

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044297.D
 Acq On : 02 Jul 2021 12:17
 Operator : SY/MD
 Sample : M2905-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK32DL

Quant Time: Jul 03 04:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131388	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	68147	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27431	3.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.919	69	32518	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.575	65	15404	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.642	46	123436	47.121	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.240%
24) Chloroform-d	5.073	84	77351	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.713	65	44418	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.735	84	153791	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.700	67	50866	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.906	98	142779	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.189	79	20809	4.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.642	63	118697	53.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.120%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43964	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.201	152	60243	5.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
5) Vinyl chloride	1.607	62	6149	0.662	ug/L #	1
13) Acetone	2.662	43	3072	2.623	ug/L #	48
18) trans-1,2-Dichloroethene	3.362	96	1760	0.218	ug/L	93
19) 1,1-Dichloroethane	3.880	63	16204	1.052	ug/L	98
22) cis-1,2-Dichloroethene	4.681	96	1604	0.182	ug/L	97
30) Cyclohexane	5.391	56	1752	0.121	ug/L #	92
33) Benzene	5.784	78	63078	1.929	ug/L	100
35) Methylcyclohexane	6.771	83	1584	0.108	ug/L	95
37) 1,2-Dichloropropane	6.800	63	3533	0.409	ug/L #	87
42) Toluene	7.976	91	18120	0.503	ug/L	97
51) Chlorobenzene	9.455	112	6152	0.267	ug/L	98
52) Ethylbenzene	9.578	91	67636	1.627	ug/L	100
53) m,p-Xylene	9.700	106	47848	3.040	ug/L	100
54) o-Xylene	10.105	106	4878	0.319	ug/L	95
60) Isopropylbenzene	10.491	105	30007	0.724	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	116442	3.225	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	230945	6.254	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 03 04:56:00 2021
Response via : Initial Calibration

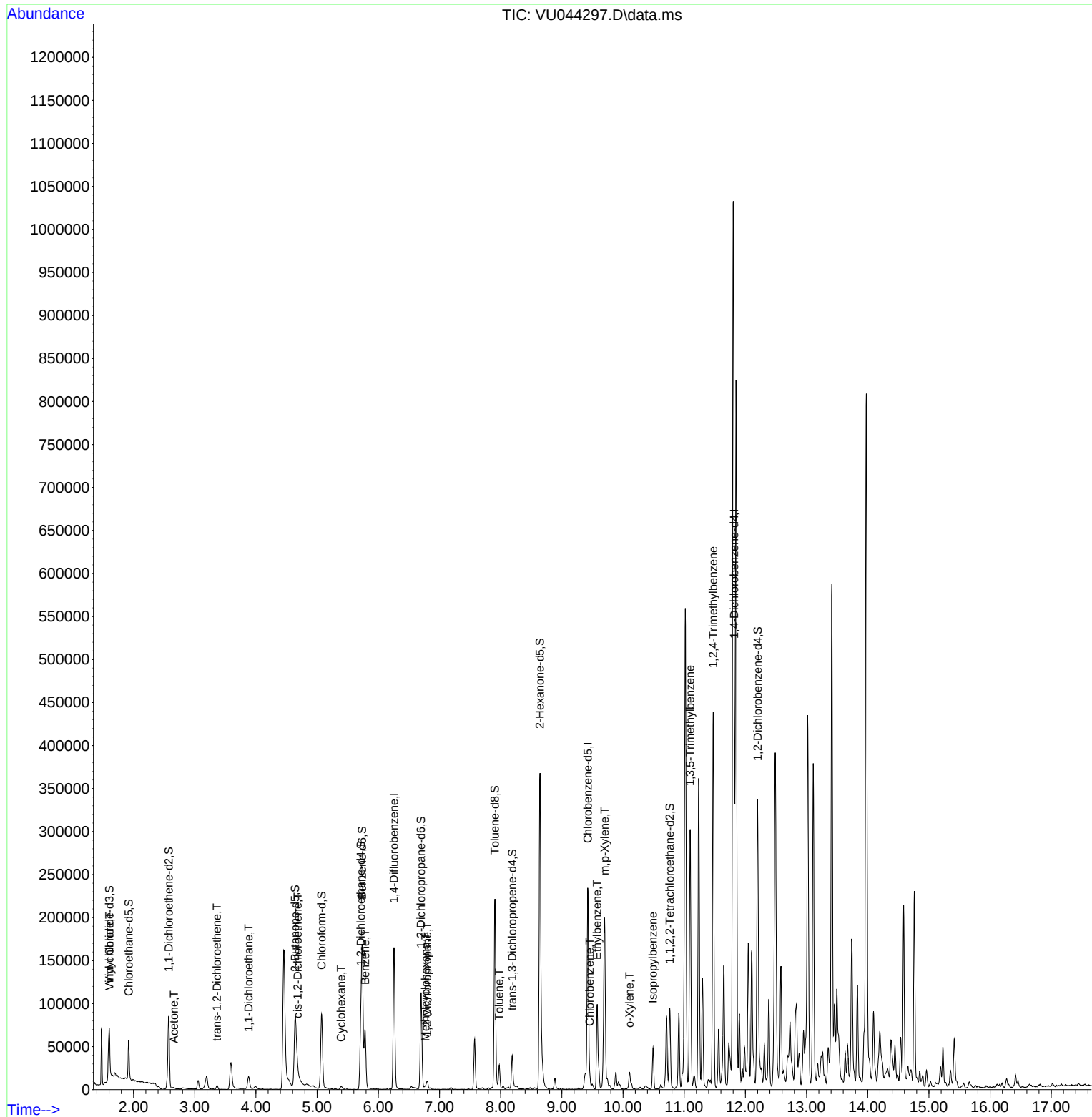
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

