

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042242.D
 Acq On : 03 Feb 2021 19:02
 Operator : SY/MD
 Sample : M1259-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E60

Quant Time: Feb 04 04:25:34 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	102406	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	94413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50753	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19762	2.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.80%
7) Chloroethane-d5	1.919	69	18672	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.20%
11) 1,1-Dichloroethene-d2	2.575	63	36343	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.645	46	127123	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.073	84	56991	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.713	65	38596	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.739	84	103171	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.700	67	36577	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.906	98	96405	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloroprop...	8.189	79	15522	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.645	63	91079	51.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.80%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33294	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	43376	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	450	0.05	ug/L	100
5) Vinyl chloride	1.607	62	51503	6.25	ug/L	96
8) Chloroethane	1.938	64	271	0.06	ug/L #	43
13) Acetone	2.658	43	6733	4.19	ug/L	88
25) Chloroform	5.095	83	859	0.06	ug/L	94
27) 1,2-Dichloroethane	5.806	62	736	0.07	ug/L #	75
30) Cyclohexane	5.398	56	15115	1.13	ug/L	99
33) Benzene	5.784	78	910	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8824	0.70	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	4415	0.60	ug/L #	92
39) cis-1,3-Dichloropropene	7.578	75	1090	0.09	ug/L #	63
42) Toluene	7.980	91	9617	0.32	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	708	0.06	ug/L #	46
52) Ethylbenzene	9.578	91	9840	0.29	ug/L	94
53) m,p-Xylene	9.700	106	18764	1.45	ug/L	96
54) o-Xylene	10.108	106	14227	1.14	ug/L	100
55) Styrene	10.115	104	975	0.05	ug/L #	1
56) Isopropylbenzene	10.494	105	838	0.02	ug/L #	75
59) 1,2,3-Trichloropropane	11.822	75	5503	1.07	ug/L	92

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

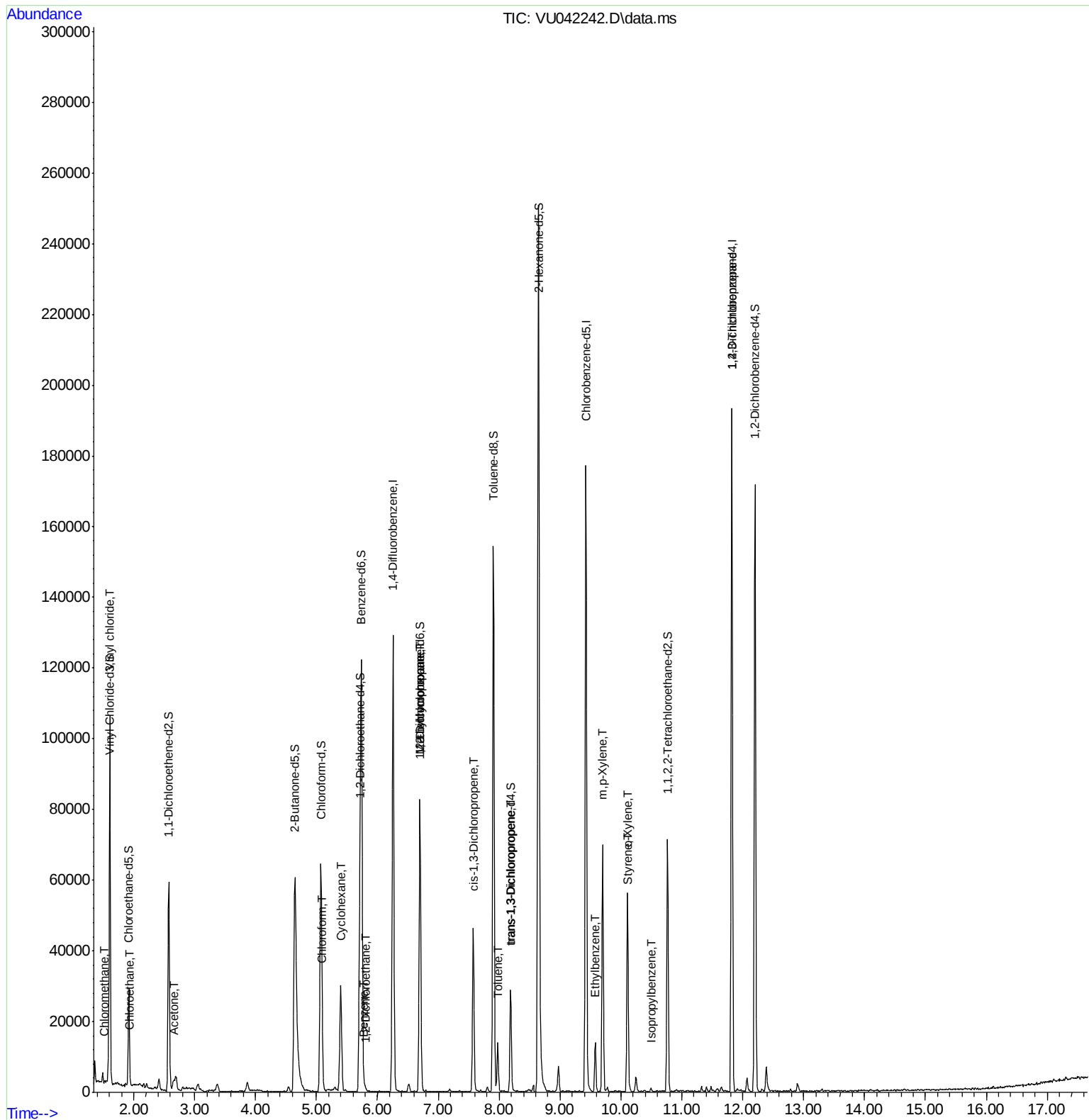
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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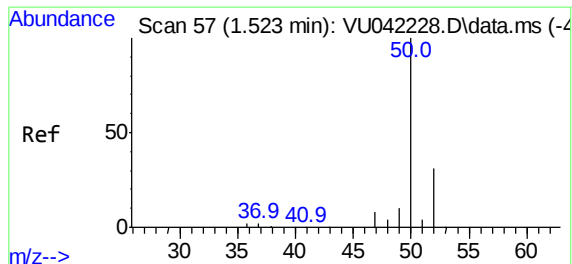
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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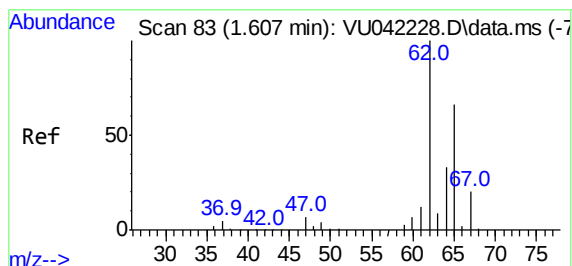
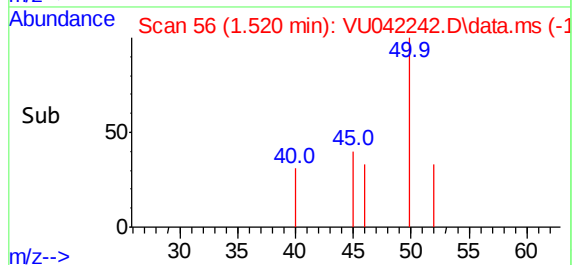
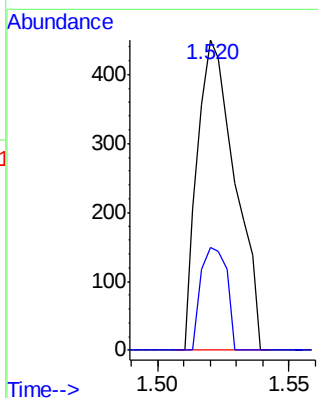
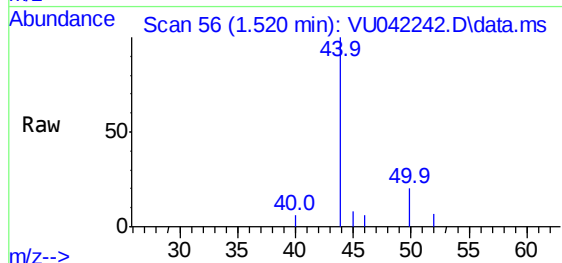




