

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042240.D
 Acq On : 03 Feb 2021 18:13
 Operator : SY/MD
 Sample : M1259-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E58

Quant Time: Feb 04 04:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	105423	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.426	117	98103	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52043	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	19633	2.89 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 57.80%
7) Chloroethane-d5	1.919	69	18736	3.42 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 68.40%
11) 1,1-Dichloroethene-d2	2.575	63	36883	2.46 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 49.20%#
20) 2-Butanone-d5	4.645	46	123751	49.87 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 99.74%
24) Chloroform-d	5.073	84	59746	4.21 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 84.20%
26) 1,2-Dichloroethane-d4	5.713	65	37822	4.45 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 89.00%
32) Benzene-d6	5.735	84	104201	4.07 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 81.40%
36) 1,2-Dichloropropane-d6	6.700	67	37476	4.54 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 90.80%
41) Toluene-d8	7.906	98	95196	3.93 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 78.60%
43) trans-1,3-Dichloroprop...	8.189	79	15299	3.65 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 73.00%
46) 2-Hexanone-d5	8.645	63	90532	49.64 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 99.28%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32340	4.56 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 91.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	43421	4.64 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.80%

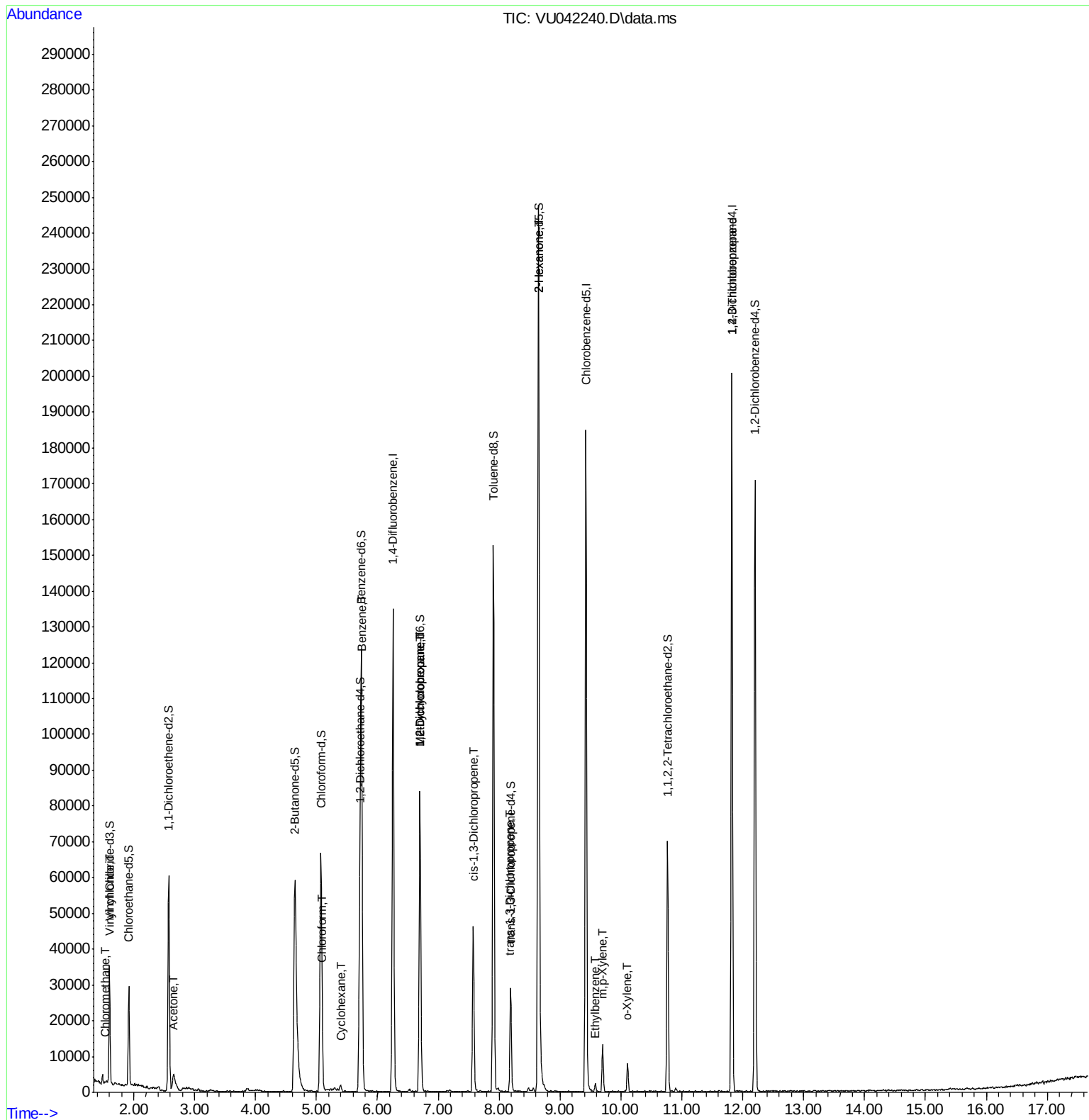
Target Compounds					
3) Chloromethane	1.523	50	487	0.06 ug/L	Qvalue 96
5) Vinyl chloride	1.607	62	2945	0.35 ug/L #	78
13) Acetone	2.652	43	10040	6.07 ug/L	96
25) Chloroform	5.095	83	802	0.06 ug/L	100
30) Cyclohexane	5.401	56	929	0.07 ug/L #	88
33) Benzene	5.742	78	883	0.03 ug/L	100
35) Methylcyclohexane	6.700	83	8532	0.65 ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4241	0.56 ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1091	0.09 ug/L #	21
44) trans-1,3-Dichloropropene	8.182	75	678	0.06 ug/L #	79
48) 2-Hexanone	8.645	43	12010	2.66 ug/L #	70
52) Ethylbenzene	9.581	91	1955	0.05 ug/L	99
53) m,p-Xylene	9.700	106	3579	0.27 ug/L	90
54) o-Xylene	10.105	106	2057	0.16 ug/L	88
59) 1,2,3-Trichloropropane	11.822	75	6001	1.12 ug/L	97

