

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044285.D
 Acq On : 01 Jul 2021 14:49
 Operator : SY/MD
 Sample : M2905-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK26

Quant Time: Jul 02 01:52:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

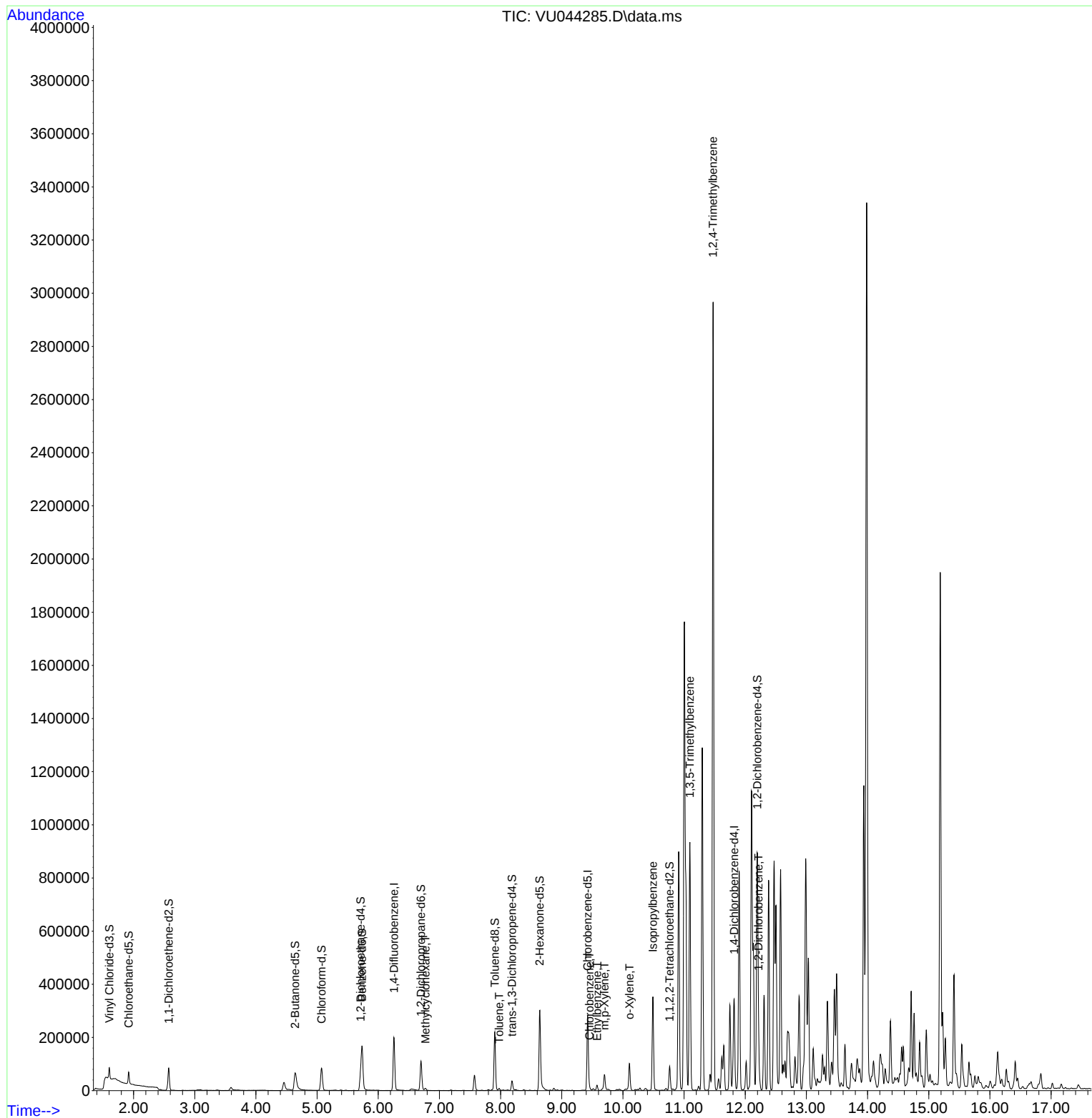
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	158810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	151272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	84505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27594	3.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.919	69	30923	3.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.575	65	15278	3.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.642	46	129881	41.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.040%
24) Chloroform-d	5.073	84	76088	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.713	65	44569	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	5.735	84	151538	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.700	67	49797	4.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.906	98	139231	3.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.185	79	19824	3.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.639	63	119041	44.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42931	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	60643	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
35) Methylcyclohexane	6.771	83	3230	0.182	ug/L	88
42) Toluene	7.976	91	5055	0.116	ug/L	85
51) Chlorobenzene	9.452	112	3571	0.128	ug/L	92
52) Ethylbenzene	9.578	91	13885	0.275	ug/L	98
53) m,p-Xylene	9.700	106	15133	0.792	ug/L	99
54) o-Xylene	10.108	106	25884	1.394	ug/L	94
60) Isopropylbenzene	10.491	105	226428	4.407	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	495203	11.060	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	1581757	34.540	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	1331	0.061	ug/L #	76

