

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042816.D
 Acq On : 29 Mar 2021 15:10
 Operator : SY/MD
 Sample : M1846-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33MS

Quant Time: Mar 30 01:15:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90516	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	43054	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21849	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	18994	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.575	63	55333	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.652	46	71476	36.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.16%
24) Chloroform-d	5.073	84	49229	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.713	65	31479	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.735	84	88422	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.700	67	30342	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.906	98	80733	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloroprop...	8.189	79	13002	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.648	63	68279	43.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26088	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	34575	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

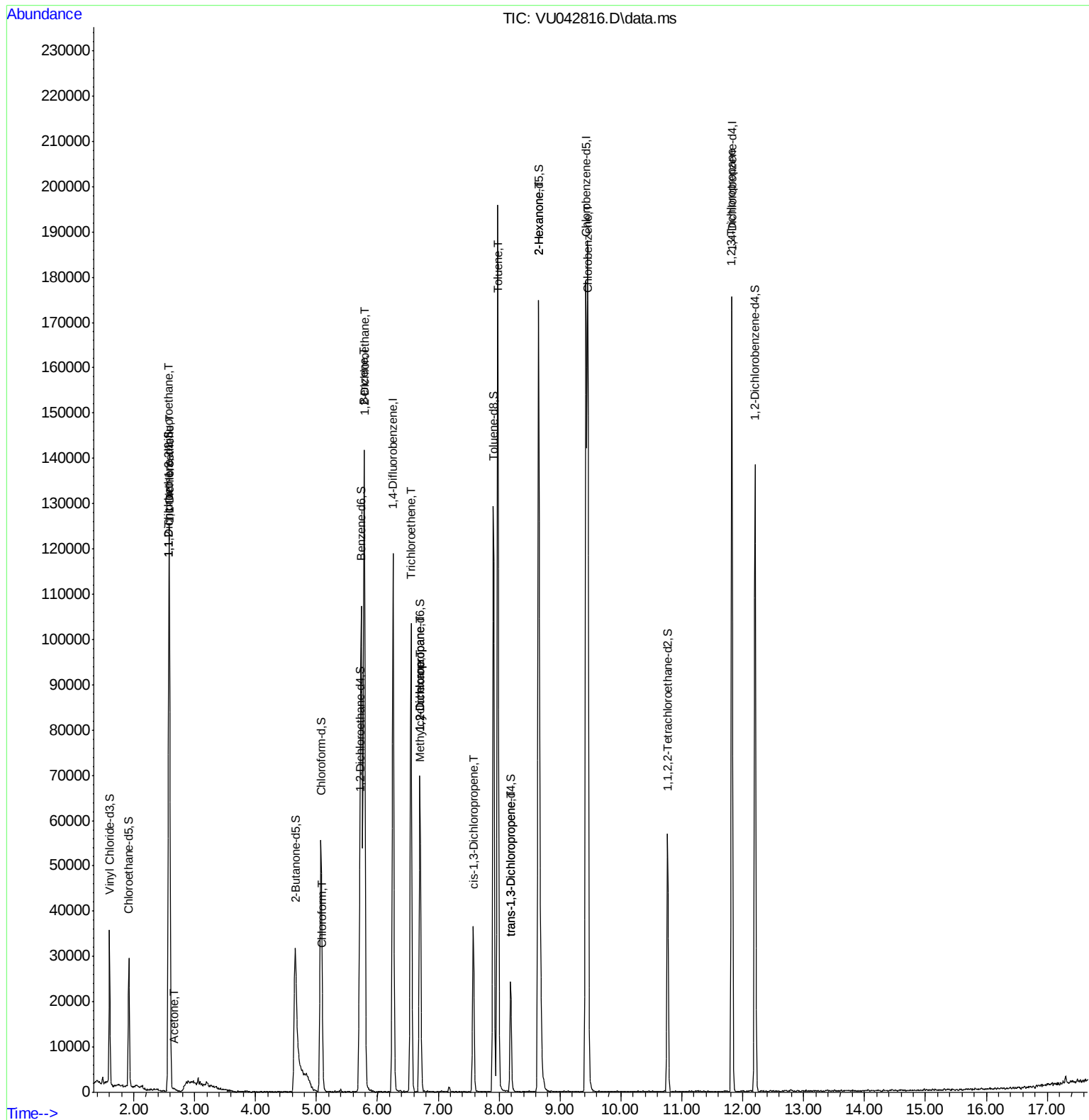
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	367	0.05	ug/L	# 18
12) 1,1-Dichloroethene	2.588	96	27095	4.25	ug/L	88
13) Acetone	2.665	43	1237	0.81	ug/L	53
25) Chloroform	5.096	83	2258	0.17	ug/L	90
27) 1,2-Dichloroethane	5.787	62	995	0.10	ug/L	# 75
33) Benzene	5.784	78	124232	4.47	ug/L	100
34) Trichloroethene	6.552	95	33335	4.32	ug/L	98
35) Methylcyclohexane	6.706	83	6901	0.59	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	3586	0.48	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	898	0.08	ug/L	94
42) Toluene	7.976	91	134223	4.42	ug/L	97
44) trans-1,3-Dichloropropene	8.189	75	648	0.06	ug/L	# 52
48) 2-Hexanone	8.648	43	11504	2.38	ug/L	# 67
51) Chlorobenzene	9.455	112	87104	4.49	ug/L	99
59) 1,2,3-Trichloropropane	11.819	75	5734	1.02	ug/L	93