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

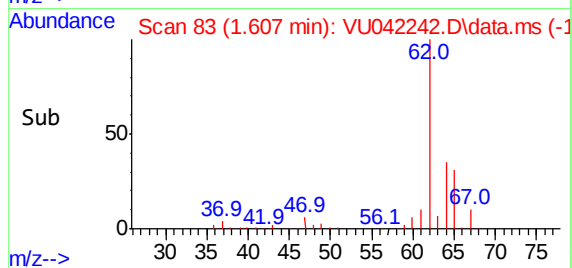
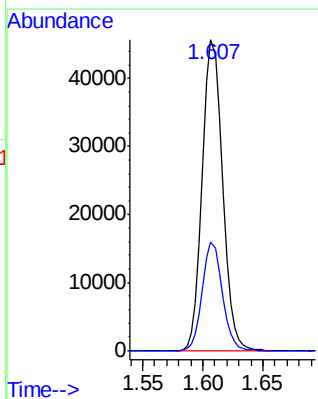
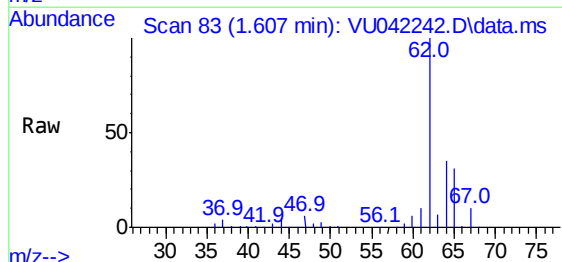
Instrument :
MSVOA_U
ClientSampleId :
F1E60

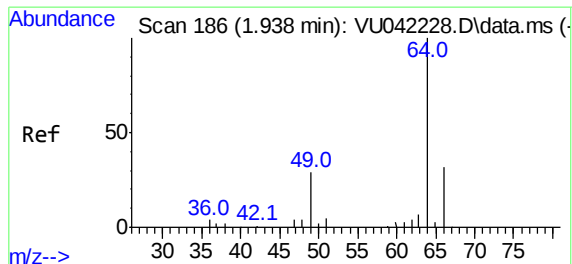
Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8



#5
Vinyl chloride
Concen: 6.25 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 62 Resp: 51503
Ion Ratio Lower Upper
62 100
64 34.9 22.7 42.1

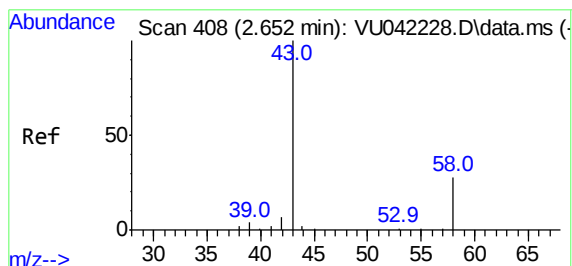
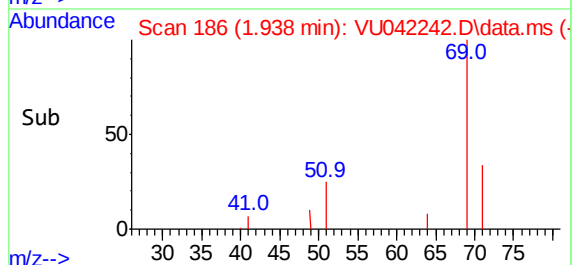
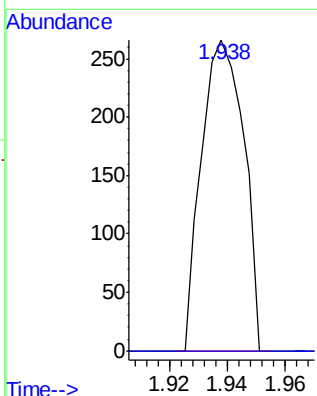
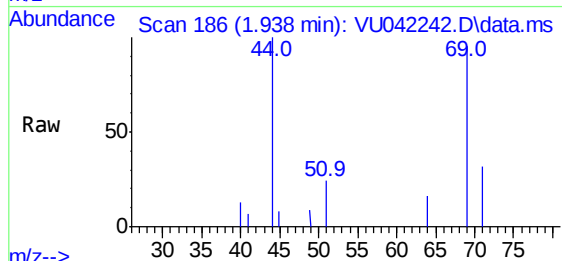




