LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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	1.613	73	85	94	rBV2	278487	361841	8.55%	0.715%
2	1.932	176	184	201	rVB	179668	243902	5.76%	0.482%
3	2.398	318	329	350	rVB2	141733	263919	6.23%	0.521%
4	2.591	376	389	410	rBV	296258	496188	11.72%	0.980%
5	3.073	528	539	545	rBV3	32646	66186	1.56%	0.131%
6	3.394	620	639	657	rBV2	187402	422012	9.97%	0.834%
7	3.909	782	799	819	rBV	98974	239523	5.66%	0.473%
8	4.333	911	931	957	rBV4	30531	93446	2.21%	0.185%
9	4.472	957	974	989	rVV3	37438	94152	2.22%	0.186%
10	4.571	989	1005	1023	rVV2	99273	236638	5.59%	0.468%
11	4.703	1023	1046	1110	rVV3	524139	1704956	40.28%	3.369%
12	5.102	1152	1170	1182	rBV	263657	585654	13.84%	1.157%
13	5.166	1182	1190	1212	rVB	78829	187208	4.42%	0.370%
14	5.420	1253	1269	1281	rVV3	191013	488051	11.53%	0.964%
15	5.494	1281	1292	1313	rVB2	196646	447982	10.58%	0.885%
16	5.626	1319	1333	1340	rBV4	64288	138915	3.28%	0.274%
17	5.668	1342	1346	1356	rVV4	54484	99329	2.35%	0.196%
18	5.761	1356	1375	1381	rVV2	564796	1402656	33.14%	2.771%
19	5.809	1381	1390	1404	rVV	1145677	2410140	56.94%	4.762%
20	5.880	1404	1412	1425	rVV2	150510	321673	7.60%	0.636%
21	5.954	1425	1435	1446	rVV3	76534	163870	3.87%	0.324%
22	6.021	1446	1456	1471	rVB3	46829	103789	2.45%	0.205%
23	6.279	1522	1536	1561	rBV	452979	877343	20.73%	1.733%
24	6.536	1599	1616	1620	rBV2	58929	108855	2.57%	0.215%
25	6.571	1622	1627	1640	rVB3	77881	133620	3.16%	0.264%
26	6.719	1659	1673	1685	rBV	346830	695135	16.42%	1.373%
27	6.890	1718	1726	1743	rVB4	24320	47590	1.12%	0.094%
28	7.590	1929	1944	1965	rBV	185080	340524	8.04%	0.673%
29	7.922	2021	2047	2060	rBV	686088	1280521	30.25%	2.530%
30	7.992	2060	2069	2082	rVV	158187	286485	6.77%	0.566%
31	8.201	2121	2134	2144	rBV	120402	201163	4.75%	0.397%
32	8.262	2144	2153	2176	rVB3	42641	84488	2.00%	0.167%
33	8.388	2176	2192	2205	rBV3	30647	57330	1.35%	0.113%
34	8.658	2260	2276	2307	rBV	1075020	2181440	51.53%	4.310%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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	8.986	2371	2378	2392	rVB5	30728	54192	1.28%	0.107%
36	9.311	2464	2479	2484	rBV5	27536	53291	1.26%	0.105%
37	9.343	2484	2489	2502	rVB6	32485	56397	1.33%	0.111%
38	9.465	2505	2527	2553	rBV2	1414705	3471493	82.01%	6.859%
39	9.587	2553	2565	2590	rVV	871877	1589044	37.54%	3.140%
40	9.709	2590	2603	2618	rVV	2479604	4233116	100.00%	8.364%
41	9.777	2618	2624	2645	rVB2	85000	154438	3.65%	0.305%
42	10.114	2697	2729	2752	rBV	592071	1047384	24.74%	2.069%
43	10.497	2836	2848	2860	rBV	255086	414838	9.80%	0.820%
44	10.581	2862	2874	2894	rVB	859316	1427722	33.73%	2.821%
45	10.770	2922	2933	2945	rBV	279014	468635	11.07%	0.926%
46	10.918	2963	2979	2997	rVB	611204	1264391	29.87%	2.498%
47	11.008	2997	3007	3013	rBV2	131419	233201	5.51%	0.461%
48	11.102	3026	3036	3046	rVB	117080	182810	4.32%	0.361%
49	11.243	3071	3080	3088	rVB	35308	50663	1.20%	0.100%
50	11.304	3088	3099	3111	rBV	209997	338013	7.98%	0.668%
51	11.478	3140	3153	3168	rVB	637300	1029475	24.32%	2.034%
52	11.568	3168	3181	3189	rBV2	32479	50570	1.19%	0.100%
53	11.622	3189	3198	3202	rBV	62107	92399	2.18%	0.183%
54	11.655	3203	3208	3218	rVB	69264	99262	2.34%	0.196%
55	11.709	3219	3225	3232	rVB3	38469	51688	1.22%	0.102%
56	11.758	3232	3240	3247	rVB2	48360	67301	1.59%	0.133%
57	11.822	3247	3260	3272	rBV2	721327	1379510	32.59%	2.726%
58	11.905	3280	3286	3295	rVB	235405	352900	8.34%	0.697%
59	11.957	3295	3302	3313	rVB	70840	106573	2.52%	0.211%
60	12.024	3313	3323	3331	rBV2	73656	116115	2.74%	0.229%
61	12.105	3331	3348	3367	rBV2	800887	1395314	32.96%	2.757%
62	12.220	3367	3384	3400	rVB4	1377677	3370647	79.63%	6.660%
63	12.311	3401	3412	3422	rBV5	36402	61398	1.45%	0.121%
64	12.388	3423	3436	3450	rVB	63673	132116	3.12%	0.261%
65	12.478	3453	3464	3470	rBV	85837	146874	3.47%	0.290%
66	12.555	3478	3488	3495	rBV	392711	673023	15.90%	1.330%
67	12.626	3504	3510	3523	rVB3	49062	79201	1.87%	0.156%
68	12.696	3523	3532	3552	rVB4	176051	442179	10.45%	0.874%
69	12.793	3552	3562	3567	rBV5	47557	81931	1.94%	0.162%
70	12.838	3567	3576	3585	rVV	345051	536406	12.67%	1.060%
71	12.893	3585	3593	3606	rVB3	61603	121859	2.88%	0.241%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

