LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
Data File : VU042903.D
Acq On : 02 Apr 2021 18:09
Operator : SY/MD
Sample : M1903-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Title : SW846 8260

Signal : TIC: VU042903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.694	101	110	124	rBV	21481	30835	1.11%	0.420%
2	2.382	292	324	371	rBV2	419098	2784738	100.00%	37.934%
3	2.645	395	406	432	rVB	15815	38532	1.38%	0.525%
4	5.298	1216	1231	1245	rBV	103640	220320	7.91%	3.001%
5	5.382	1245	1257	1278	rVB2	165485	335894	12.06%	4.576%
6	5.710	1342	1359	1376	rBV	116168	238600	8.57%	3.250%
7	6.256	1515	1529	1545	rBV	241526	449669	16.15%	6.125%
8	6.552	1607	1621	1657	rBV2	56390	186769	6.71%	2.544%
9	7.906	2027	2042	2056	rBV	377618	644653	23.15%	8.782%
10	9.423	2501	2514	2531	rBV	347540	571830	20.53%	7.790%
11	9.700	2589	2600	2616	rVB	52434	85292	3.06%	1.162%
12	10.108	2716	2727	2741	rVB	34907	54522	1.96%	0.743%
13	10.639	2880	2892	2907	rBV	294528	463859	16.66%	6.319%
14	11.005	2993	3006	3012	rBV	40246	67595	2.43%	0.921%
15	11.095	3024	3034	3047	rVB3	19630	30117	1.08%	0.410%
16	11.298	3088	3097	3108	rBV2	24486	35853	1.29%	0.488%
