

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042135.D
 Acq On : 21 Jan 2021 03:34
 Operator : SY/MD
 Sample : L1180-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E88

Quant Time: Jan 21 06:07:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

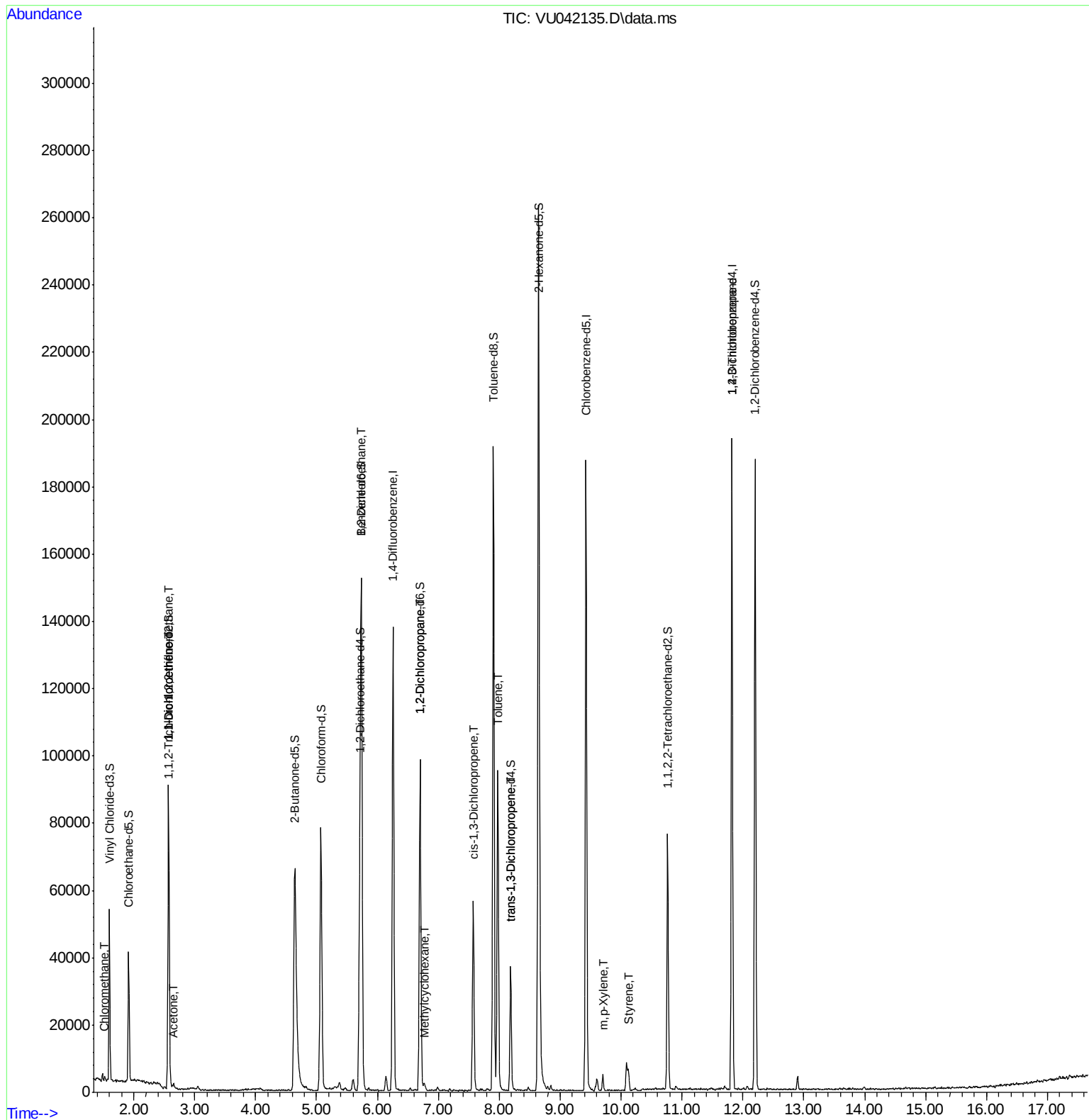
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51118	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32847	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.919	69	26151	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.571	63	55453	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.645	46	134348	53.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	5.073	84	70067	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.713	65	43257	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	132068	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.700	67	42279	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.906	98	119377	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.189	79	19805	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.645	63	95733	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35924	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	47421	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
3) Chloromethane	1.520	50	913	0.10	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	373	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	452	0.06	ug/L #	1
13) Acetone	2.652	43	2215	1.32	ug/L	82
27) 1,2-Dichloroethane	5.735	62	740	0.07	ug/L #	75
35) Methylcyclohexane	6.767	83	738	0.06	ug/L #	80
37) 1,2-Dichloropropane	6.700	63	5173	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1398	0.11	ug/L #	63
42) Toluene	7.976	91	65036	2.05	ug/L	100
44) trans-1,3-Dichloropropene	8.189	75	851	0.07	ug/L #	49
53) m,p-Xylene	9.703	106	1518	0.11	ug/L	82
55) Styrene	10.121	104	2296	0.10	ug/L	94
59) 1,2,3-Trichloropropane	11.822	75	6157	1.13	ug/L	99