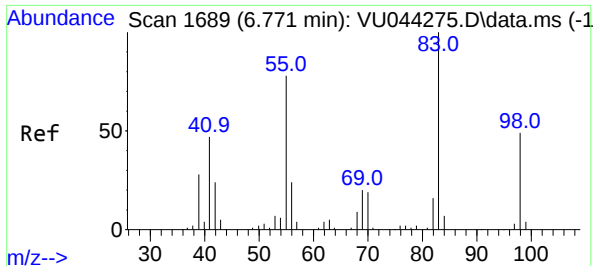
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 01:52:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 02 01:46:49 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.182 ug/L

RT: 6.771 min Scan# 1689

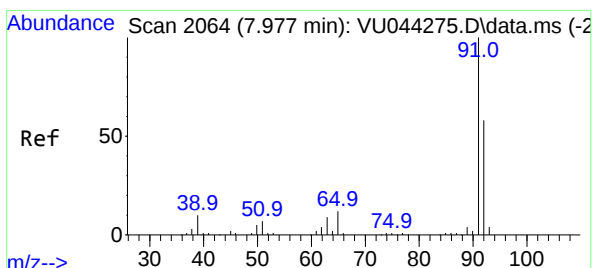
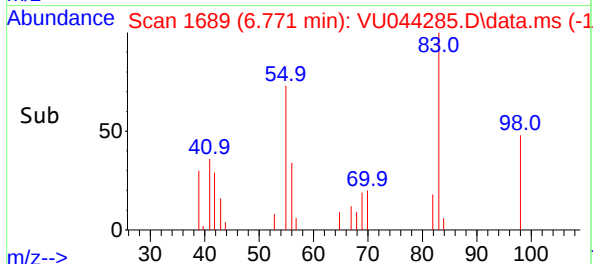
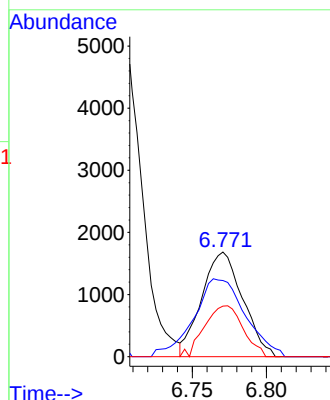
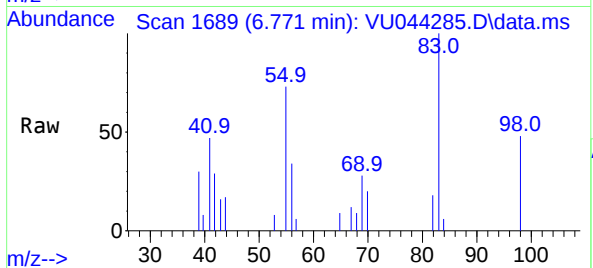
Delta R.T. -0.001 min