#8
Chloroethane
Concen: 0.06 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

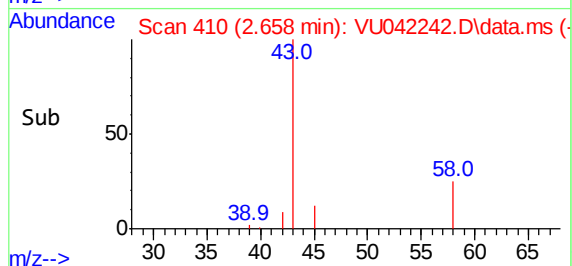
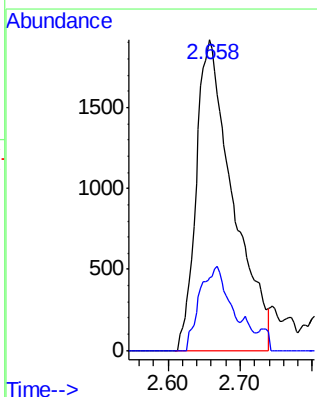
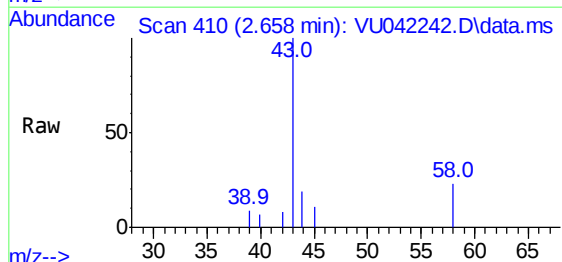
Instrument :
MSVOA_U
ClientSampleId :
F1E60

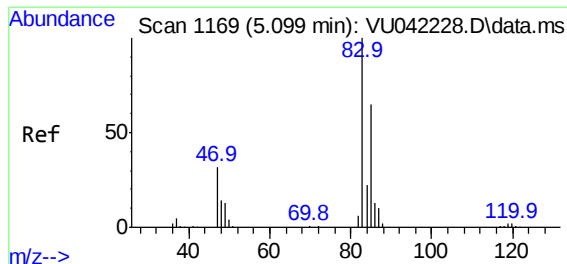
Tgt Ion: 64 Resp: 271
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#13
Acetone
Concen: 4.19 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 43 Resp: 6733
Ion Ratio Lower Upper
43 100
58 21.6 0.0 55.8

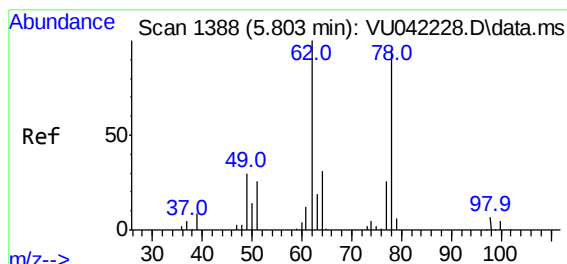
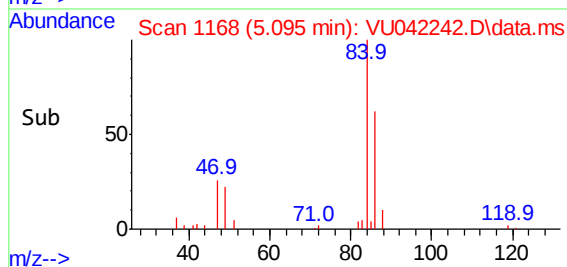
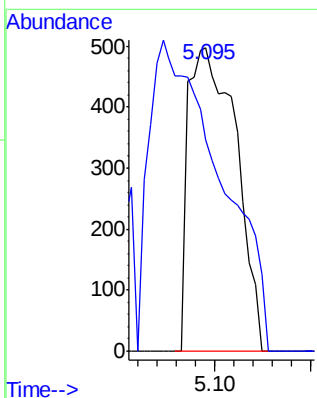
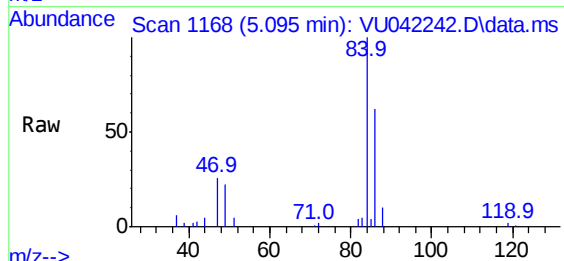




#25
Chloroform
Concen: 0.06 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