72	12.992	3606	3624	3632	rBV	199776	347564	8.21%	0.687%
73	13.047	3632	3641	3652	rVB2	188616	309281	7.31%	0.611%
74	13.130	3658	3667	3671	rBV4	40841	61158	1.44%	0.121%
75	13.243	3690	3702	3708	rBV3	22497	48231	1.14%	0.095%
76	13.314	3715	3724	3738	rVB	241055	365162	8.63%	0.721%
77	13.433	3751	3761	3765	rBV3	34398	56296	1.33%	0.111%
78	13.478	3765	3775	3789	rVB2	479641	839678	19.84%	1.659%
79	13.587	3802	3809	3814	rBV2	37918	55784	1.32%	0.110%
80	13.632	3815	3823	3841	rVB4	114121	247266	5.84%	0.489%
81	13.880	3886	3900	3909	rBV	649319	1152640	27.23%	2.277%
82	13.979	3922	3931	3932	rBV5	42401	51564	1.22%	0.102%
83	14.114	3963	3973	3993	rVB	52731	117588	2.78%	0.232%
84	14.317	4027	4036	4046	rBV5	26462	63936	1.51%	0.126%
85	14.519	4088	4099	4106	rBV2	33627	53257	1.26%	0.105%
86	14.597	4106	4123	4139	rVB	219616	388899	9.19%	0.768%
87	14.847	4178	4201	4217	rBV	142972	312449	7.38%	0.617%
88	15.044	4246	4262	4270	rBV6	62151	164518	3.89%	0.325%
89	15.121	4271	4286	4296	rBV2	219682	433398	10.24%	0.856%
90	15.314	4336	4346	4356	rBV5	39150	74395	1.76%	0.147%
91	15.597	4420	4434	4446	rBV2	116009	194562	4.60%	0.384%
92	15.847	4501	4512	4526	rBV4	66971	119536	2.82%	0.236%
93	16.002	4543	4560	4571	rBV2	52274	118297	2.79%	0.234%
94	16.146	4588	4605	4619	rBV	1273857	2102963	49.68%	4.155%
95	16.844	4811	4822	4843	rBV2	214904	419398	9.91%	0.829%
96	16.966	4850	4860	4870	rBV2	136314	222662	5.26%	0.440%

Sum of corrected areas: 50613375

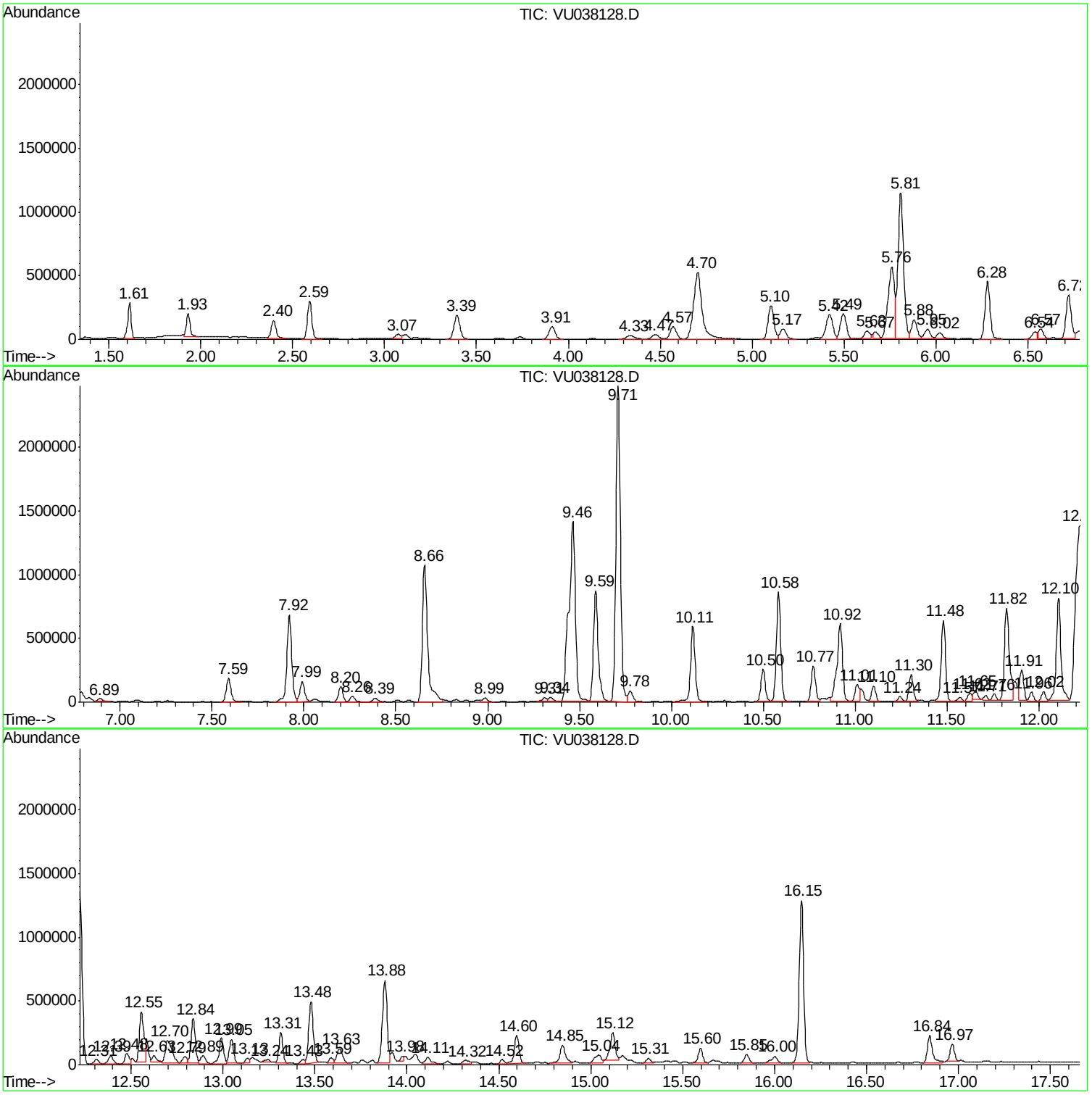
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