Lab File: VU044285.D

Acq: 01 Jul 2021 14:49

Tgt Ion:	83	Resp:	3230
Ion	Ratio	Lower	Upper
83	100		
55	93.6	63.4	95.0
98	45.8	39.4	59.0

Instrument :
MSVOA_U
ClientSampleId :
DBK26



#42

Toluene

Concen: 0.116 ug/L

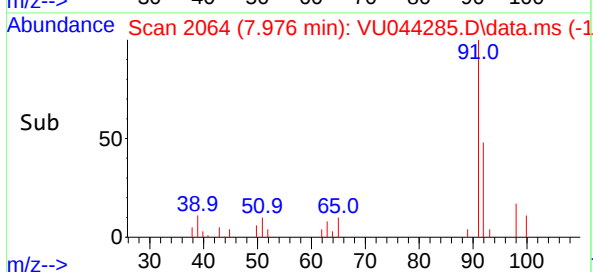
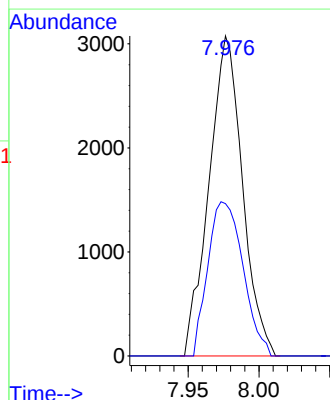
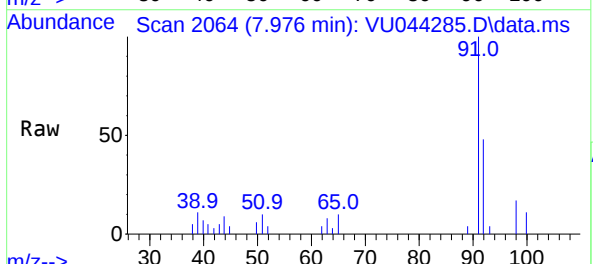
RT: 7.976 min Scan# 2064