17	11.475	3142	3152	3169	rVB	86287	132918	4.77%	1.811%
18	11.819	3246	3259	3275	rBV	377399	592485	21.28%	8.071%
19	11.902	3275	3285	3299	rVB	39733	68640	2.46%	0.935%
20	12.102	3328	3347	3356	rBV3	28349	59596	2.14%	0.812%
21	13.034	3629	3637	3648	rVB2	22091	32713	1.17%	0.446%
22	13.462	3757	3770	3785	rVB3	38840	68133	2.45%	0.928%
23	13.632	3814	3823	3832	rVB3	18662	28530	1.02%	0.389%
24	14.095	3952	3967	3987	rVB	47490	75552	2.71%	1.029%
25	14.693	4138	4153	4169	rVB4	22896	43293	1.55%	0.590%

Sum of corrected areas: 7340938

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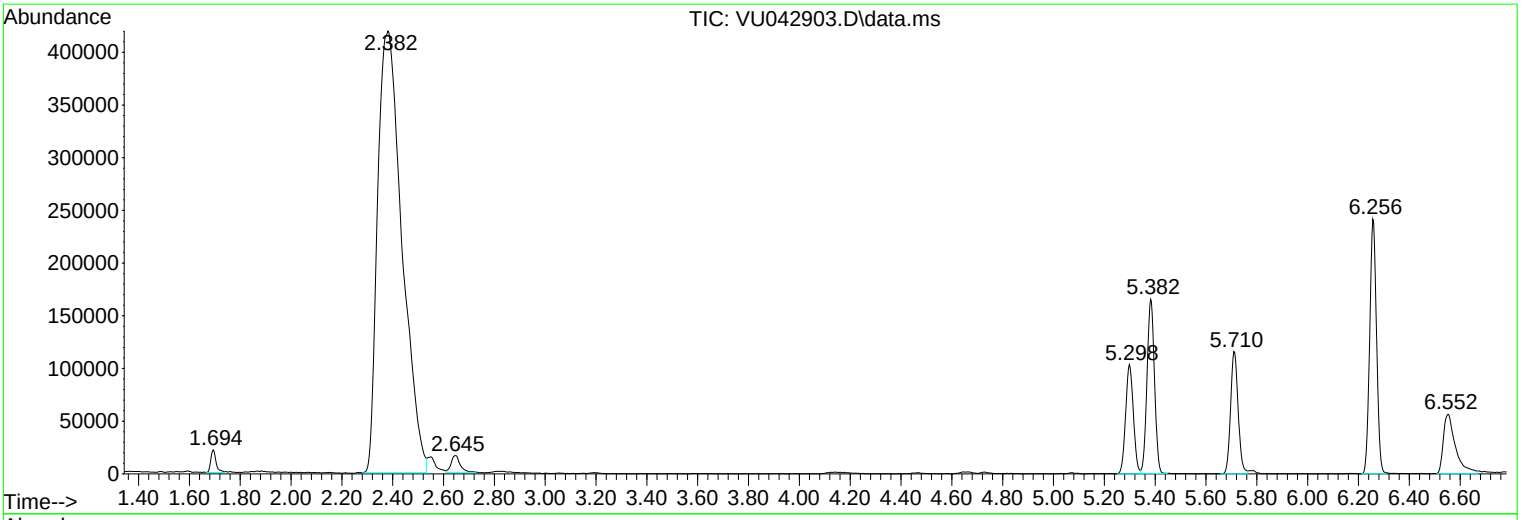
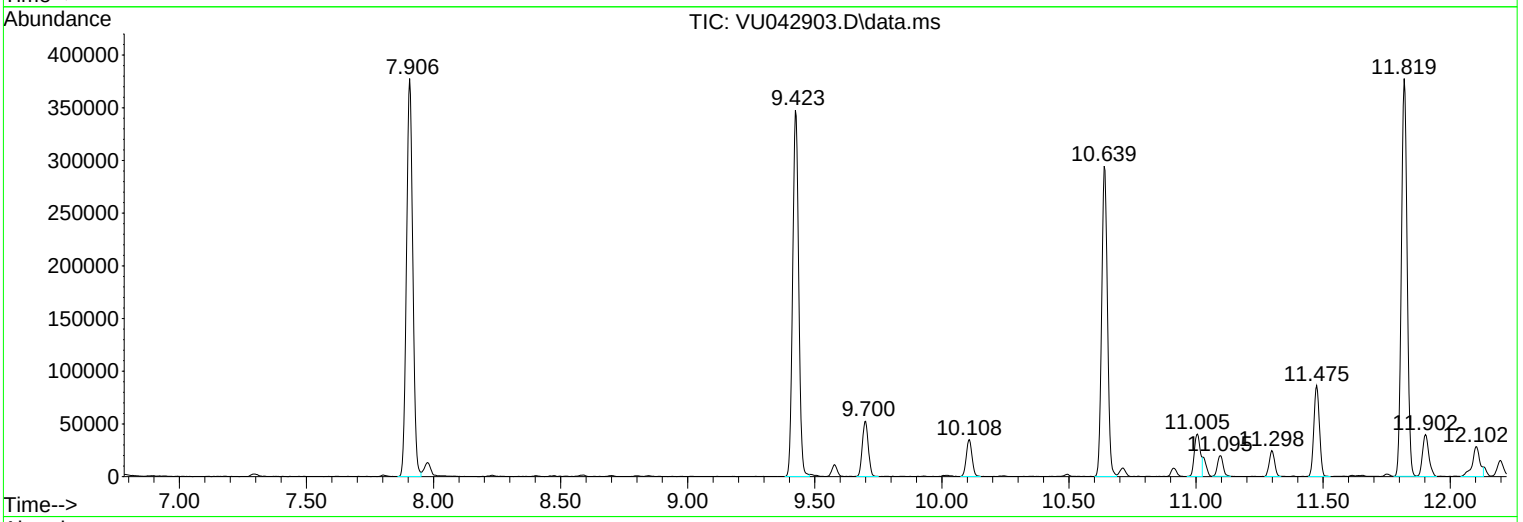
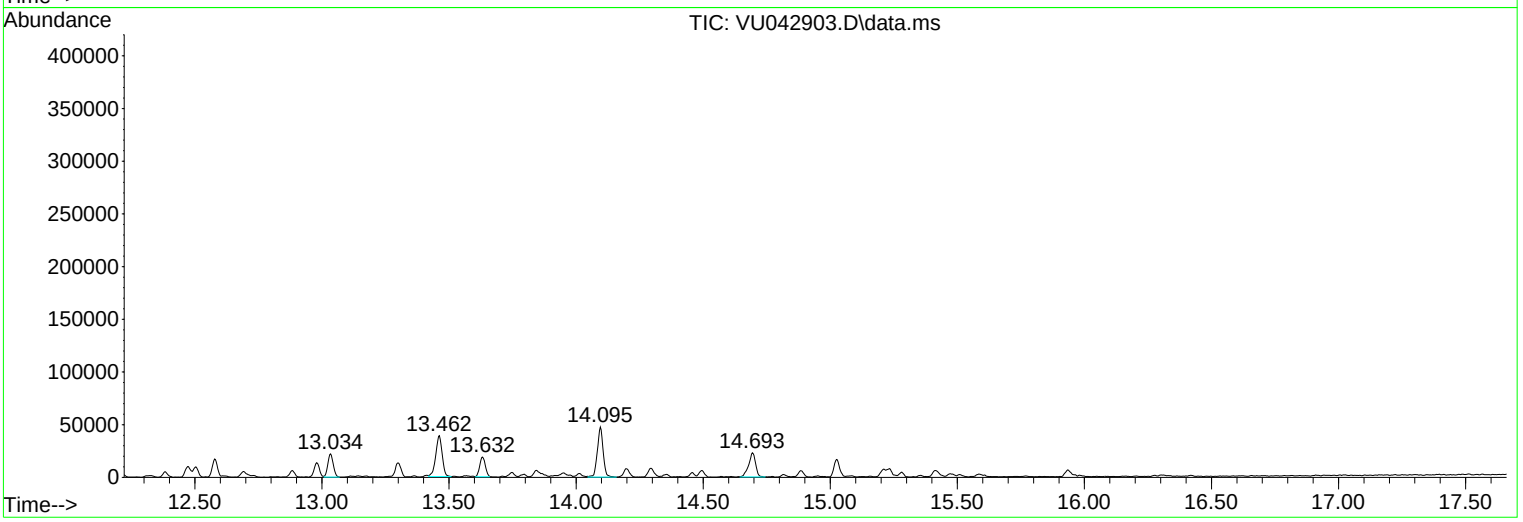
Instrument :
MSVOA_U
ClientSampleId :
41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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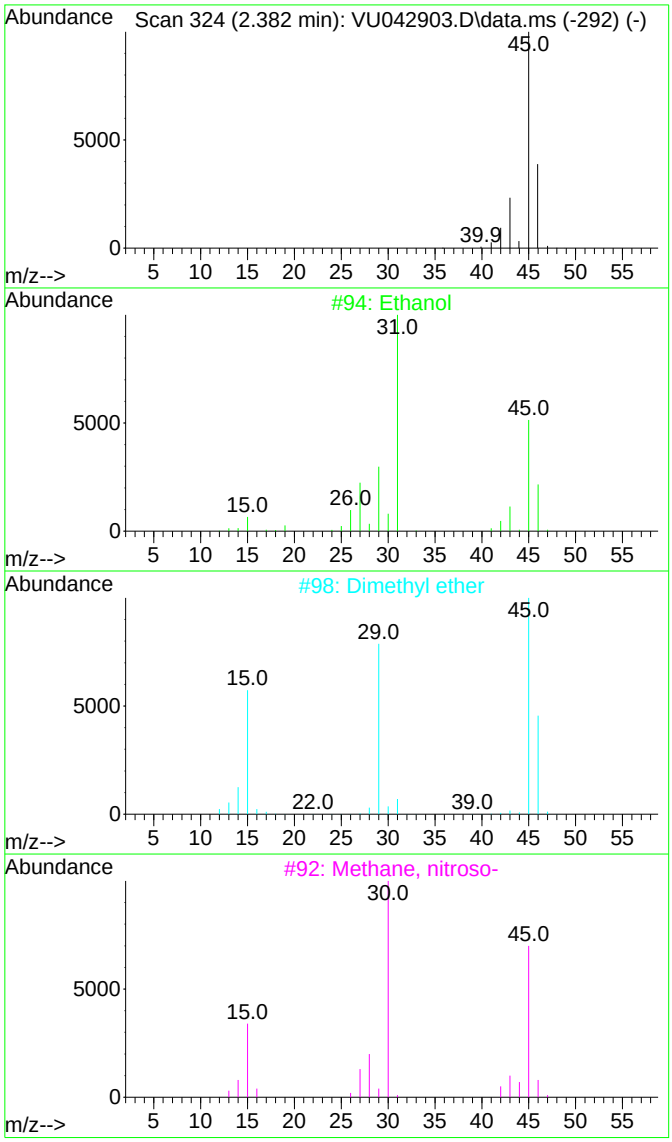
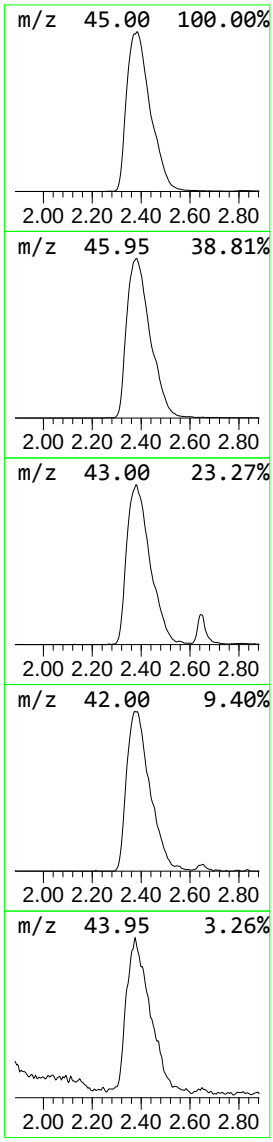
Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.382	414.53 ug/l	2784740	Pentafluorobenzene	5.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	L-Lactic acid	90	C3H6O3	000079-33-4	2