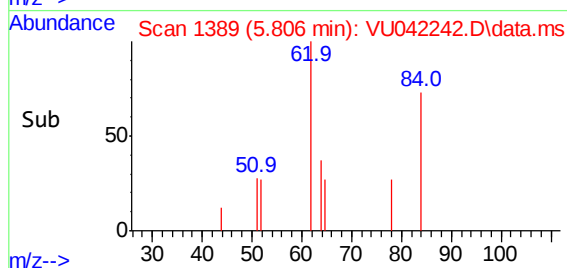
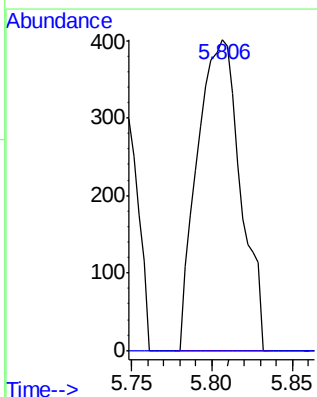
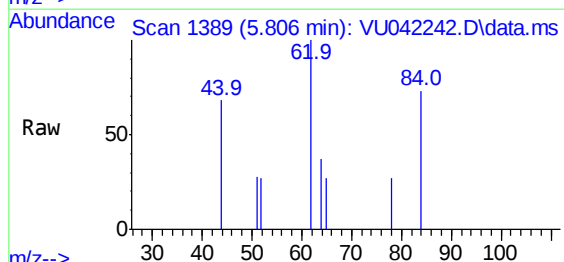
Instrument :
MSVOA_U
ClientSampleId :
F1E60

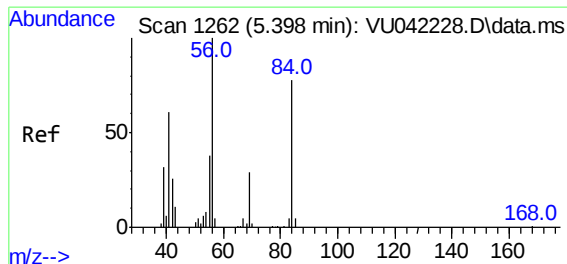
Tgt Ion: 83 Resp: 859
Ion Ratio Lower Upper
83 100
85 69.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 62 Resp: 736
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



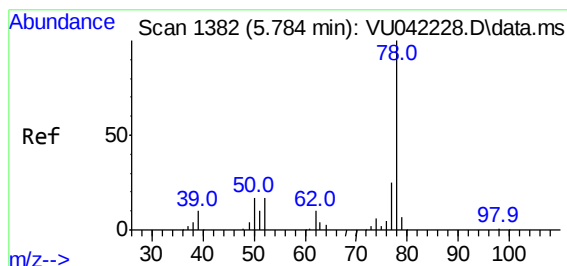
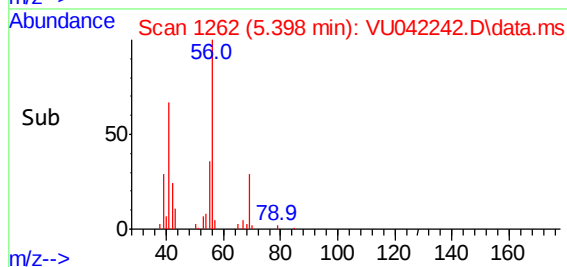
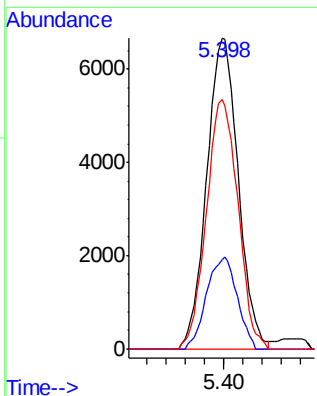
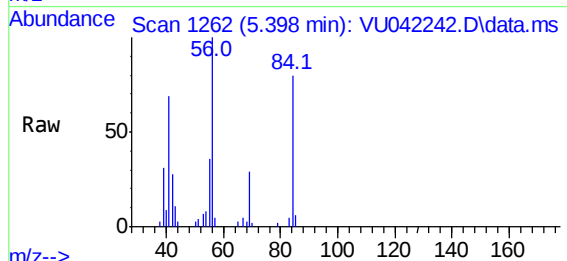


#30
Cyclohexane
Concen: 1.13 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Instrument :
MSVOA_U
ClientSampleId :
F1E60

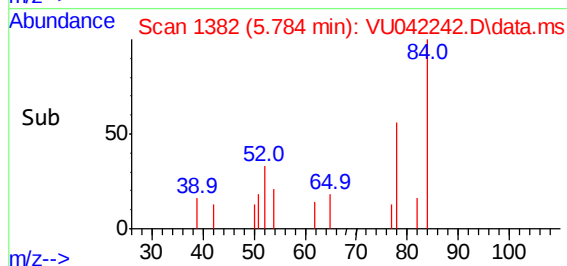
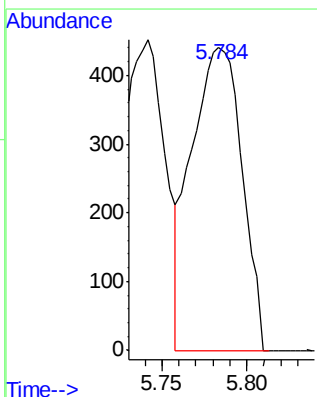
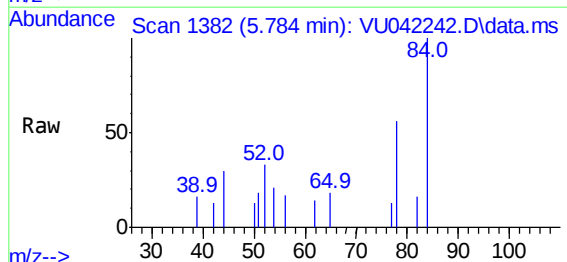
Tgt Ion: 56 Resp: 15115