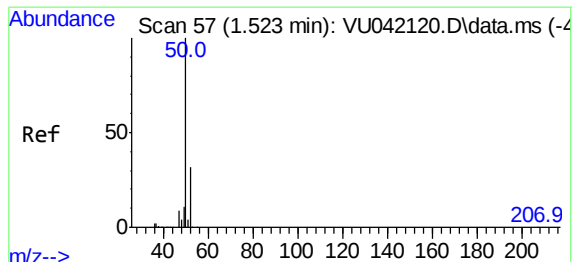
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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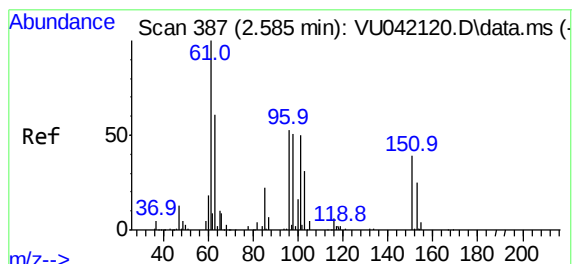
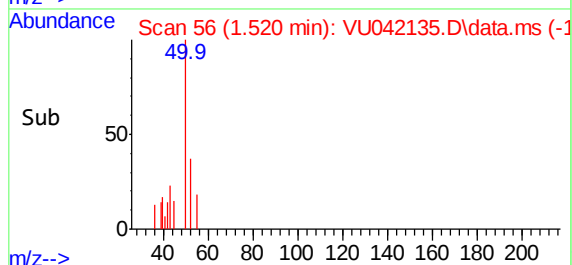
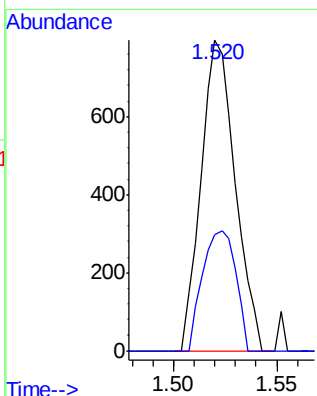
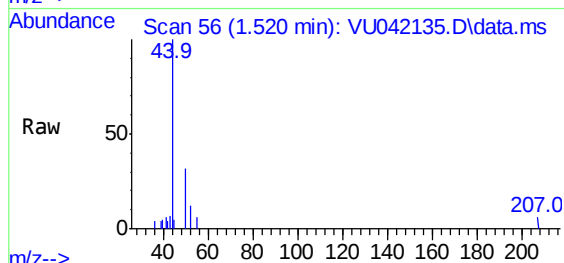