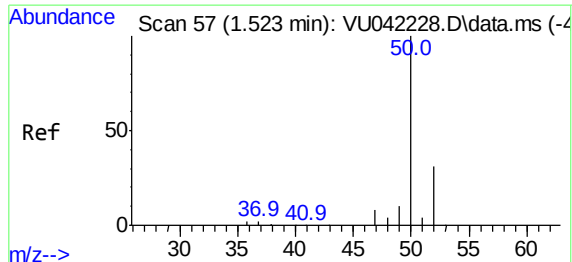
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration

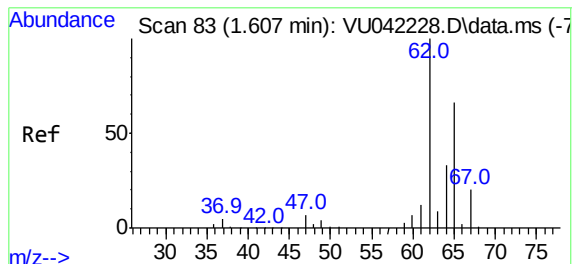
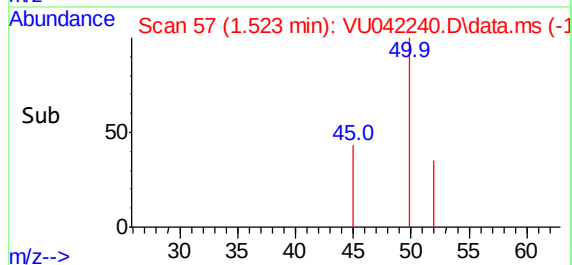
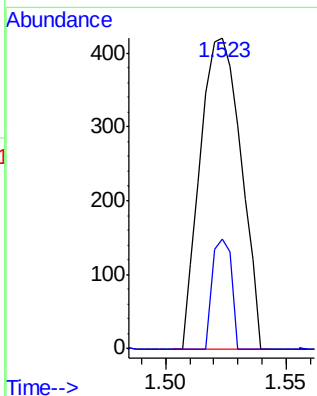
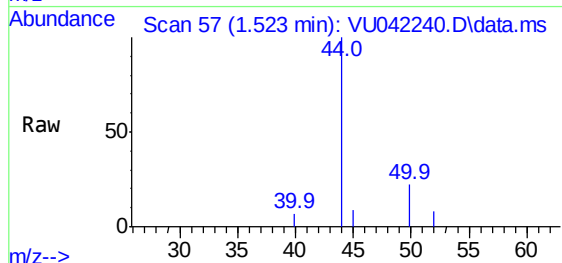