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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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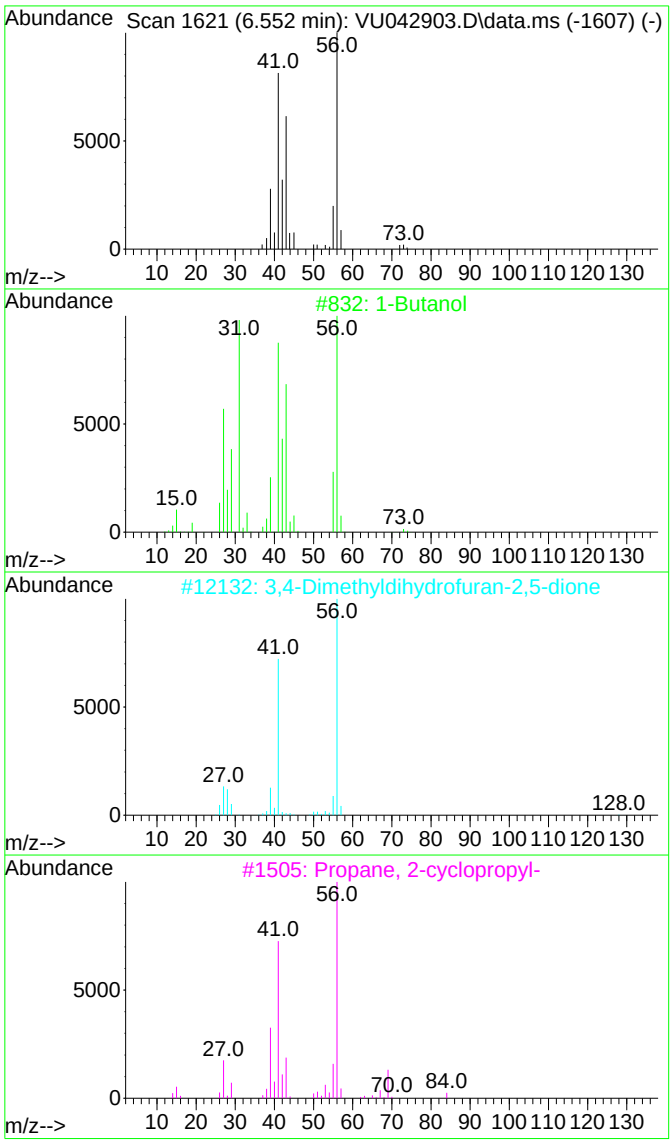
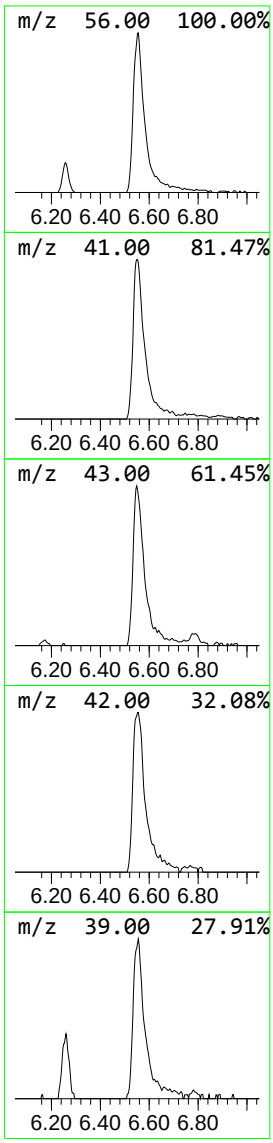
Peak Number 2 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.552	20.77 ug/l	186769	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	38
4	Oxetane, 2,3,4-trimethyl-, (2.al...	100	C6H12O	032347-12-9	9
5	Propane, 1-isocyano-	69	C4H7N	000627-36-1	9