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

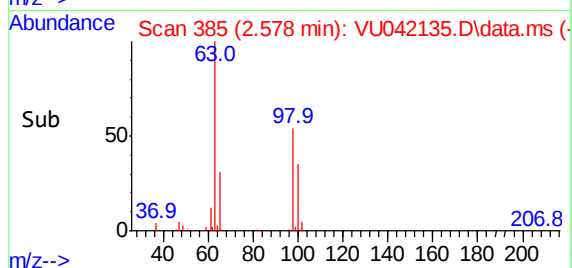
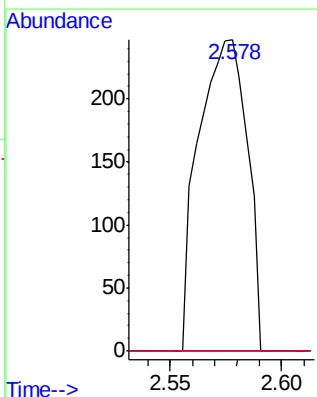
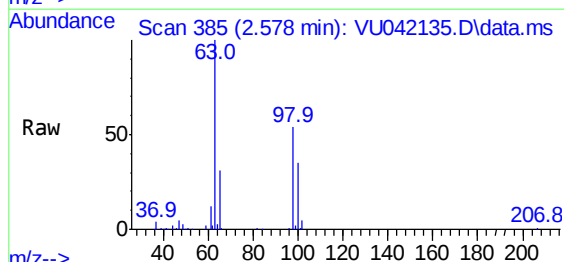
Instrument :
MSVOA_U
ClientSampleId :
F1E88

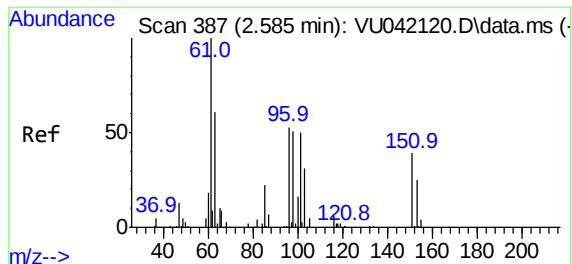
Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 37.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

Tgt Ion: 101 Resp: 373
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

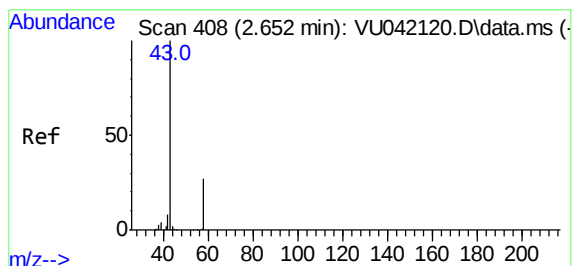
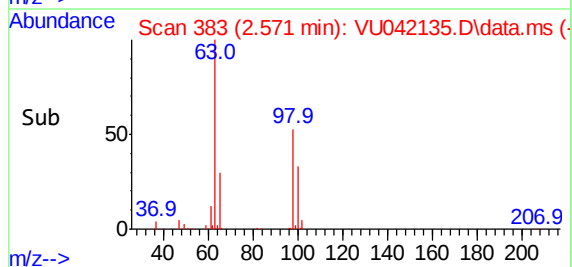
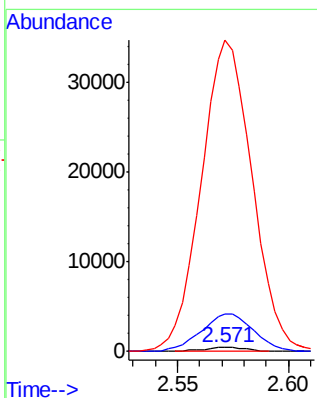
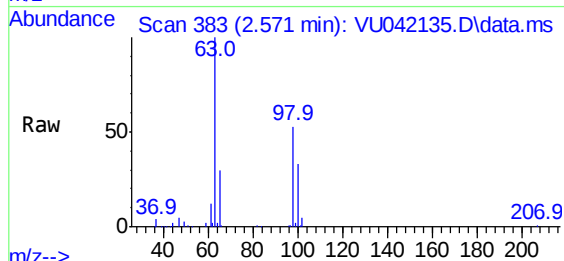




