

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045296.D
 Acq On : 12 Oct 2021 16:58
 Operator : SY/MD
 Sample : M4070-18ME
 Misc : 4.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7E3ME

Manual Integrations
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Quant Time: Oct 13 02:54:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294461	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	286324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	147182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76814	23.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.660%#
7) Chloroethane-d5	1.871	69	28452	11.138	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	22.280%#
11) 1,1-Dichloroethene-d2	2.520	63	125534	23.190	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.380%#
21) 2-Butanone-d5	4.649	46	233730	91.716	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.720%
24) Chloroform-d	5.067	84	201063	39.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.980%
26) 1,2-Dichloroethane-d4	5.703	65	146178	42.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.780%
32) Benzene-d6	5.723	84	414339	41.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.694	67	143359	44.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.500%
41) Toluene-d8	7.903	98	373361	43.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.100%
43) trans-1,3-Dichloroprop...	8.186	79	62348	43.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.540%
47) 2-Hexanone-d5	8.652	63	171887	95.744	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.740%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	233864	46.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	147680	46.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.970	43	3002	0.826	ug/L #	74
16) Methylene chloride	3.028	84	2372	0.821	ug/L	90
29) Cyclohexane	5.369	56	2286m	0.531	ug/L	
35) Methylcyclohexane	6.758	83	35547	8.324	ug/L #	84
42) Toluene	7.973	91	6284	0.582	ug/L	97
61) Isopropylbenzene	10.491	105	50215	4.662	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	294288	31.947	ug/L	100