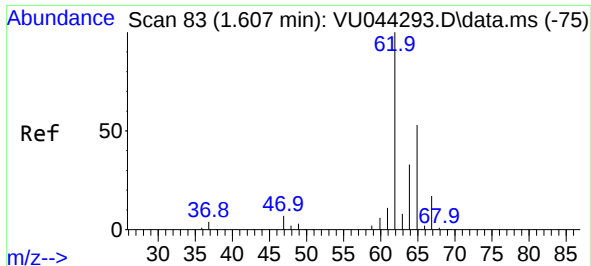
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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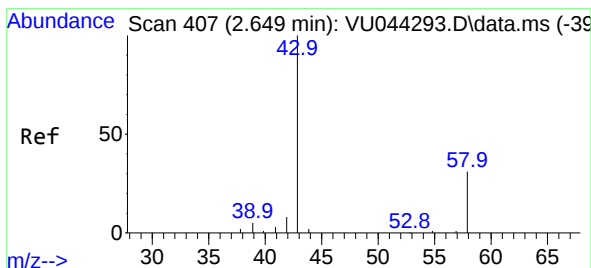
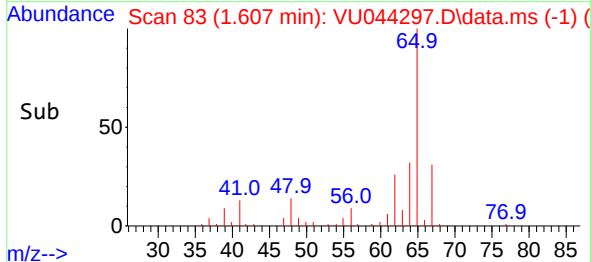
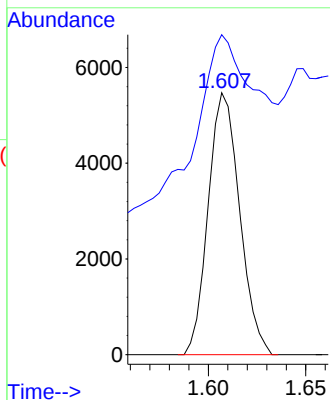
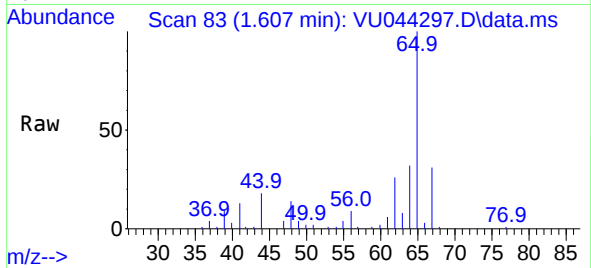




#5
 Vinyl chloride
 Concen: 0.662 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044297.D
 Acq: 02 Jul 2021 12:17

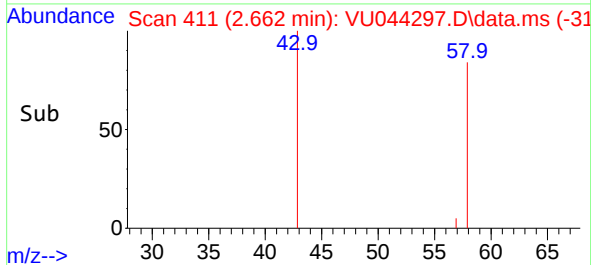
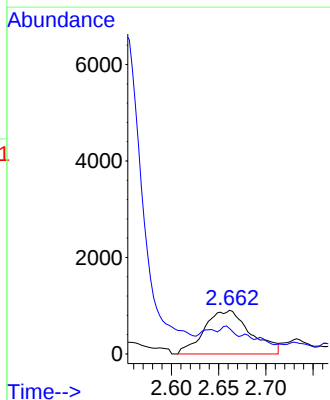
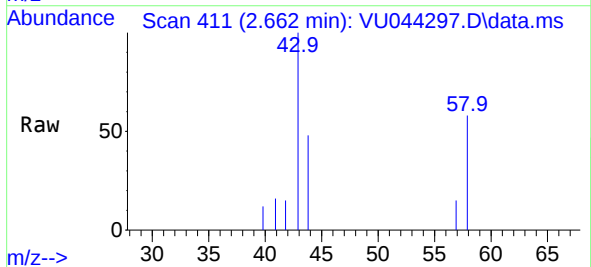
Instrument :
 MSVOA_U
 ClientSampleID :
 DBK32DL

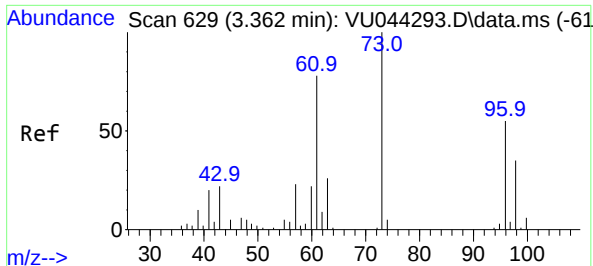
Tgt Ion: 62 Resp: 6149
 Ion Ratio Lower Upper
 62 100
 64 122.1 23.7 44.1#