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

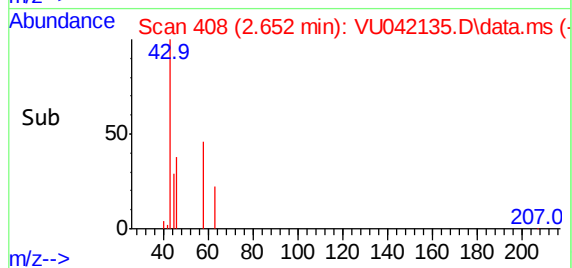
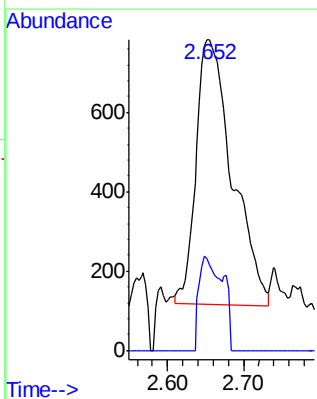
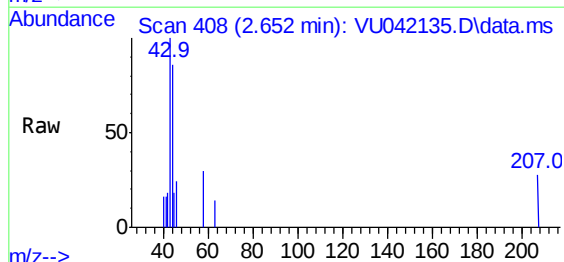
Instrument :
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ClientSampleId :
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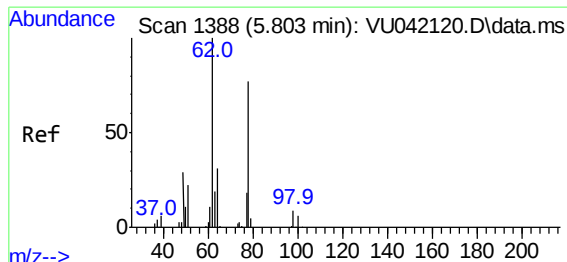
Tgt Ion: 96 Resp: 452
Ion Ratio Lower Upper
96 100
61 1167.2 126.2 234.4#
63 9727.7 77.8 144.4#



#13
Acetone
Concen: 1.32 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 18.6 0.0 55.8

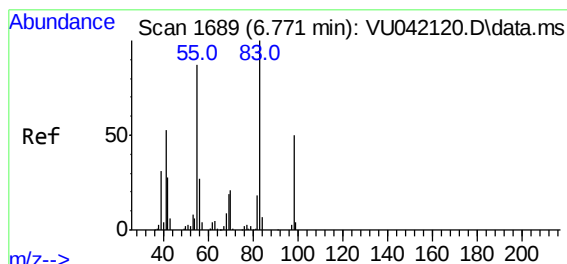
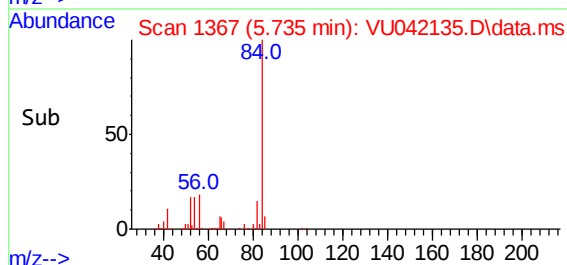
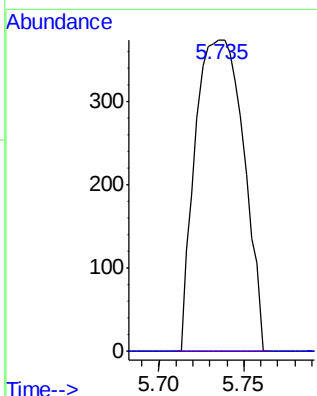
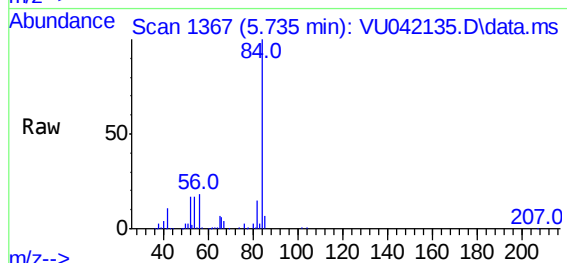