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

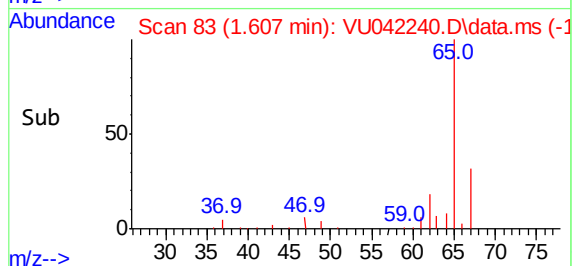
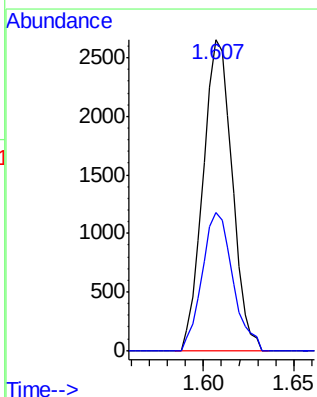
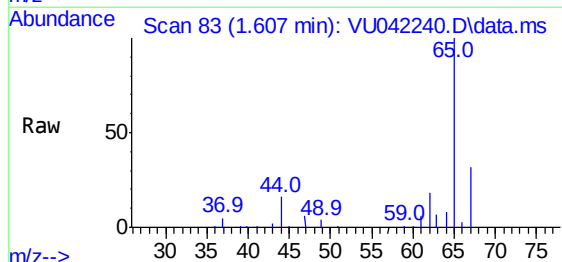
Instrument :
MSVOA_U
ClientSampleId :
F1E58

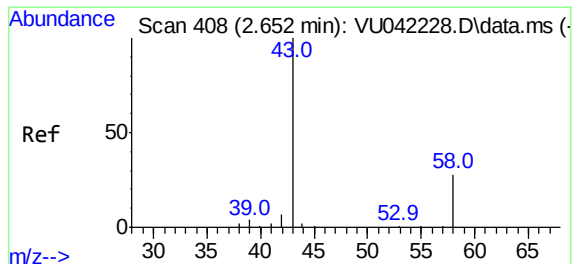
Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 35.2 23.0 42.8



#5
Vinyl chloride
Concen: 0.35 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 62 Resp: 2945
Ion Ratio Lower Upper
62 100
64 44.5 22.7 42.1#

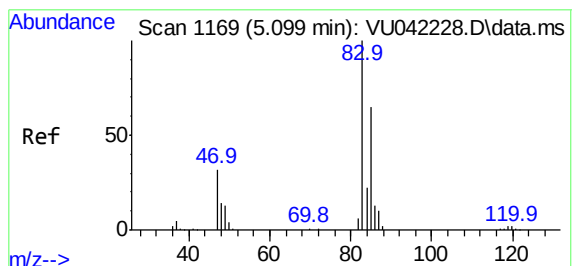
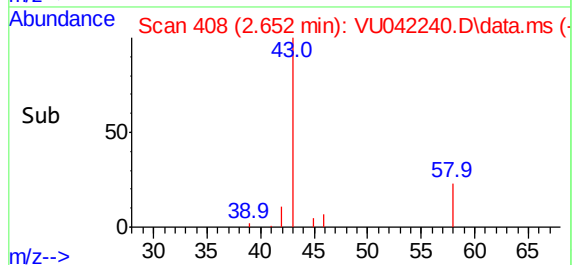
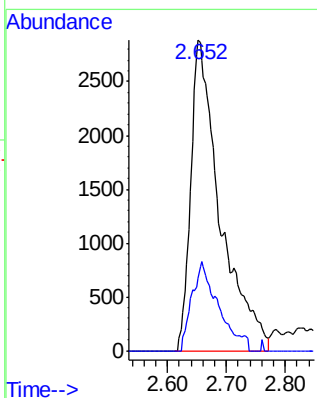
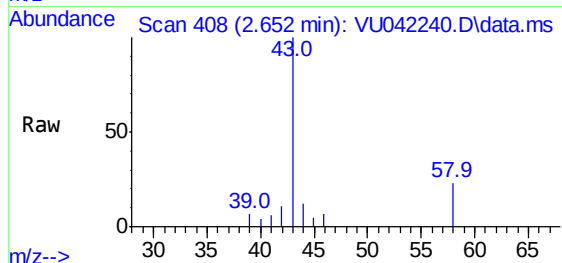




