LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057259.D
Acq On : 13 Aug 2019 20:37
Operator : JC/SP
Sample : K4333-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK

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_N\METHODS\82N081319W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.986	56	66	83	rBV	1178275	1615578	5.71%	2.286%
2	3.805	616	632	647	rBV2	196544	520853	1.84%	0.737%
3	3.892	648	659	686	rVB	106134	289303	1.02%	0.409%
4	7.583	1788	1807	1818	rBV	791234	1974167	6.98%	2.793%
5	7.661	1819	1831	1863	rVB	1624478	3895906	13.77%	5.512%
6	8.021	1924	1943	1965	rBV	786439	1865228	6.59%	2.639%
7	8.580	2100	2117	2137	rBV	2128912	4398346	15.55%	6.223%
8	8.776	2164	2178	2208	rBV	928079	2166285	7.66%	3.065%
9	10.088	2569	2586	2597	rBV	3315132	6027164	21.31%	8.528%
10	10.152	2597	2606	2632	rVB	1341880	2462286	8.70%	3.484%
11	11.403	2982	2995	3009	rBV	2667783	4700231	16.61%	6.650%
12	11.615	3046	3061	3072	rBV	271985	529463	1.87%	0.749%
13	11.947	3148	3164	3175	rBV	412021	703931	2.49%	0.996%
14	12.027	3175	3189	3210	rBV	17960188	28289753	100.00%	40.027%
15	12.403	3292	3306	3322	rBV	2040019	3419418	12.09%	4.838%
16	12.657	3374	3385	3392	rBV	608150	1040193	3.68%	1.472%
