LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.617	76	86	102	rVB2	358056	419511	4.68%	0.735%
2	1.932	175	184	199	rVB	159578	207524	2.32%	0.363%
3	2.594	375	390	418	rVB2	264165	478055	5.34%	0.837%
4	3.076	524	540	542	rBV3	376897	621601	6.94%	1.088%
5	3.115	543	552	570	rVB	1298433	2666418	29.77%	4.669%
6	3.395	618	639	674	rBV	3507712	7864682	87.80%	13.770%
7	3.736	727	745	773	rBV	2266224	5109164	57.04%	8.946%
8	3.912	780	800	822	rVB2	111417	345553	3.86%	0.605%
9	4.018	822	833	851	rVB3	80764	199786	2.23%	0.350%
10	4.131	852	868	883	rBV2	70702	174746	1.95%	0.306%
11	4.340	914	933	938	rBV	112555	291789	3.26%	0.511%
12	4.475	961	975	987	rBV2	99016	231241	2.58%	0.405%
13	4.571	987	1005	1022	rBV	3765593	8957454	100.00%	15.683%
14	4.662	1022	1033	1039	rBV	343398	716353	8.00%	1.254%
15	5.102	1155	1170	1186	rBV2	239552	526936	5.88%	0.923%
16	5.353	1229	1248	1259	rBV	440222	988881	11.04%	1.731%
17	5.424	1259	1270	1286	rVB	394795	884468	9.87%	1.549%
18	5.761	1352	1375	1403	rBV2	504362	1331616	14.87%	2.331%
19	6.279	1519	1536	1560	rBV	433218	829985	9.27%	1.453%
20	6.719	1659	1673	1690	rBV	319517	631845	7.05%	1.106%
21	7.591	1930	1944	1961	rBV	167124	292693	3.27%	0.512%
22	7.922	2031	2047	2058	rBV	588072	1053235	11.76%	1.844%
23	7.993	2058	2069	2108	rVB	1304655	2341809	26.14%	4.100%
24	8.202	2121	2134	2146	rBV	102275	171627	1.92%	0.300%
25	8.655	2261	2275	2317	rBV	1040970	1945800	21.72%	3.407%
26	9.436	2501	2518	2523	rBV	631742	1088148	12.15%	1.905%
27	9.587	2553	2565	2585	rBV	321337	546197	6.10%	0.956%
28	9.710	2589	2603	2633	rVB	537296	937786	10.47%	1.642%
29	10.115	2716	2729	2751	rBV	299296	499286	5.57%	0.874%
30	10.497	2834	2848	2861	rBV	112246	182677	2.04%	0.320%
31	10.771	2918	2933	2952	rBV	269265	432298	4.83%	0.757%
32	10.918	2964	2979	2995	rBV	344173	549410	6.13%	0.962%
33	11.012	2995	3008	3012	rBV	750461	1201895	13.42%	2.104%
34	11.102	3026	3036	3050	rVB	448624	699314	7.81%	1.224%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR050720WMA.M
Title : TRACE VOA SOM01.0

35	11.243	3066	3080	3090	rBV	1665803	2450460	27.36%	4.290%
36	11.304	3090	3099	3116	rVB	689923	1084934	12.11%	1.900%
37	11.478	3140	3153	3170	rBV	1820465	2790989	31.16%	4.887%
38	11.568	3170	3181	3193	rBV	148505	234869	2.62%	0.411%
39	11.758	3229	3240	3249	rBV	139104	216605	2.42%	0.379%
40	11.825	3249	3261	3277	rVV2	689213	1438145	16.06%	2.518%
41	11.906	3277	3286	3300	rVB	498523	762538	8.51%	1.335%
42	12.105	3335	3348	3366	rBV	328252	556451	6.21%	0.974%
43	12.205	3366	3379	3397	rVB2	706026	1270070	14.18%	2.224%
44	12.584	3484	3497	3506	rBV	89118	138990	1.55%	0.243%
45	13.044	3632	3640	3652	rVB	103818	155057	1.73%	0.271%
46	13.475	3763	3774	3788	rVB3	97171	170207	1.90%	0.298%
47	13.864	3885	3895	3910	rBV2	81599	132995	1.48%	0.233%
48	14.115	3960	3973	3988	rBV	180420	292178	3.26%	0.512%

Sum of corrected areas: 57114271

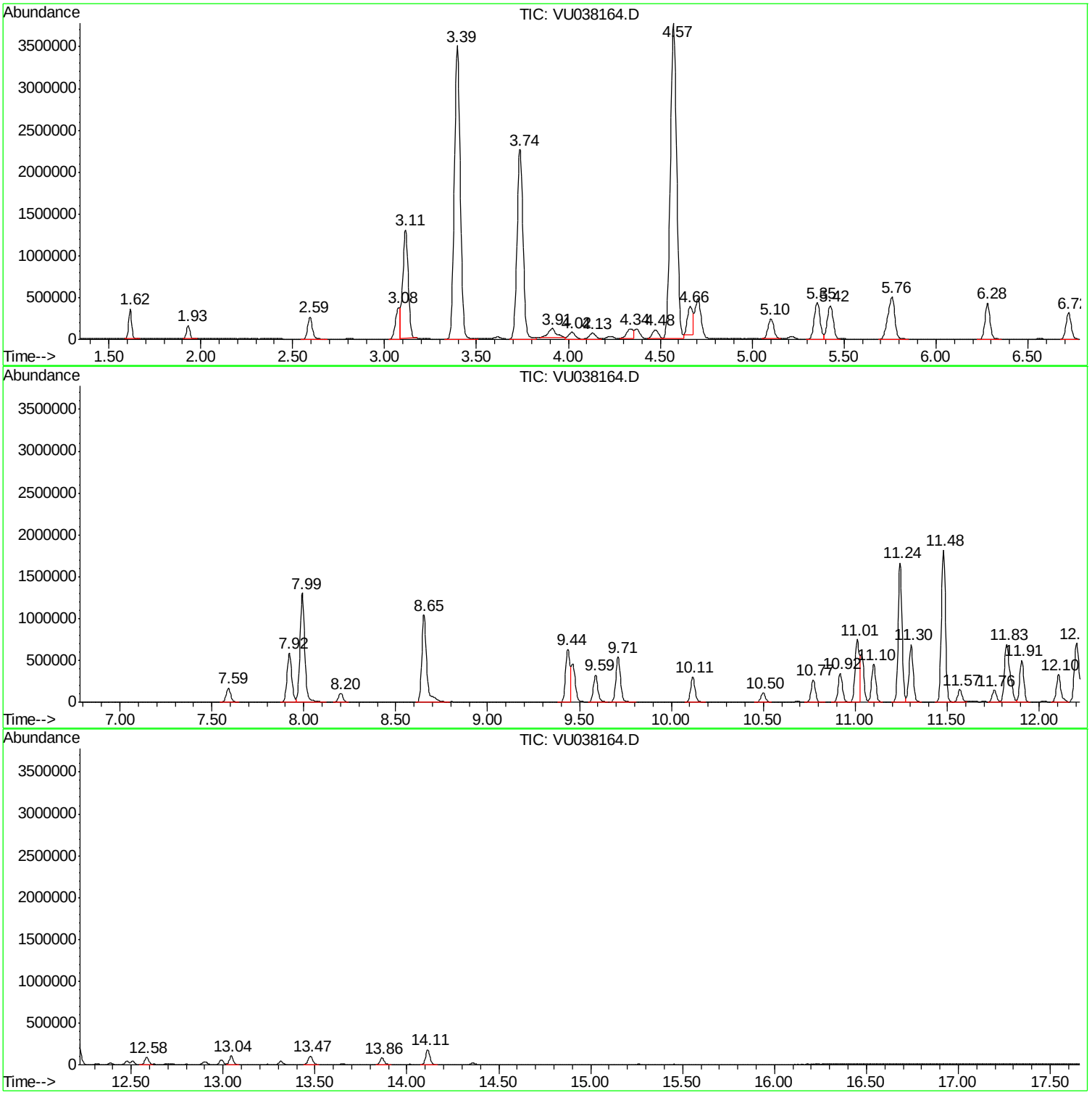
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

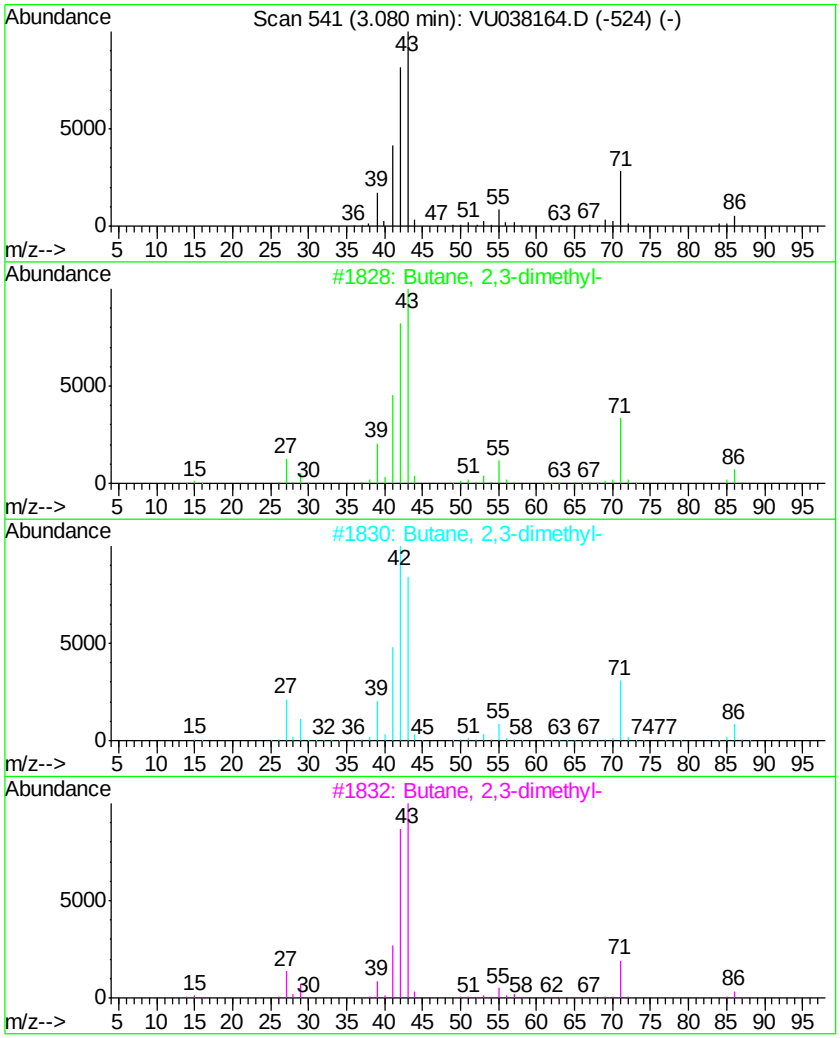
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

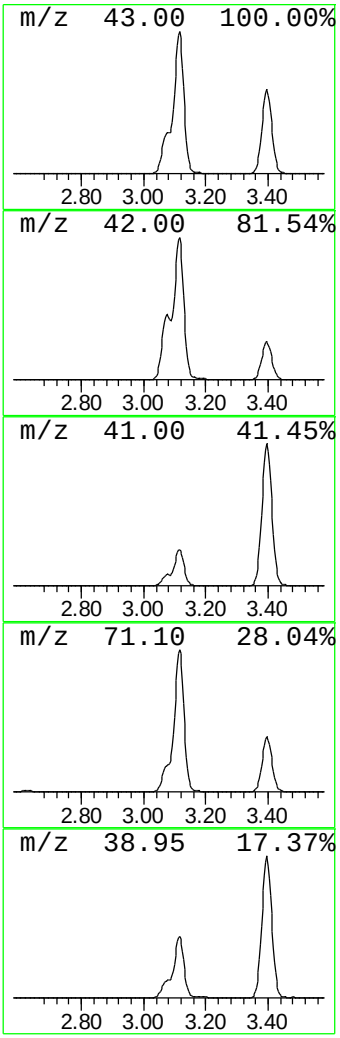
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	3.74 ug/L	621601	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