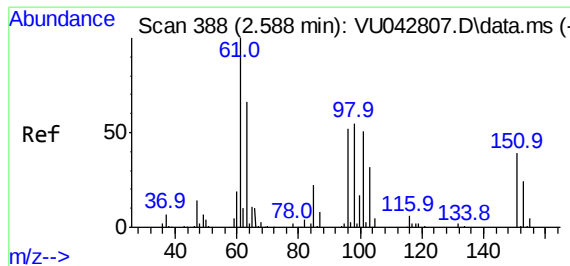
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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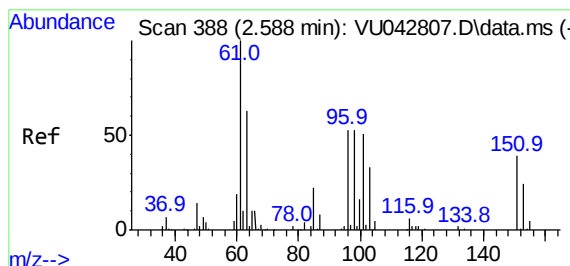
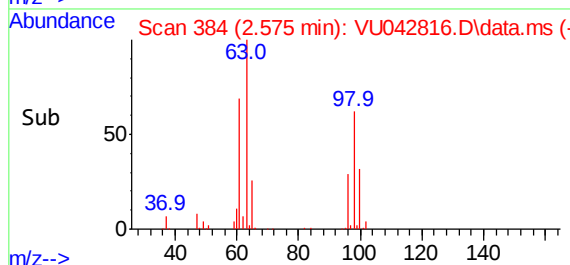
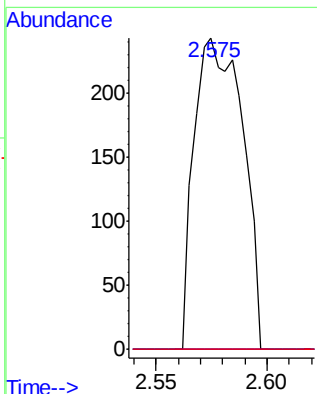
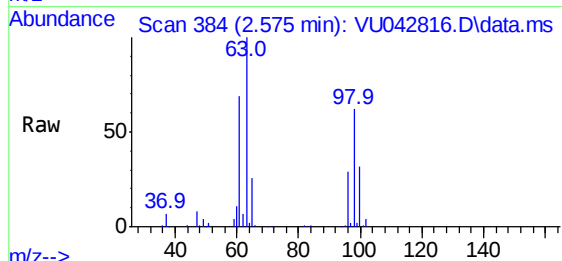




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042816.D
 Acq: 29 Mar 2021 15:10

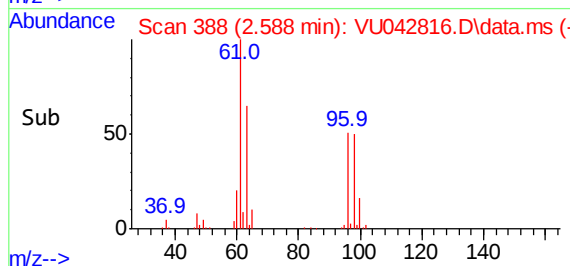
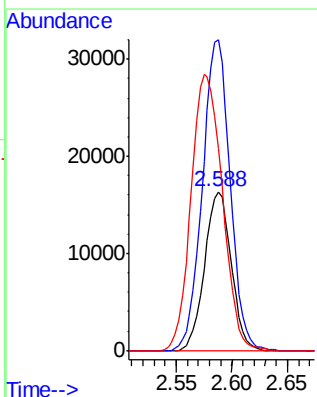
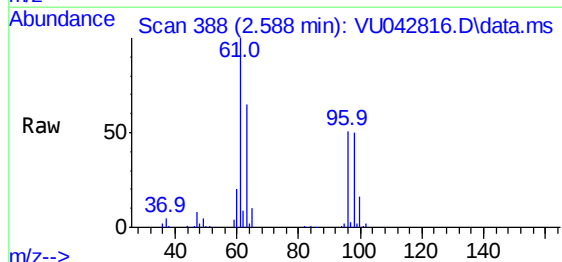
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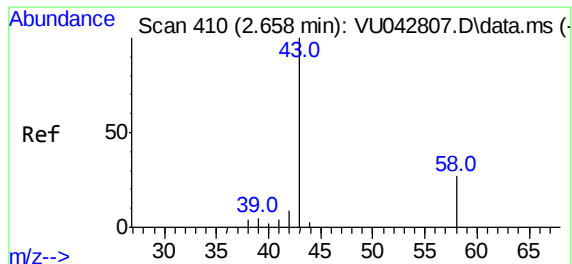
Tgt Ion:101 Resp: 367
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 4.25 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042816.D
 Acq: 29 Mar 2021 15:10