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Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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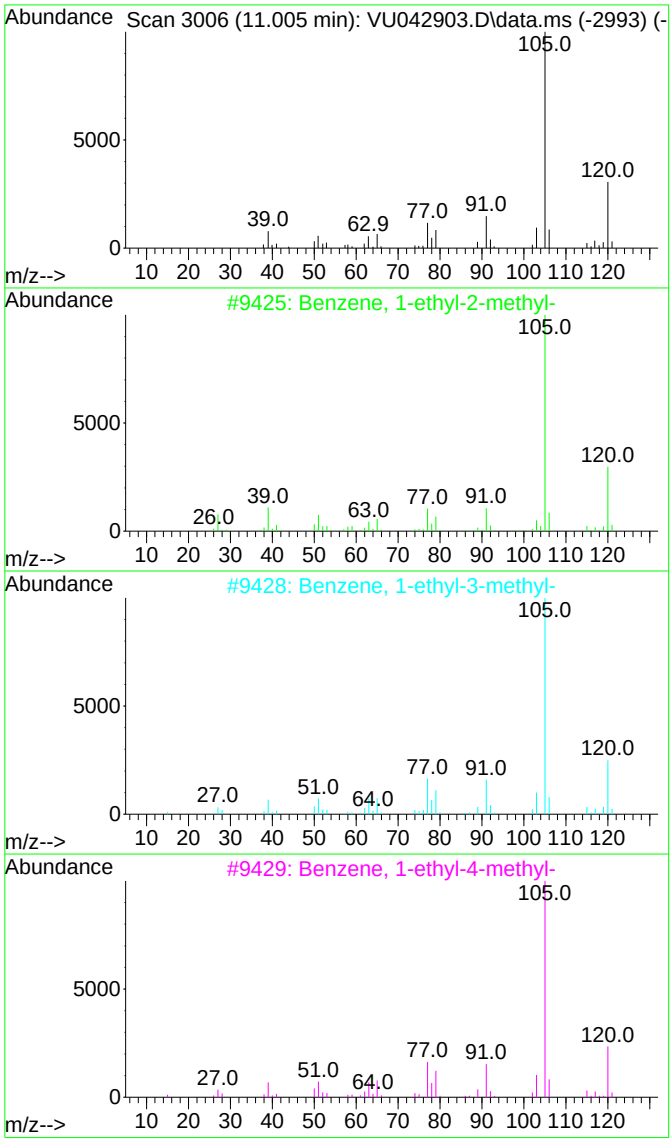
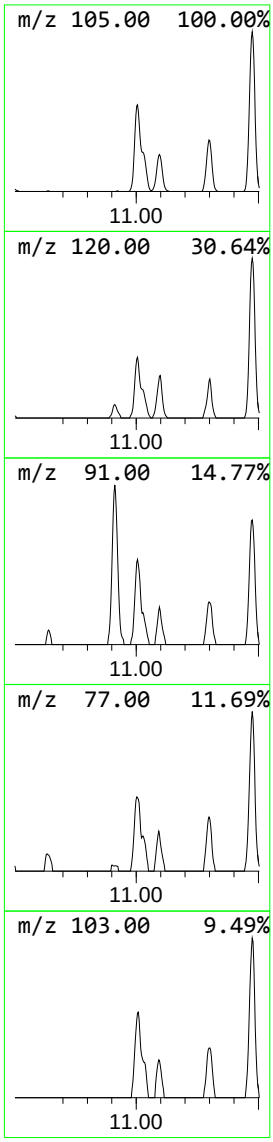
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	5.70 ug/l	67595	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
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TIC Library : C:\DATABASE\NIST11.L
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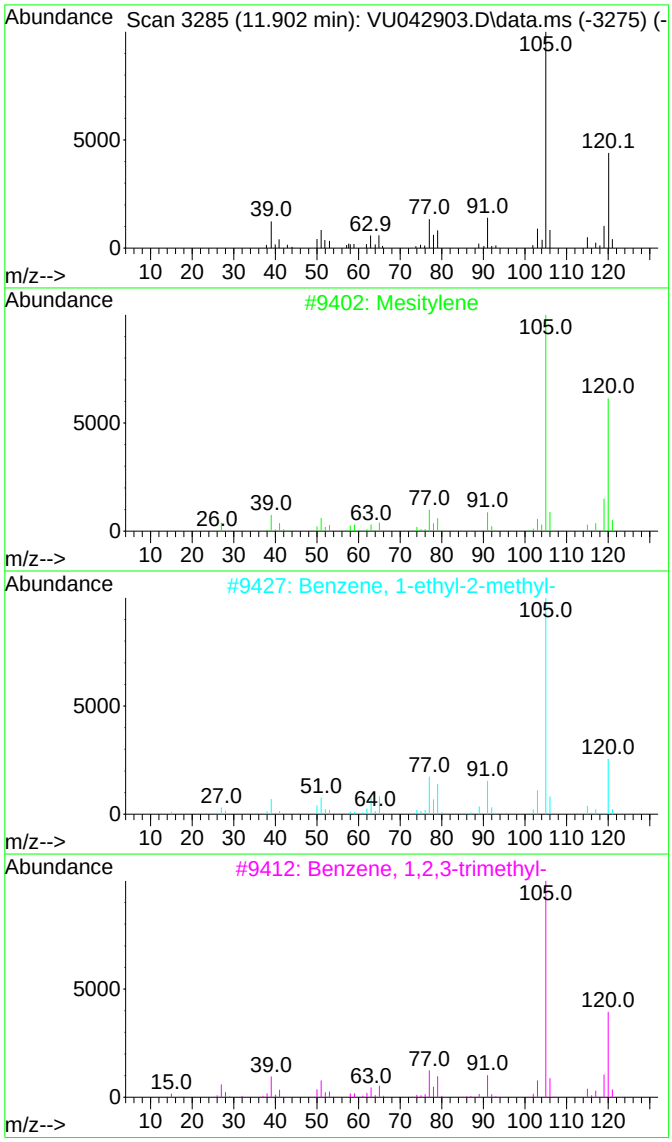
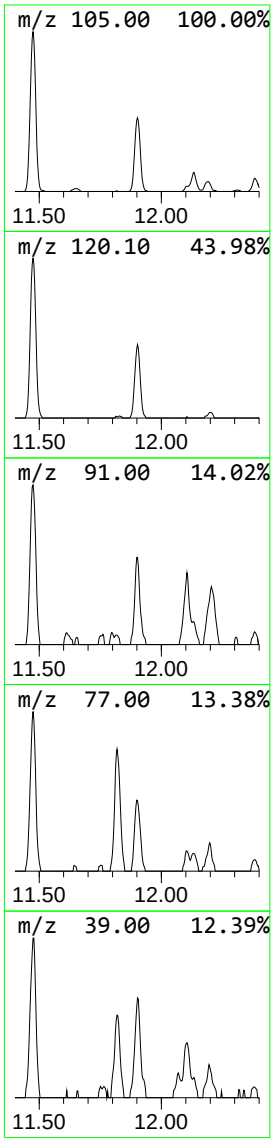