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

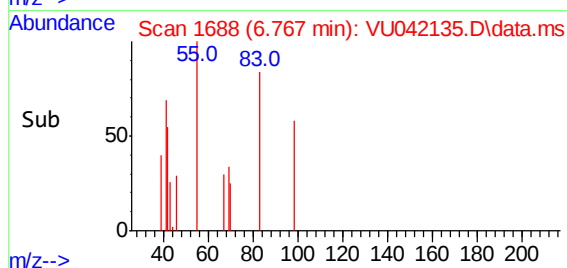
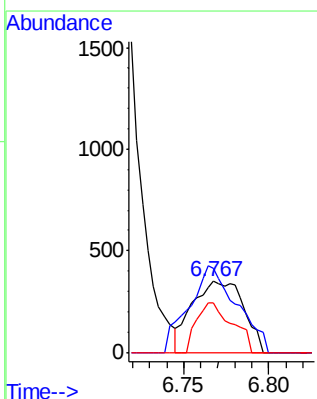
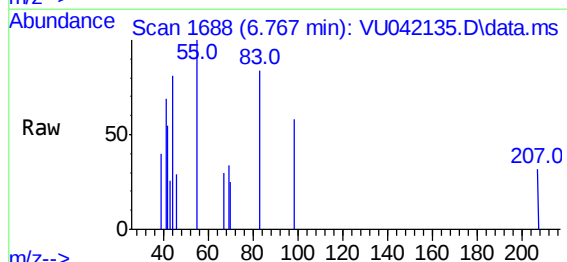
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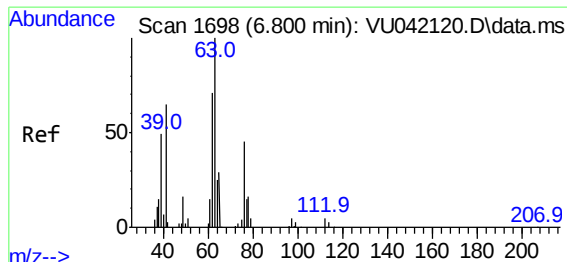
Tgt Ion: 62 Resp: 740
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.06 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

Tgt Ion: 83 Resp: 738
Ion Ratio Lower Upper
83 100
55 112.5 68.2 102.4#
98 48.0 39.7 59.5

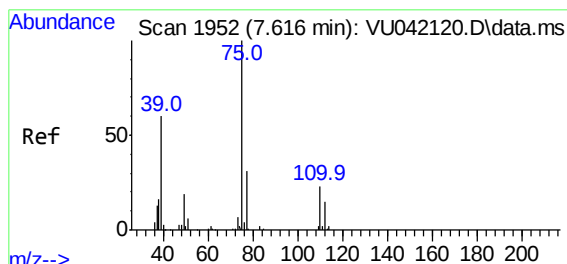
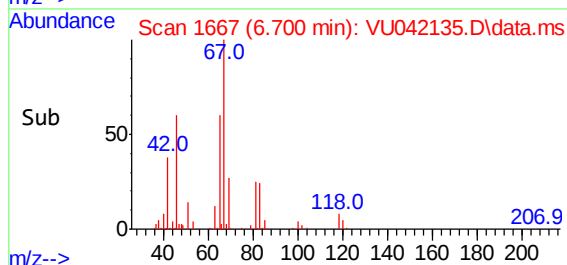
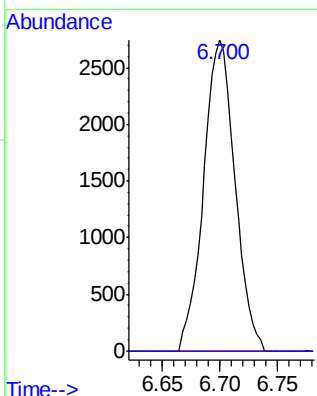
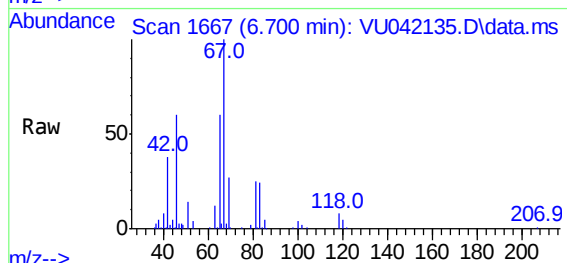