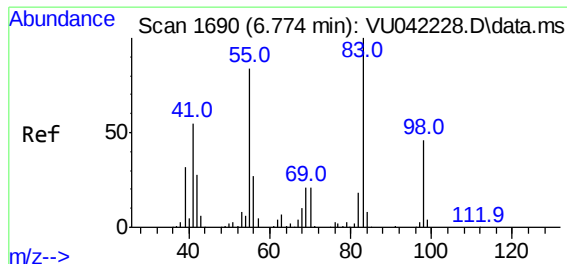
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.7	35.5
84	80.5	65.3	97.9



#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 78 Resp: 910

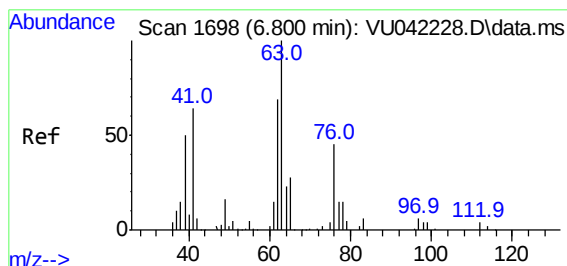
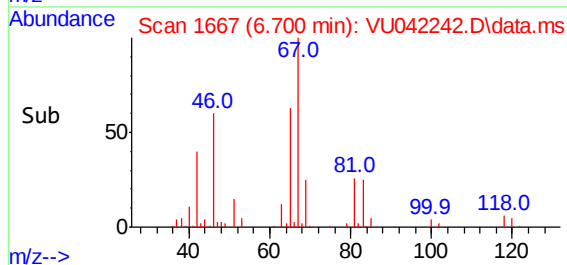
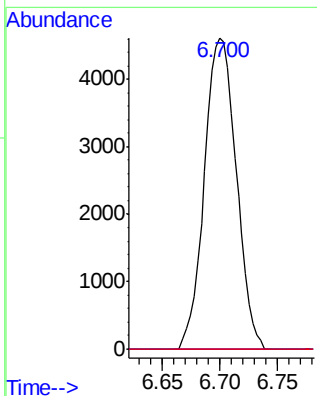
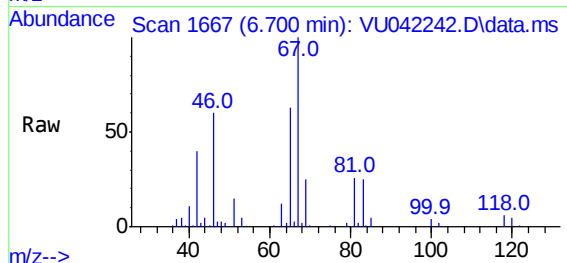




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

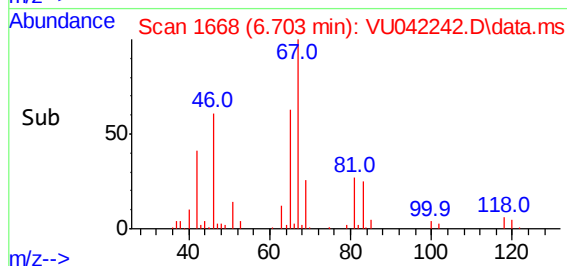
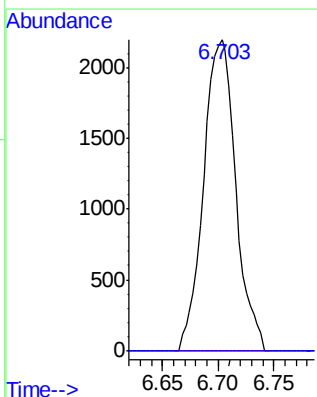
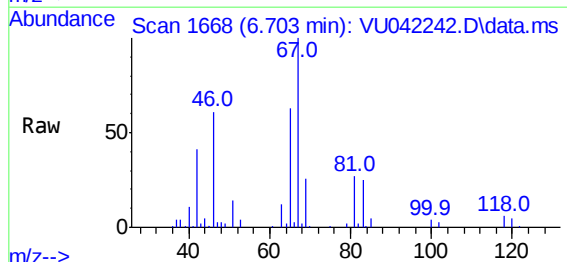
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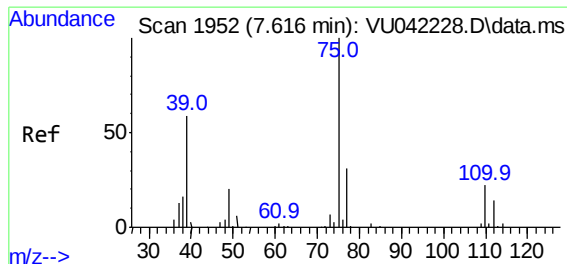
Tgt Ion: 83 Resp: 8824
Ion Ratio Lower Upper
83 100
55 6.3 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 63 Resp: 4415
Ion Ratio Lower Upper
63 100
112 1.4 3.4 5.0#

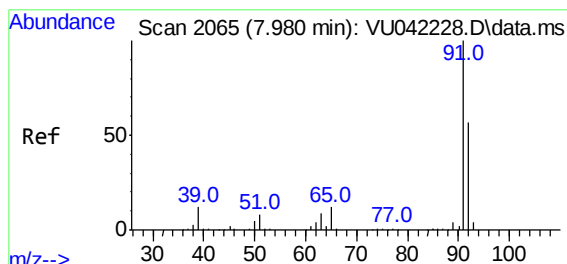
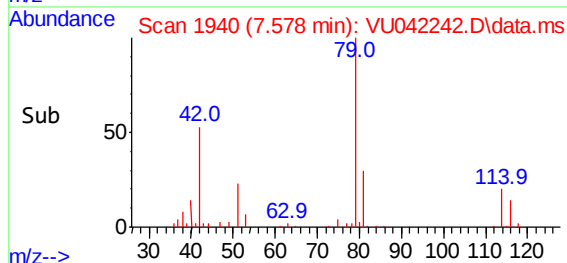
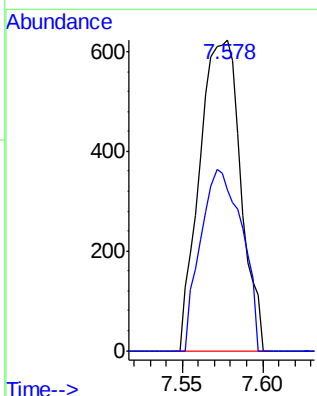
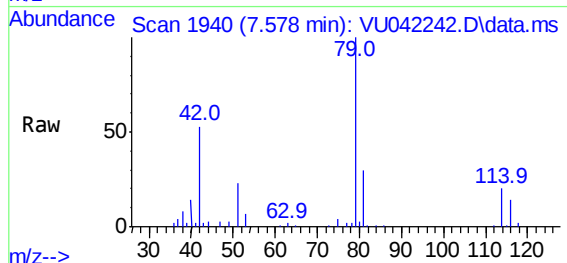