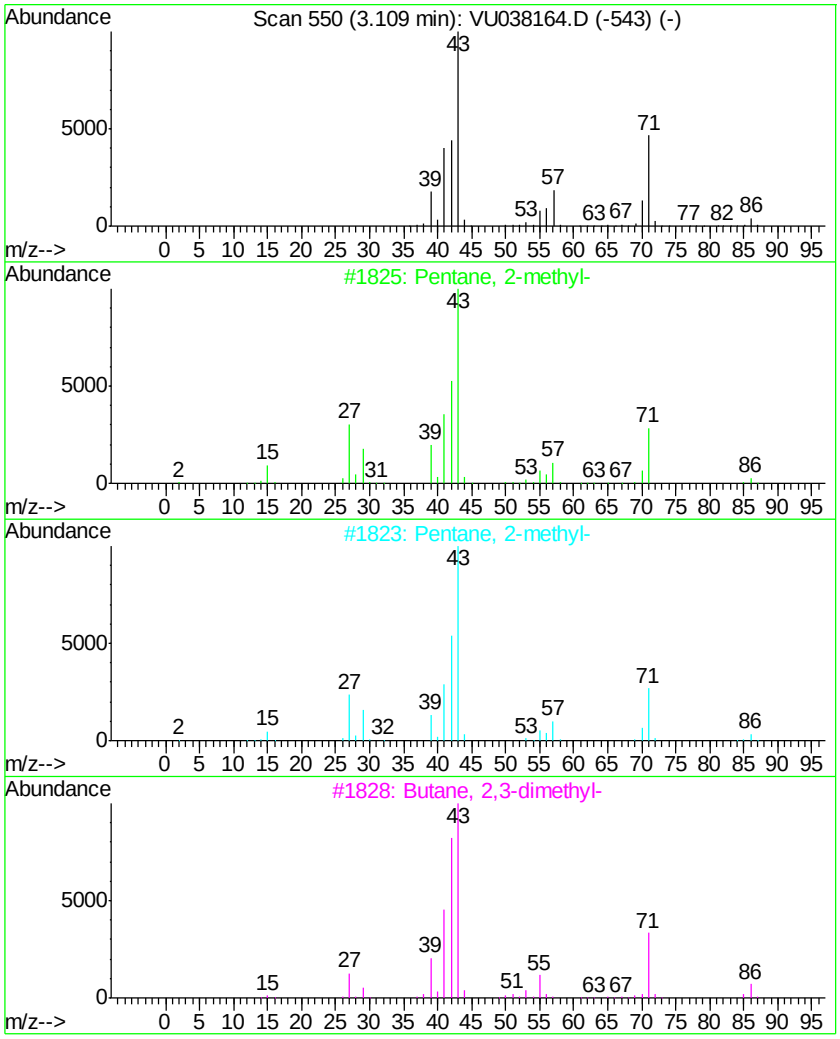
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

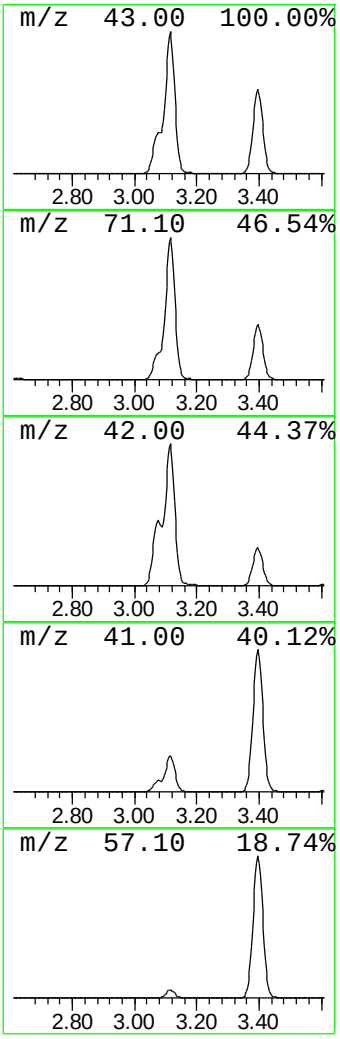
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	16.06 ug/L	2666420	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

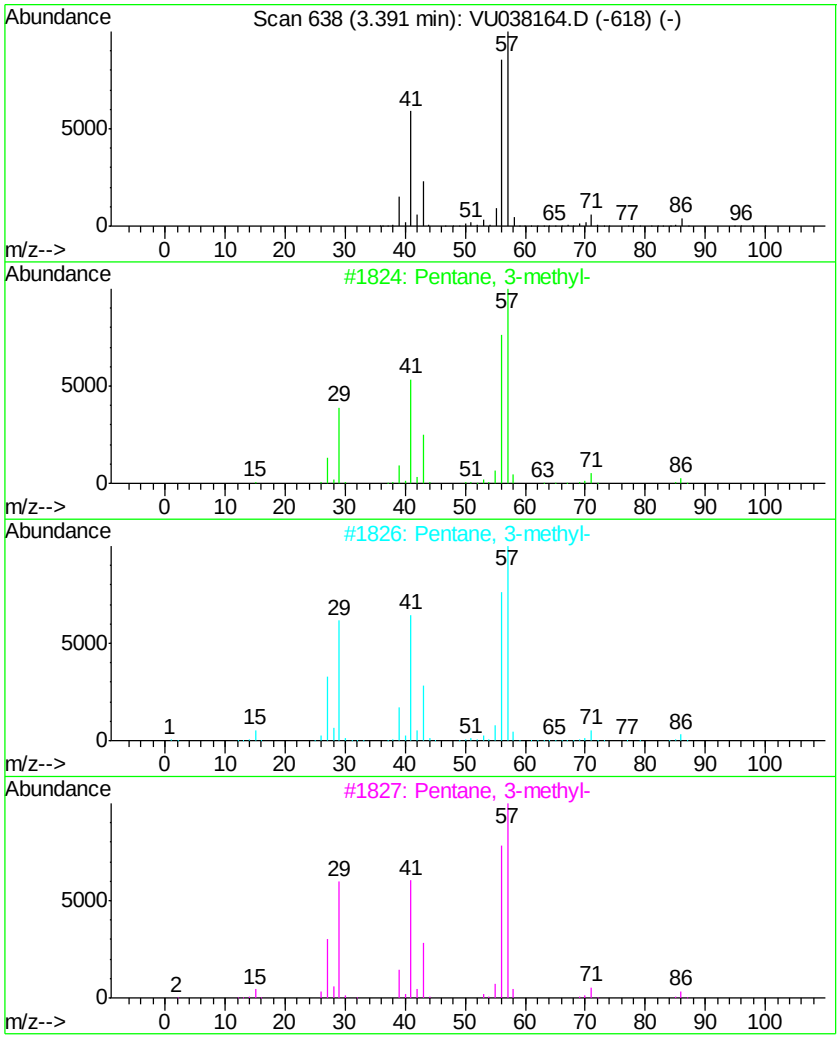
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

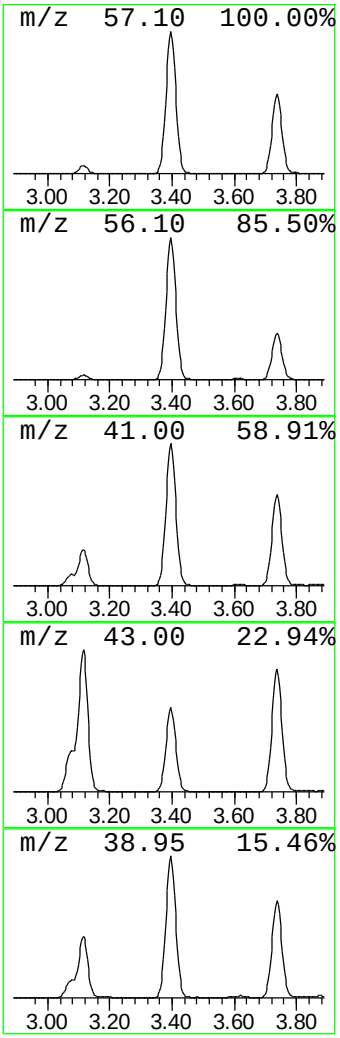
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	47.38 ug/L	7864680	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

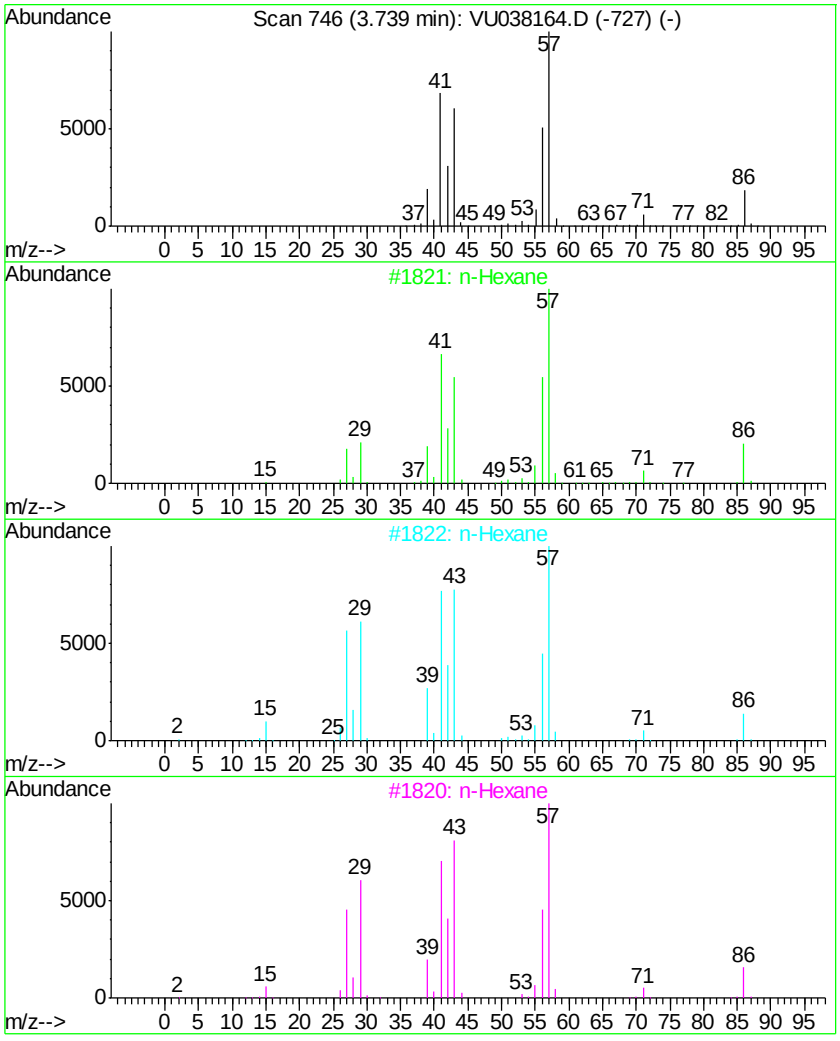
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