#13
Acetone
Concen: 6.07 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

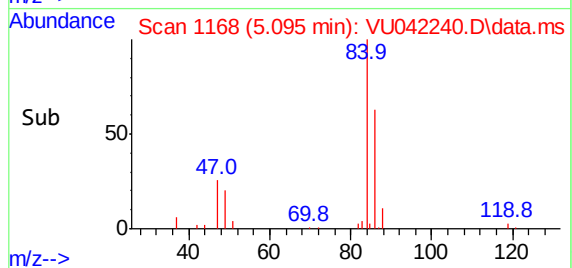
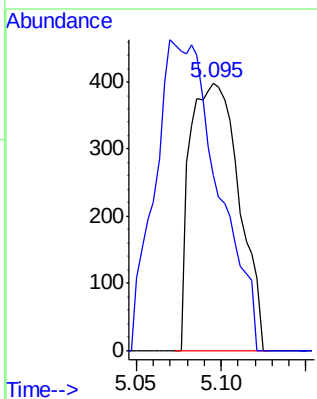
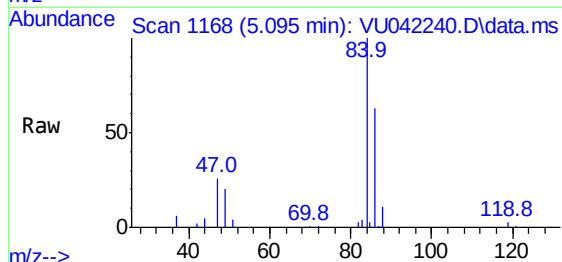
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ClientSampleId :
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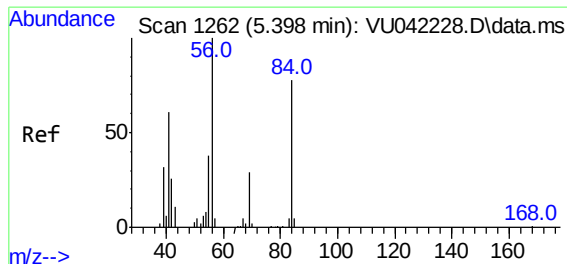
Tgt Ion: 43 Resp: 10040
Ion Ratio Lower Upper
43 100
58 25.9 0.0 55.8



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 83 Resp: 802
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9



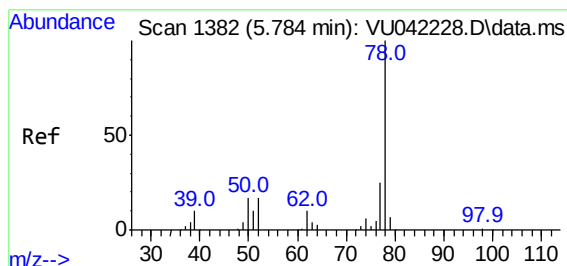
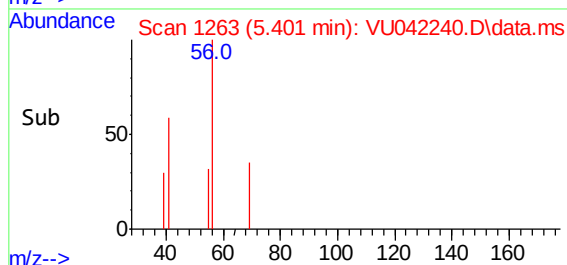
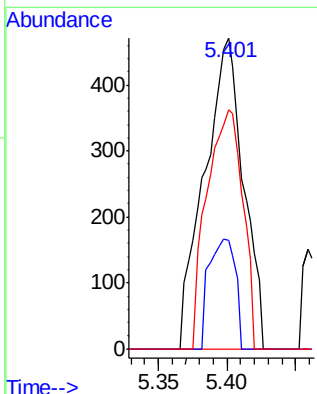
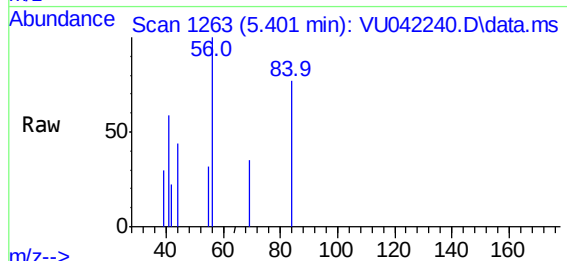


#30
Cyclohexane
Concen: 0.07 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Instrument :
MSVOA_U
ClientSampled :
F1E58

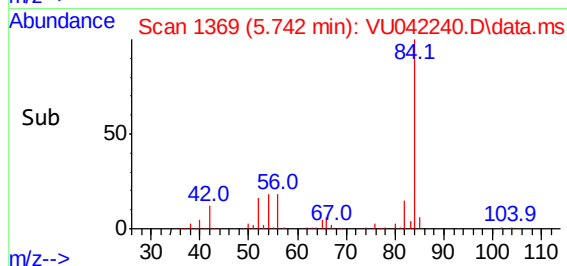
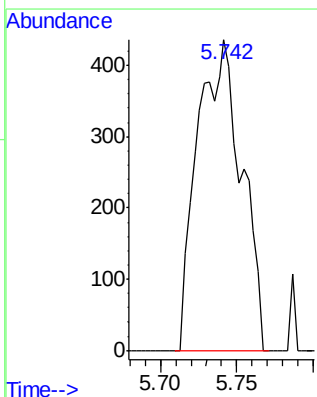
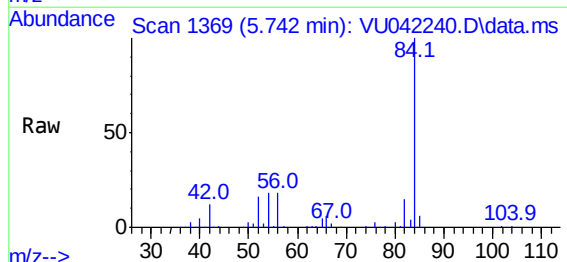
Tgt Ion: 56 Resp: 929