Peak Number 4 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	5.79 ug/l	68640	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Instrument : MSVOA_U
ClientSampleId : 41726

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
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TIC Library : C:\DATABASE\NIST11.L
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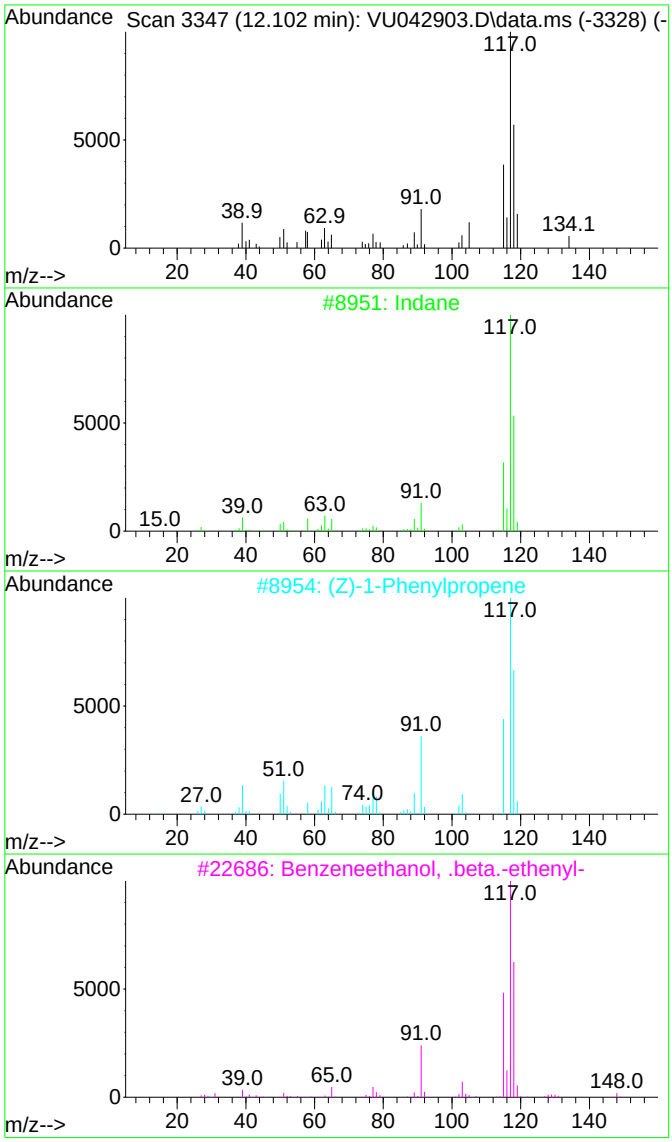
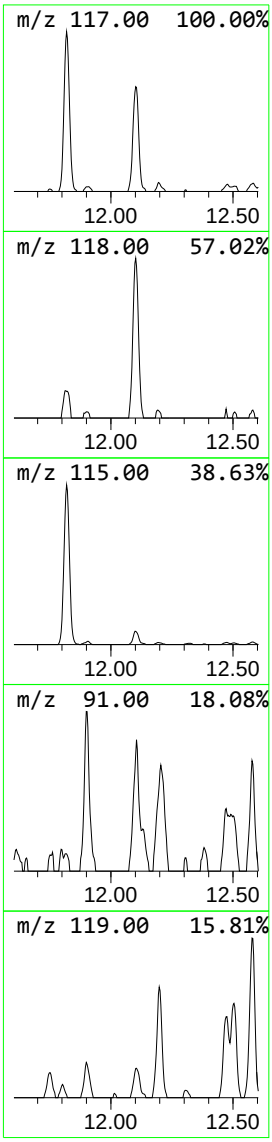
Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	5.03 ug/l	59596	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70