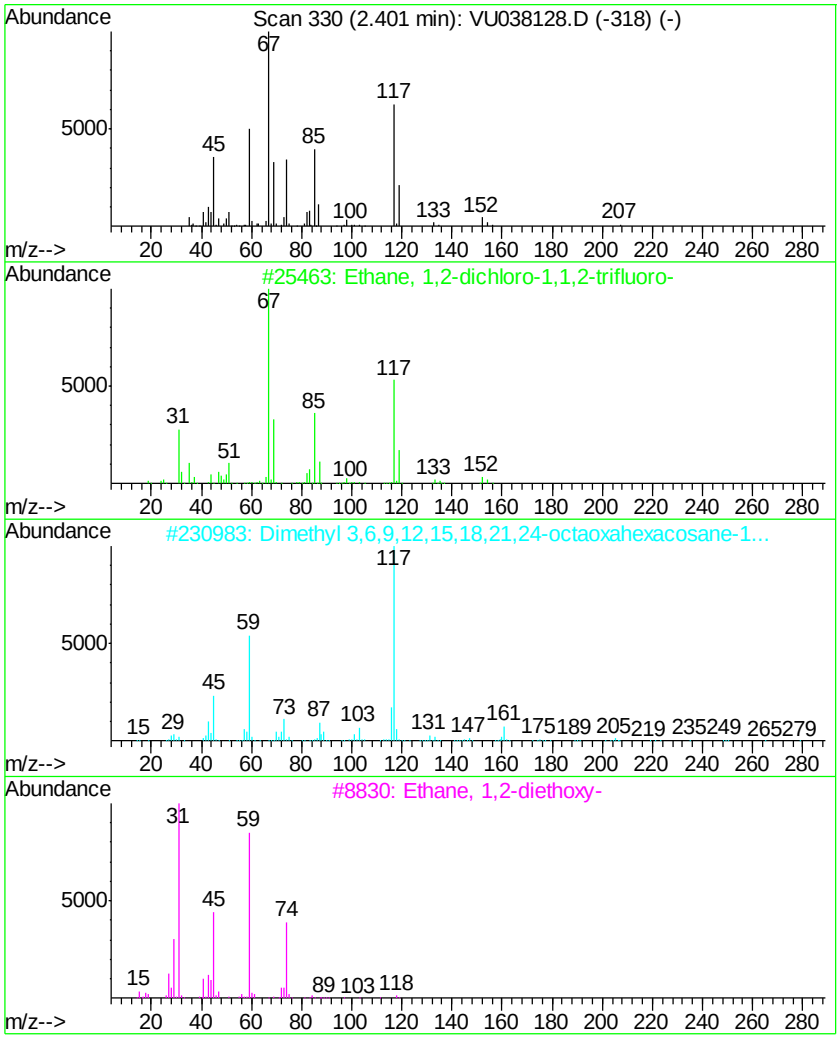
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

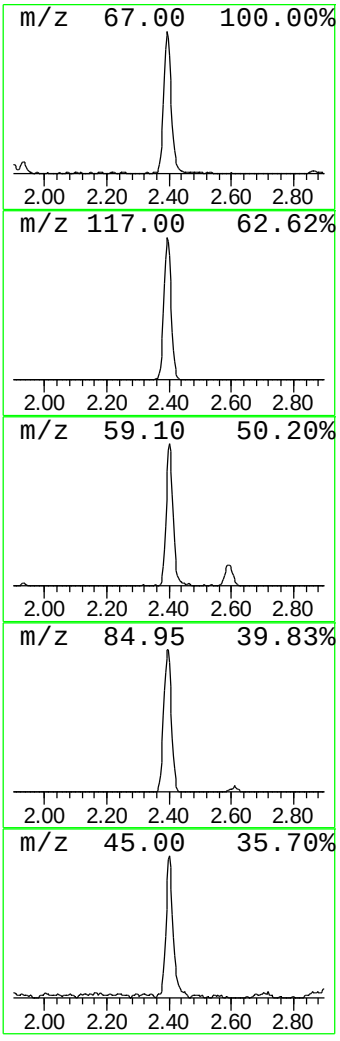
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	1.50 ug/L	263919	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	43
2	Dimethyl 3,6,9,12,15,18,21,24-oc...	470	C20H38O12	1000366-80-8	16
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	14
4	Ethyl ether	74	C4H10O	000060-29-7	11
5	Ethyl ether	74	C4H10O	000060-29-7	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

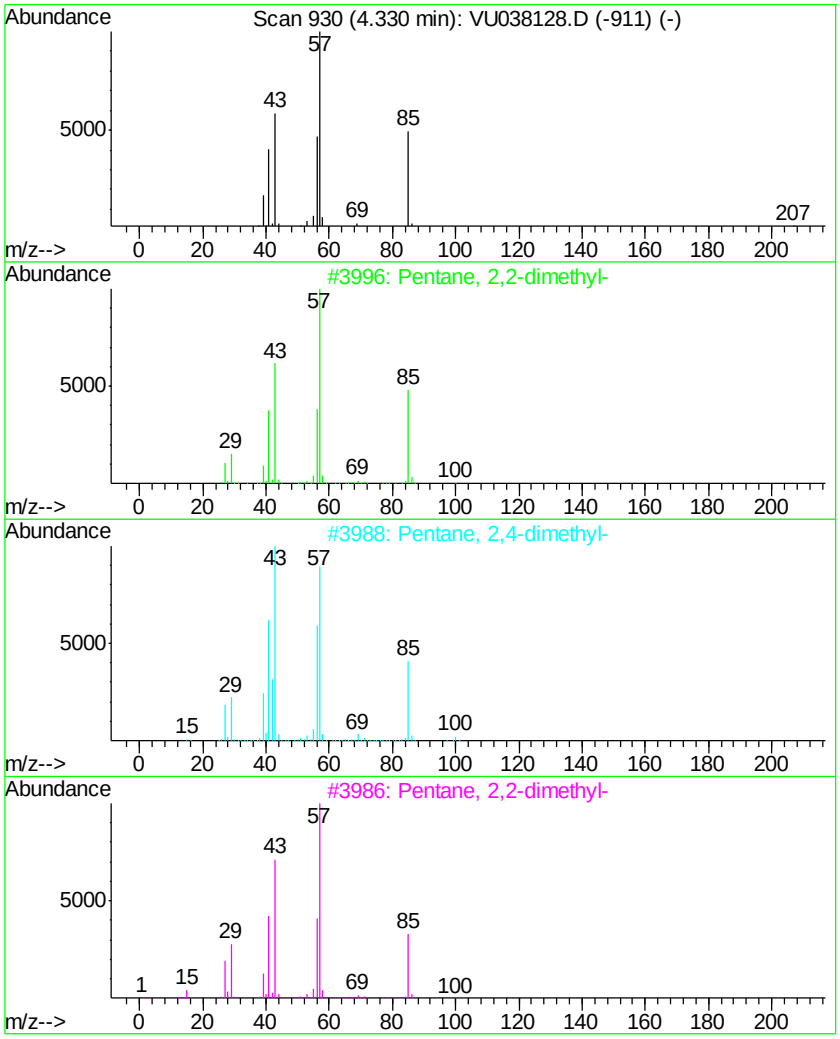
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