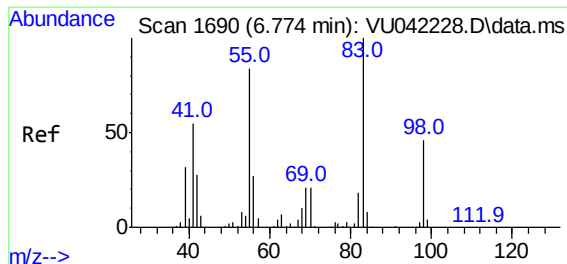
Ion	Ratio	Lower	Upper
56	100		
69	23.5	23.7	35.5#
84	70.3	65.3	97.9



#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 78 Resp: 883

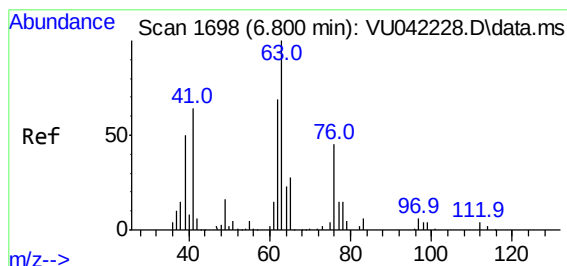
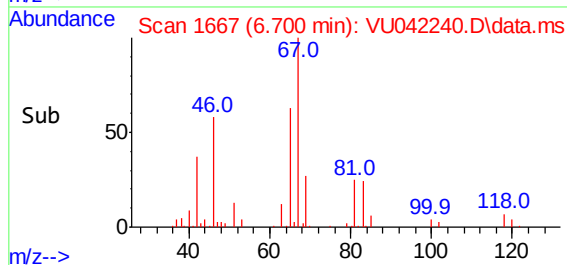
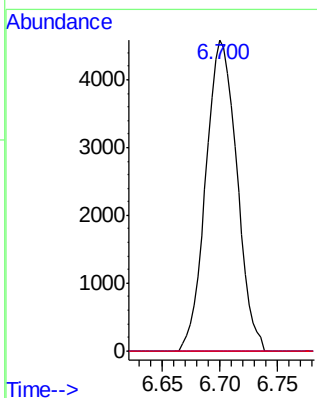
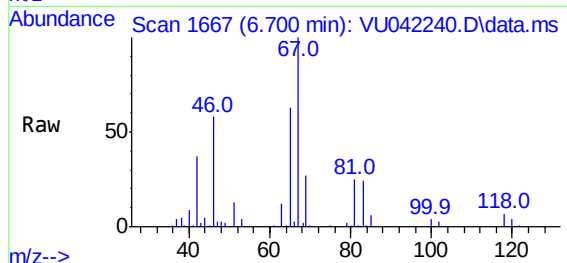




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

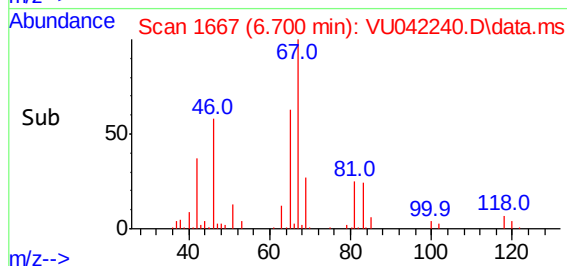
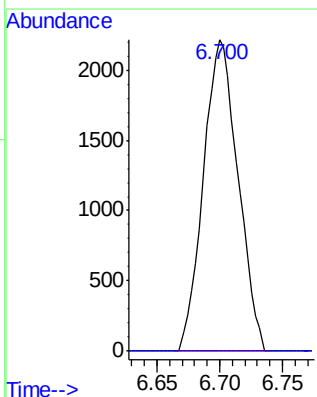
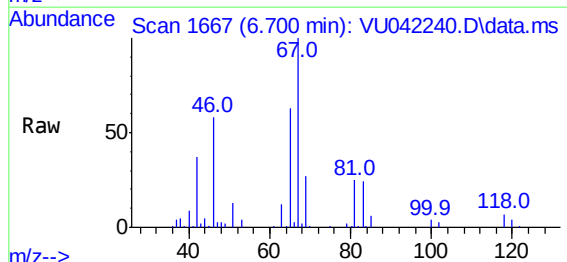
Instrument :
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ClientSampleId :
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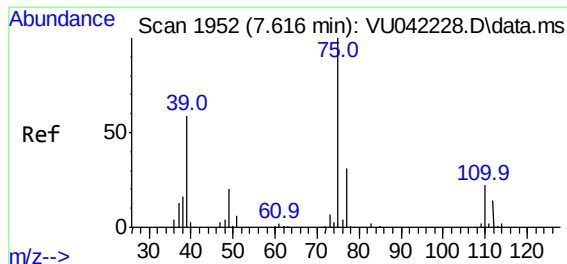
Tgt Ion: 83 Resp: 8532
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 63 Resp: 4241
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