17	12.734	3401	3409	3425	rVB	376239	602720	2.13%	0.853%
18	12.892	3445	3458	3471	rVB	326950	533930	1.89%	0.755%
19	13.040	3489	3504	3518	rBV	1316401	2091094	7.39%	2.959%
20	13.345	3587	3599	3622	rVB2	1864987	3551246	12.55%	5.025%

Sum of corrected areas: 70677095

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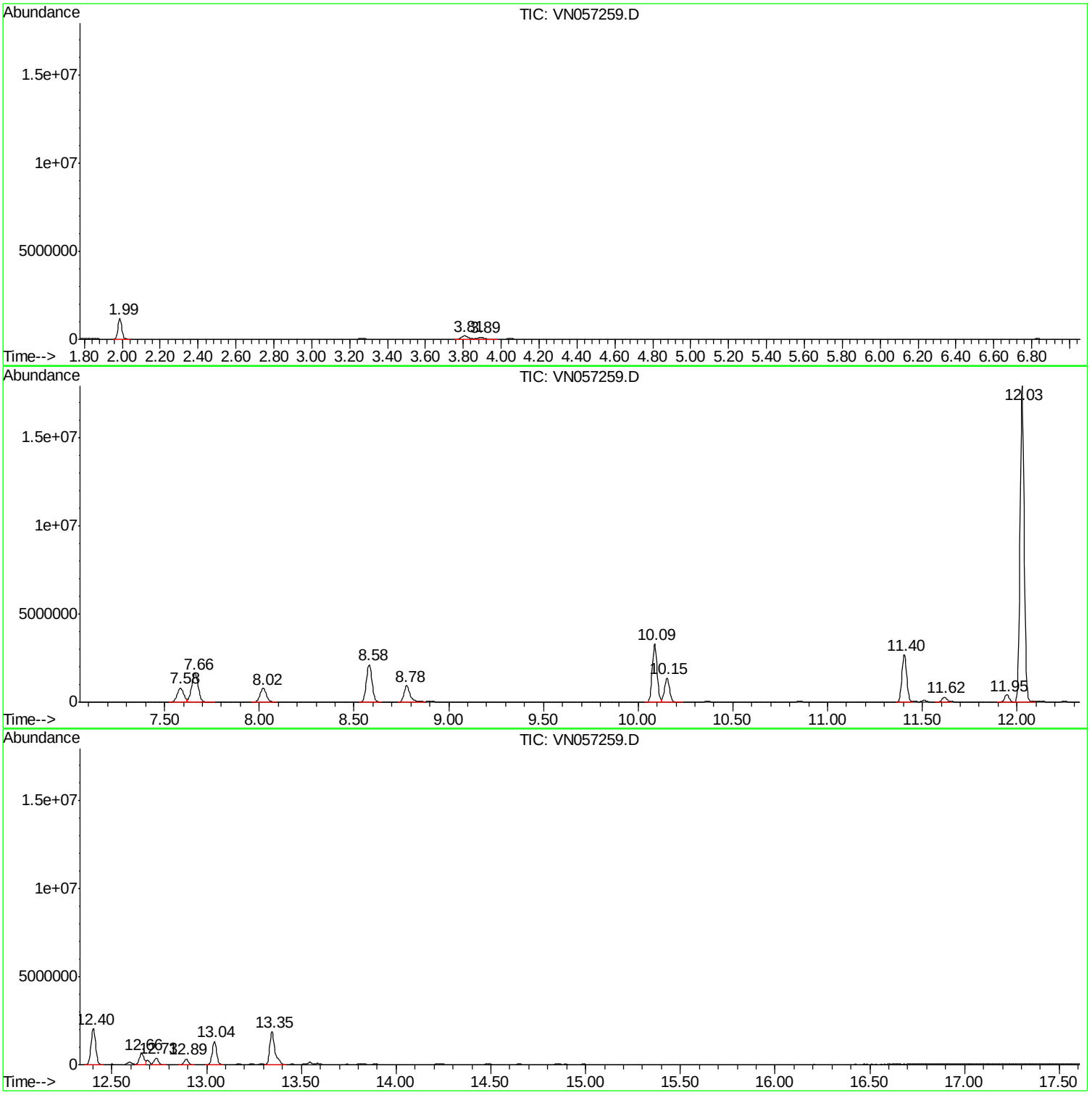
Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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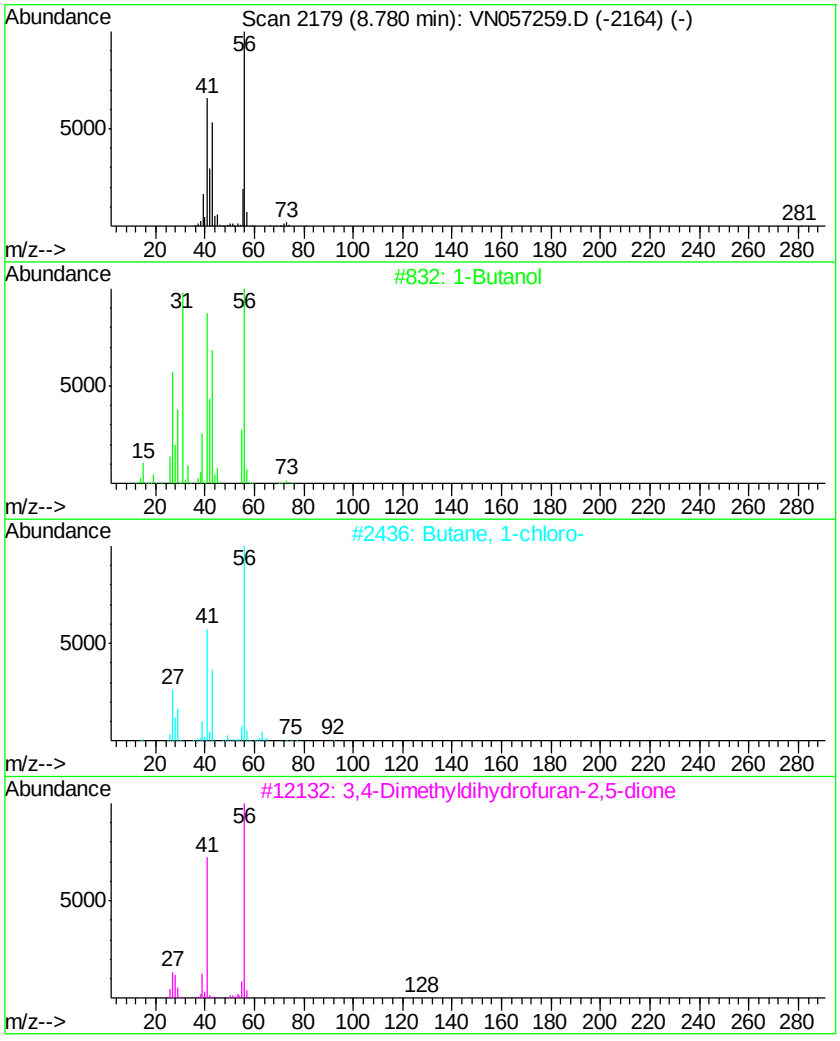
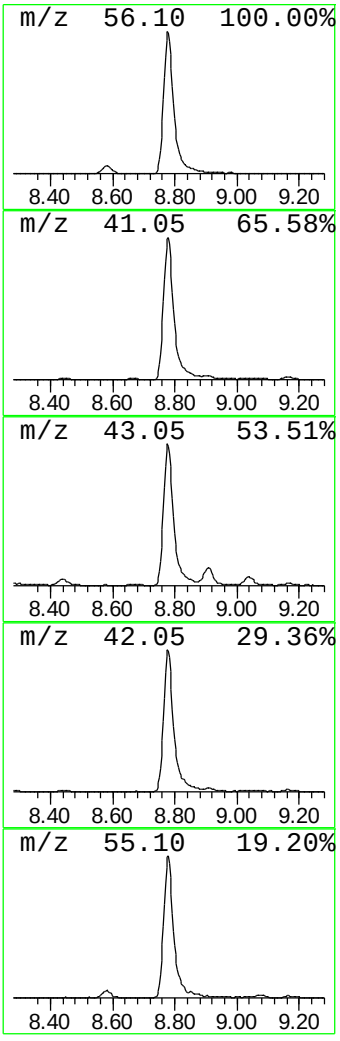