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

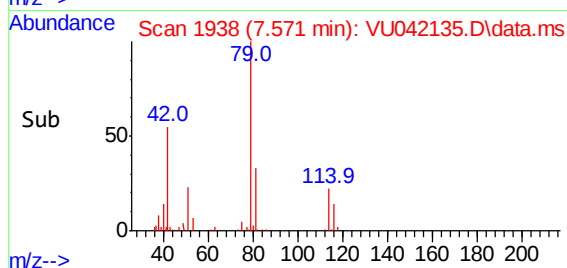
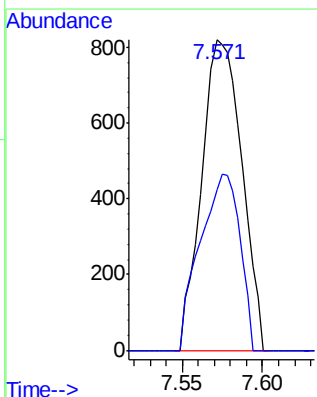
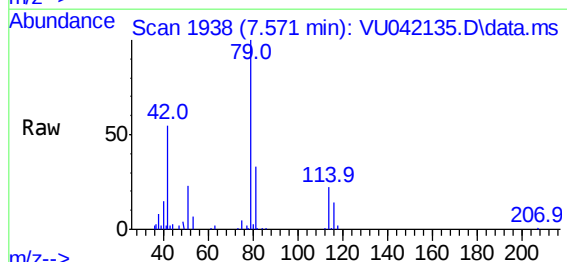
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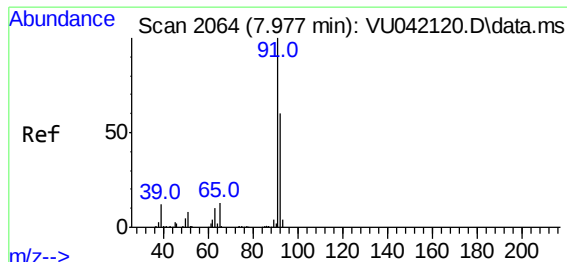
Tgt Ion: 63 Resp: 5173
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

Tgt Ion: 75 Resp: 1398
Ion Ratio Lower Upper
75 100
77 51.6 22.0 40.8#





#42

Toluene

Concen: 2.05 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042135.D

Acq: 21 Jan 2021 03:34

Instrument :

MSVOA_U

ClientSampleId :

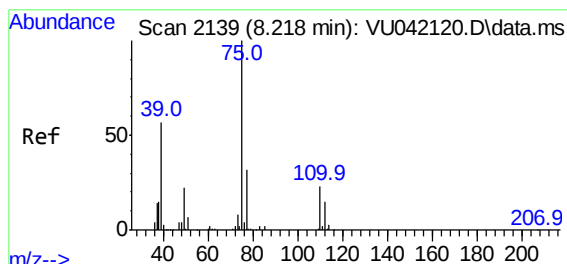
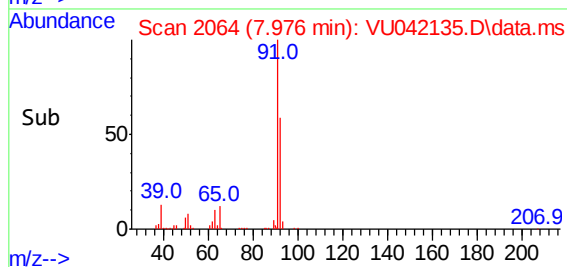
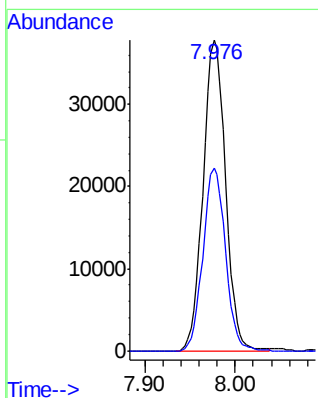
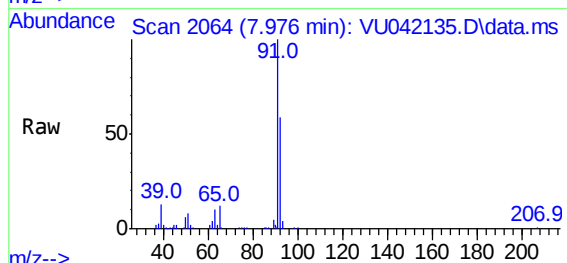
F1E88