#13
 Acetone
 Concen: 2.623 ug/L
 RT: 2.662 min Scan# 411
 Delta R.T. 0.013 min
 Lab File: VU044297.D
 Acq: 02 Jul 2021 12:17

Tgt Ion: 43 Resp: 3072
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 53.8



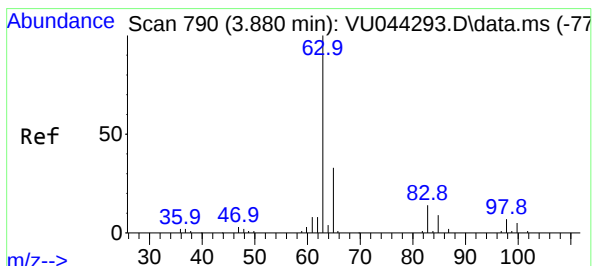
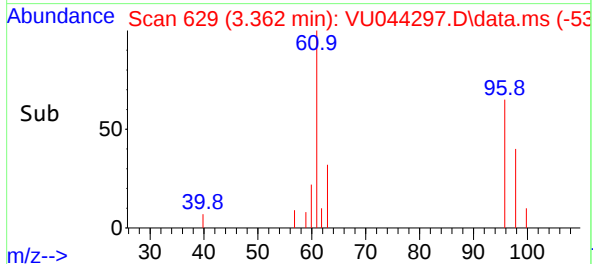
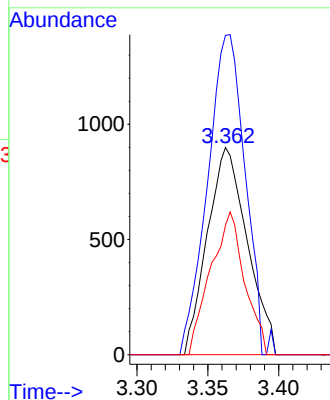
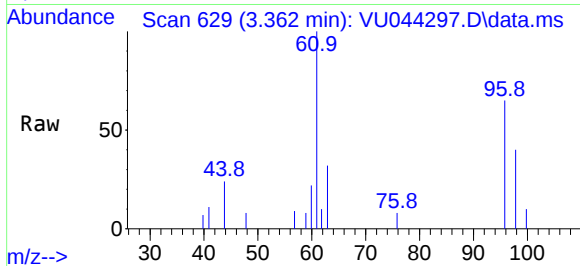


#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
DBK32DL

Tgt Ion: 96 Resp: 1760

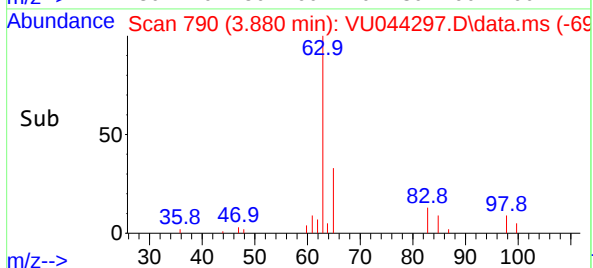
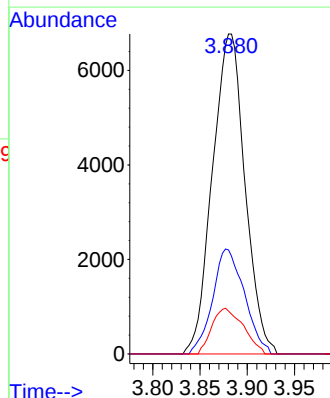
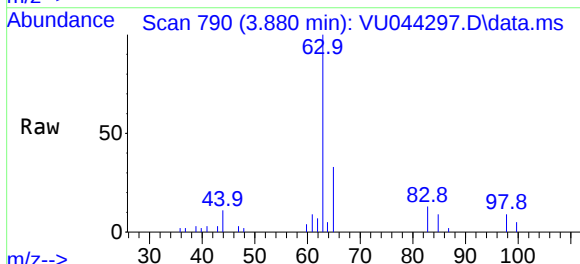
Ion	Ratio	Lower	Upper
96	100		
61	154.2	100.2	186.2
98	62.4	44.9	83.5

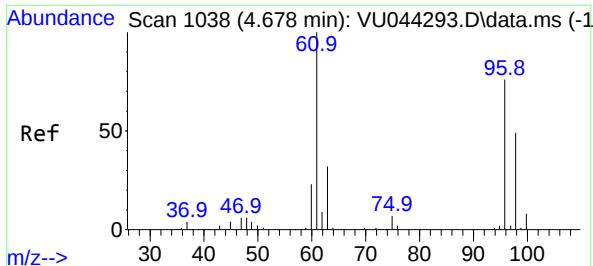


#19
1,1-Dichloroethane
Concen: 1.052 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion: 63 Resp: 16204