Tgt Ion: 96 Resp: 27095
 Ion Ratio Lower Upper
 96 100
 61 195.8 126.2 234.4
 63 126.9 77.8 144.4

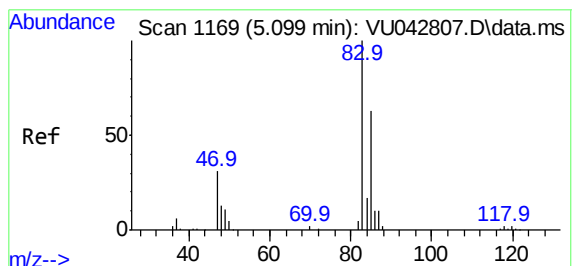
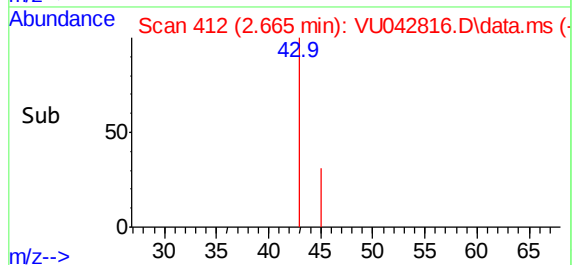
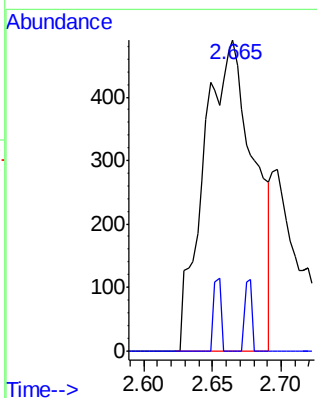
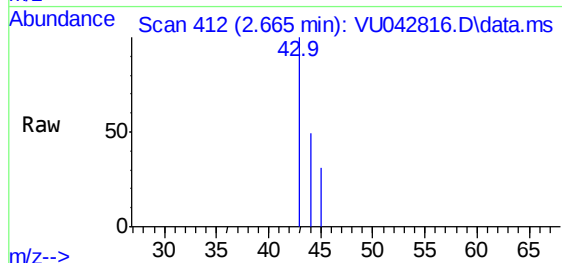




#13
Acetone
Concen: 0.81 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

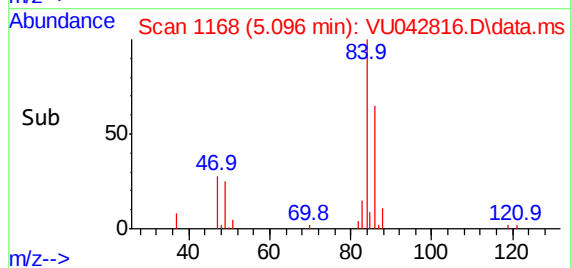
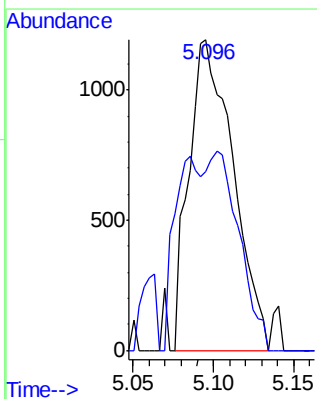
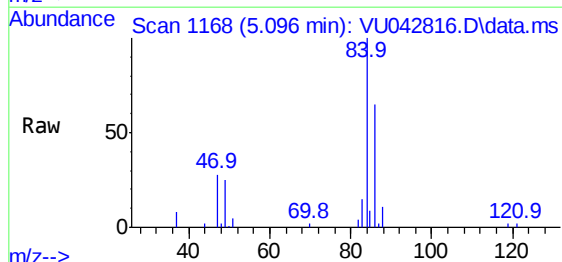
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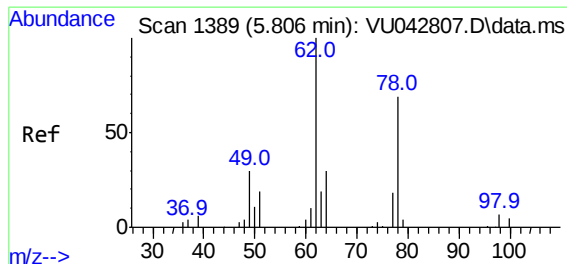
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 3.5 0.0 55.8