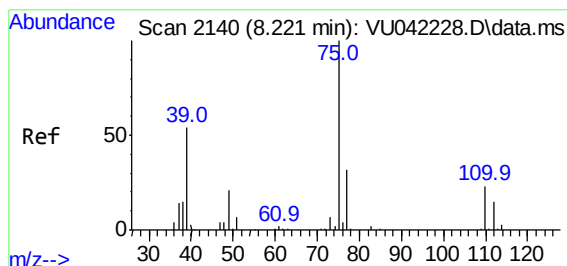
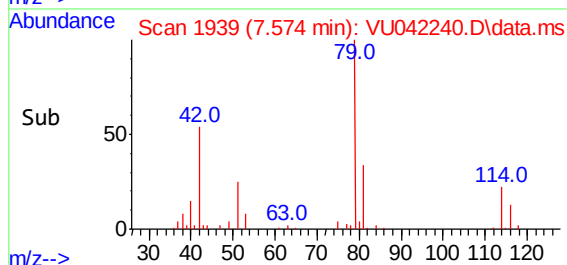
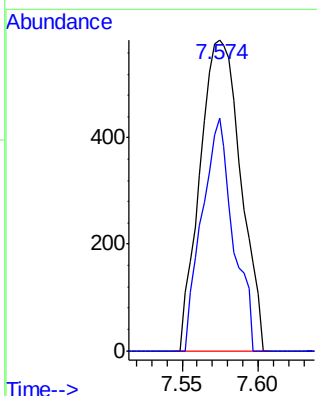
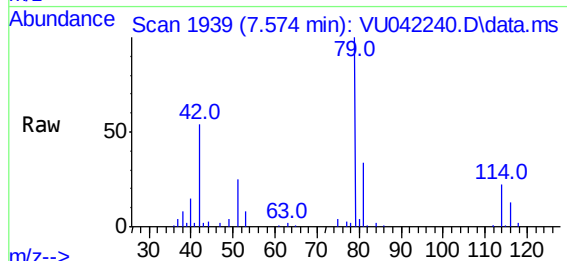




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

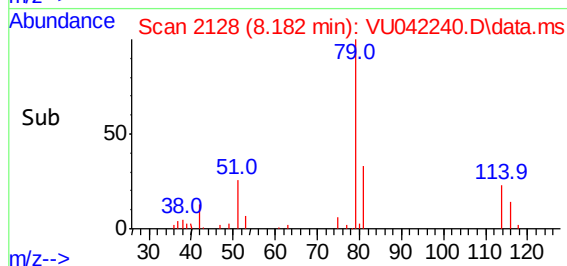
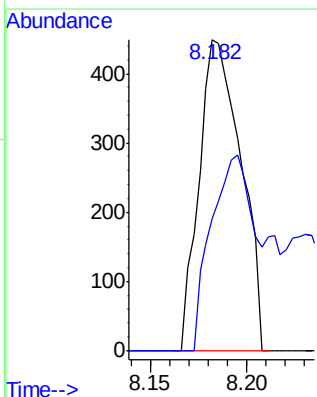
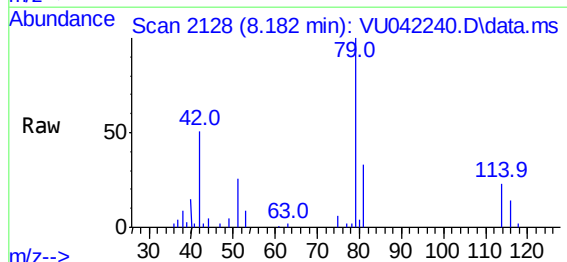
Instrument :
MSVOA_U
ClientSampled :
F1E58

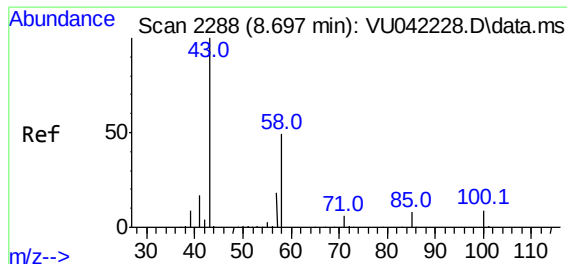
Tgt Ion: 75 Resp: 1091
Ion Ratio Lower Upper
75 100
77 74.8 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 75 Resp: 678
Ion Ratio Lower Upper
75 100
77 42.5 21.8 40.4#