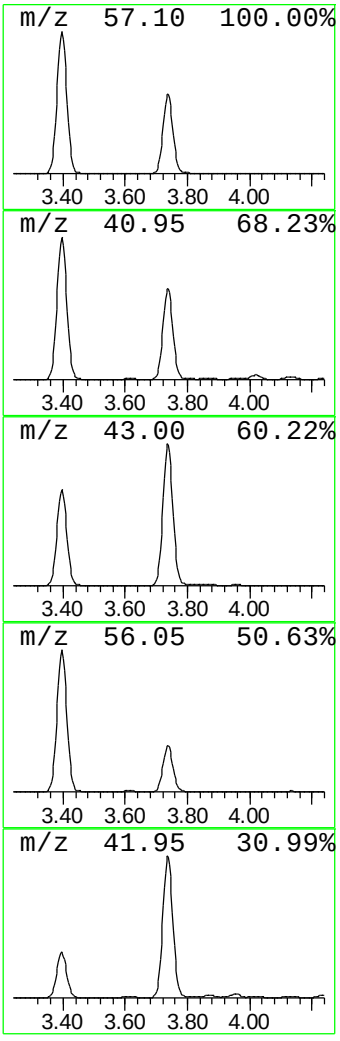
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	30.78 ug/L	5109160	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

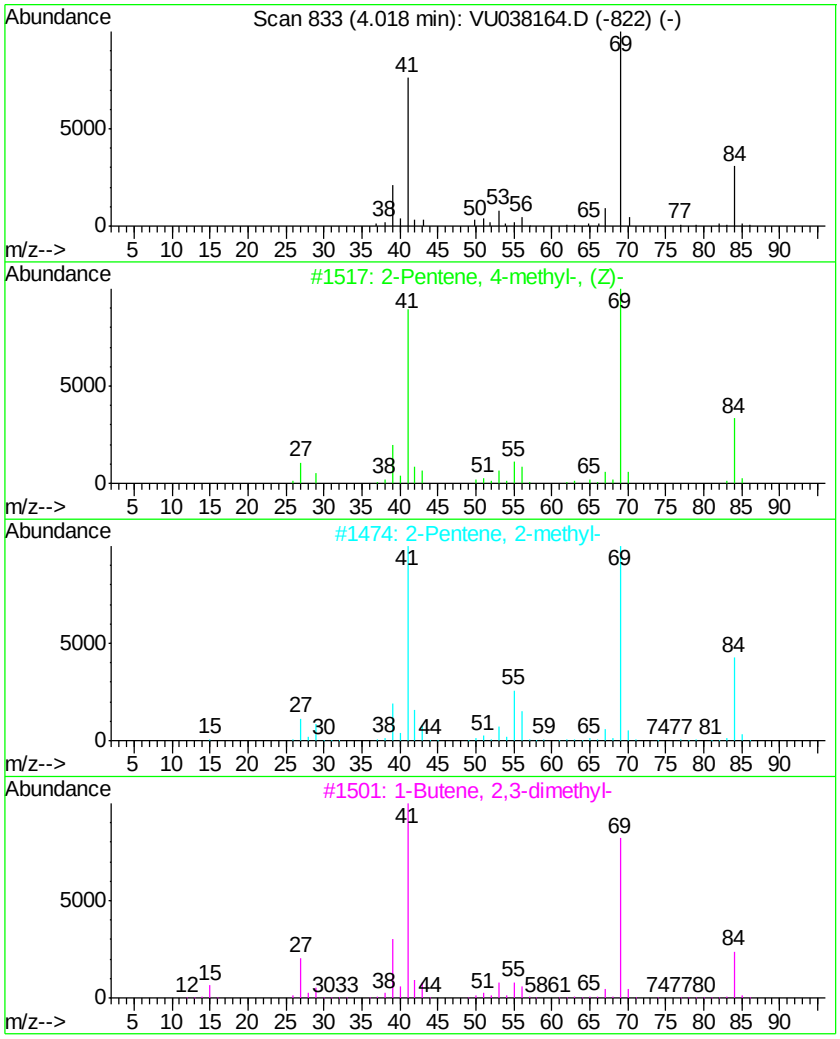
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

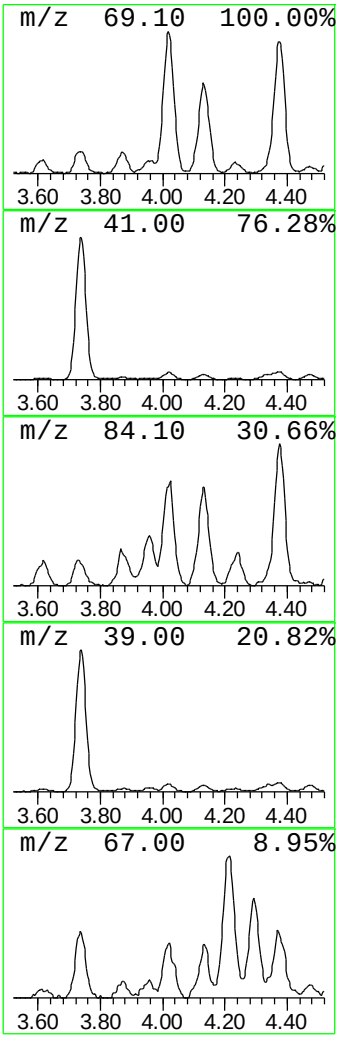
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	1.20 ug/L	199786	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
3	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	83
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	83
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

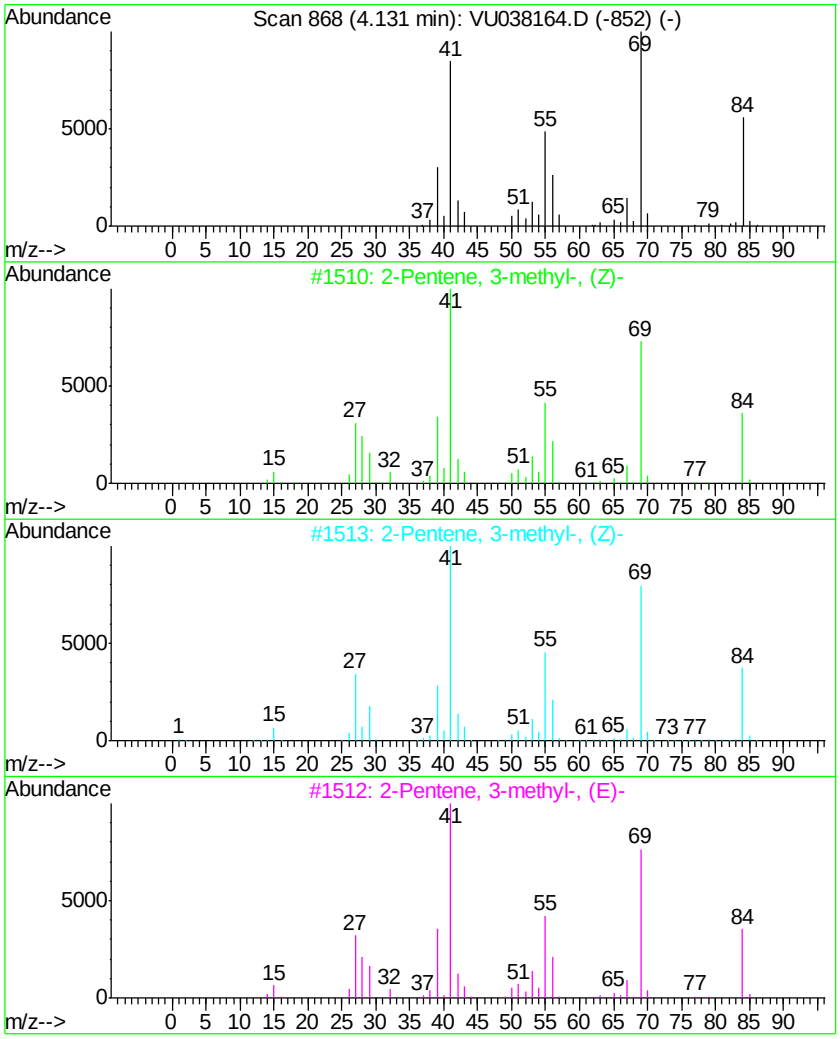
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

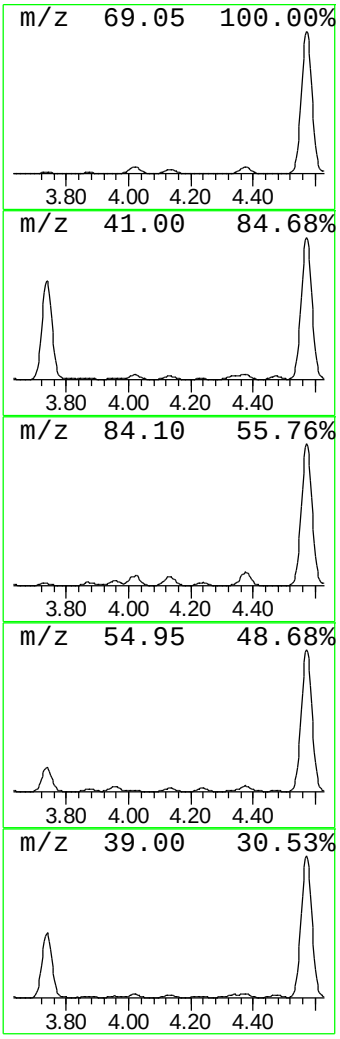
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	1.05 ug/L	174746	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

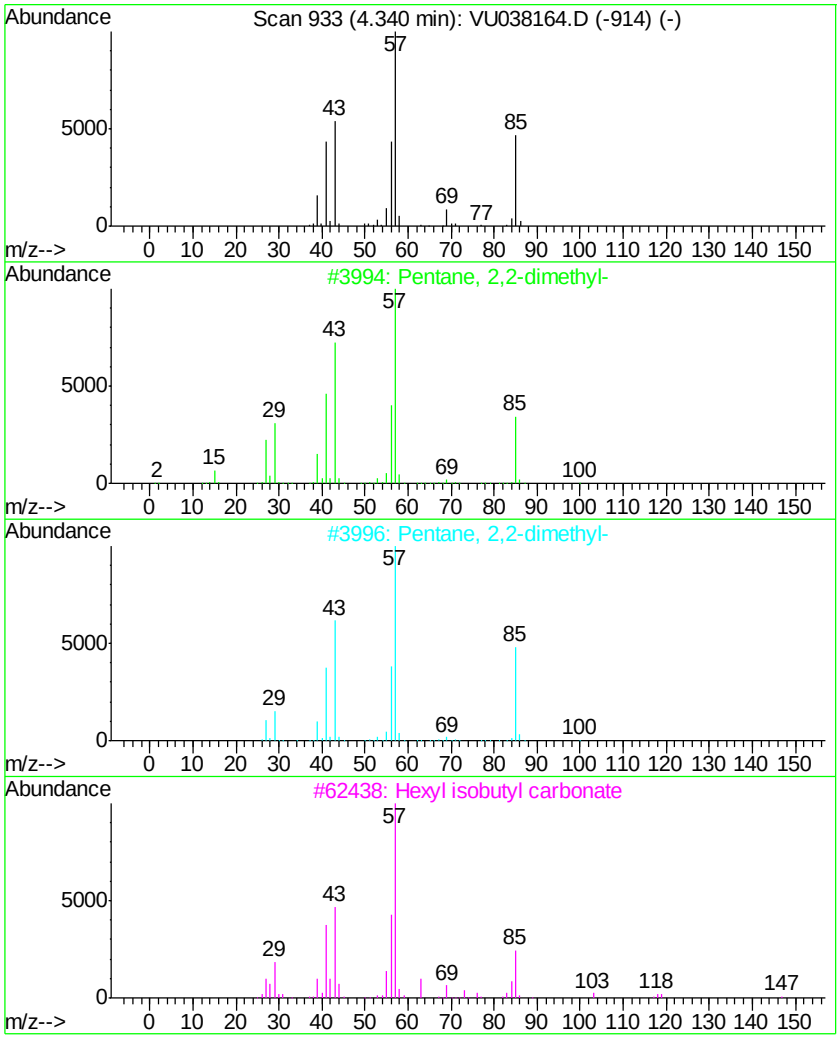
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