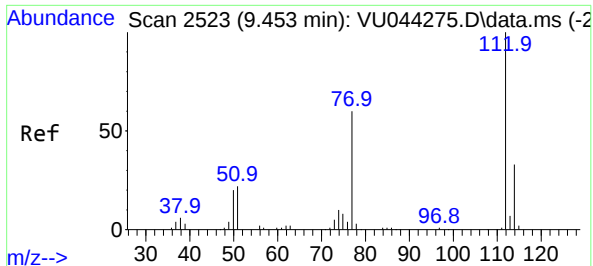
Delta R.T. -0.001 min

Lab File: VU044285.D

Acq: 01 Jul 2021 14:49

Tgt Ion:	91	Resp:	5055
Ion	Ratio	Lower	Upper
91	100		
92	47.6	41.2	76.6

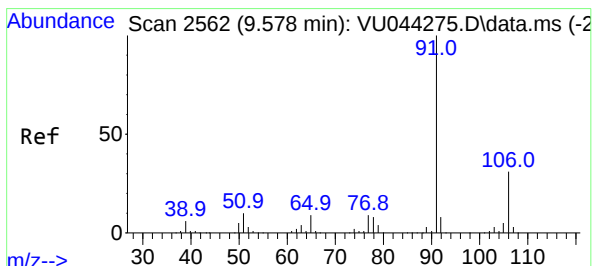
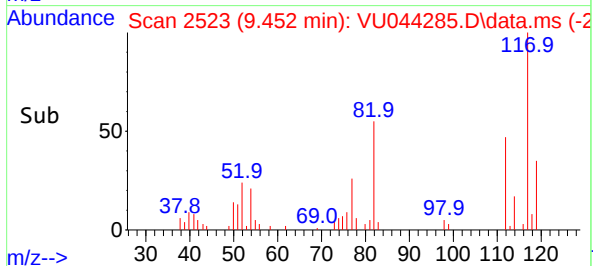
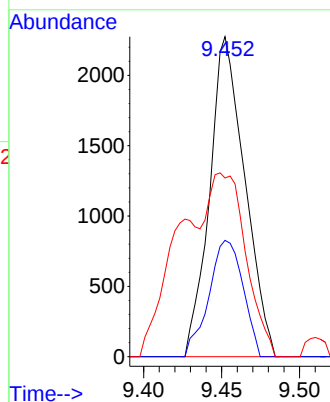
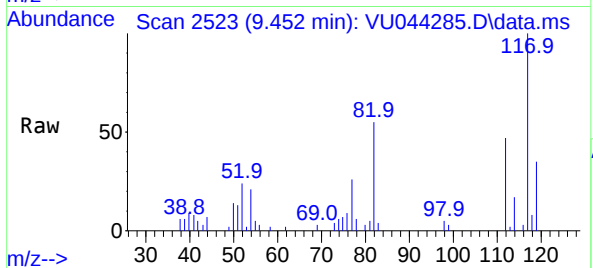




#51
Chlorobenzene
Concen: 0.128 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

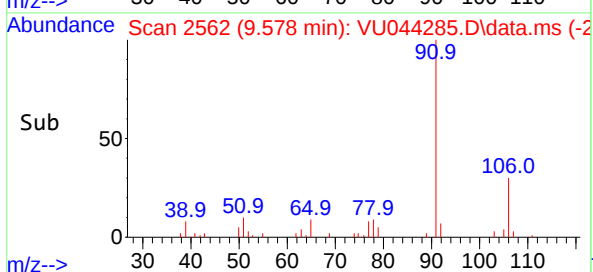
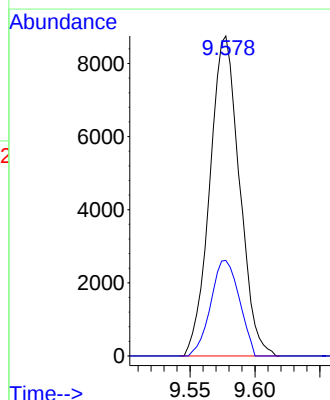
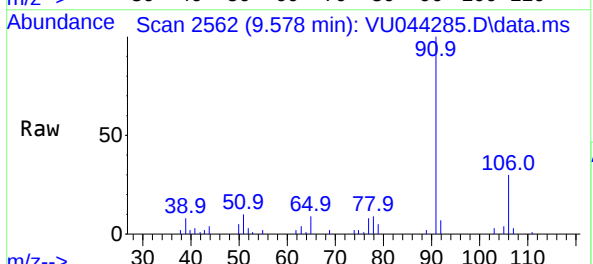
Instrument :
MSVOA_U
ClientSampleId :
DBK26

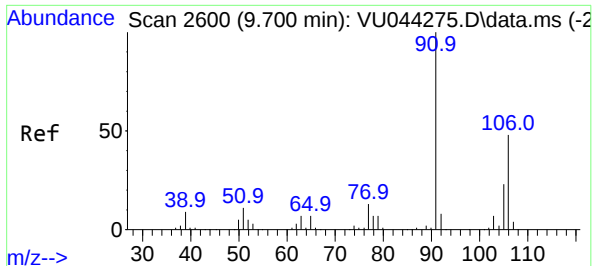
Tgt Ion:	112	Resp:	3571
Ion	Ratio	Lower	Upper
112	100		
114	36.4	22.0	41.0
77	55.9	48.9	73.3



#52
Ethylbenzene
Concen: 0.275 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

Tgt Ion:	91	Resp:	13885
Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.6	40.2