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

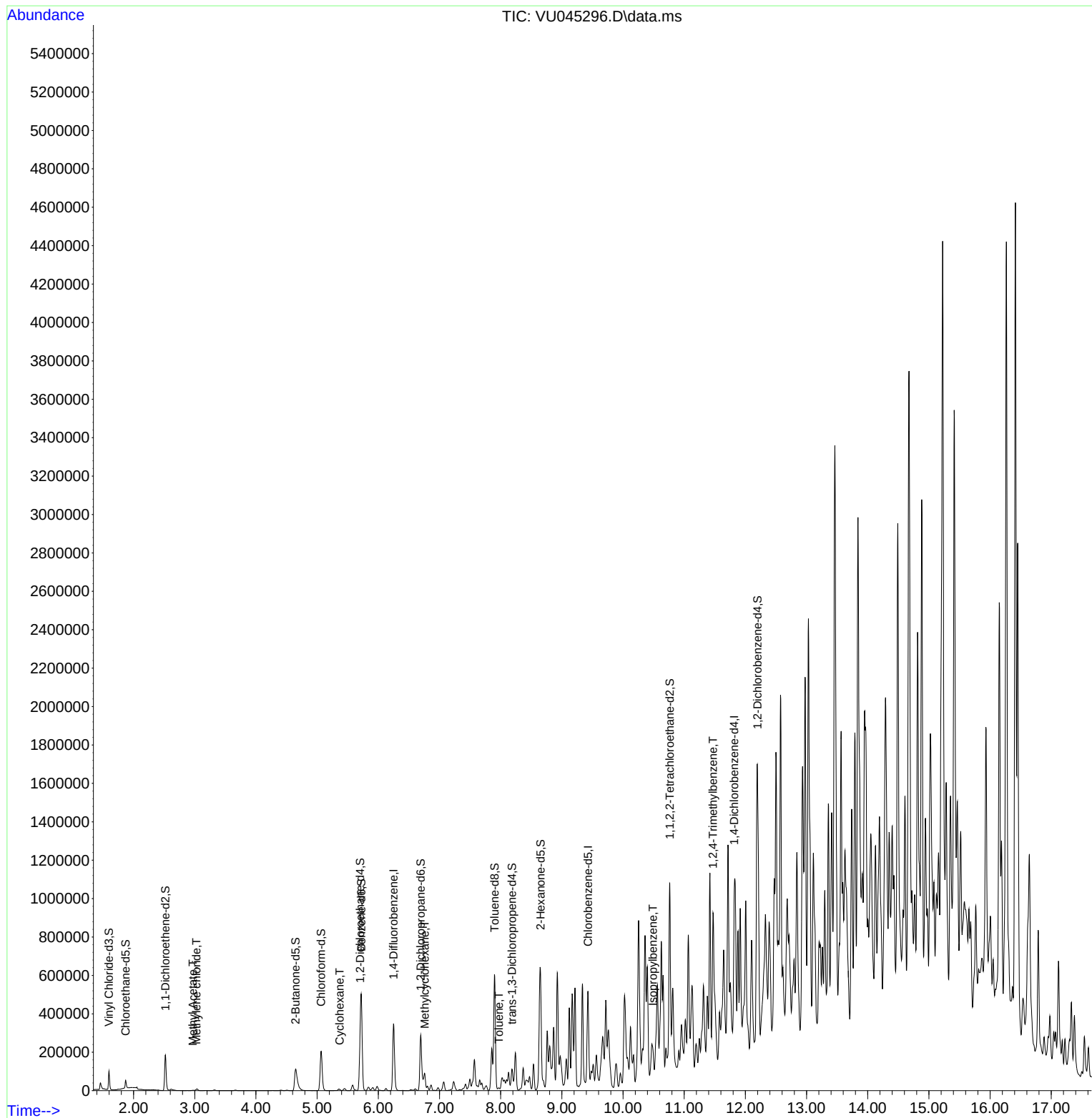
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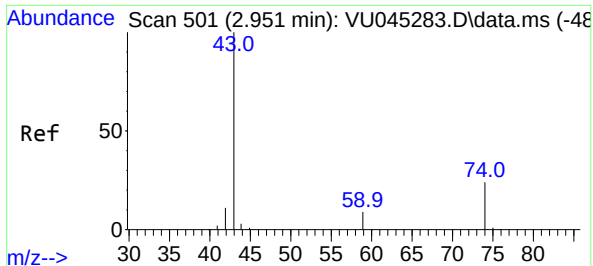
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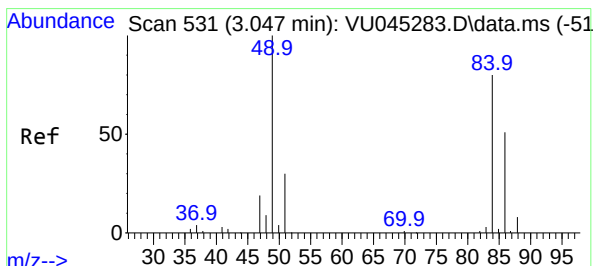
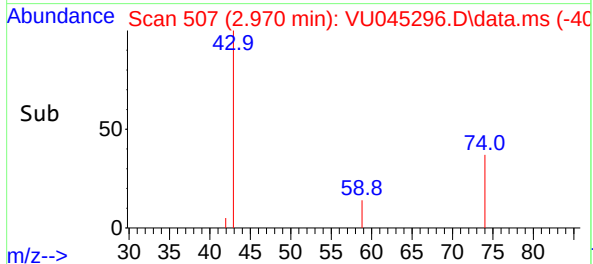
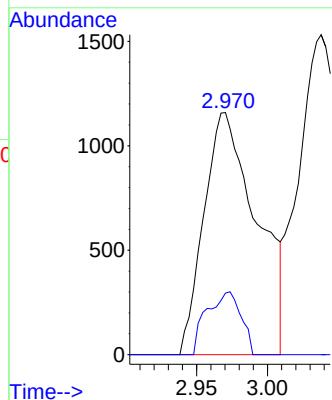
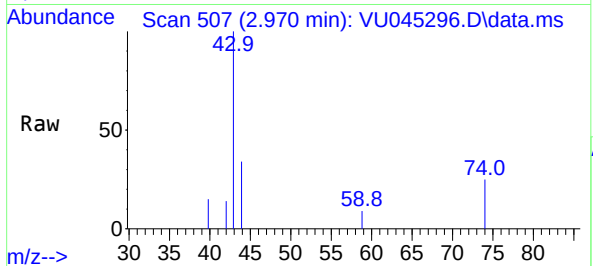
#15
Methyl Acetate
Concen: 0.826 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.019 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion: 43 Resp: 3002
Ion Ratio Lower Upper
43 100
74 10.3 18.4 27.6#