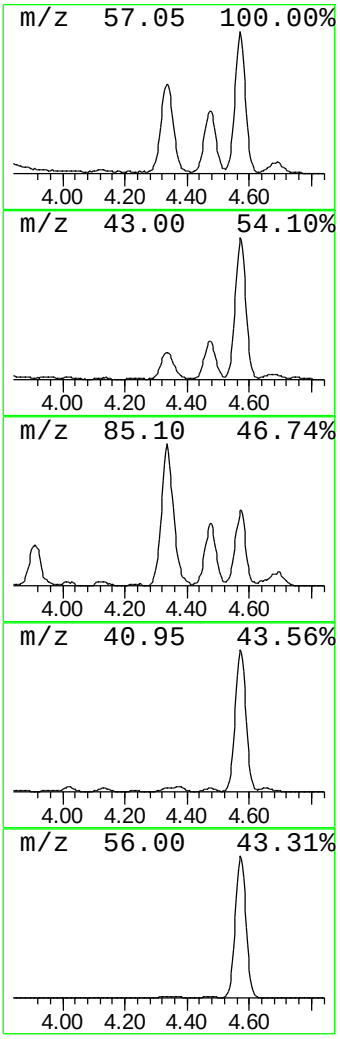
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	1.76 ug/L	291789	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

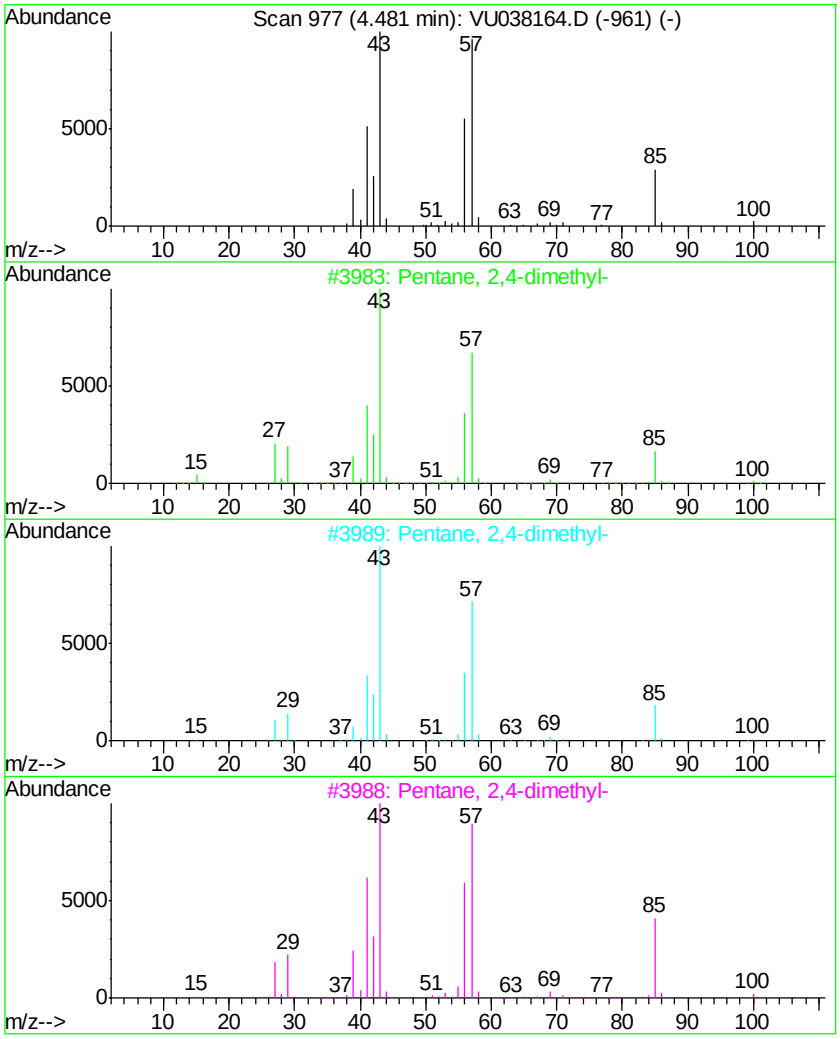
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

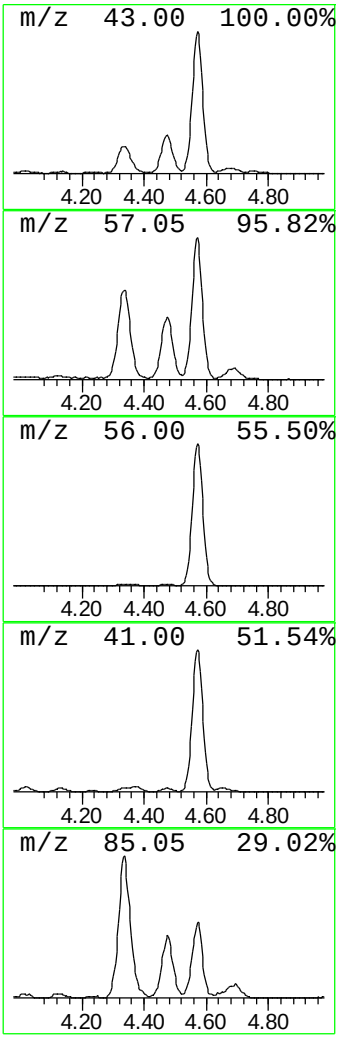
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	1.39 ug/L	231241	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

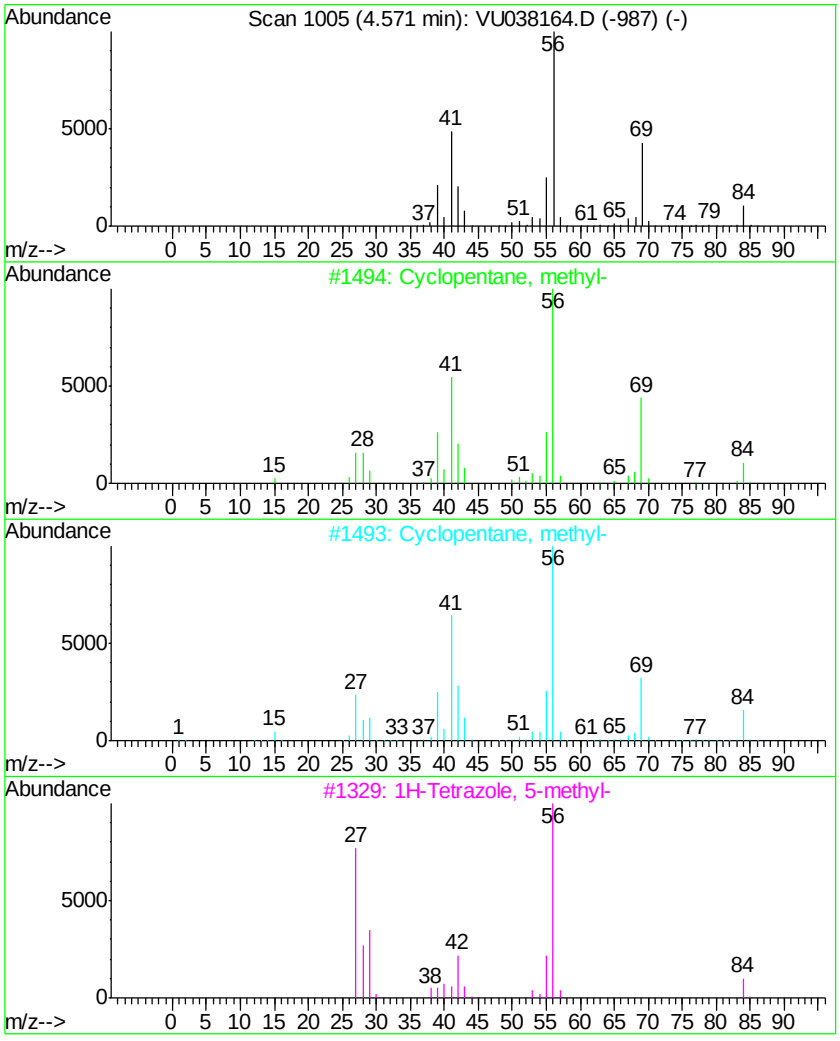
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

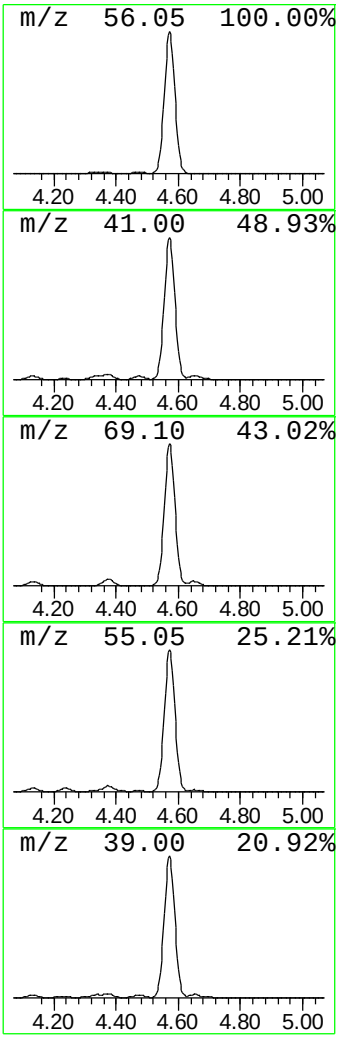
****

Peak Number 9 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	53.96 ug/L	8957450	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