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.3
83	12.8	9.9	18.5



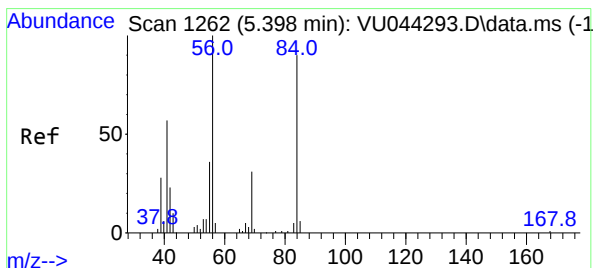
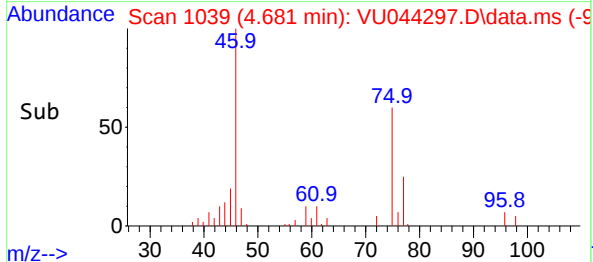
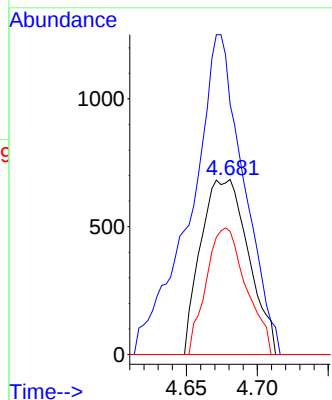
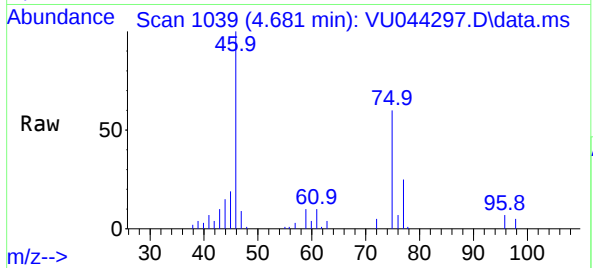


#22
cis-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
DBK32DL

Tgt Ion: 96 Resp: 1604

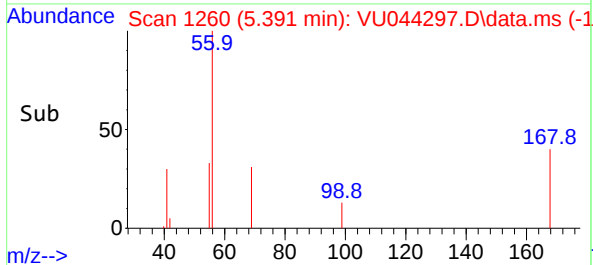
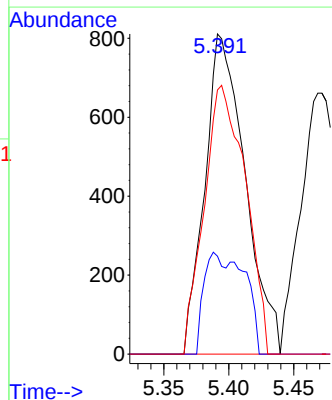
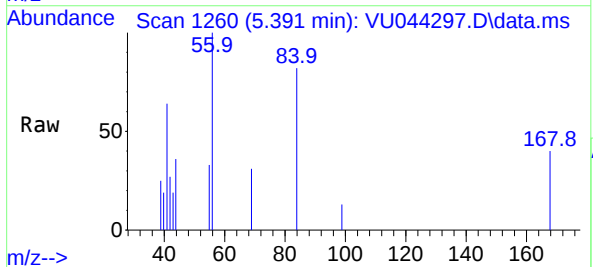
Ion	Ratio	Lower	Upper
96	100		
61	142.8	98.8	183.6
98	70.4	44.8	83.2

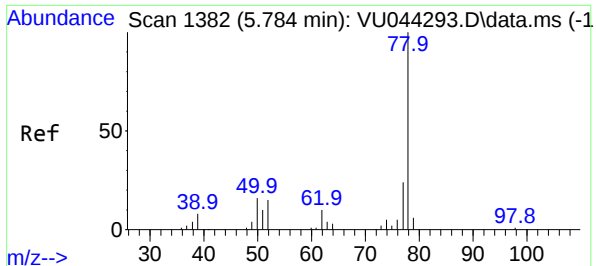


#30
Cyclohexane
Concen: 0.121 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion: 56 Resp: 1752

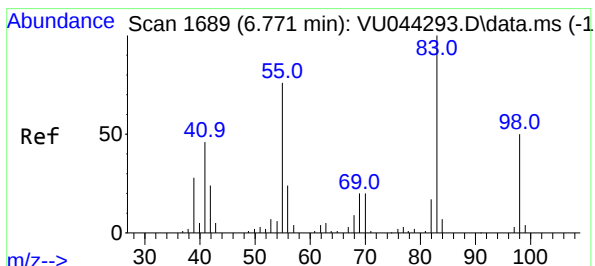
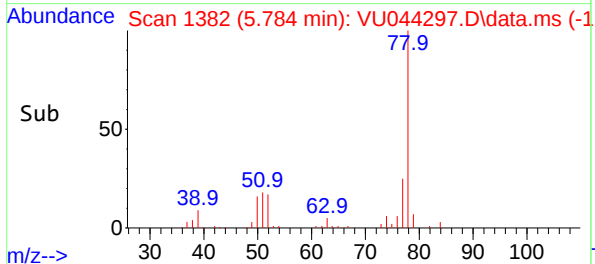
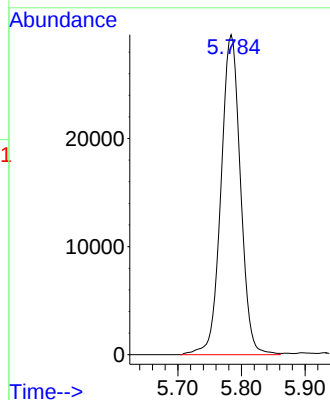
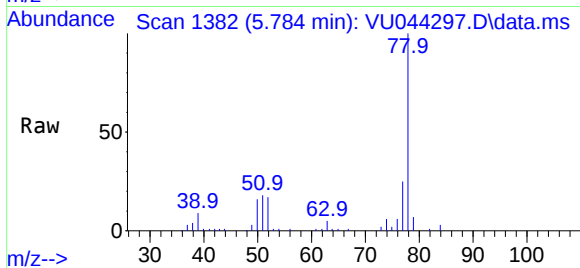
Ion	Ratio	Lower	Upper
56	100		
69	16.7	24.8	37.2#
84	86.1	67.8	101.8