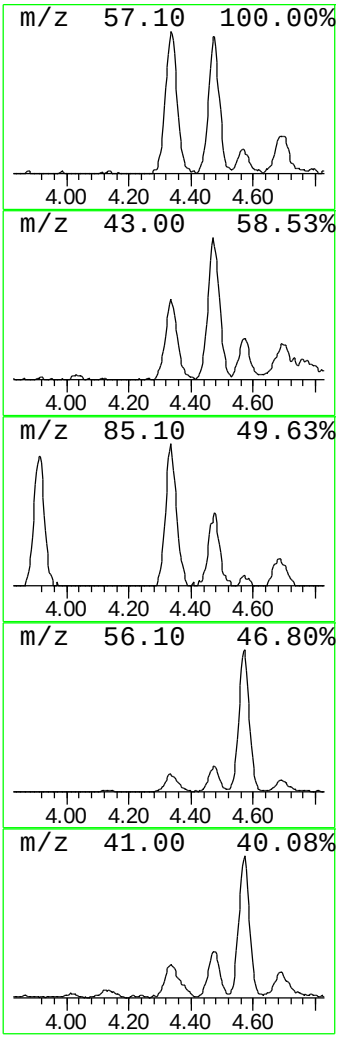
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	0.53 ug/L	93446	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
4	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

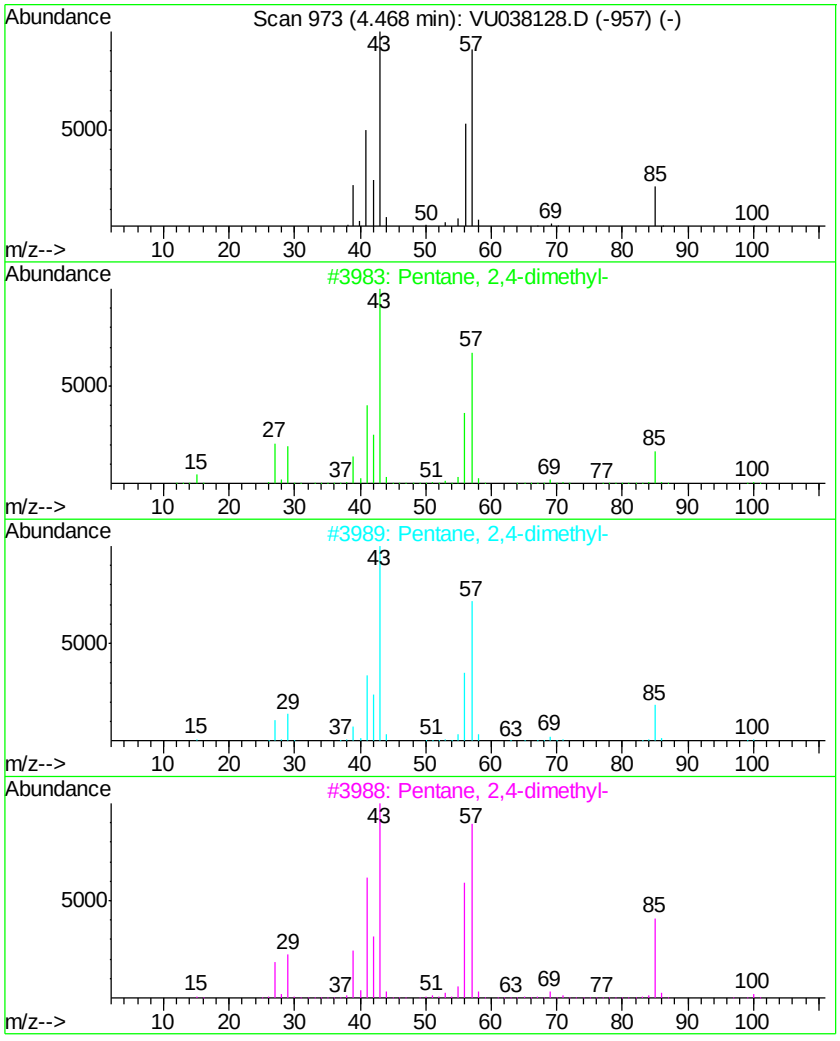
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

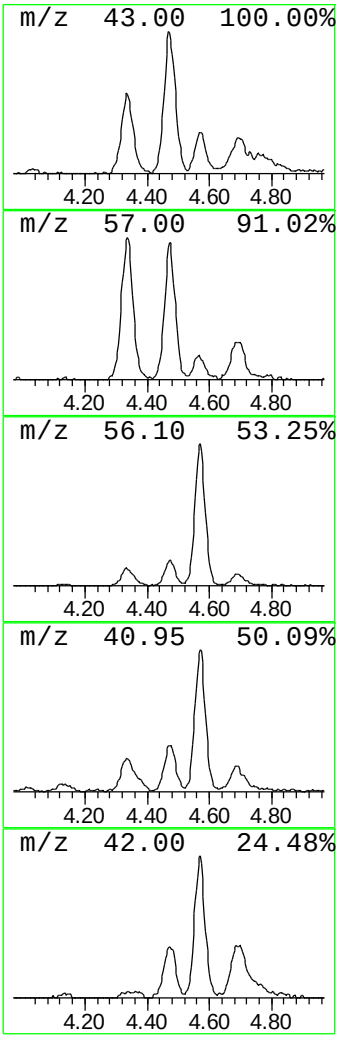
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	0.54 ug/L	94152	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	52
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	52
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