Tgt Ion: 91 Resp: 65036

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.07 ug/L

RT: 8.189 min Scan# 2130

Delta R.T. -0.029 min

Lab File: VU042135.D

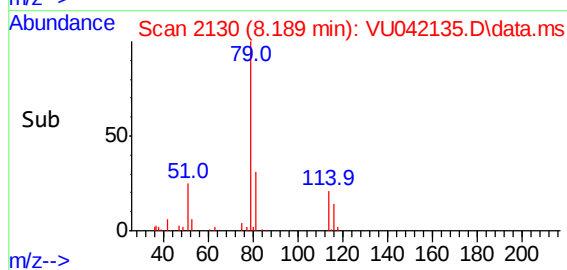
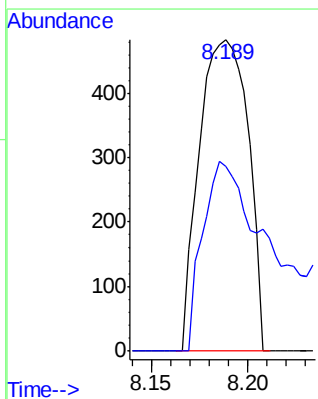
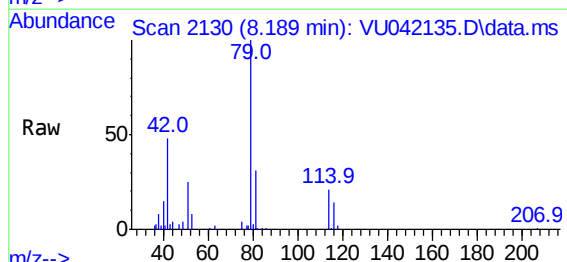
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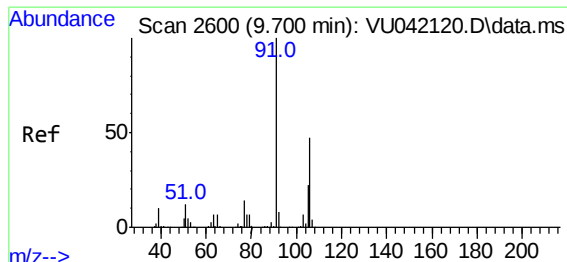
Tgt Ion: 75 Resp: 851

Ion Ratio Lower Upper

75 100

77 59.2 21.8 40.4#

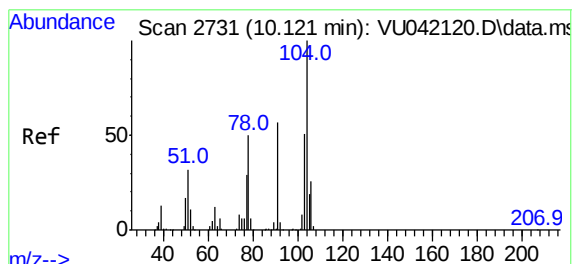
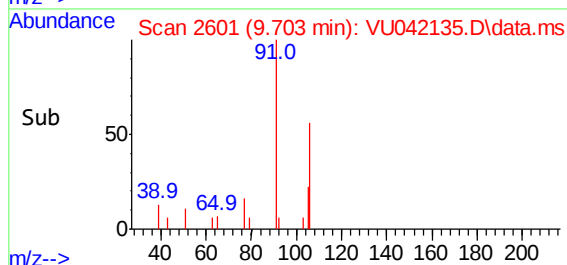
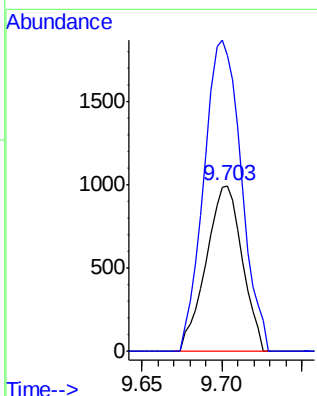
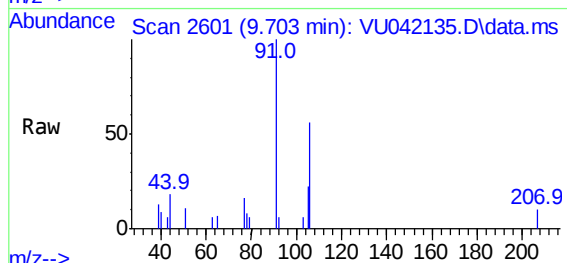