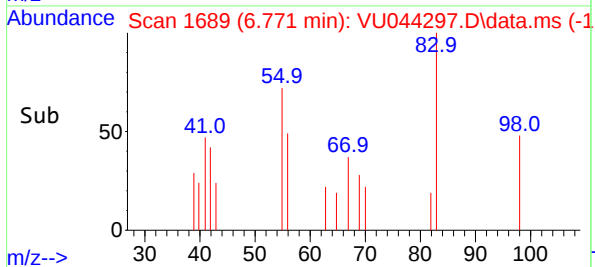
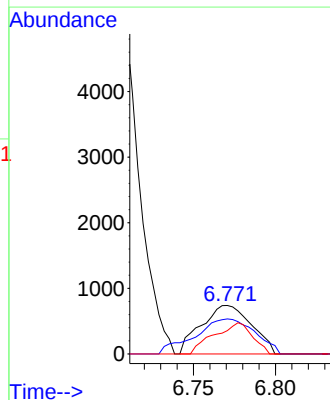
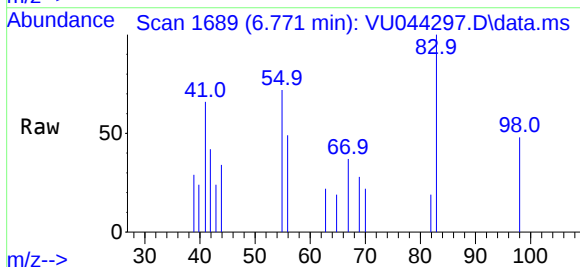
#33
Benzene
Concen: 1.929 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17
Tgt Ion: 78 Resp: 63078

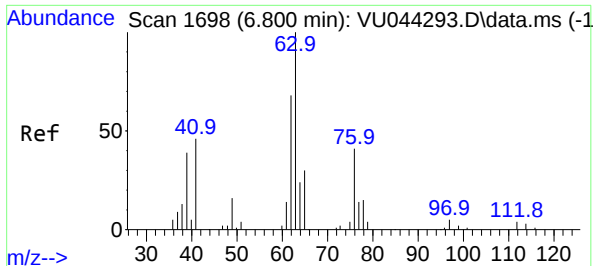
Instrument :
MSVOA_U
ClientSampleId :
DBK32DL



#35
Methylcyclohexane
Concen: 0.108 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17
Tgt Ion: 83 Resp: 1584

Ion	Ratio	Lower	Upper
83	100		
55	85.7	63.4	95.0
98	48.9	39.4	59.0

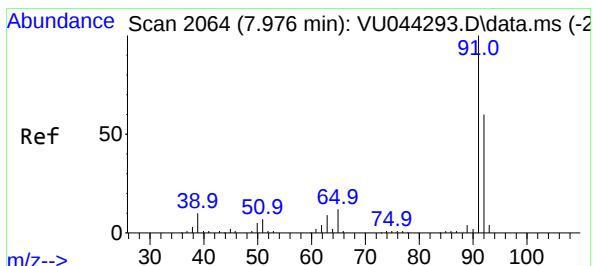
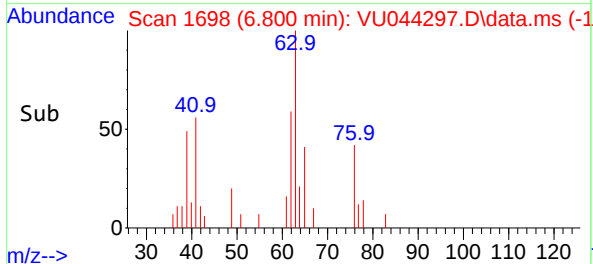
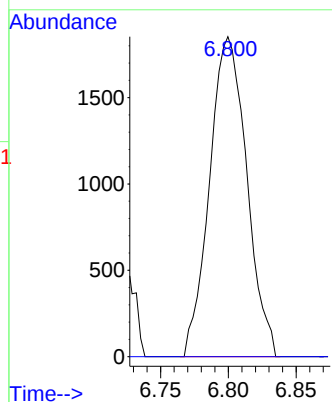
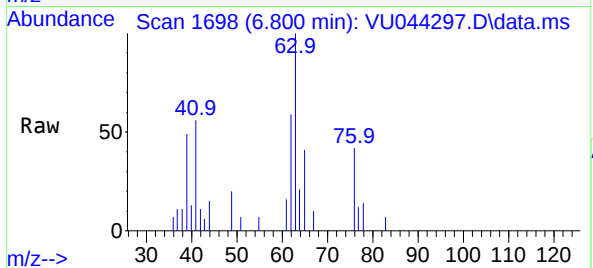




#37
1,2-Dichloropropane
Concen: 0.409 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