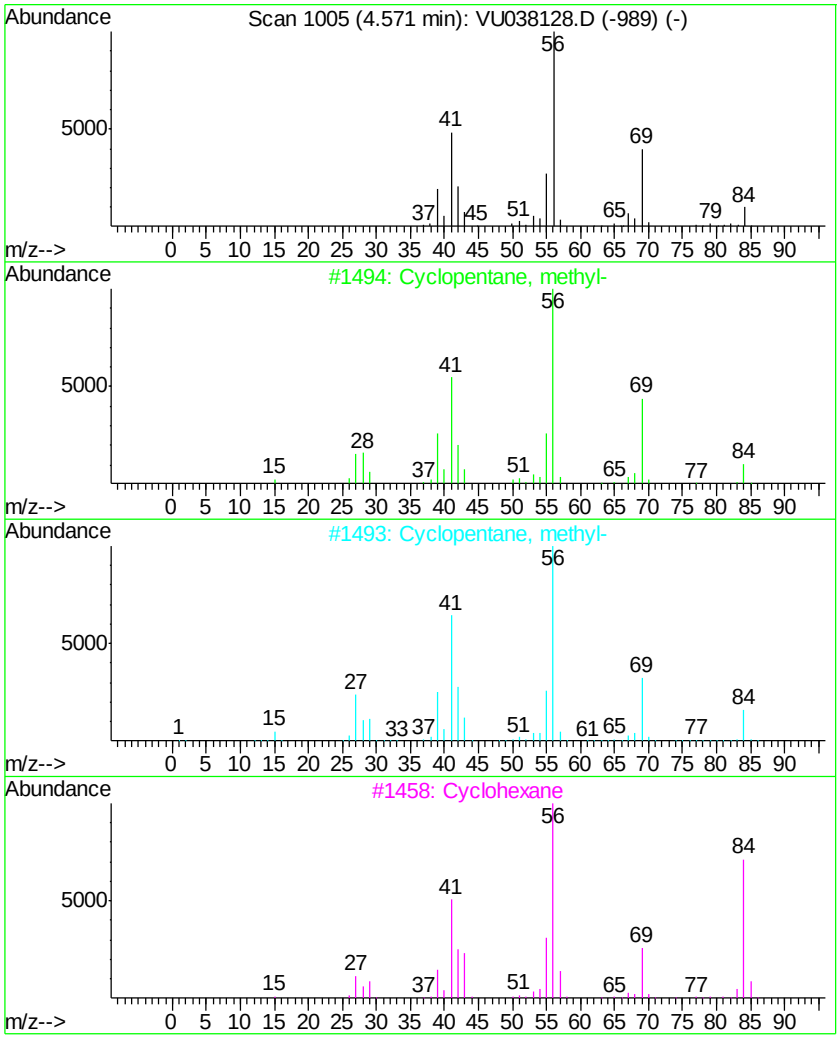
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

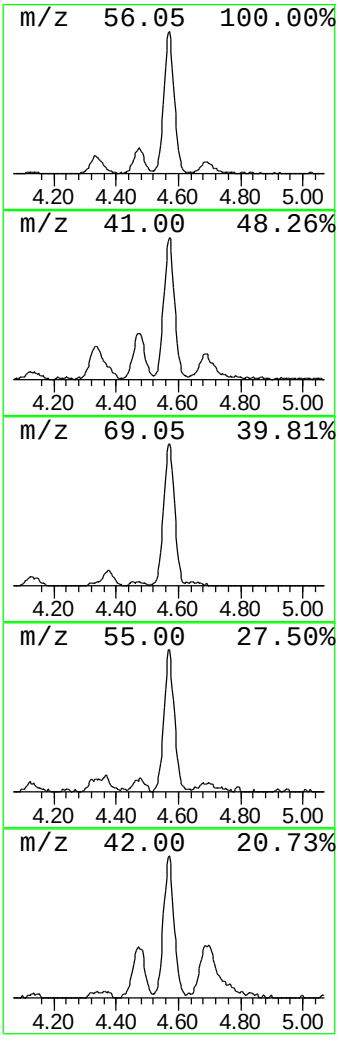
****

Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.35 ug/L	236638	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclohexane	84	C6H12	000110-82-7	83
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

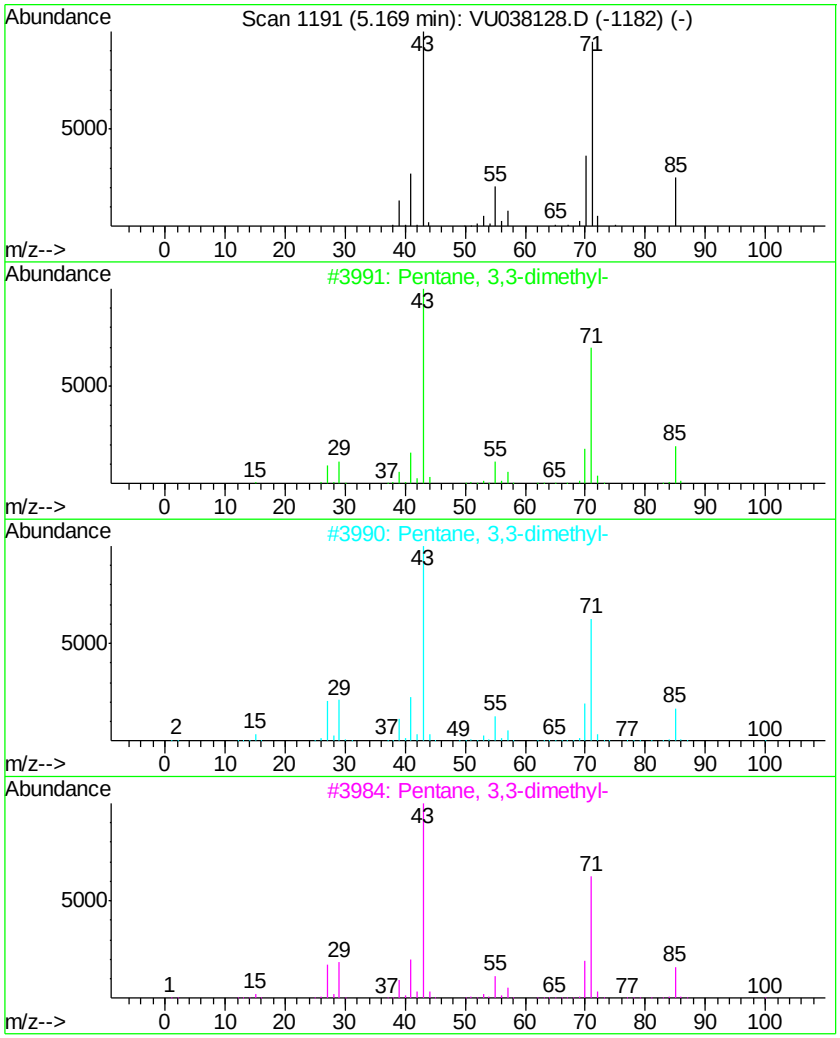
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