Peak Number 2 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	24.63 ug/l	2166290	1,4-Difluorobenzene	8.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	45
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	33
4	Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	9
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9





Library Search Compound Report

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Instrument : MSVOA_N
ClientSampleId : FRAC-TANK

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Quant Title : SW846 8260

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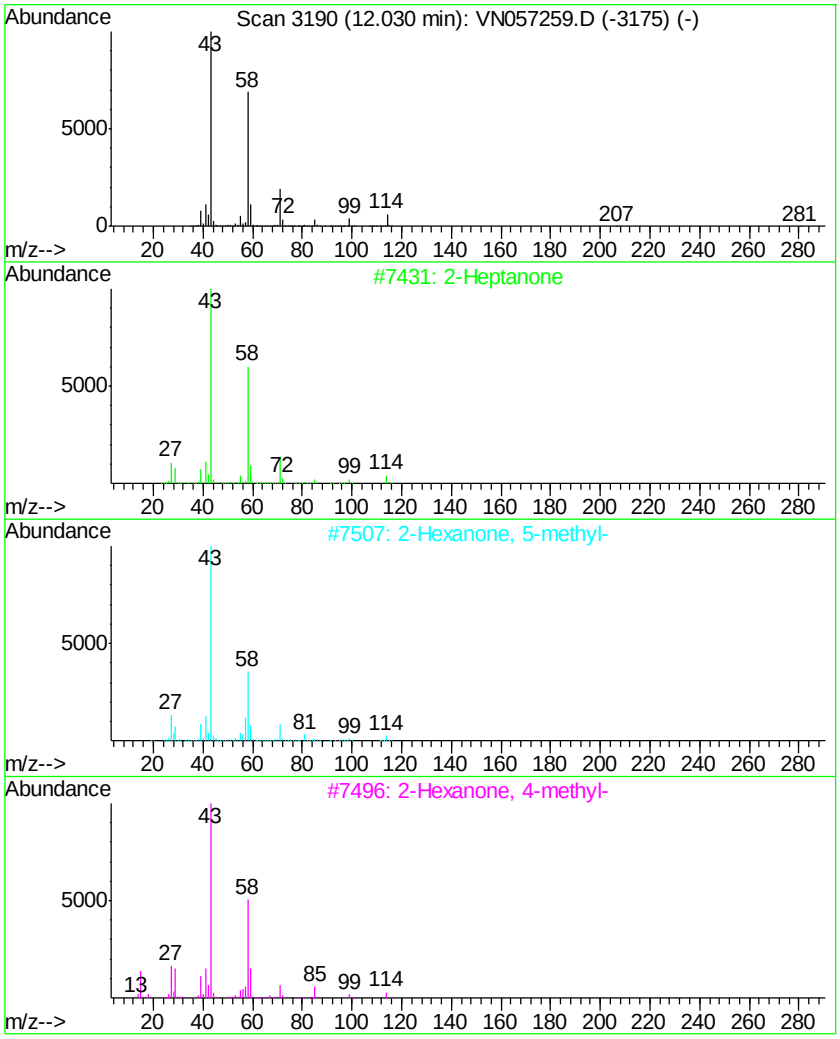