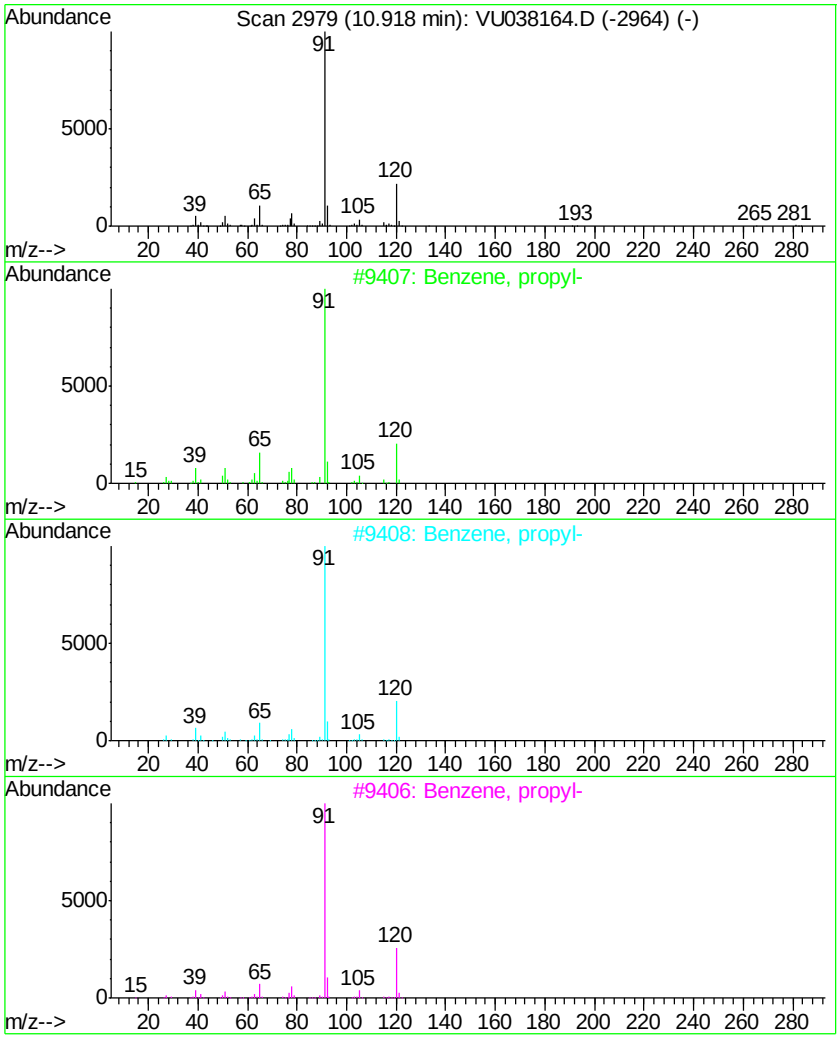
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

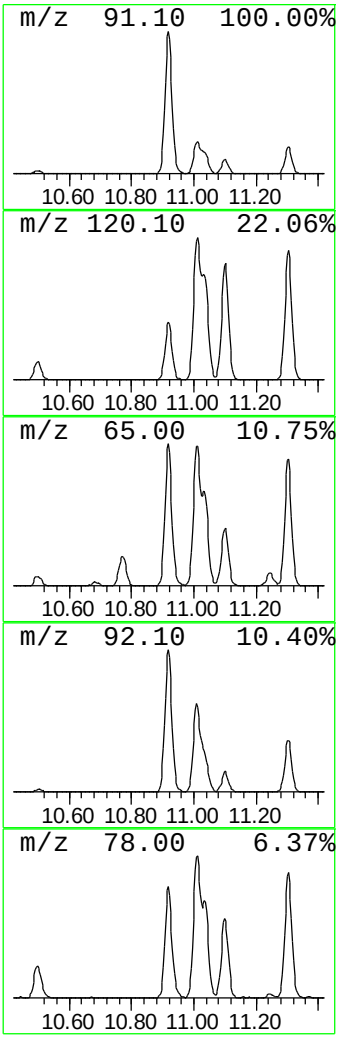
****

Peak Number 11 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	1.91 ug/L	549410	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

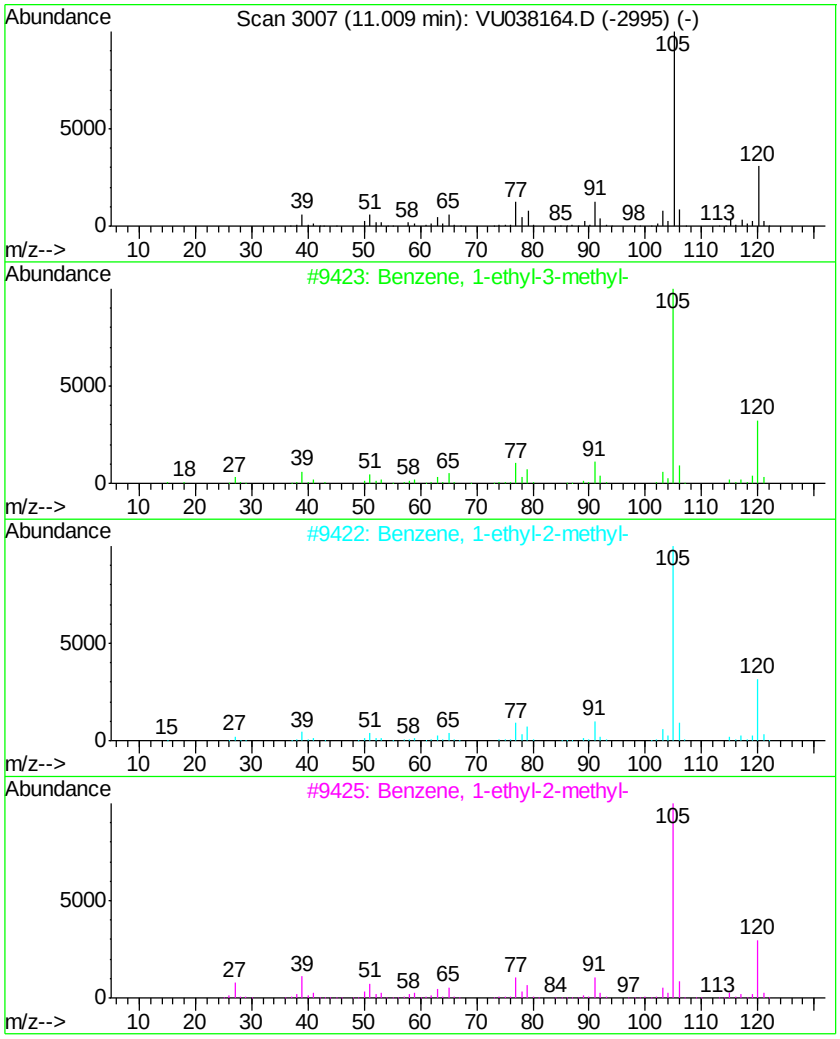
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

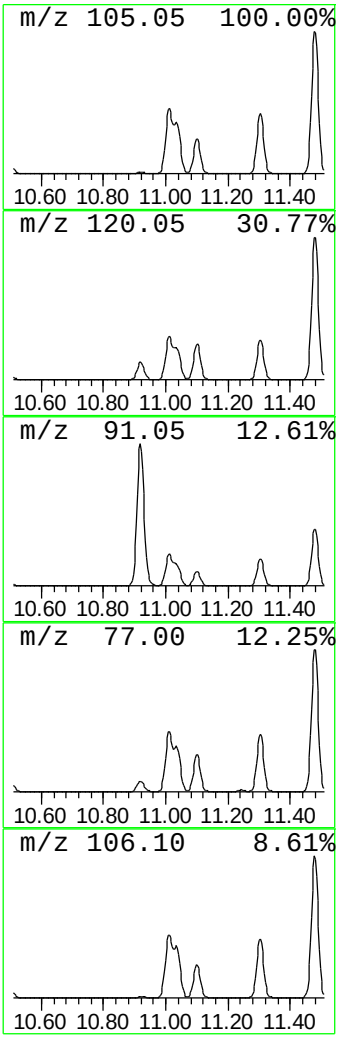
****

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.18 ug/L	1201900	1,4-Dichlorobenzene-d4	11.82

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-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

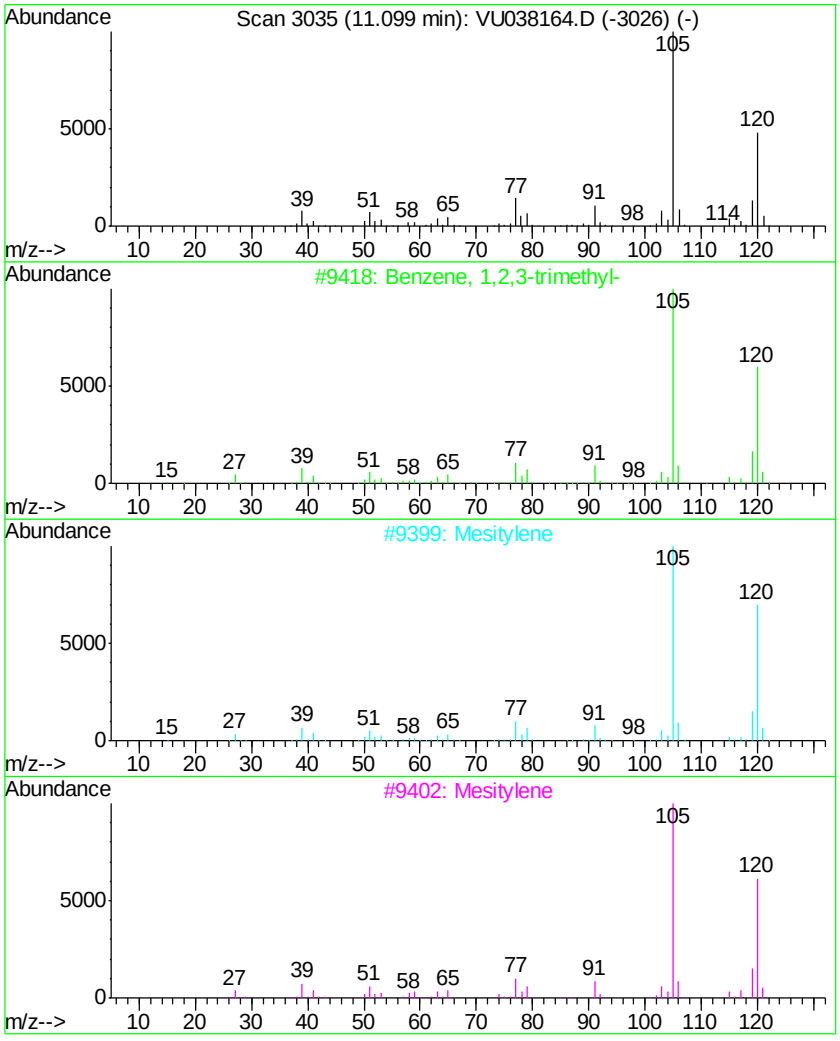
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

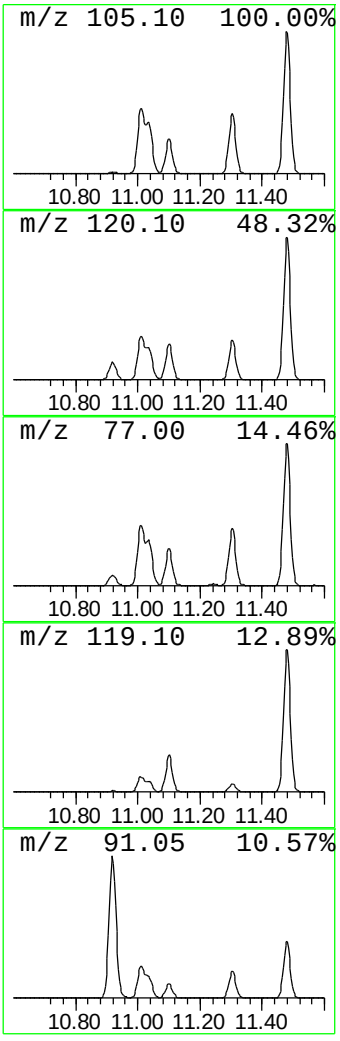
****

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.43 ug/L	699314	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Mesitylene	120	C9H12	000108-67-8	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