#25
Chloroform
Concen: 0.17 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 83 Resp: 2258
Ion Ratio Lower Upper
83 100
85 57.5 45.7 84.9

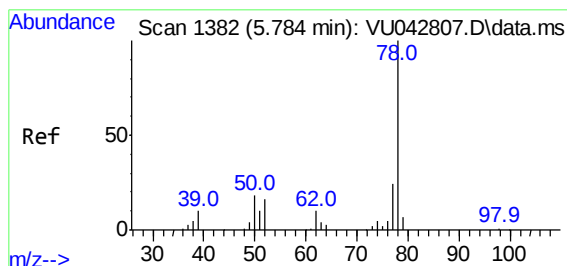
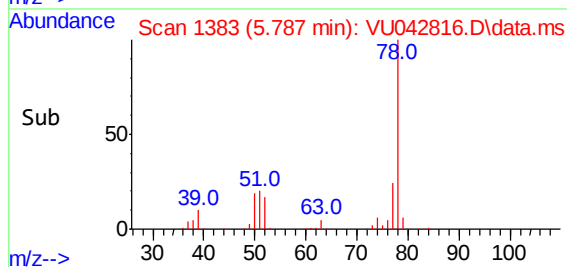
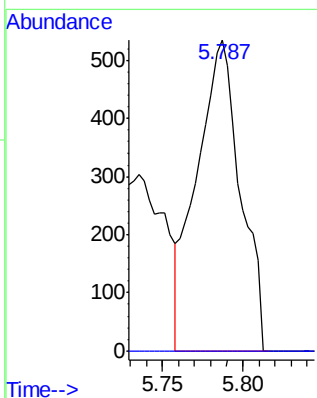
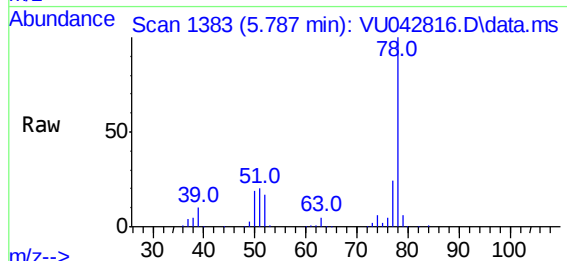




#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.019 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

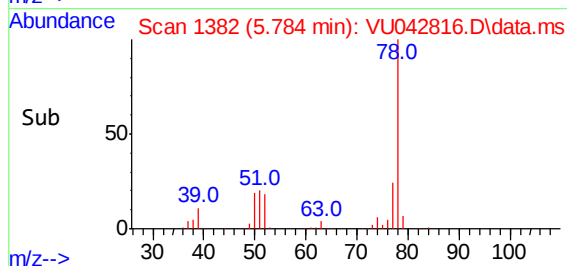
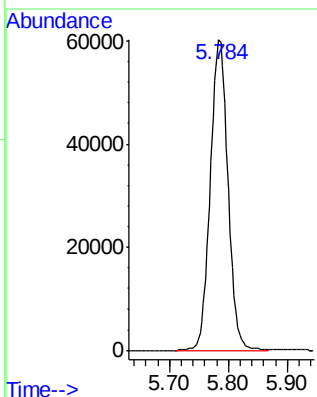
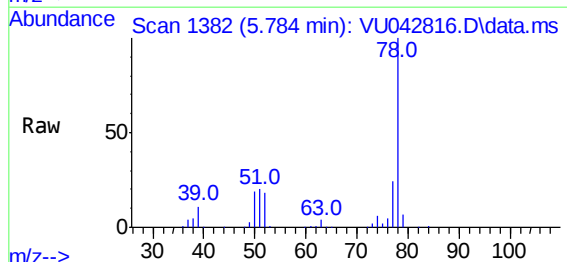
Instrument :
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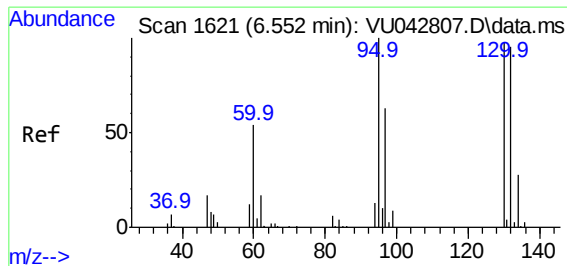
Tgt Ion: 62 Resp: 995
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 4.47 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 78 Resp: 124232