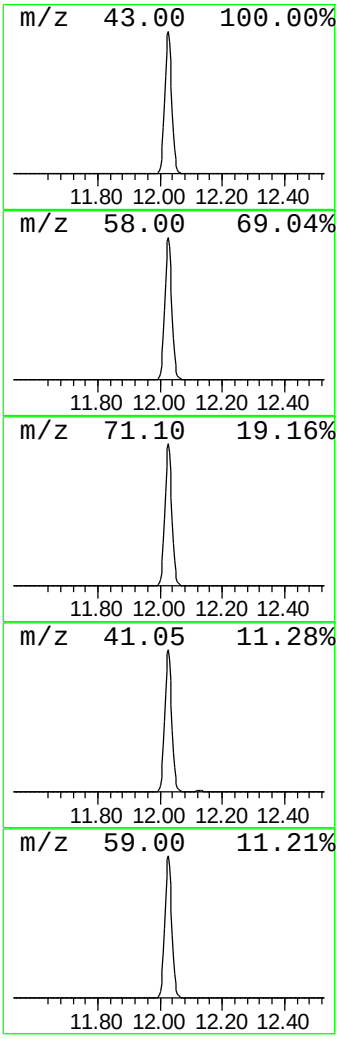
Peak Number 3 2-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	300.94 ug/l	28289800	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	56
4	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	52
5	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	36





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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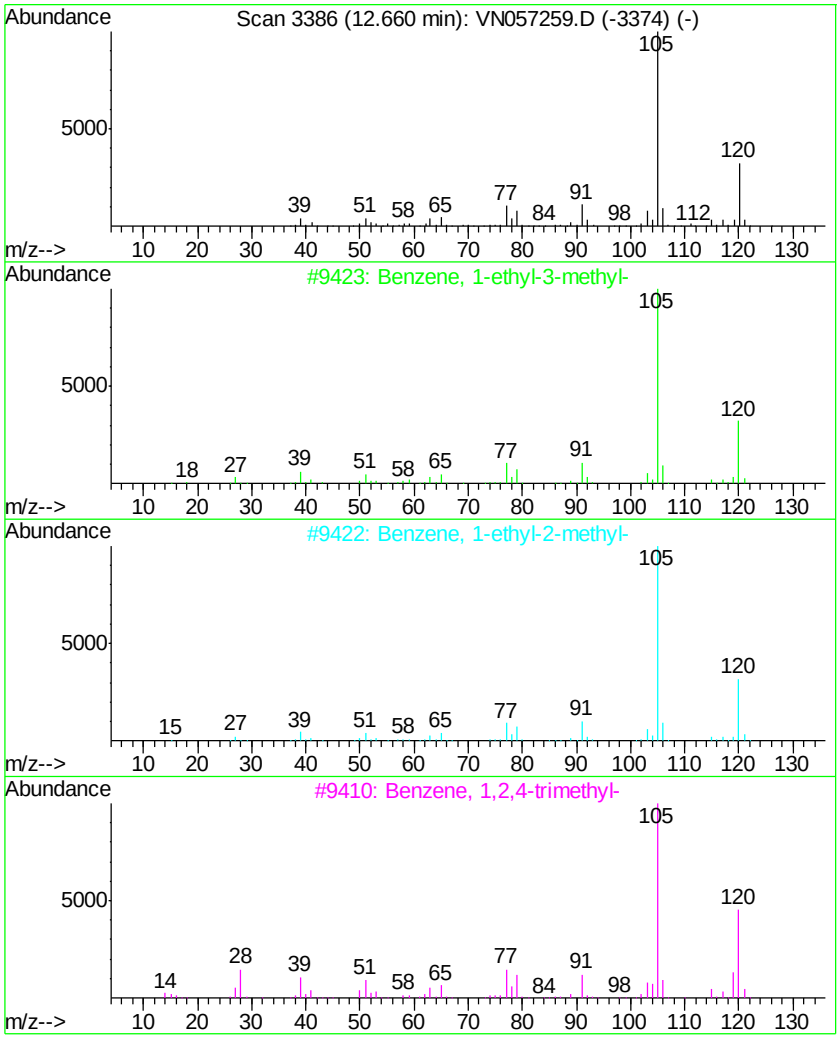
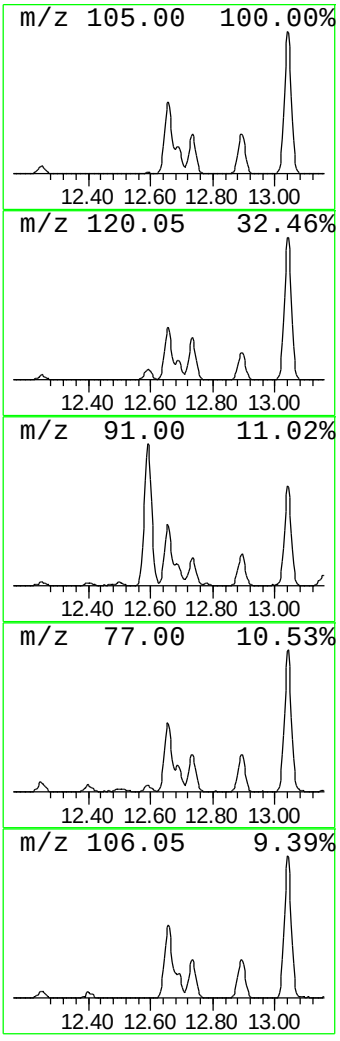
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	14.65 ug/l	1040190	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260