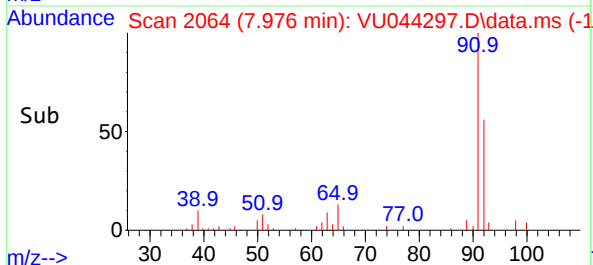
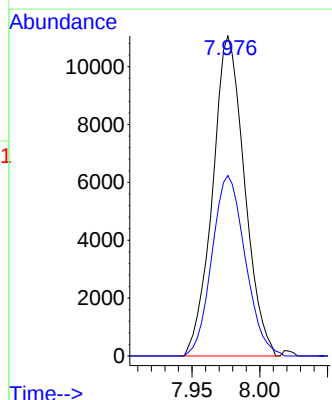
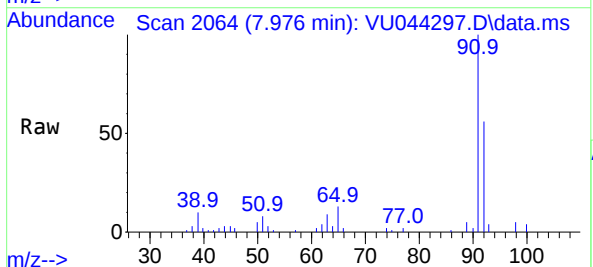
Instrument :
MSVOA_U
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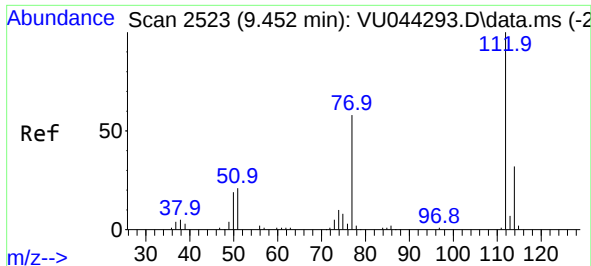
Tgt Ion: 63 Resp: 3533
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#42
Toluene
Concen: 0.503 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion: 91 Resp: 18120
Ion Ratio Lower Upper
91 100
92 56.4 41.2 76.6

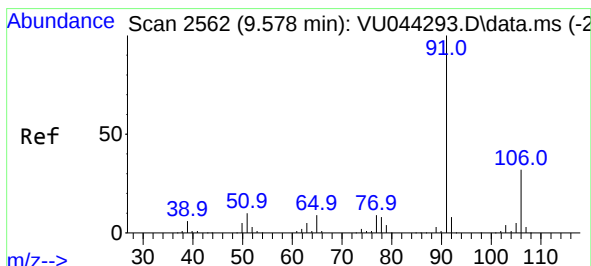
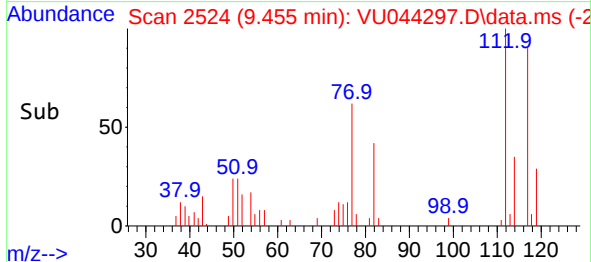
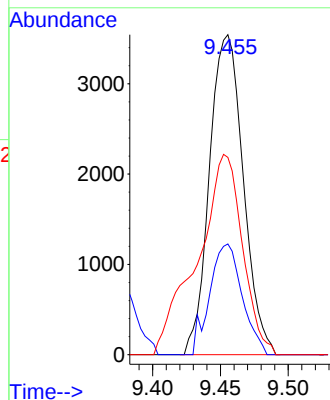
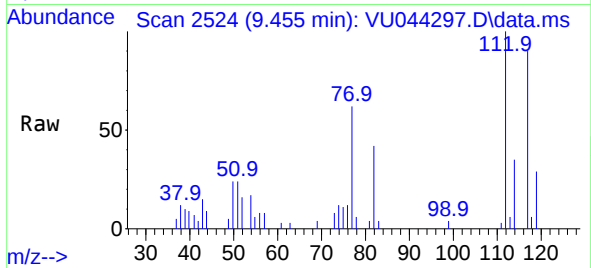




#51
Chlorobenzene
Concen: 0.267 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

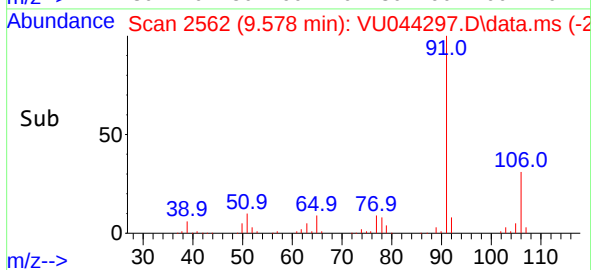
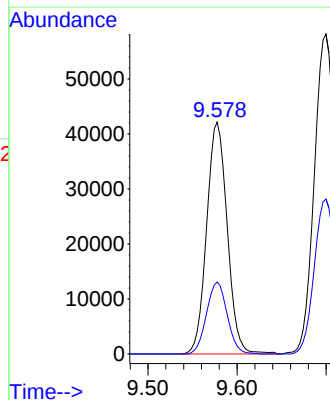
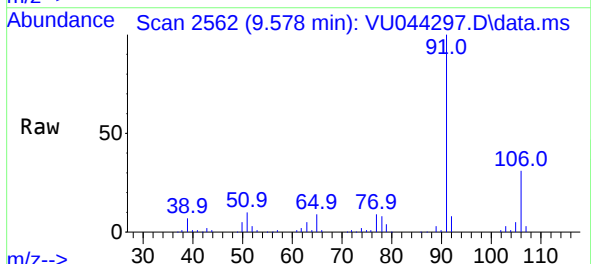
Instrument :
MSVOA_U
ClientSampleId :
DBK32DL