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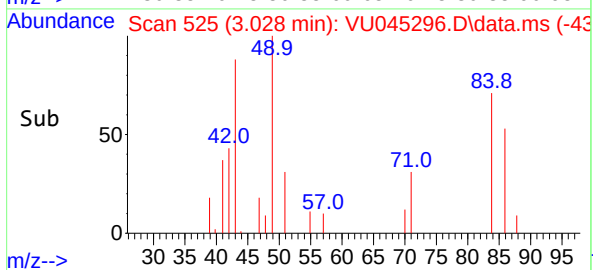
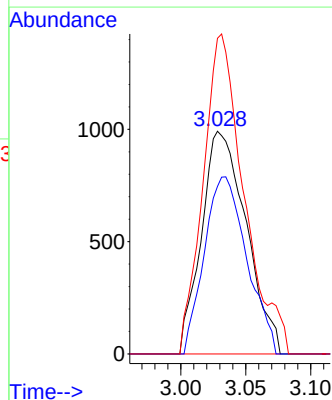
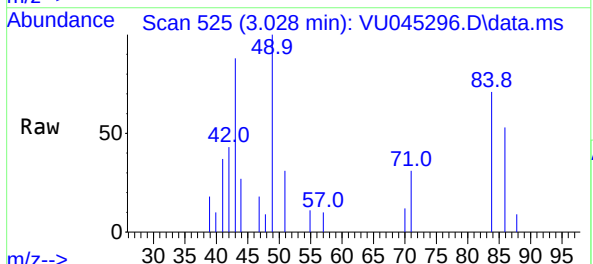
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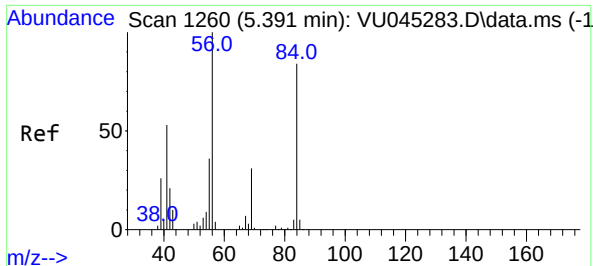
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#16
Methylene chloride
Concen: 0.821 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.019 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion: 84 Resp: 2372
Ion Ratio Lower Upper
84 100
86 75.2 44.7 83.1
49 141.7 92.9 172.5





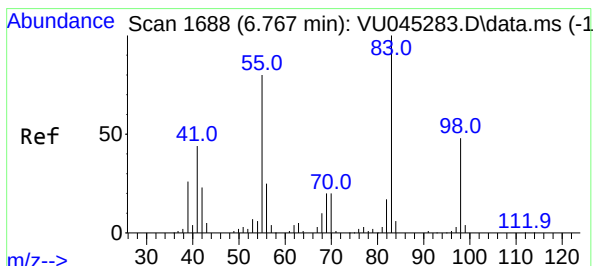
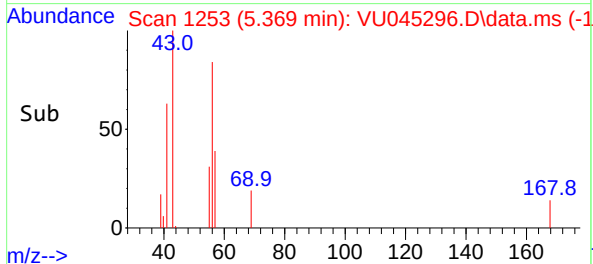
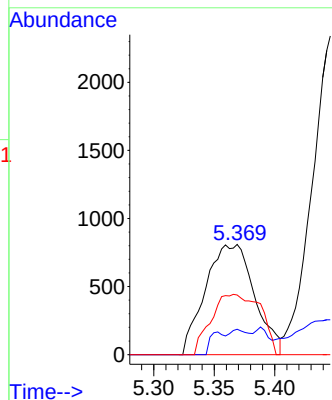
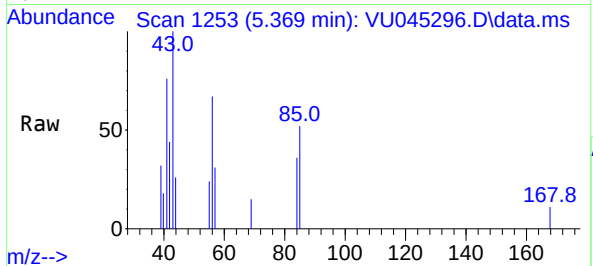
#29
Cyclohexane
Concen: 0.531 ug/L m
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion:	56	Resp:	2286
Ion Ratio	Lower	Upper	
56	100		
69	6.3	23.8	35.8#
84	22.4	66.8	100.2#