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

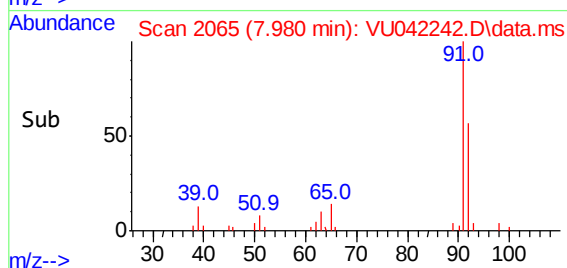
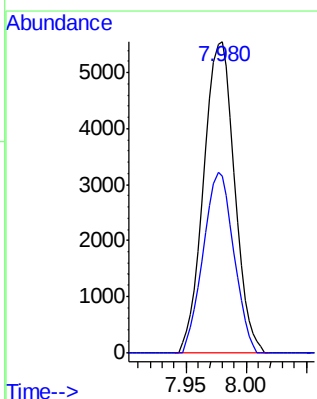
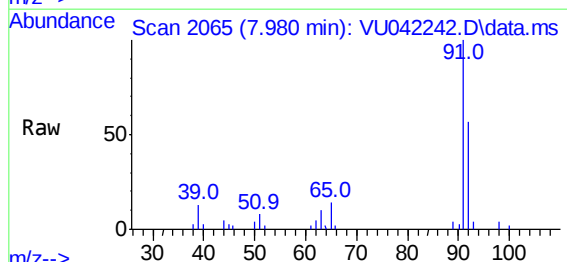
Instrument :
MSVOA_U
ClientSampled :
F1E60

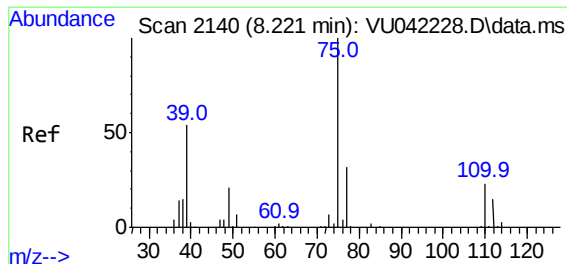
Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 51.7 22.0 40.8#



#42
Toluene
Concen: 0.32 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 91 Resp: 9617
Ion Ratio Lower Upper
91 100
92 56.9 41.2 76.6

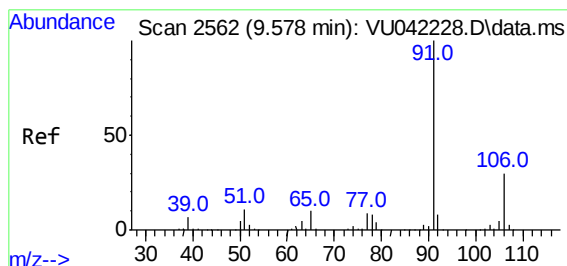
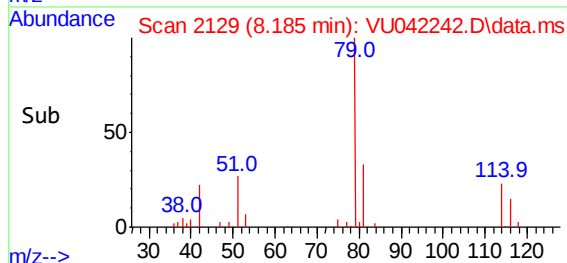
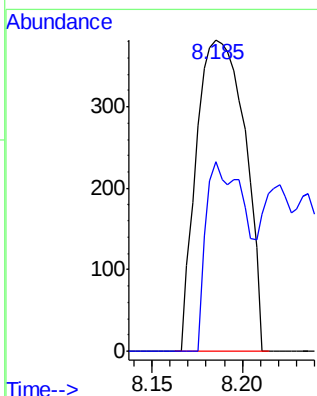
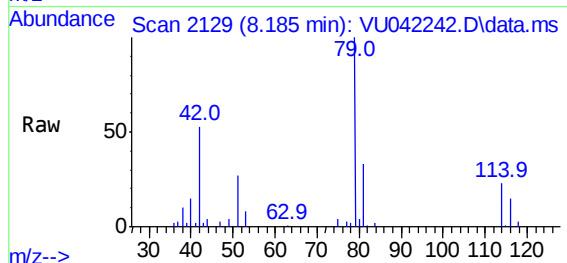