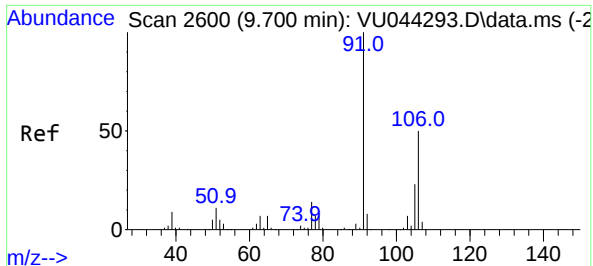
Tgt Ion:112 Resp: 6152
Ion Ratio Lower Upper
112 100
114 34.6 22.0 41.0
77 61.7 48.9 73.3



#52
Ethylbenzene
Concen: 1.627 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion: 91 Resp: 67636
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2

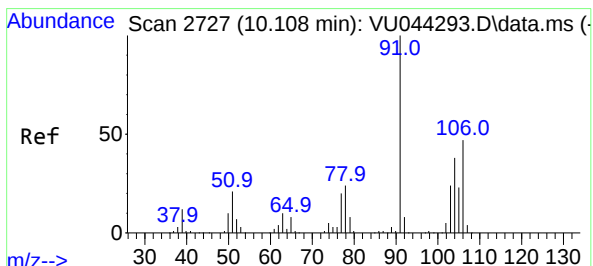
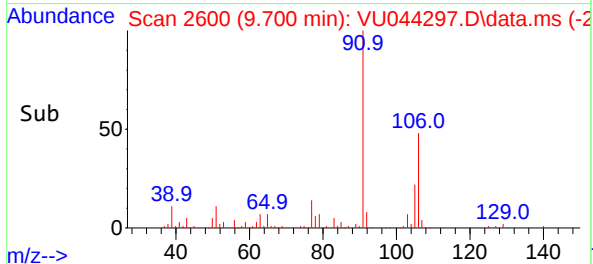
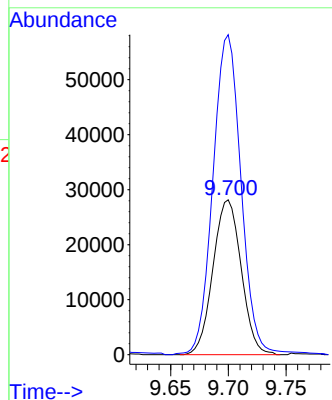
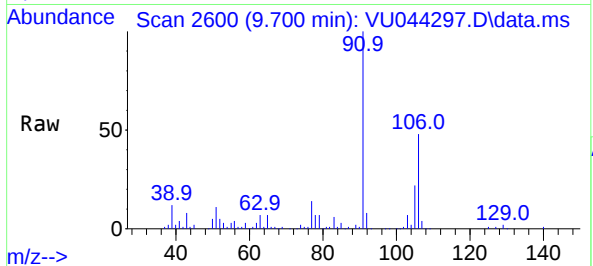




#53
m,p-Xylene
Concen: 3.040 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

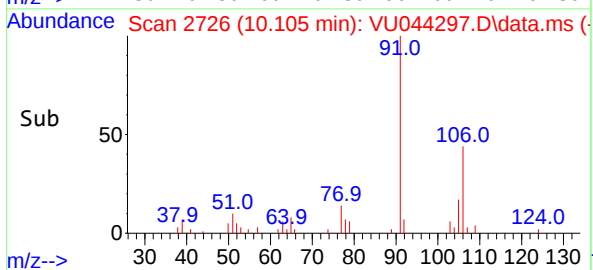
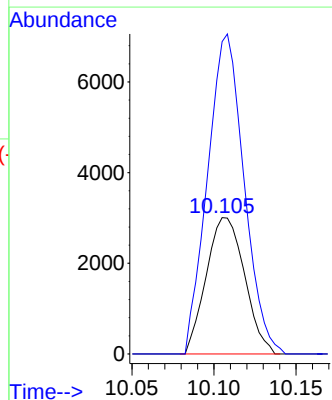
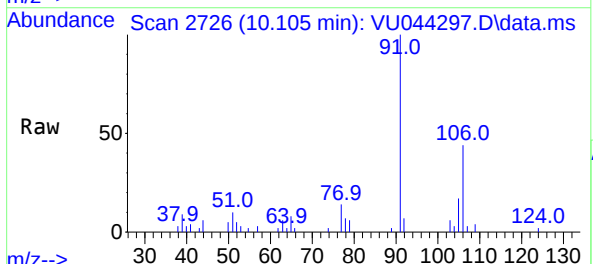
Instrument :
MSVOA_U
ClientSampled :
DBK32DL