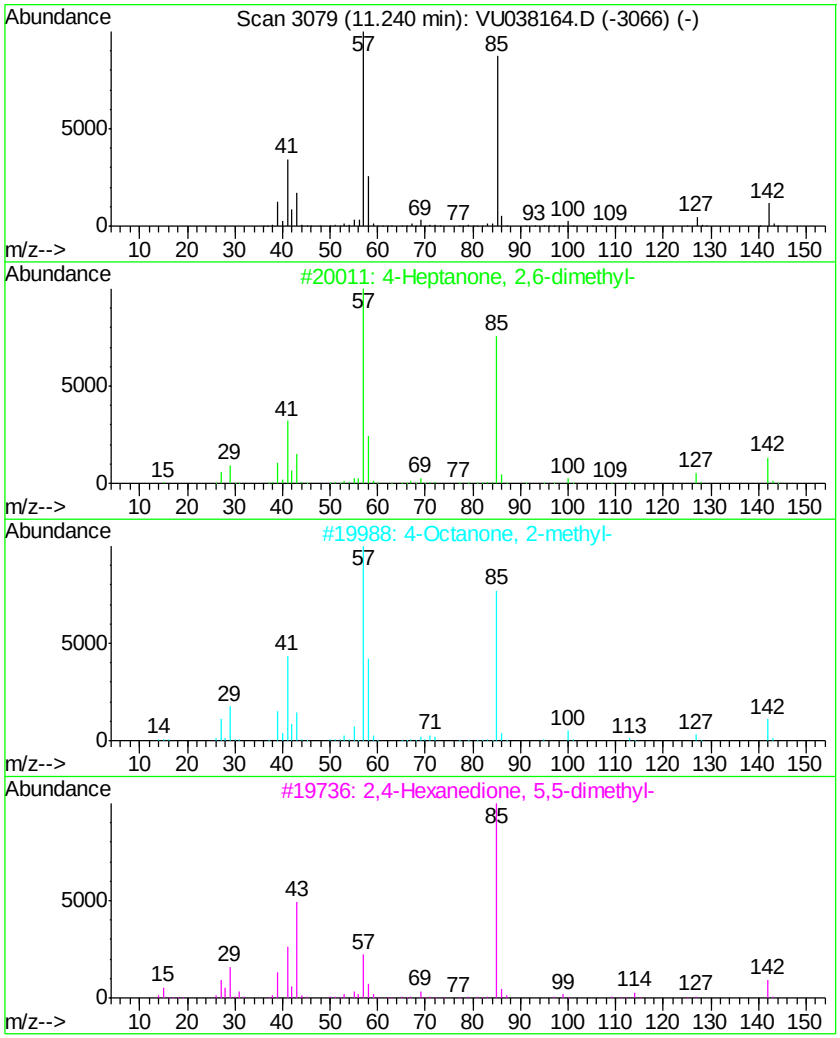
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

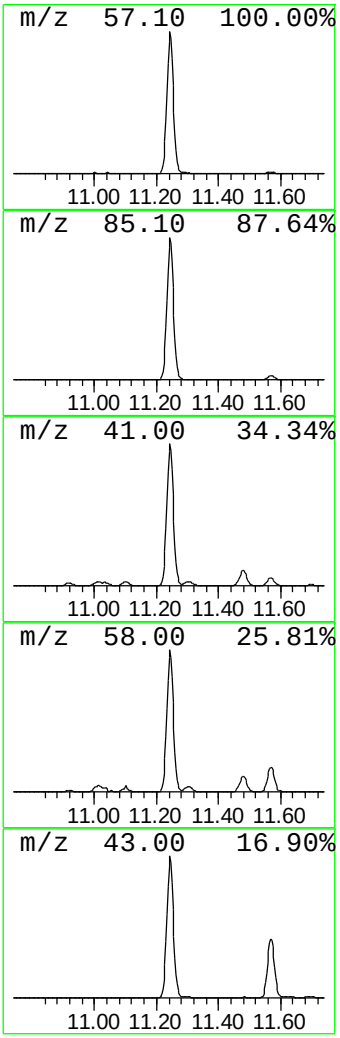
****

Peak Number 14 4-Heptanone, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	8.52 ug/L	2450460	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
3	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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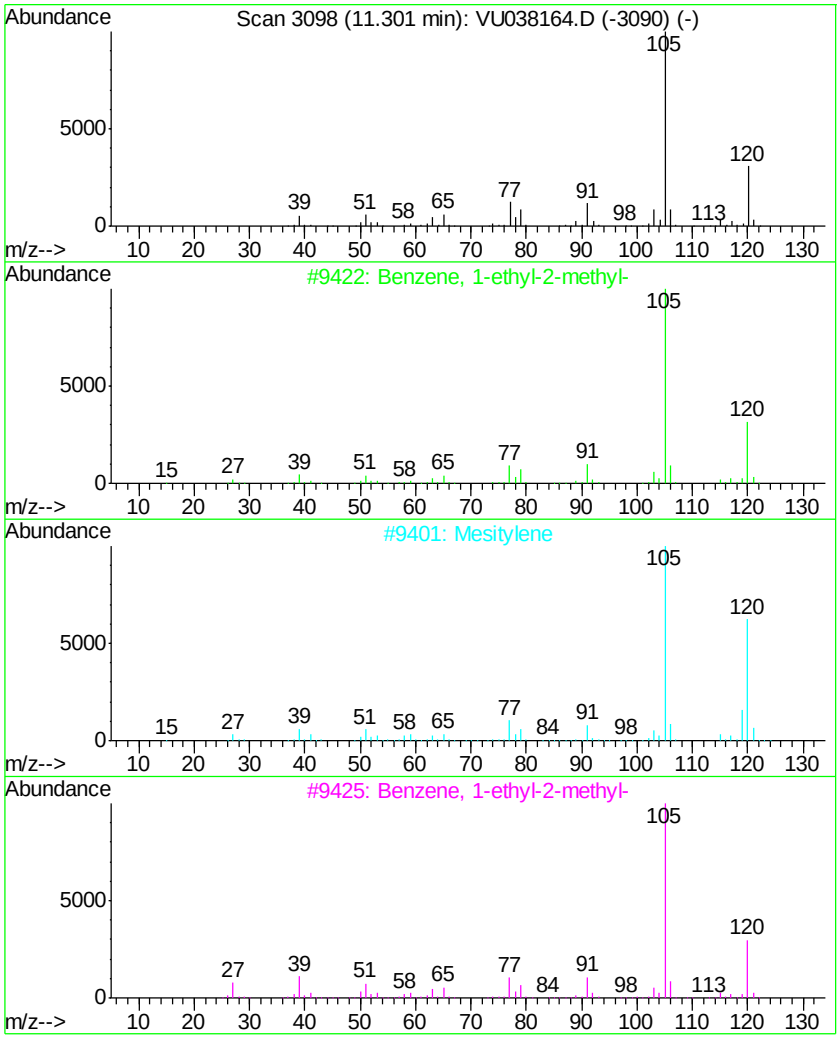
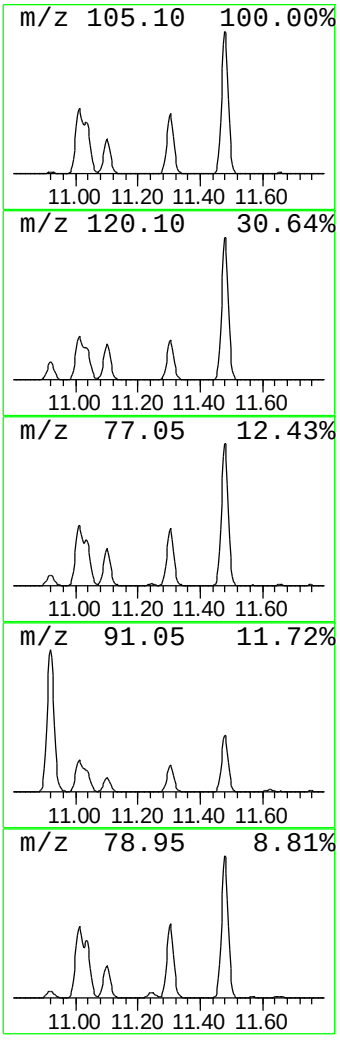
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.77 ug/L	1084930	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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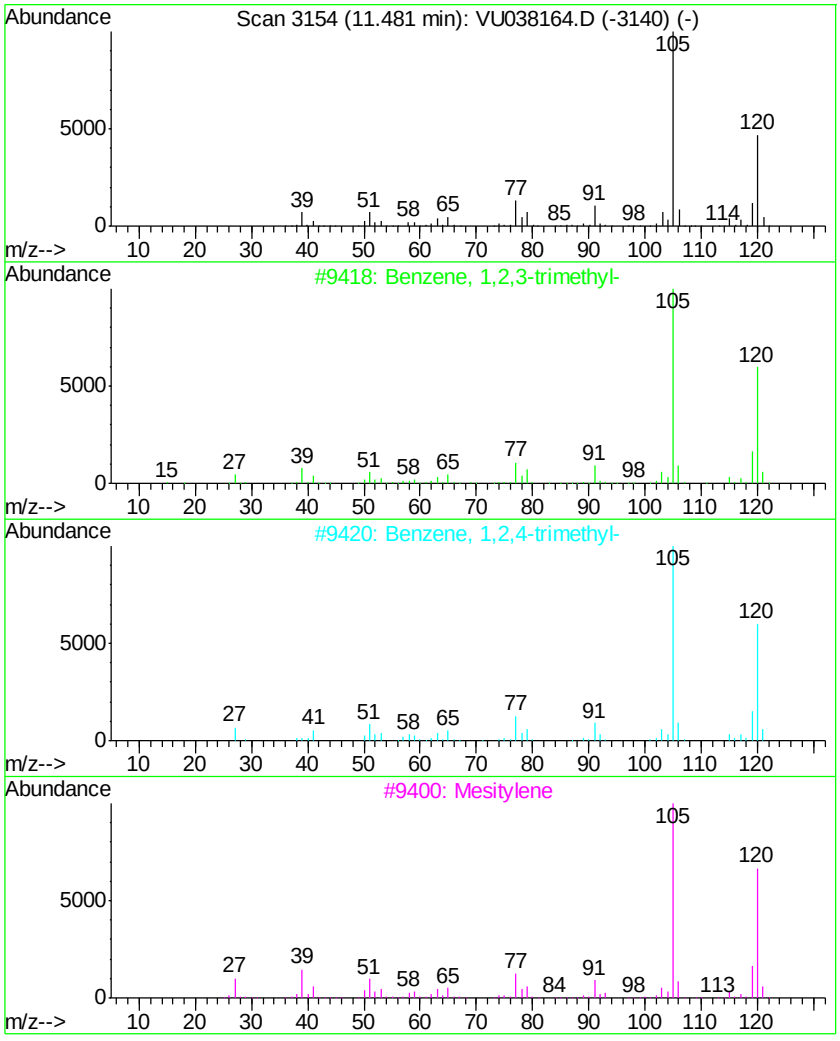
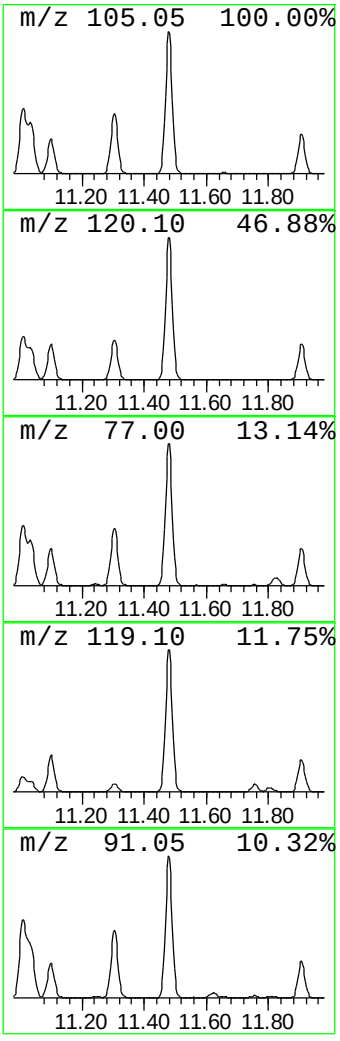
Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	9.70 ug/L	2790990	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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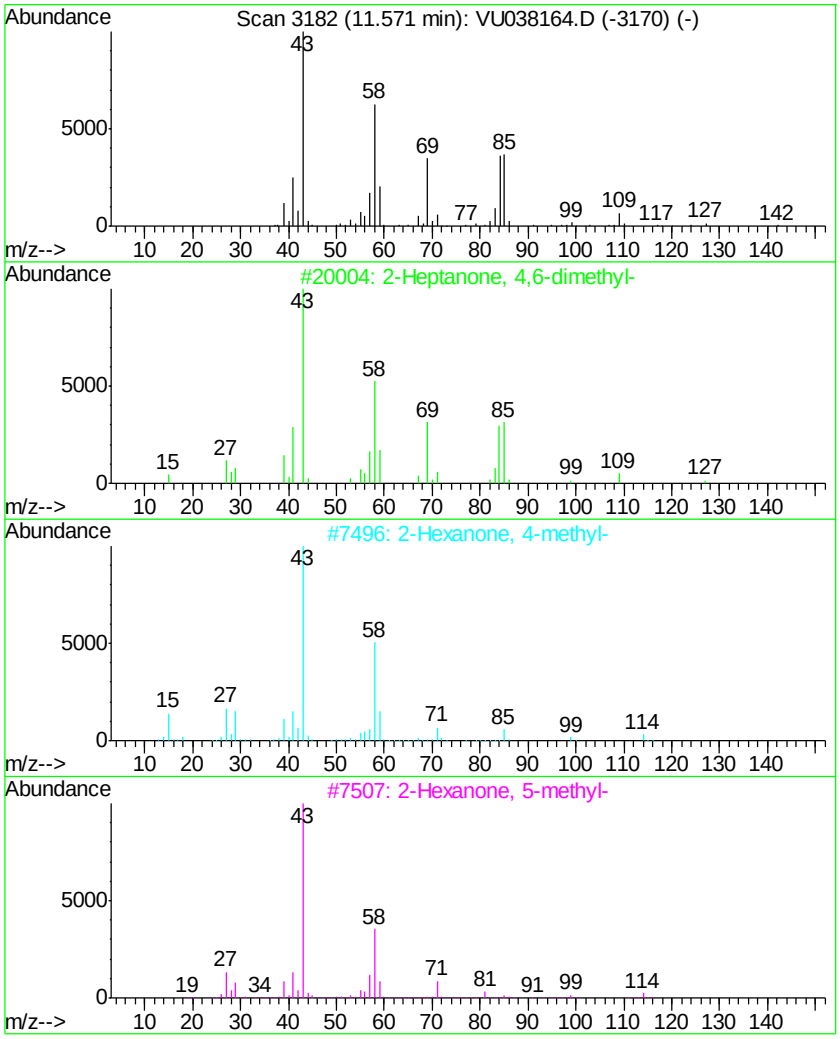
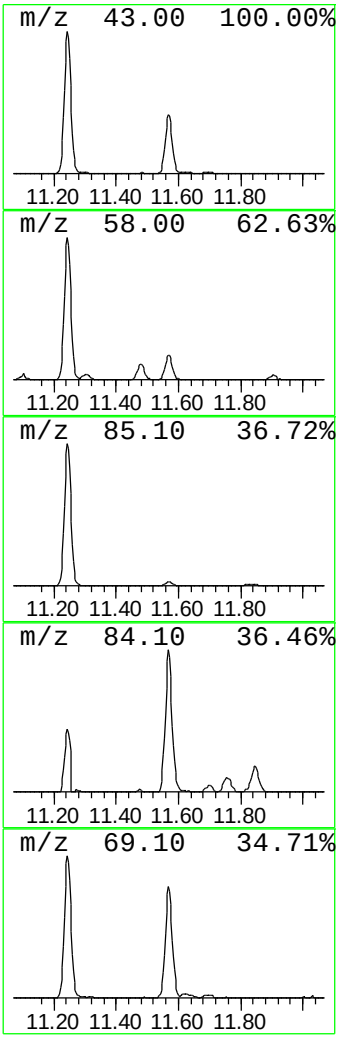
Peak Number 17 2-Heptanone, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.82 ug/L	234869	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	43
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	37