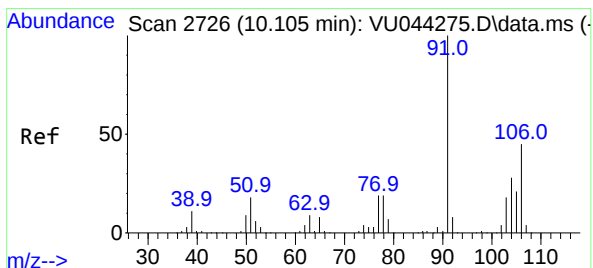
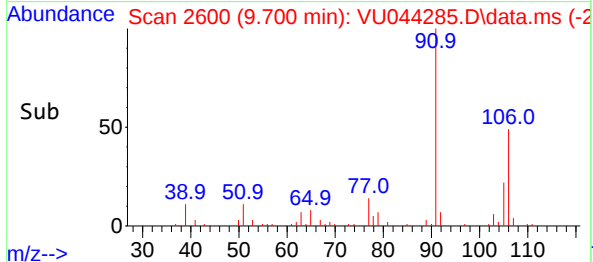
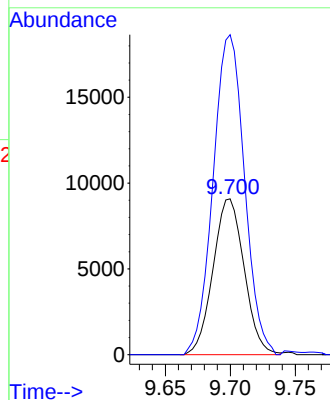
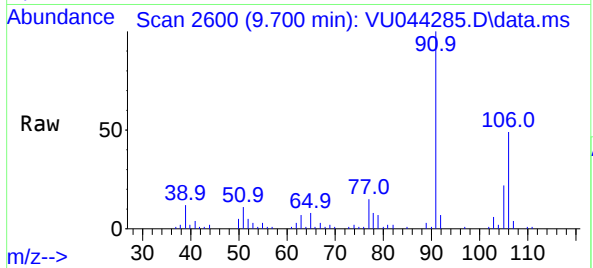




#53
m,p-Xylene
Concen: 0.792 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

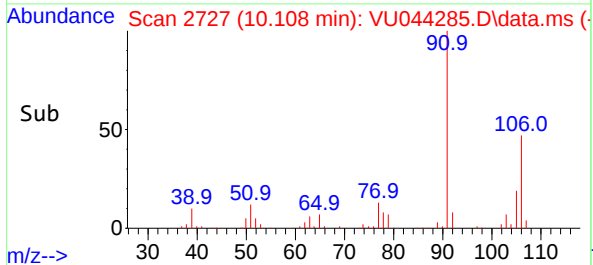
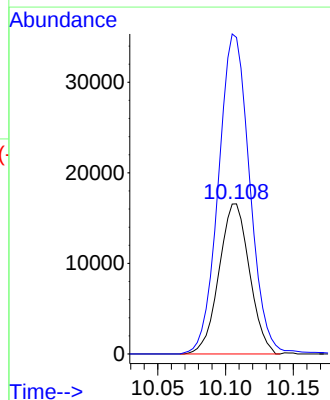
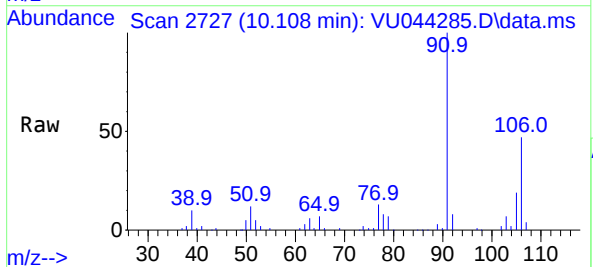
Tgt Ion:106 Resp: 15133
Ion Ratio Lower Upper
106 100
91 205.4 144.8 269.0