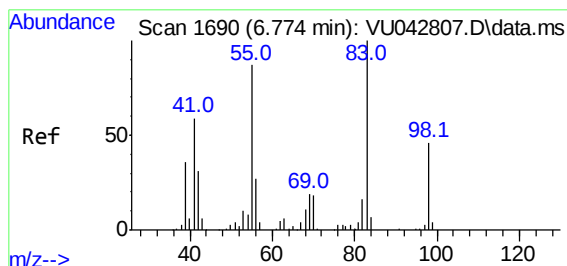
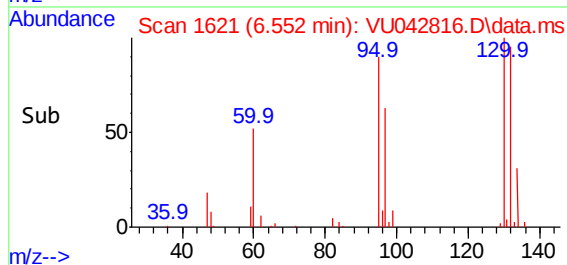
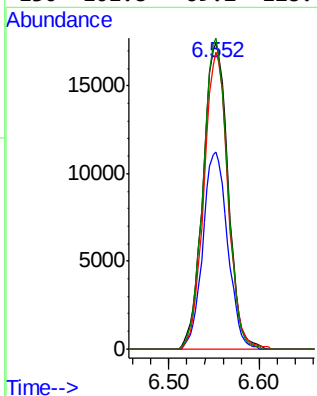
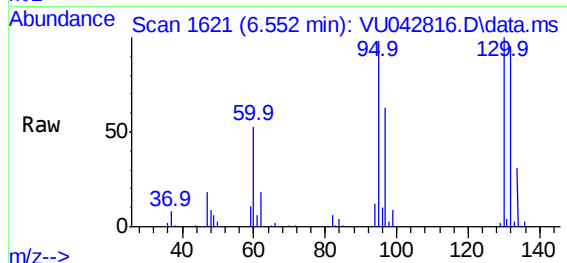




#34
Trichloroethene
Concen: 4.32 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

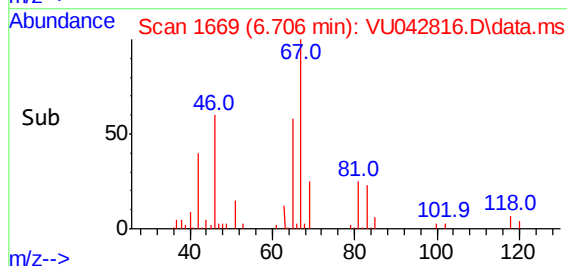
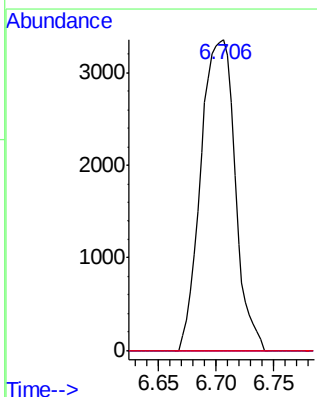
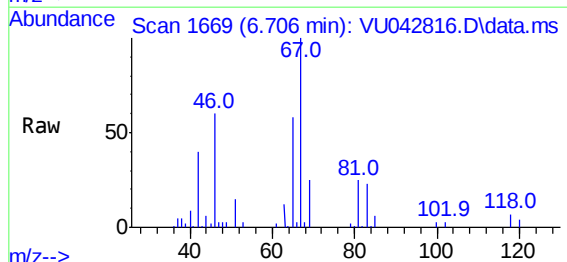
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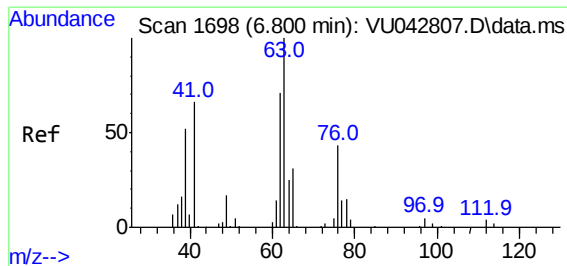
Tgt Ion: 95 Resp: 33335
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 97.2 68.0 126.4
130 101.8 69.2 128.4