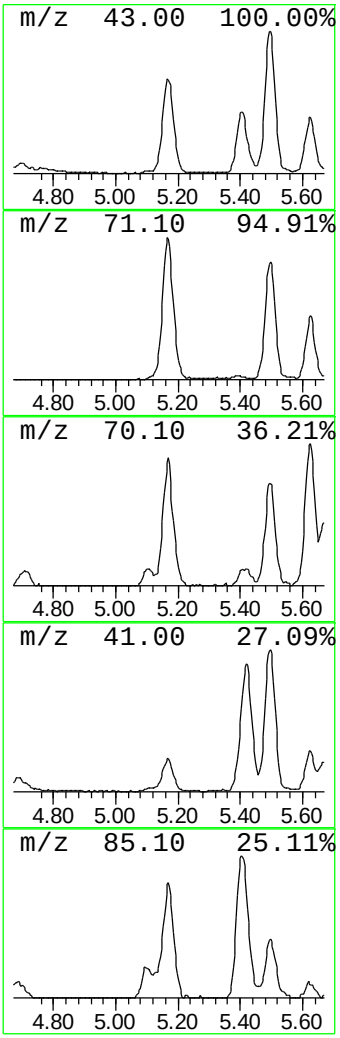
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	1.07 ug/L	187208	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	78
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	56
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	42
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

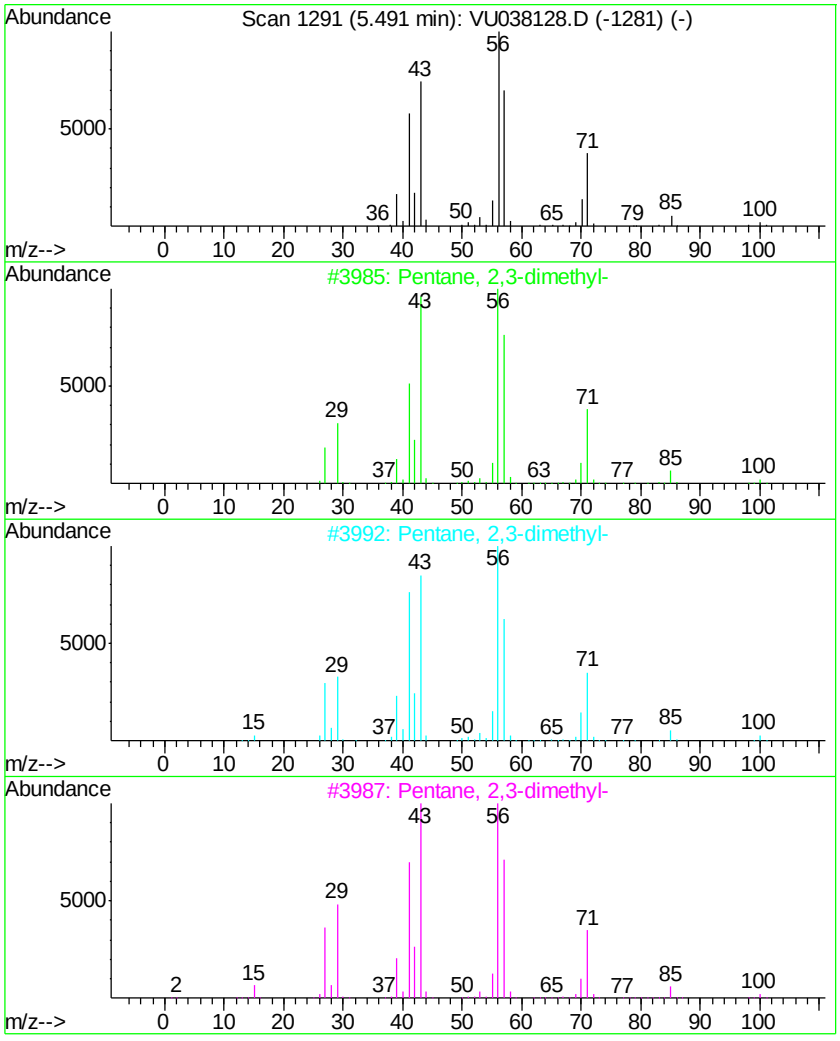
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

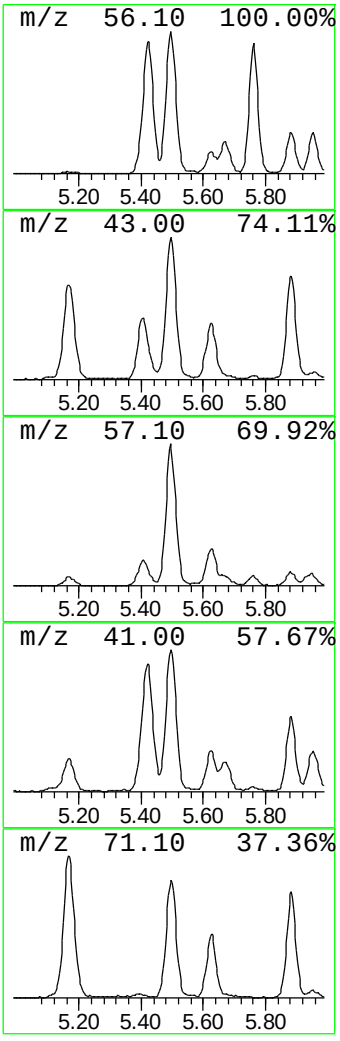
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	2.55 ug/L	447982	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