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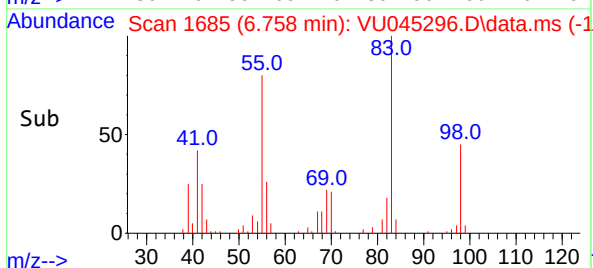
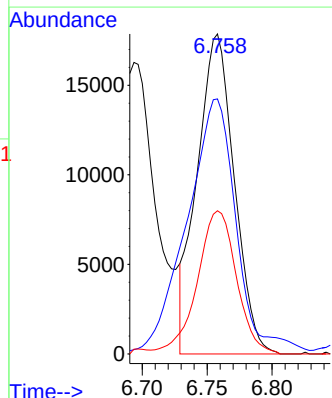
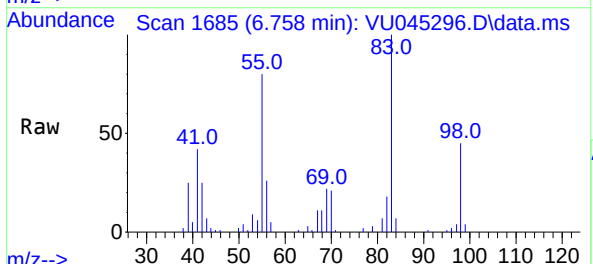
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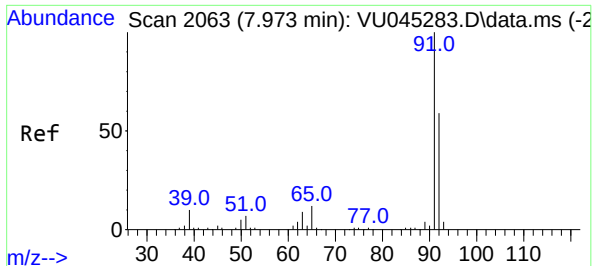
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#35
Methylcyclohexane
Concen: 8.324 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion:	83	Resp:	35547
Ion Ratio	Lower	Upper	
83	100		
55	104.3	65.8	98.6#
98	47.3	37.1	55.7