#35
Methylcyclohexane
Concen: 0.59 ug/L
RT: 6.706 min Scan# 1669
Delta R.T. -0.067 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 83 Resp: 6901
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 7.8 39.7 59.5#

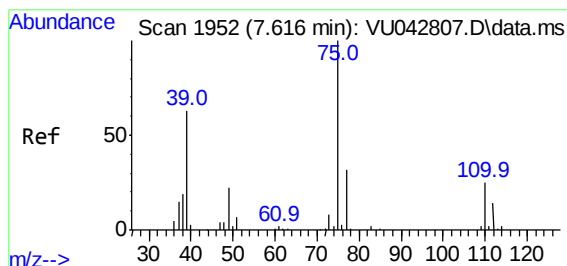
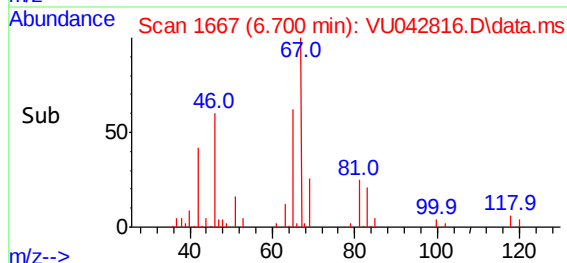
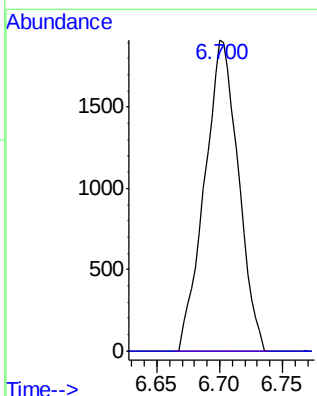
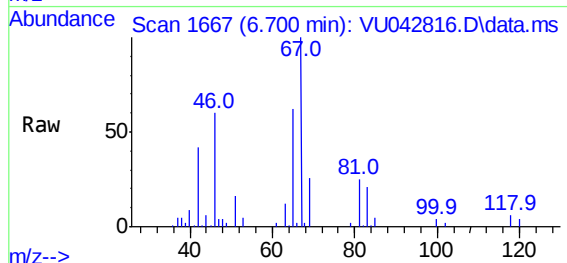




#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

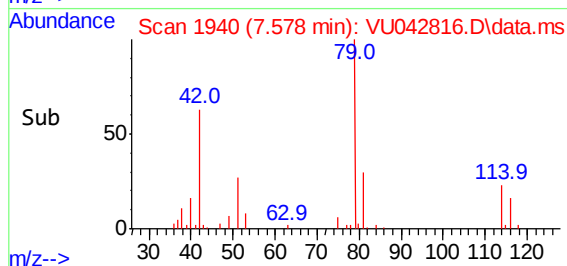
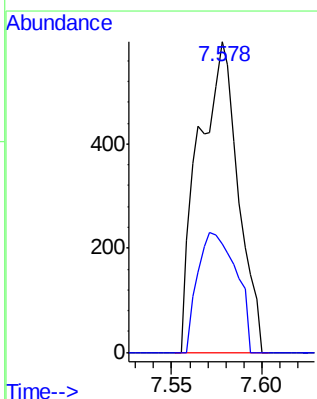
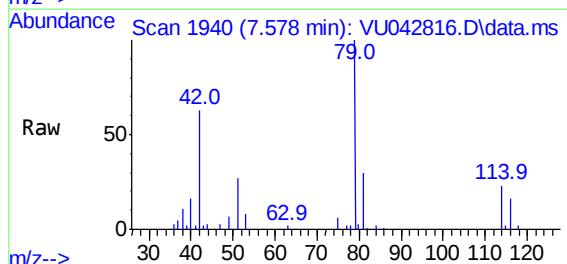
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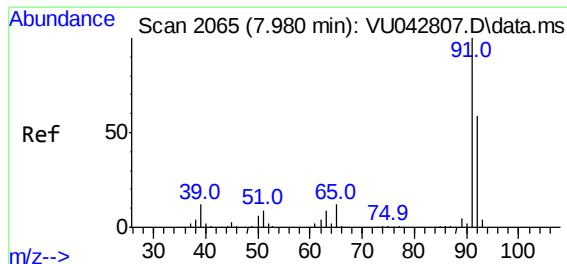
Tgt Ion: 63 Resp: 3586
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
77 34.9 22.0 40.8