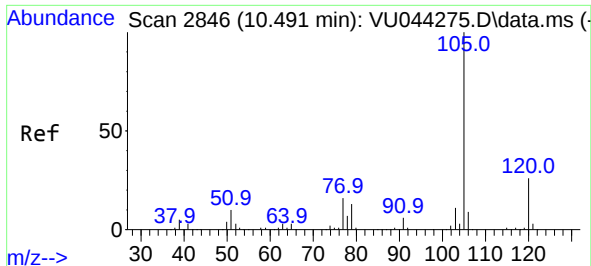
Instrument :
MSVOA_U
ClientSampleId :
DBK26



#54
o-Xylene
Concen: 1.394 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

Tgt Ion:106 Resp: 25884
Ion Ratio Lower Upper
106 100
91 210.8 154.8 287.4

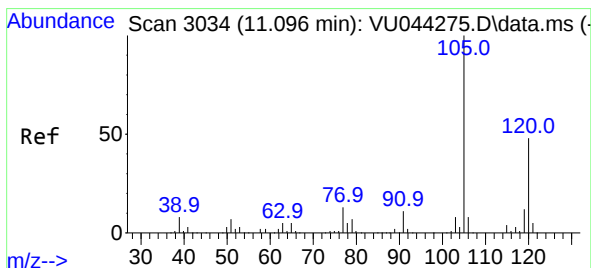
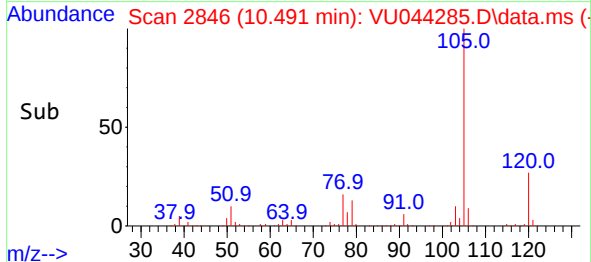
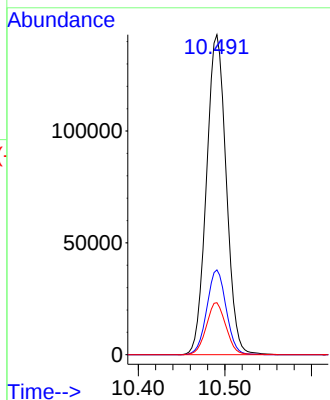
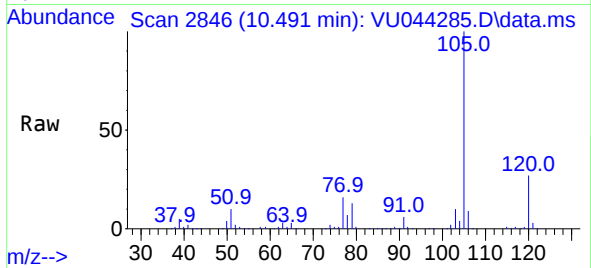




#60
Isopropylbenzene
Concen: 4.407 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

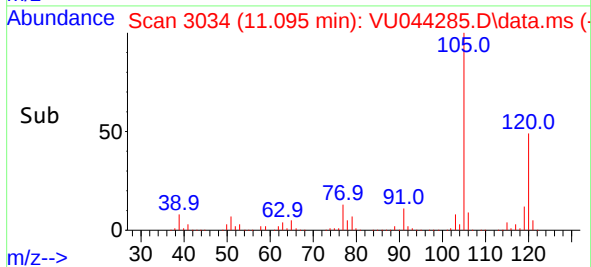
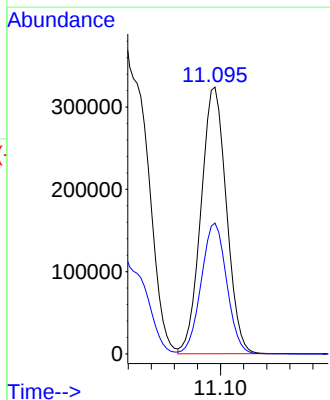
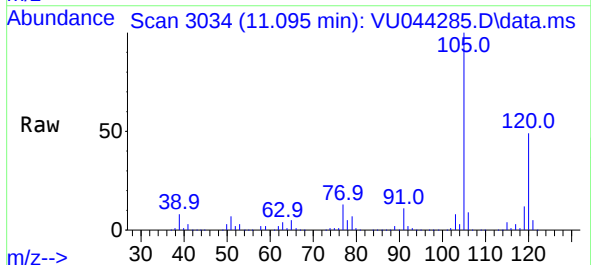
Instrument :
MSVOA_U
ClientSampled :
DBK26