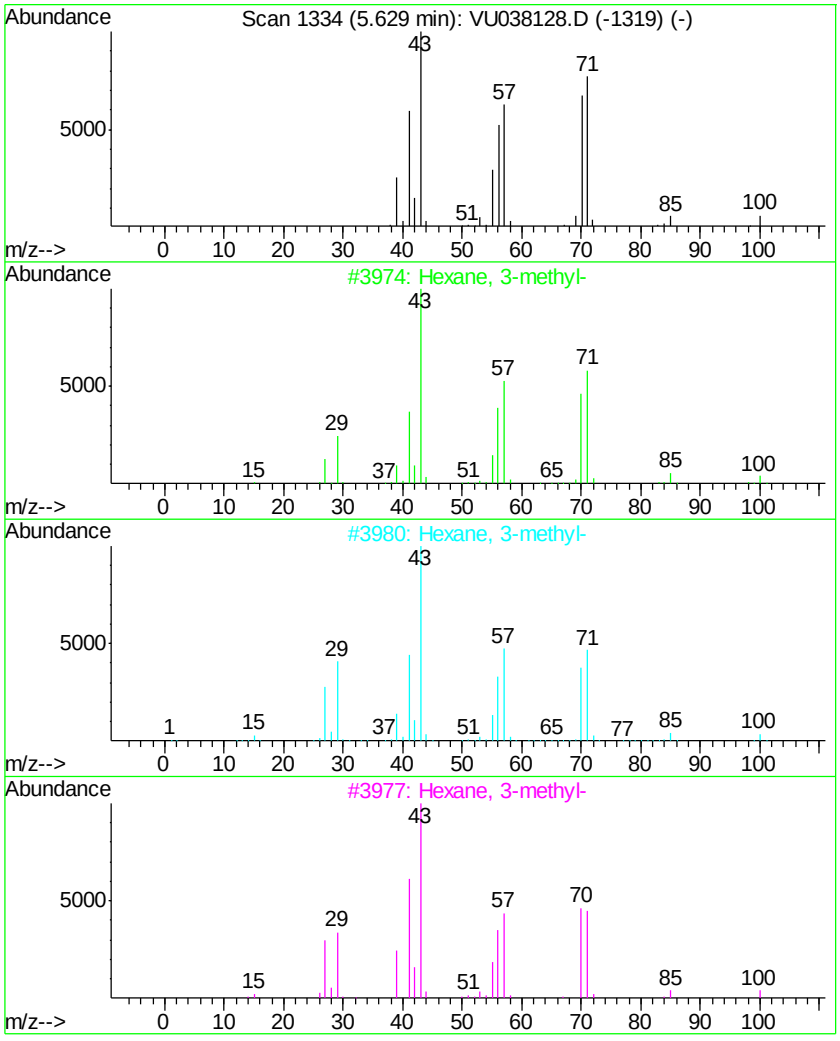
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

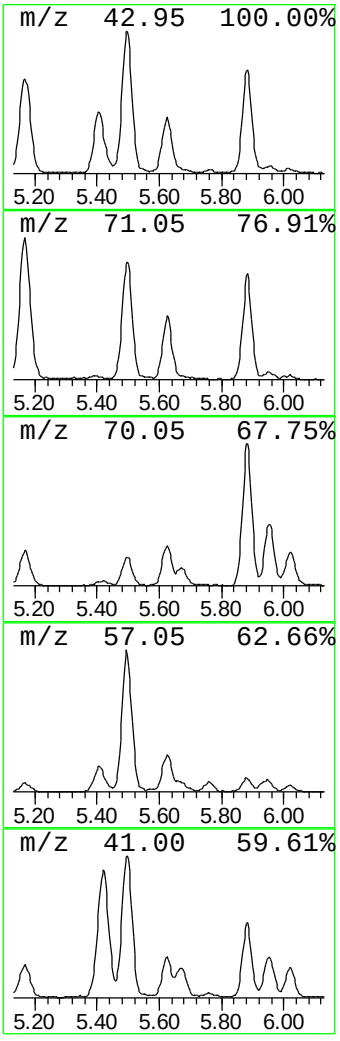
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	0.79 ug/L	138915	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	56