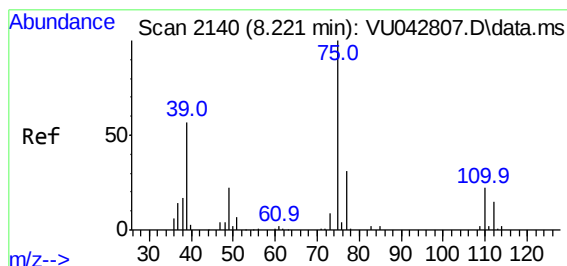
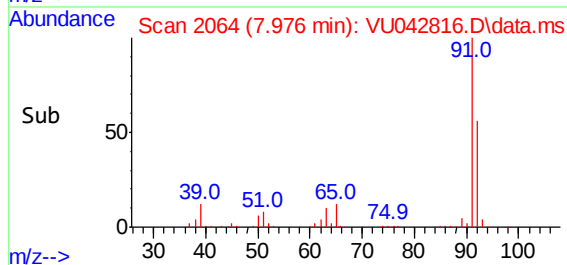
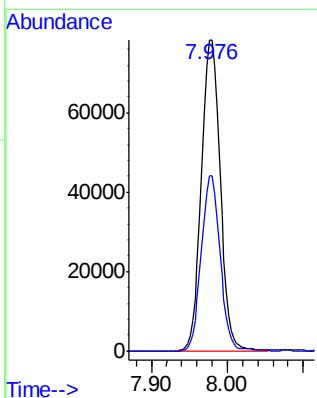
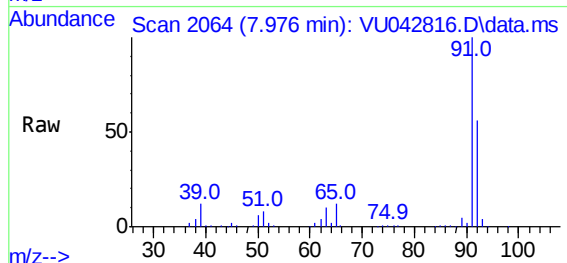




#42
Toluene
Concen: 4.42 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

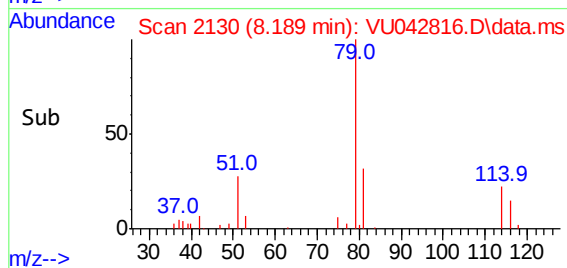
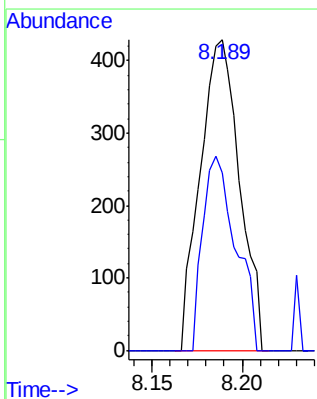
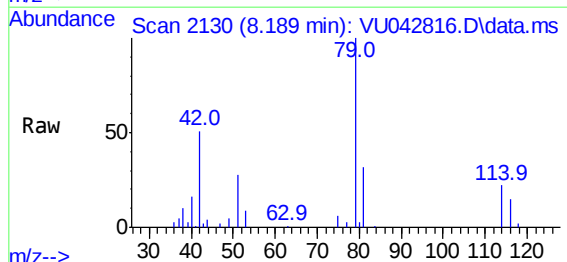
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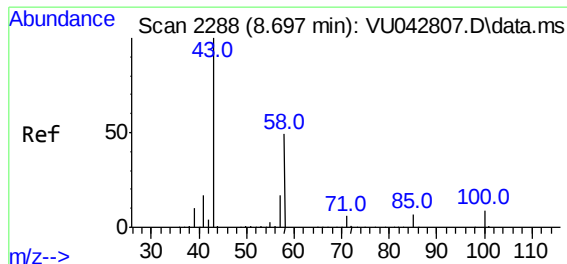
Tgt Ion: 91 Resp: 134223
Ion Ratio Lower Upper
91 100
92 56.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
77 57.3 21.8 40.4#