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Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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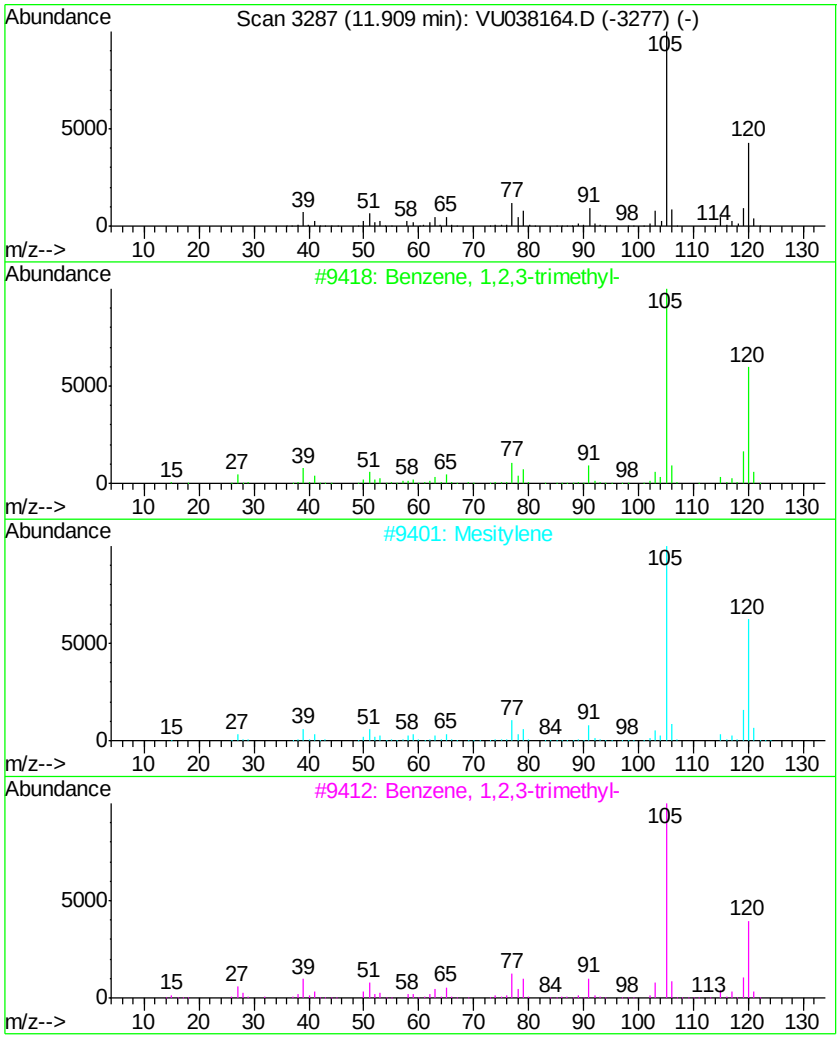
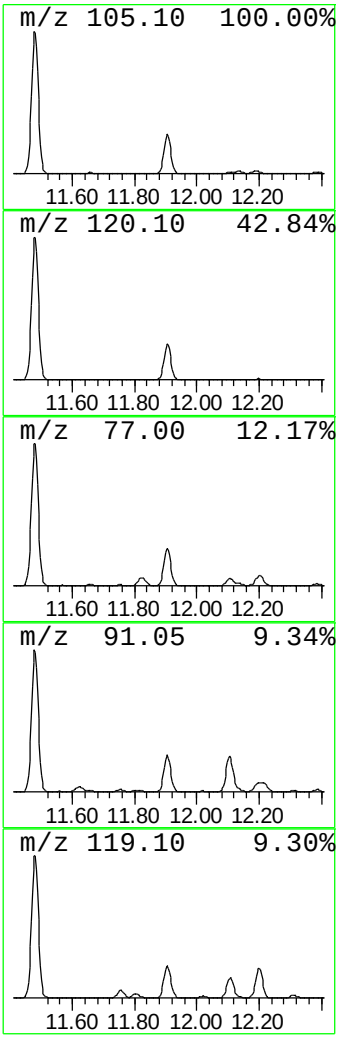
Peak Number 18 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.65 ug/L	762538	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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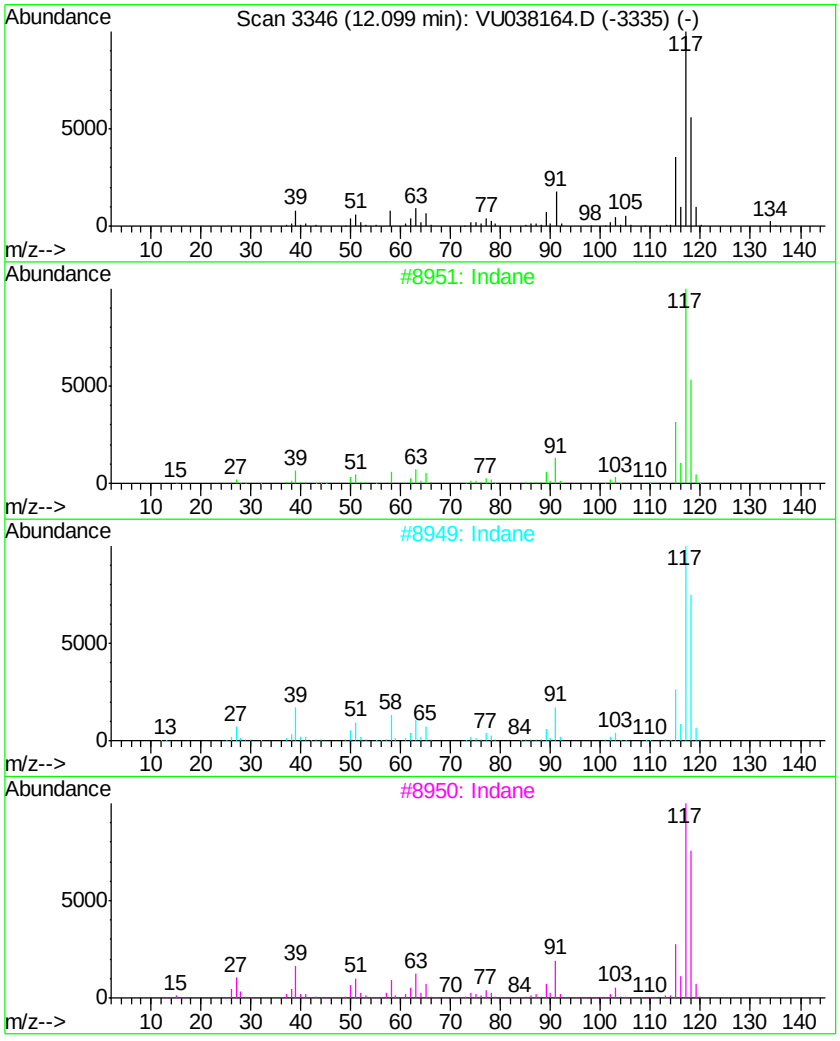
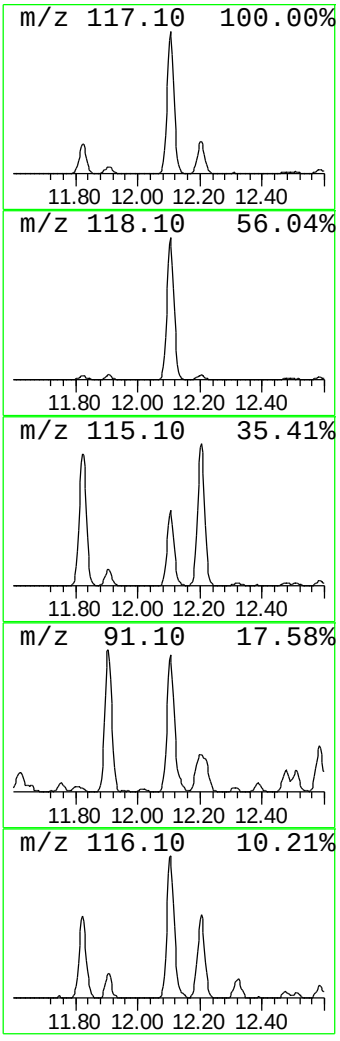
Peak Number 19 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	1.93 ug/L	556451	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	81
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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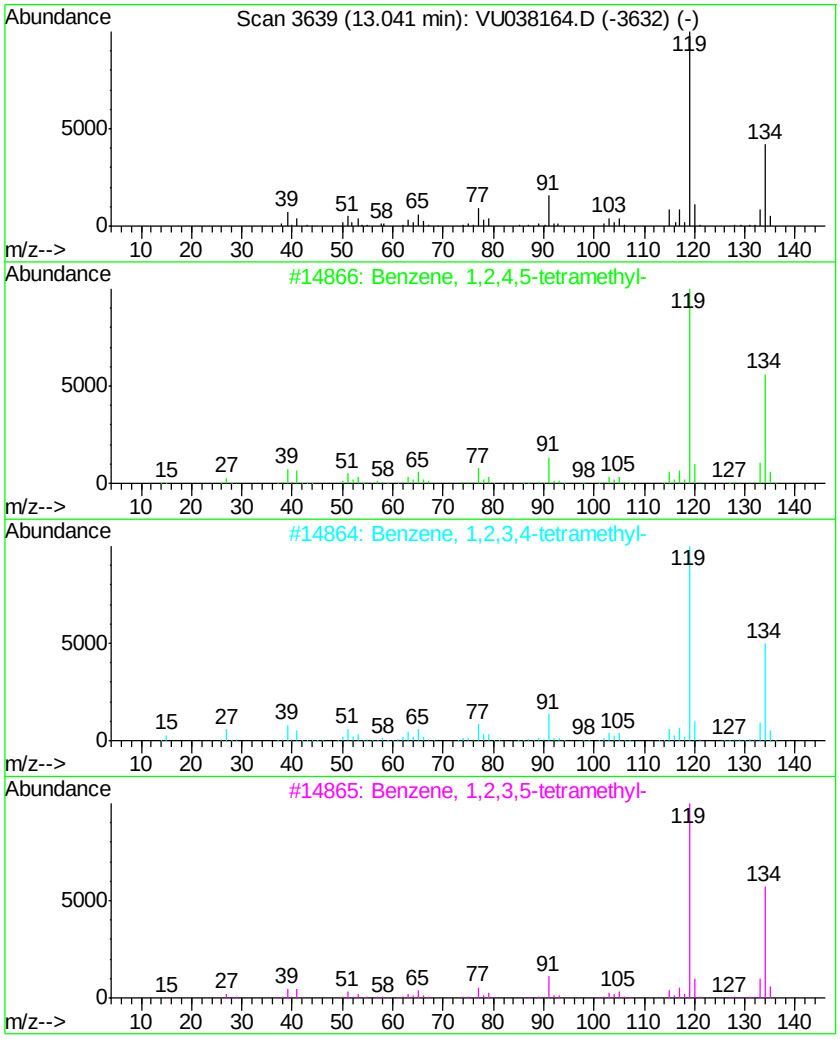
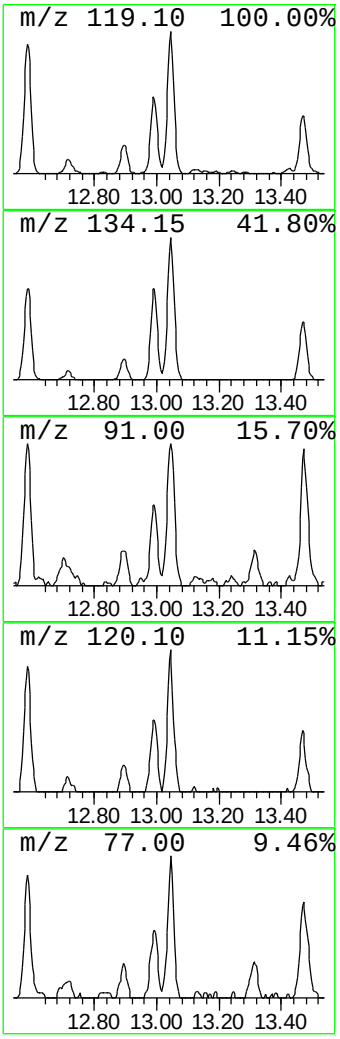
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	0.54 ug/L	155057	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