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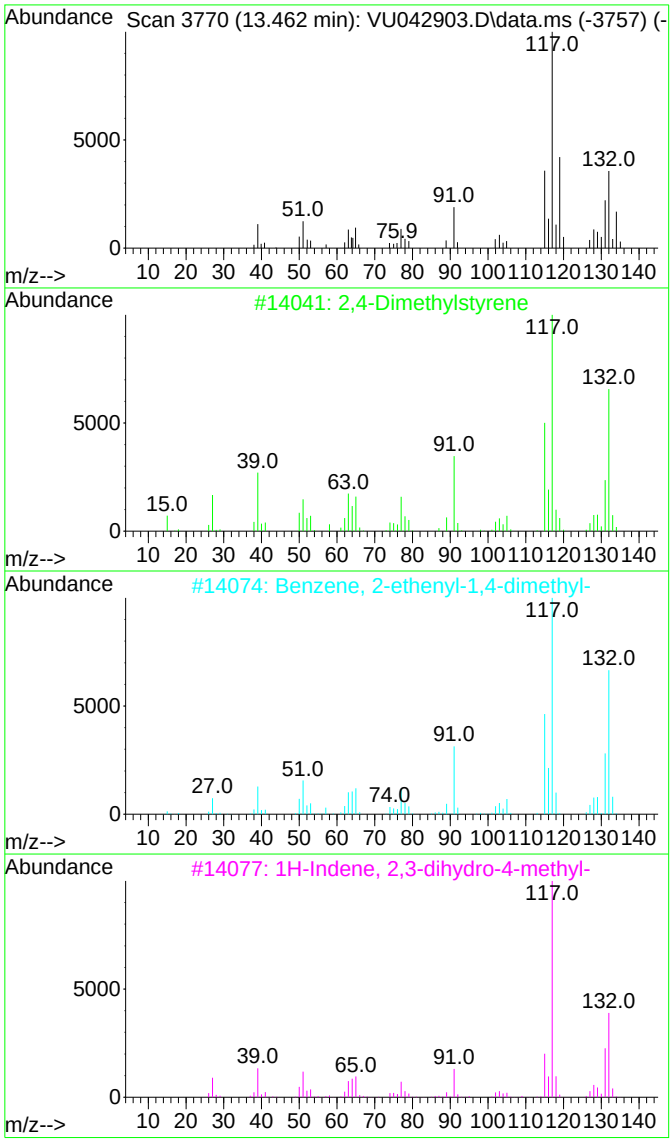
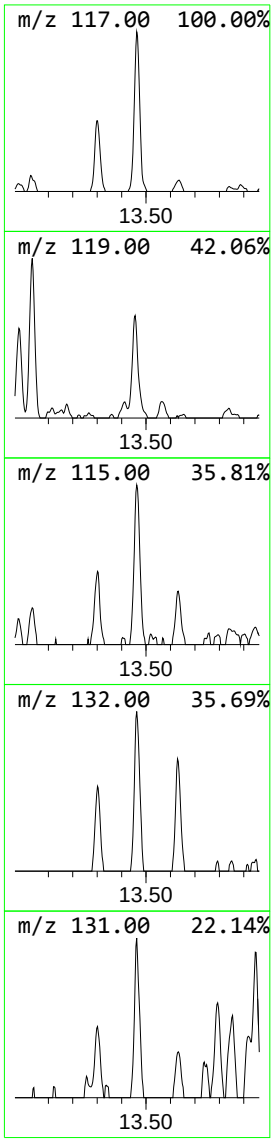
****
Peak Number 6 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.462	5.75 ug/l	68133	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	2.382	414.5	ug/l	2784740	1	5.382	335894	50.0
1-Butanol	6.552	20.8	ug/l	186769	2	6.256	449669	50.0
Benzene, 1-ethy...	11.005	5.7	ug/l	67595	4	11.819	592485	50.0
Mesitylene	11.902	5.8	ug/l	68640	4	11.819	592485	50.0
Indane	12.102	5.0	ug/l	59596	4	11.819	592485	50.0
2,4-Dimethylsty...	13.462	5.8	ug/l	68133	4	11.819	592485	50.0