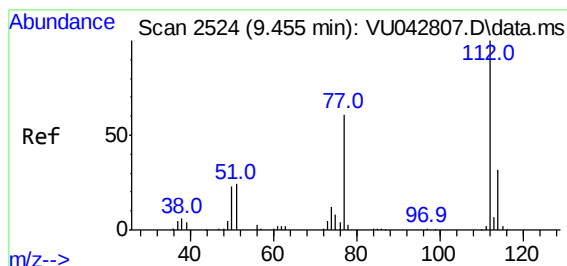
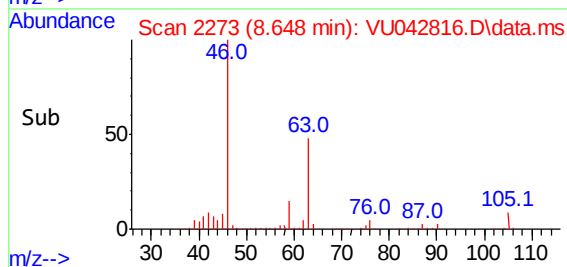
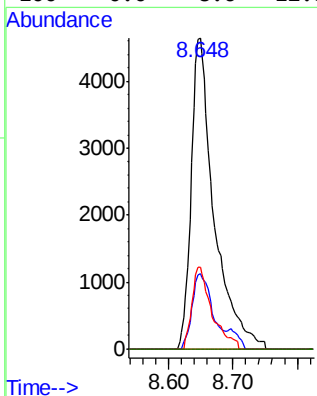
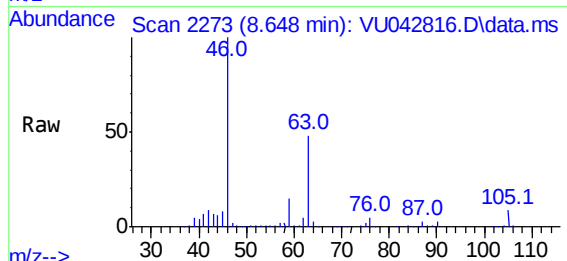




#48
2-Hexanone
Concen: 2.38 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

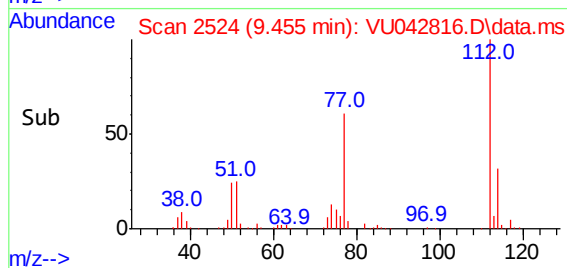
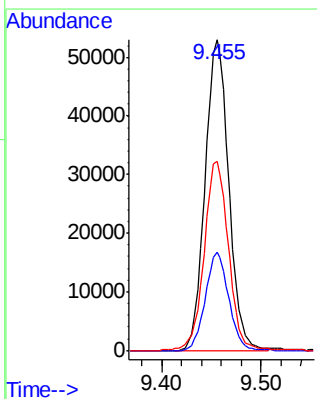
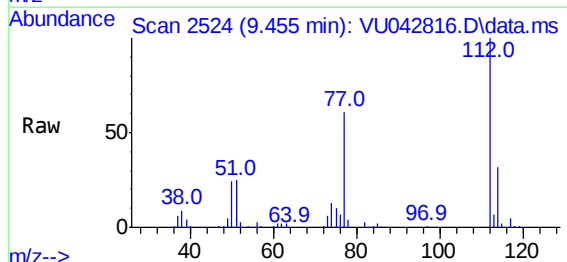
Instrument :
MSVOA_U
ClientSampleId :
YAR33MS

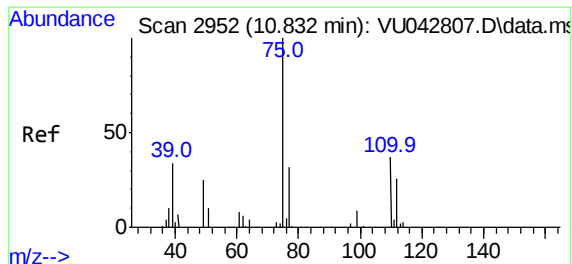
Tgt Ion:	43	Resp:	11504
Ion	Ratio	Lower	Upper
43	100		
58	21.7	40.6	61.0#
57	22.9	14.9	22.3#
100	0.0	8.6	12.8#



#51
Chlorobenzene
Concen: 4.49 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

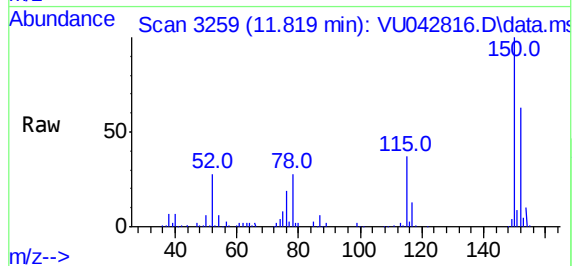
Tgt Ion:	112	Resp:	87104
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	41.0
77	61.0	49.8	74.6





#59
1,2,3-Trichloropropane
Concen: 1.02 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042816.D
Acq: 29 Mar 2021 15:10

Instrument :
MSVOA_U
ClientSampleId :
YAR33MS



Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
77 36.6 26.0 39.0

