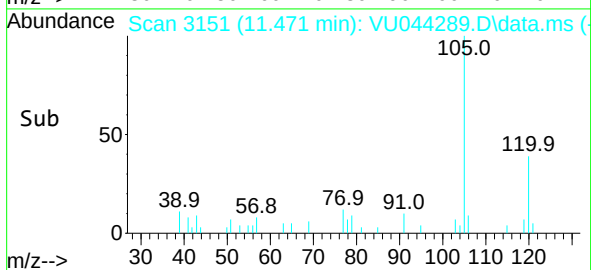
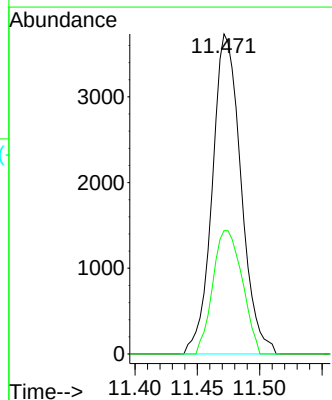
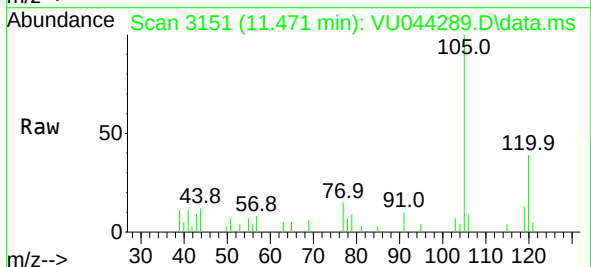
Instrument :
 MSVOA_U
 ClientSampled :

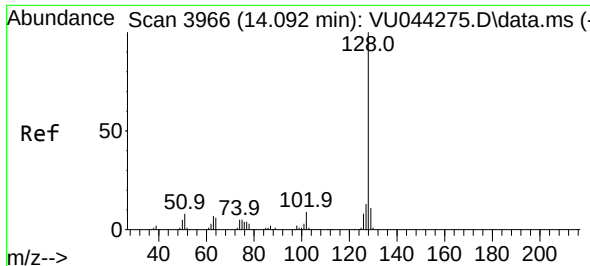
Tgt Ion:105 Resp: 2024
 Ion Ratio Lower Upper
 105 100
 120 54.3 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.156 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.004 min
 Lab File: VU044289.D
 Acq: 01 Jul 2021 16:26

Tgt Ion:105 Resp: 5987
 Ion Ratio Lower Upper
 105 100
 120 39.3 35.6 53.4

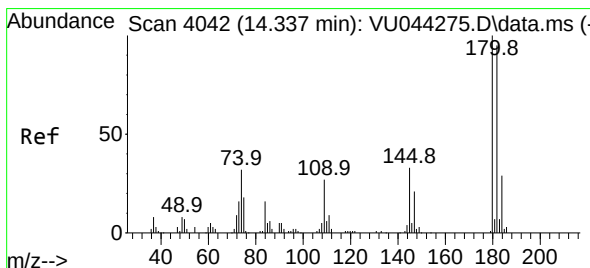
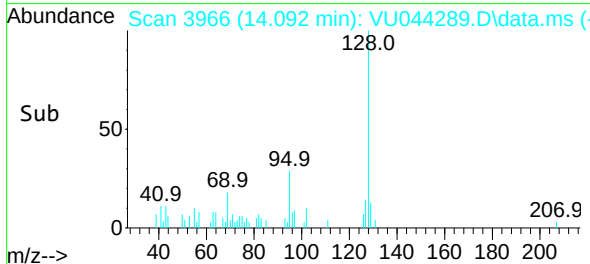
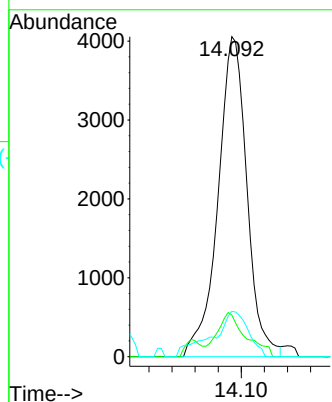
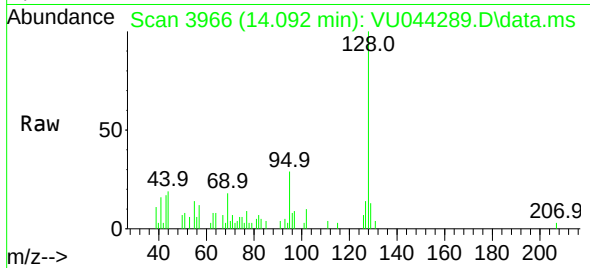




#71
Naphthalene
Concen: 0.311 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.001 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 7050
Ion Ratio Lower Upper
128 100
129 13.4 8.9 13.3#
127 17.7 10.3 15.5#



#72
1,2,3-Trichlorobenzene
Concen: 0.075 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.001 min
Lab File: VU044289.D
Acq: 01 Jul 2021 16:26

Tgt Ion:180 Resp: 816
Ion Ratio Lower Upper
180 100
182 106.7 76.4 114.6
145 97.7 26.5 39.7#