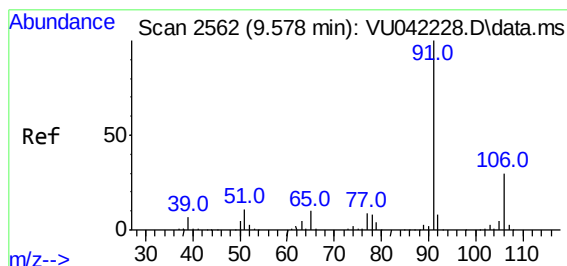
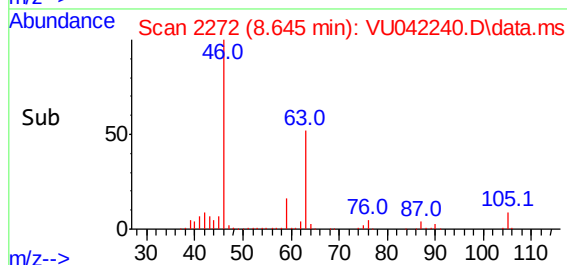
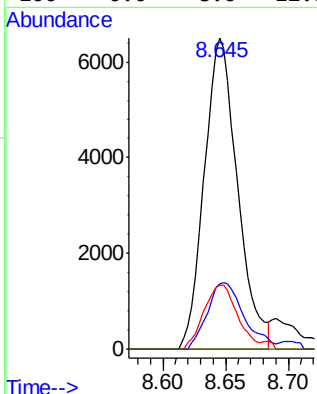
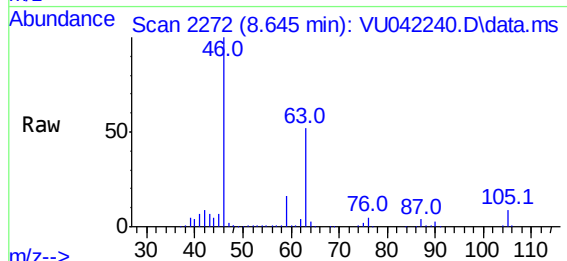


#48
2-Hexanone
Concen: 2.66 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 12010

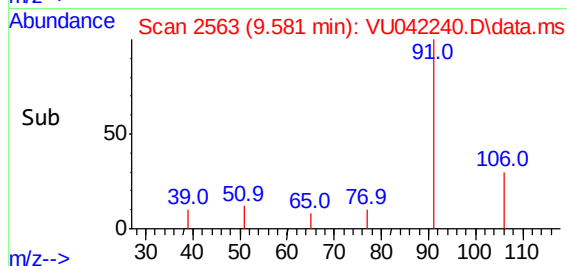
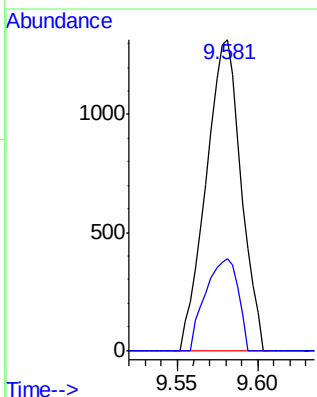
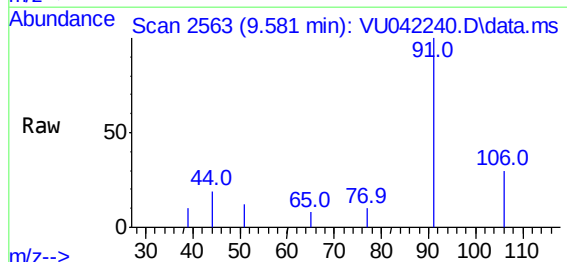
Ion	Ratio	Lower	Upper
43	100		
58	23.4	40.6	61.0#
57	21.4	14.9	22.3
100	0.0	8.6	12.8#

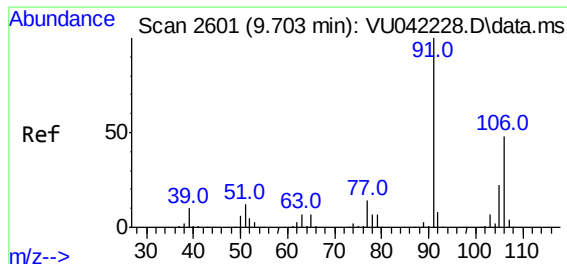


#52
Ethylbenzene
Concen: 0.05 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Tgt Ion: 91 Resp: 1955