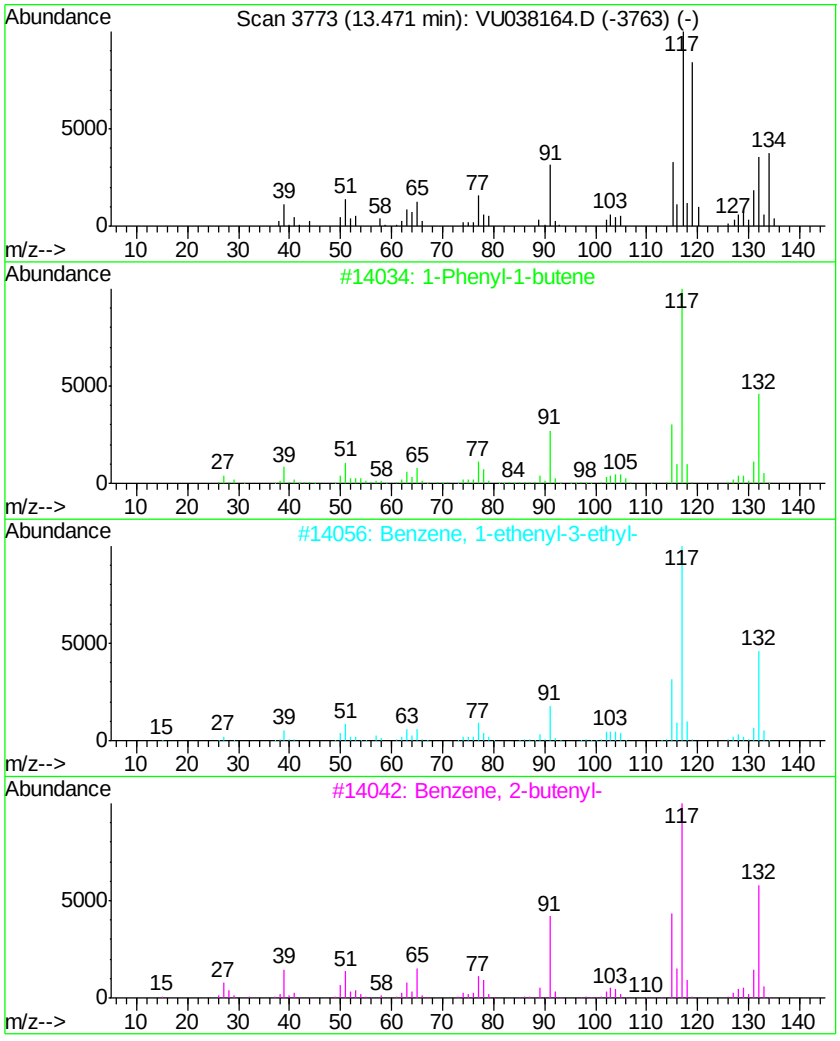
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

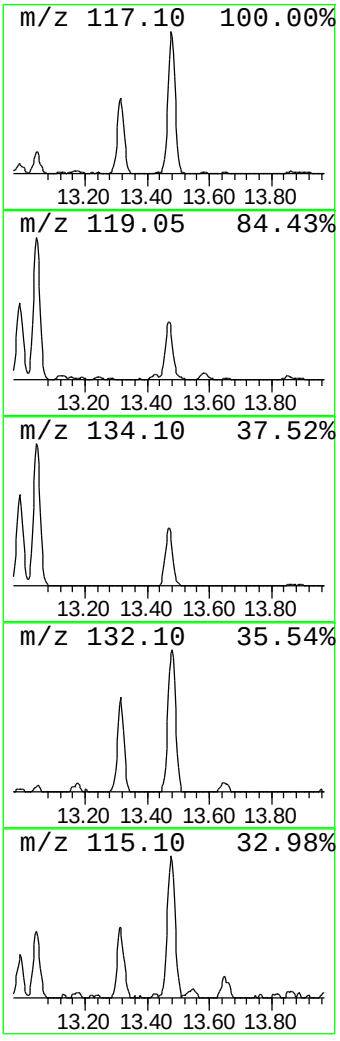
****

Peak Number 21 1-Phenyl-1-butene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	0.59 ug/L	170207	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038164.D
Acq On : 14 May 2020 13:14
Operator : JC/MD
Sample : L2630-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX10DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.08	3.7	ug/L	621601	1	6.28	829985	5.0
(DEL) Alkane: Str...	3.11	16.1	ug/L	2666420	1	6.28	829985	5.0
(DEL) Alkane: Str...	3.39	47.4	ug/L	7864680	1	6.28	829985	5.0
(DEL) Alkane: Str...	3.74	30.8	ug/L	5109160	1	6.28	829985	5.0
(DEL) Alkane: Str...	4.02	1.2	ug/L	199786	1	6.28	829985	5.0
(DEL) Alkane: Str...	4.13	1.1	ug/L	174746	1	6.28	829985	5.0
(DEL) Alkane: Str...	4.34	1.8	ug/L	291789	1	6.28	829985	5.0
(DEL) Alkane: Str...	4.48	1.4	ug/L	231241	1	6.28	829985	5.0
(DEL) Alkane: Cyc...	4.57	54.0	ug/L	8957450	1	6.28	829985	5.0
Benzene, propyl-	10.92	1.9	ug/L	549410	3	11.82	1438150	5.0
Benzene, 1-ethyl-...	11.01	4.2	ug/L	1201900	3	11.82	1438150	5.0
Benzene, 1,2,3-tr...	11.10	2.4	ug/L	699314	3	11.82	1438150	5.0
4-Heptanone, 2,6-...	11.24	8.5	ug/L	2450460	3	11.82	1438150	5.0
Benzene, 1-ethyl-...	11.30	3.8	ug/L	1084930	3	11.82	1438150	5.0
Benzene, 1,2,4-tr...	11.48	9.7	ug/L	2790990	3	11.82	1438150	5.0
2-Heptanone, 4,6-...	11.57	0.8	ug/L	234869	3	11.82	1438150	5.0
Mesitylene	11.91	2.6	ug/L	762538	3	11.82	1438150	5.0
Indane	12.10	1.9	ug/L	556451	3	11.82	1438150	5.0
Benzene, 1,2,4,5-...	13.04	0.5	ug/L	155057	3	11.82	1438150	5.0
1-Phenyl-1-butene	13.47	0.6	ug/L	170207	3	11.82	1438150	5.0