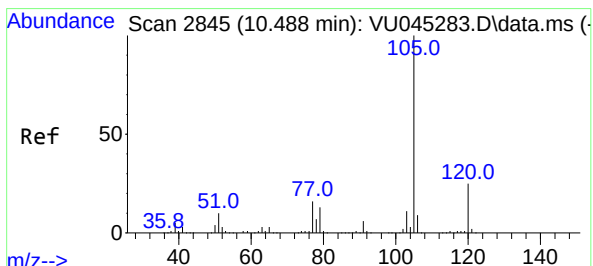
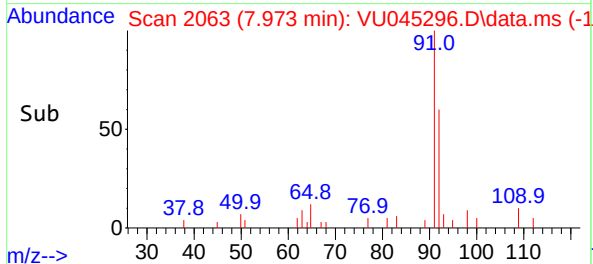
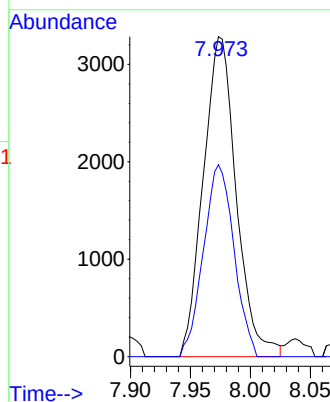
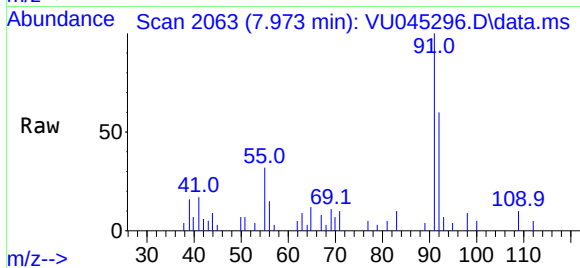
#42
Toluene
Concen: 0.582 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion: 91 Resp: 6284
Ion Ratio Lower Upper
91 100
92 60.0 40.5 75.1

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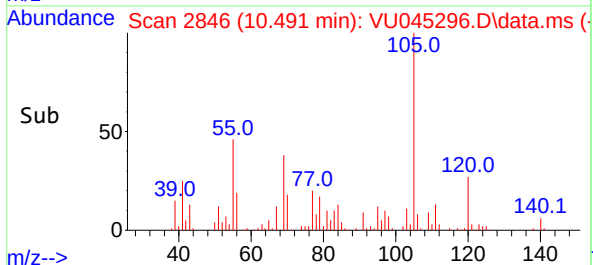
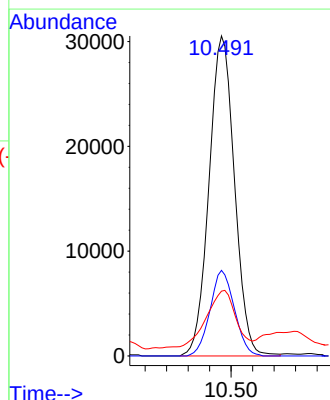
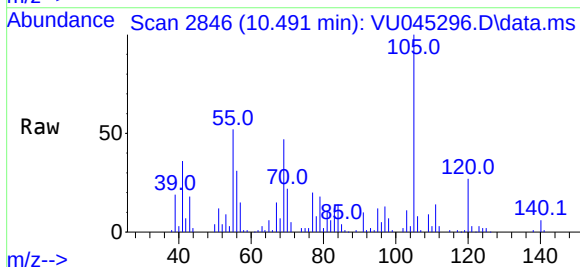
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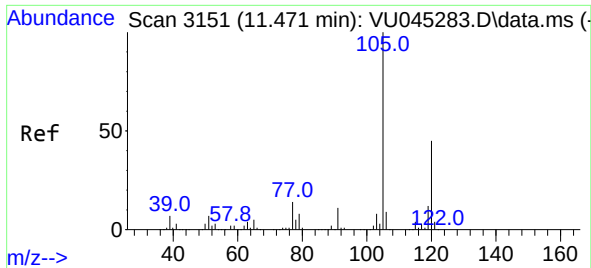
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#61
Isopropylbenzene
Concen: 4.662 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045296.D
Acq: 12 Oct 2021 16:58

Tgt Ion: 105 Resp: 50215
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 19.6 13.5 20.3





#63
 1,2,4-Trimethylbenzene
 Concen: 31.947 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU045296.D
 Acq: 12 Oct 2021 16:58

Tgt Ion:105 Resp: 294288
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.7 53.5

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7E3ME

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