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

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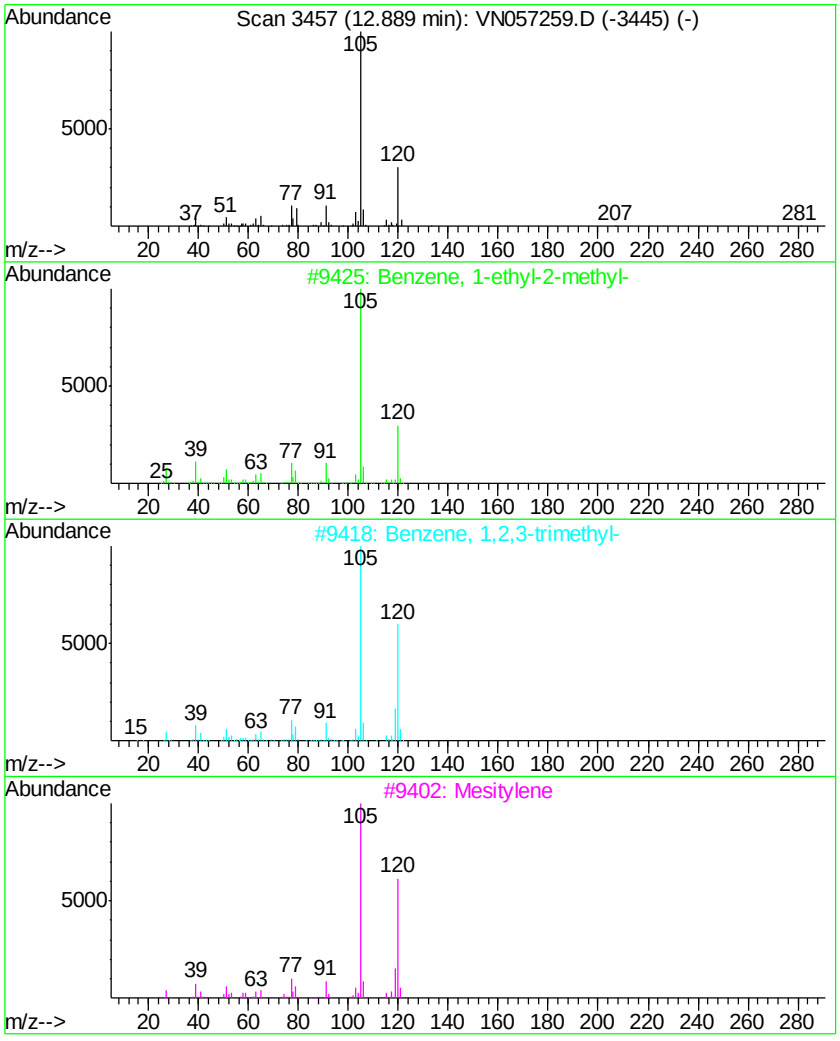
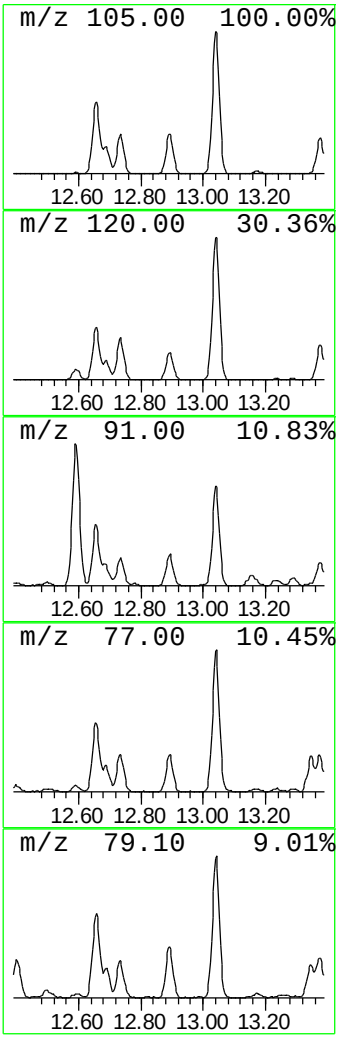
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	7.52 ug/l	533930	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol	8.78	24.6	ug/l	2166290	2	8.58	4398350	50.0
2-Heptanone	12.03	300.9	ug/l	28289800	3	11.41	4700230	50.0
Benzene, 1-ethyl-...	12.66	14.7	ug/l	1040190	4	13.35	3551250	50.0
Benzene, 1-ethyl-...	12.89	7.5	ug/l	533930	4	13.35	3551250	50.0