#53
m,p-Xylene
Concen: 0.11 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

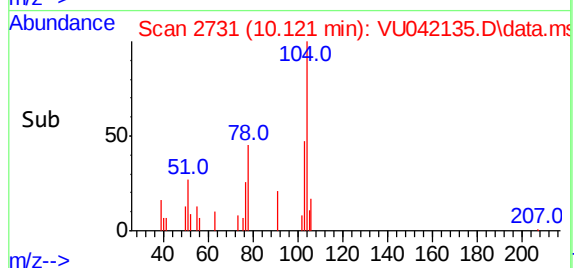
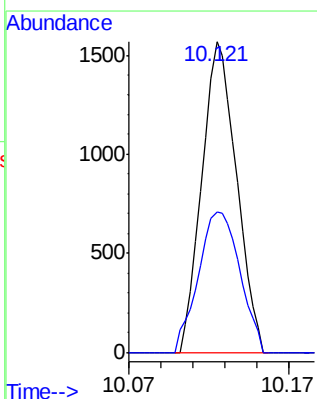
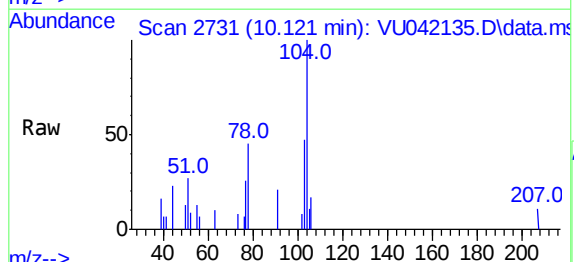
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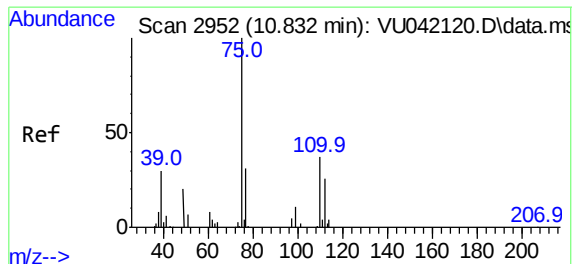
Tgt Ion:106 Resp: 1518
Ion Ratio Lower Upper
106 100
91 179.0 145.1 269.5



#55
Styrene
Concen: 0.10 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042135.D
Acq: 21 Jan 2021 03:34

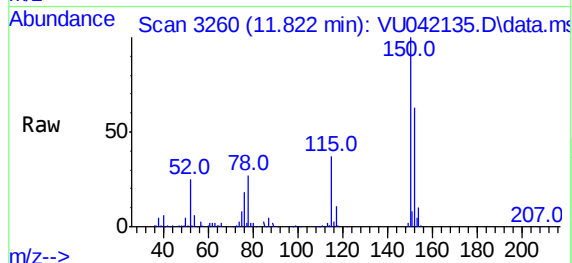
Tgt Ion:104 Resp: 2296
Ion Ratio Lower Upper
104 100
78 45.3 34.9 64.7





#59
 1,2,3-Trichloropropane
 Concen: 1.13 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042135.D
 Acq: 21 Jan 2021 03:34

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 6157
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.0 39.0