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

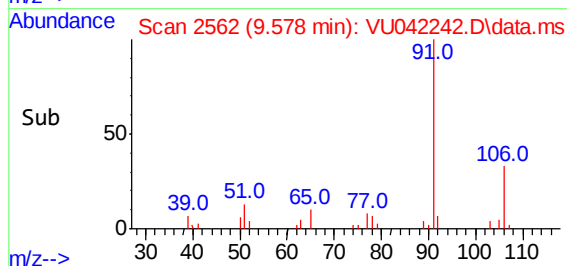
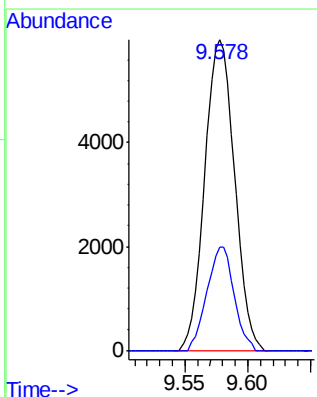
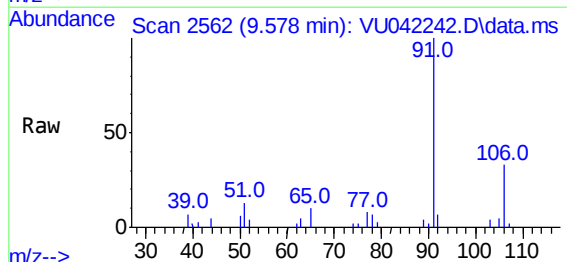
Instrument :
MSVOA_U
ClientSampleId :
F1E60

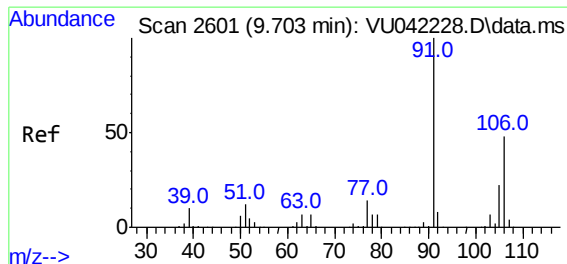
Tgt Ion: 75 Resp: 708
Ion Ratio Lower Upper
75 100
77 61.0 21.8 40.4#



#52
Ethylbenzene
Concen: 0.29 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion: 91 Resp: 9840
Ion Ratio Lower Upper
91 100
106 33.4 21.1 39.3

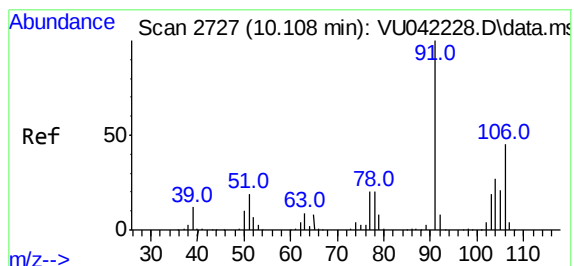
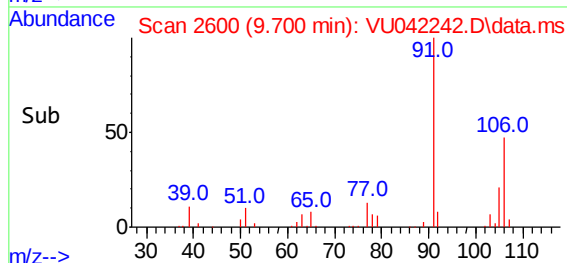
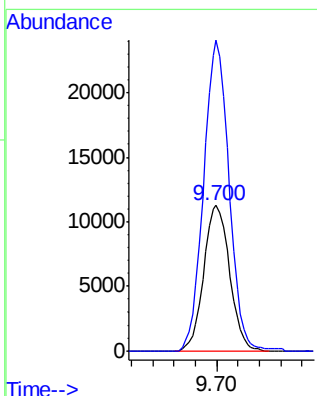
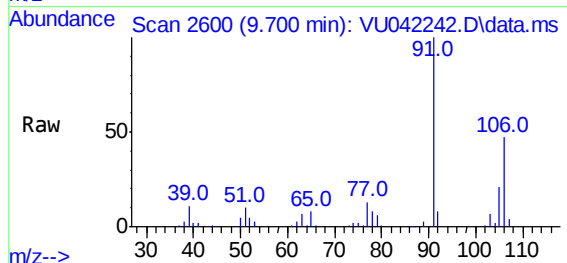




#53
m,p-Xylene
Concen: 1.45 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

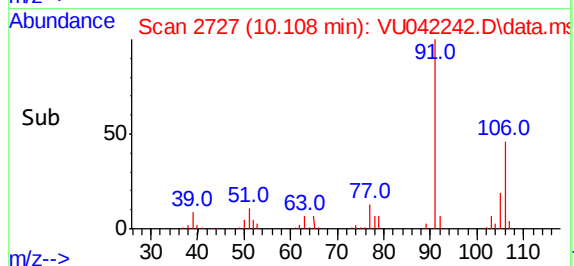
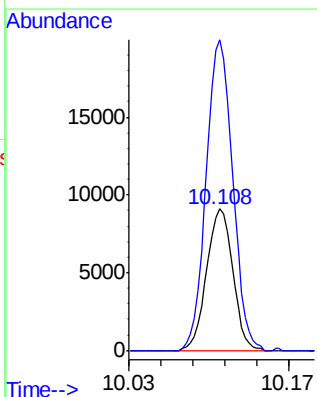
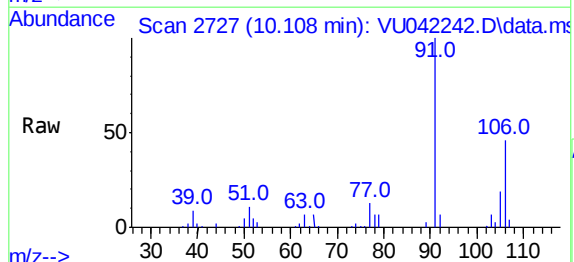
Instrument :
MSVOA_U
ClientSampleId :
F1E60

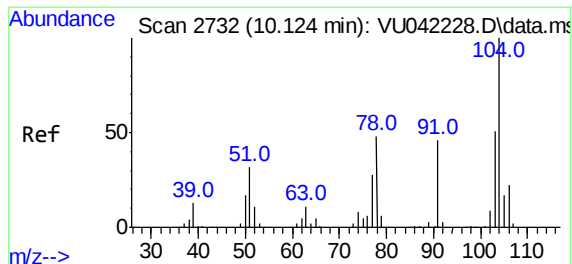
Tgt Ion:106 Resp: 18764
Ion Ratio Lower Upper
106 100
91 213.9 145.1 269.5