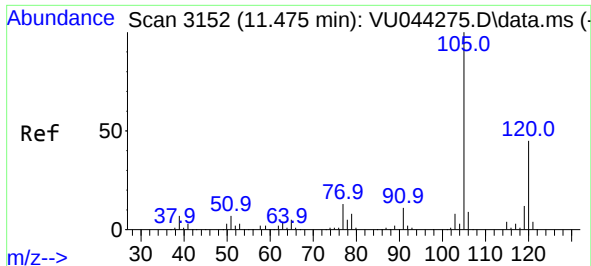
Tgt Ion:105 Resp: 226428
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.2 12.9 19.3



#62
1,3,5-Trimethylbenzene
Concen: 11.060 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

Tgt Ion:105 Resp: 495203
Ion Ratio Lower Upper
105 100
120 49.2 38.0 57.0

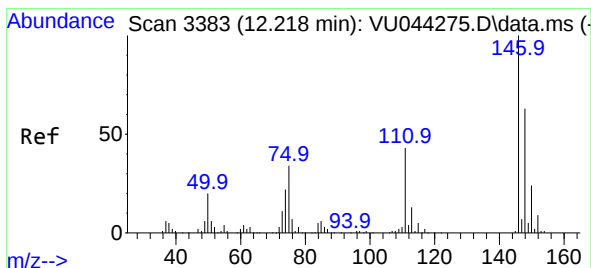
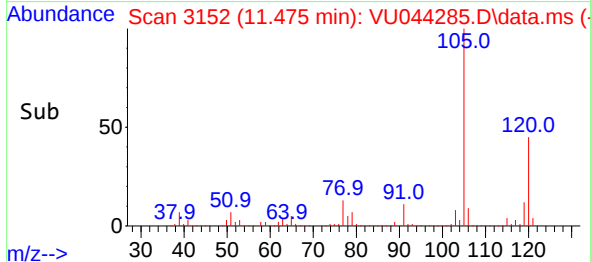
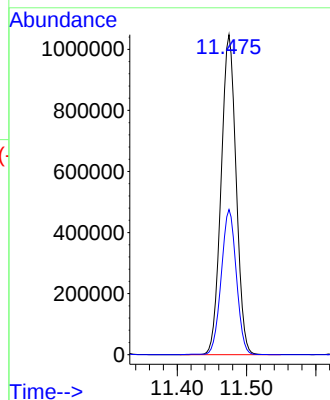
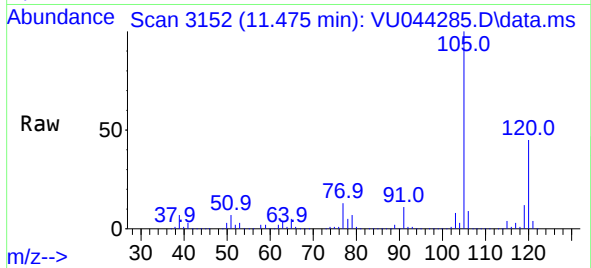




#63
1,2,4-Trimethylbenzene
Concen: 34.540 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

Instrument :
MSVOA_U
ClientSampleId :
DBK26

Tgt Ion:105 Resp: 1581757
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4



#67
1,2-Dichlorobenzene
Concen: 0.061 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.001 min
Lab File: VU044285.D
Acq: 01 Jul 2021 14:49

Tgt Ion:146 Resp: 1331
Ion Ratio Lower Upper
146 100
111 71.7 35.0 52.6#
148 55.9 51.2 76.8