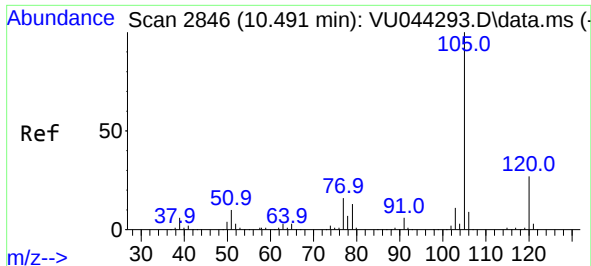
Tgt Ion:106 Resp: 47848
Ion Ratio Lower Upper
106 100
91 206.6 144.8 269.0



#54
o-Xylene
Concen: 0.319 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion:106 Resp: 4878
Ion Ratio Lower Upper
106 100
91 229.1 154.8 287.4

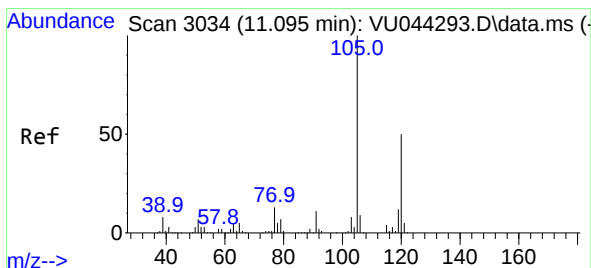
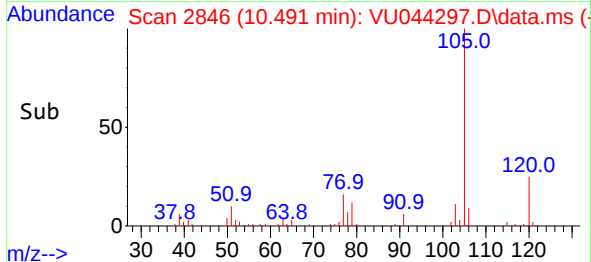
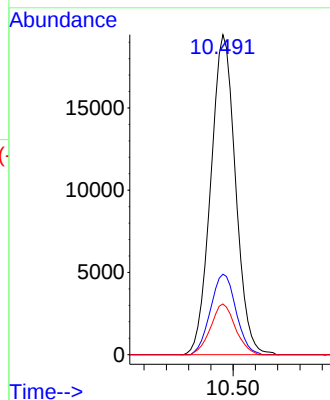
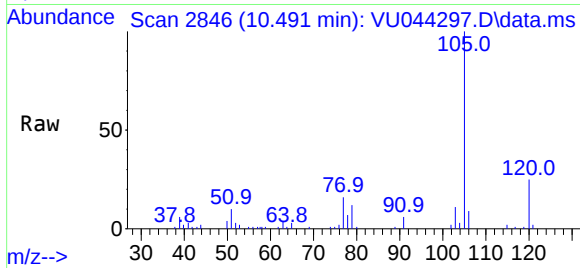




#60
Isopropylbenzene
Concen: 0.724 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

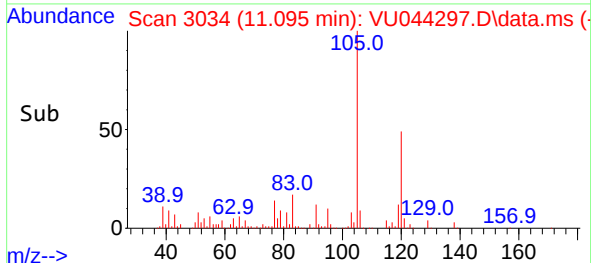
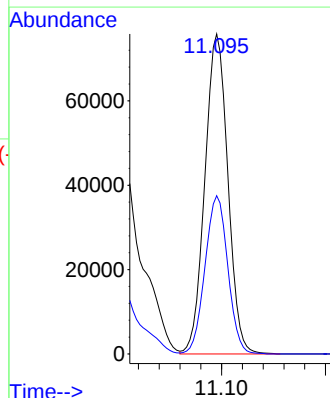
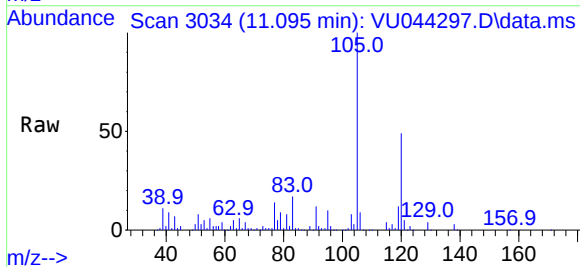
Instrument :
MSVOA_U
ClientSampled :
DBK32DL

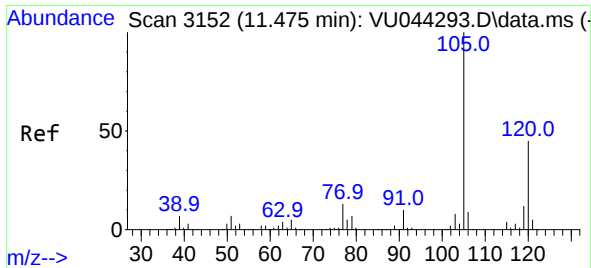
Tgt Ion:	105	Resp:	30007
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.7	31.1
77	15.8	12.9	19.3



#62
1,3,5-Trimethylbenzene
Concen: 3.225 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Tgt Ion:	105	Resp:	116442
Ion Ratio	Lower	Upper	
105	100		
120	49.0	38.0	57.0





#63
1,2,4-Trimethylbenzene
Concen: 6.254 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044297.D
Acq: 02 Jul 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
DBK32DL

Tgt Ion:105 Resp: 230945
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