#54
o-Xylene
Concen: 1.14 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

Tgt Ion:106 Resp: 14227
Ion Ratio Lower Upper
106 100
91 219.2 153.0 284.2

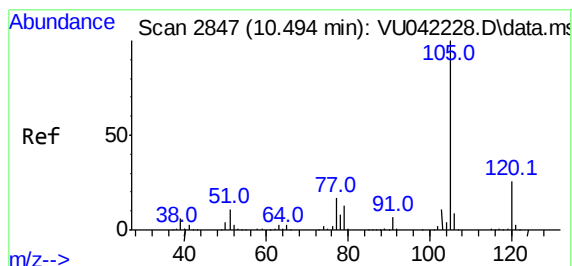
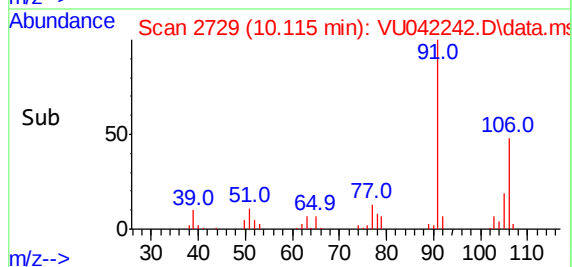
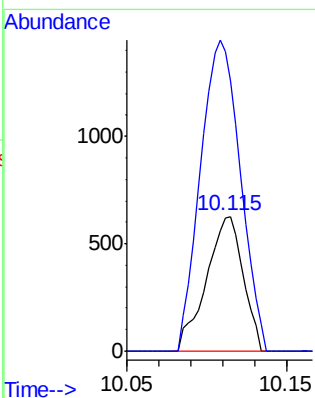
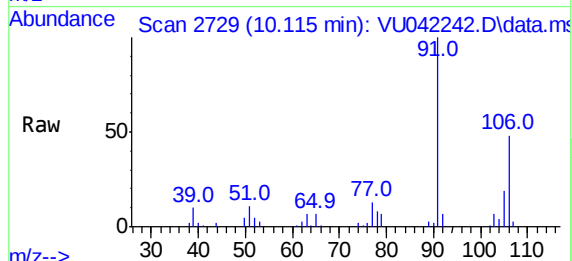




#55
Styrene
Concen: 0.05 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.010 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

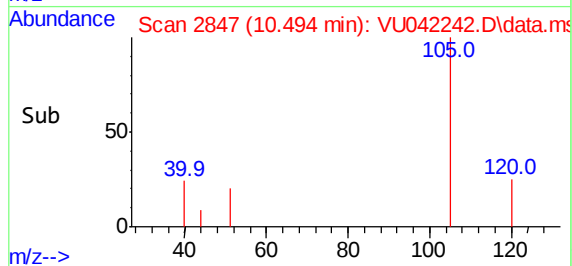
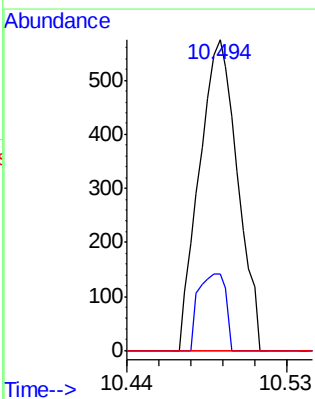
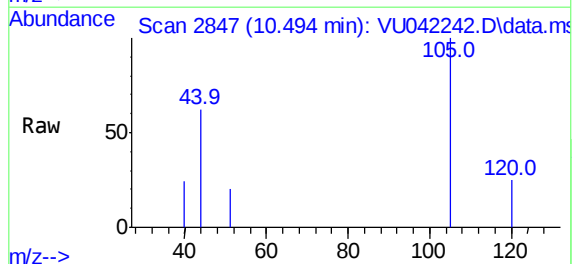
Instrument :
MSVOA_U
ClientSampled :
F1E60

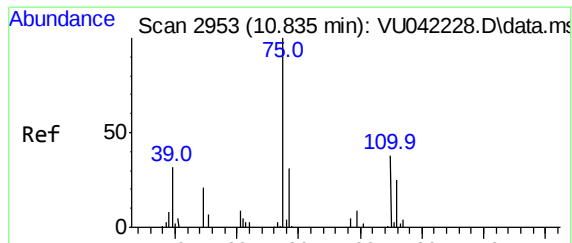
Tgt Ion:104 Resp: 975
Ion Ratio Lower Upper
104 100
78 201.4 34.9 64.7#



#56
Isopropylbenzene
Concen: 0.02 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042242.D
Acq: 03 Feb 2021 19:02

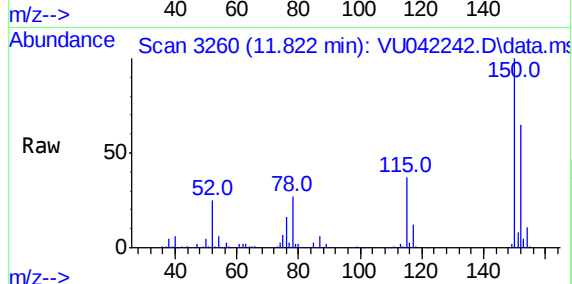
Tgt Ion:105 Resp: 838
Ion Ratio Lower Upper
105 100
120 17.4 20.8 31.2#
77 0.0 13.4 20.0#





#59
 1,2,3-Trichloropropane
 Concen: 1.07 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.987 min
 Lab File: VU042242.D
 Acq: 03 Feb 2021 19:02

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E60



Tgt Ion: 75 Resp: 5503
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.0 39.0