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.1	39.3

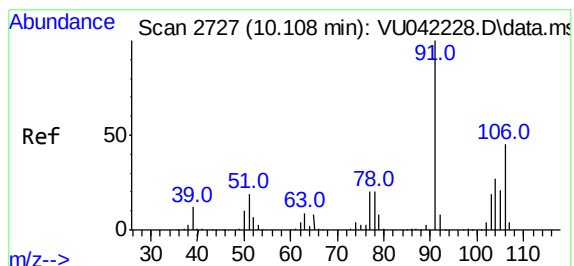
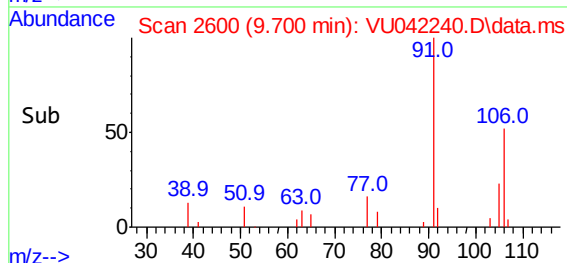
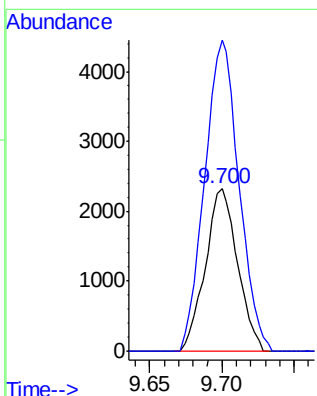
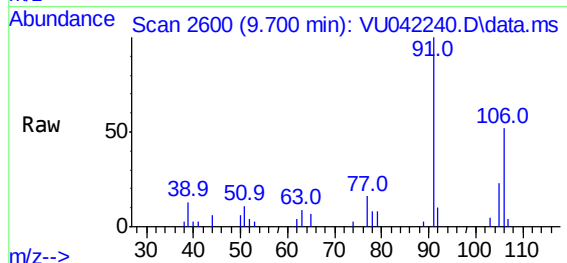




#53
m,p-Xylene
Concen: 0.27 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

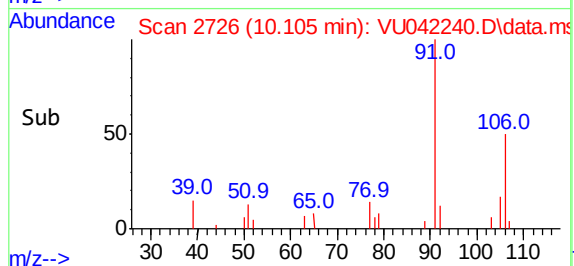
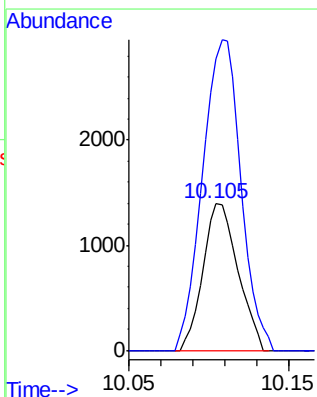
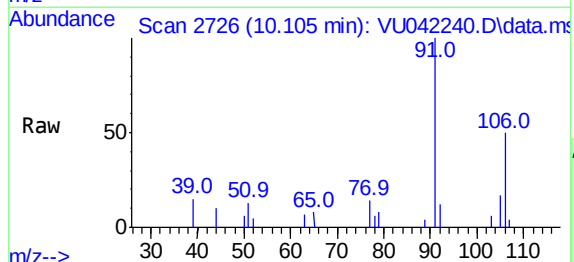
Instrument :
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ClientSampled :
F1E58

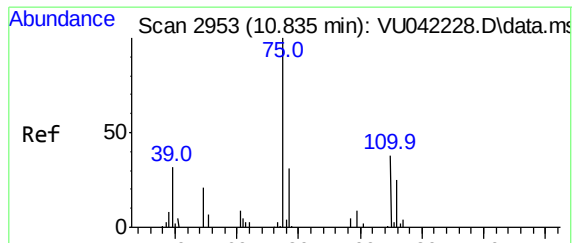
Tgt Ion:106 Resp: 3579
Ion Ratio Lower Upper
106 100
91 191.6 145.1 269.5



#54
o-Xylene
Concen: 0.16 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

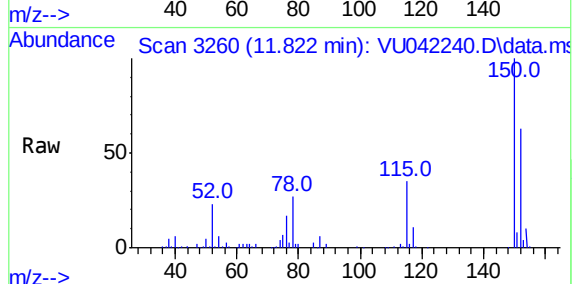
Tgt Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 198.8 153.0 284.2





#59
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.987 min
Lab File: VU042240.D
Acq: 03 Feb 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
F1E58



Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
77 34.1 26.0 39.0