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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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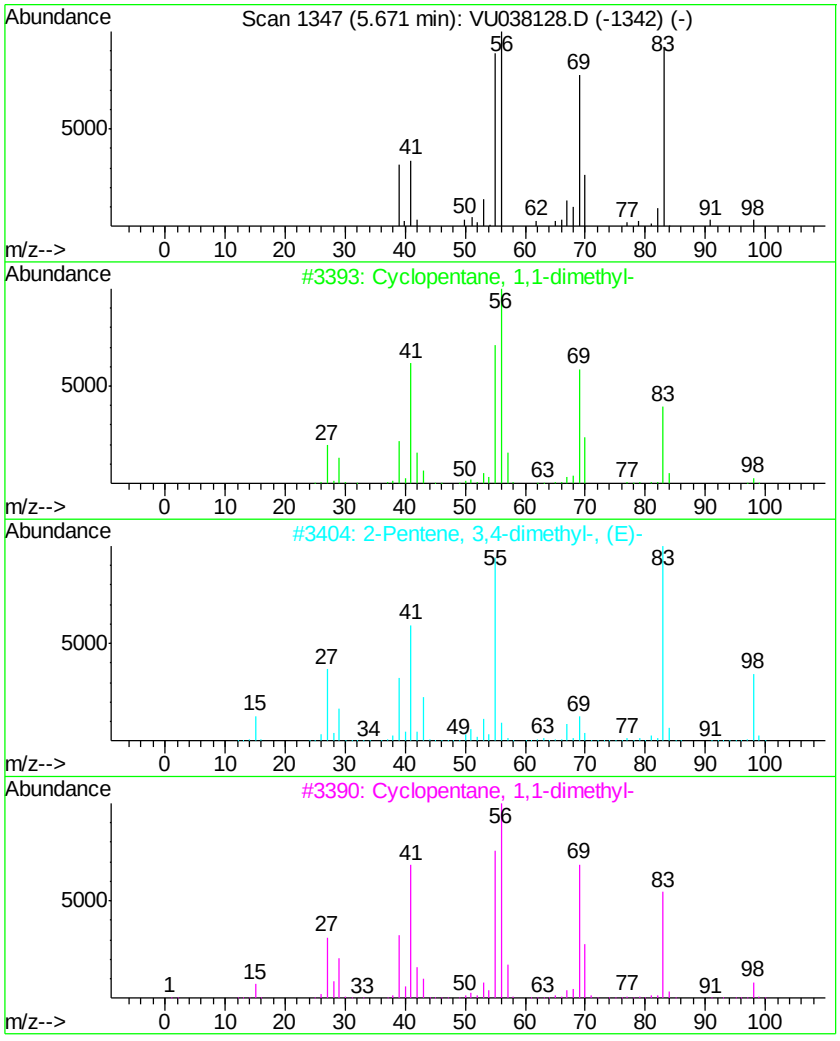
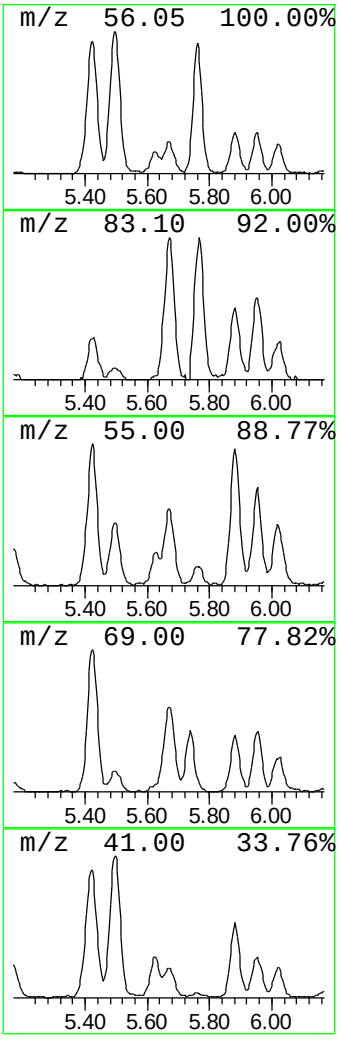
Peak Number 8 (DEL) Alkane: Cyclic5.67 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	0.57 ug/L	99329	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	45
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	43
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	36
4	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	35
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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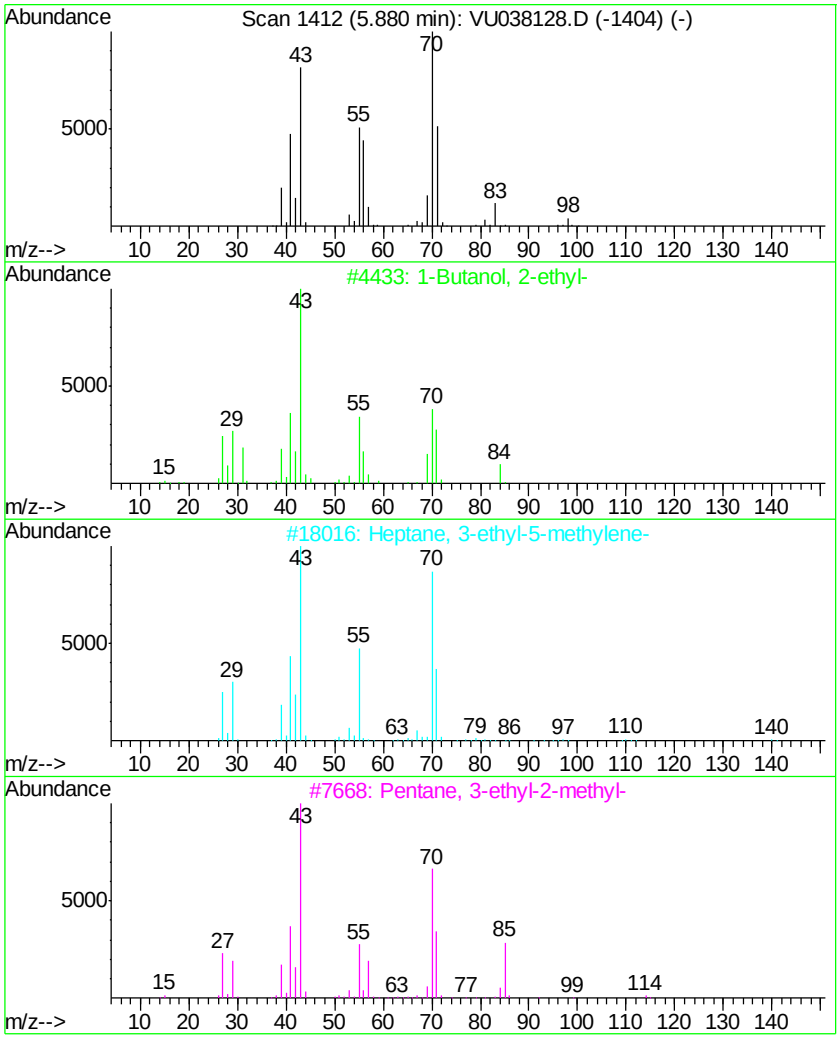
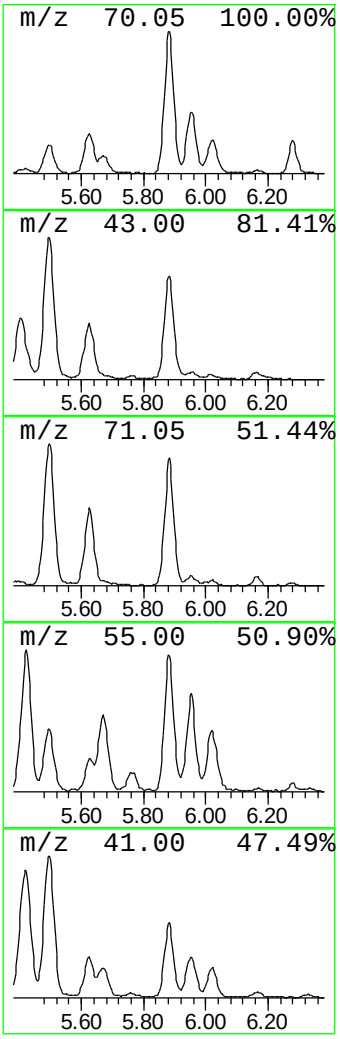
Peak Number 9 1-Butanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	1.83 ug/L	321673	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
2	Heptane, 3-ethyl-5-methylene-	140	C10H20	1000160-41-7	50
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	45
4	Tridecane, 3-methylene-	196	C14H28	019780-34-8	40
5	1-Pentanol, 3,4-dimethyl-	116	C7H16O	006570-87-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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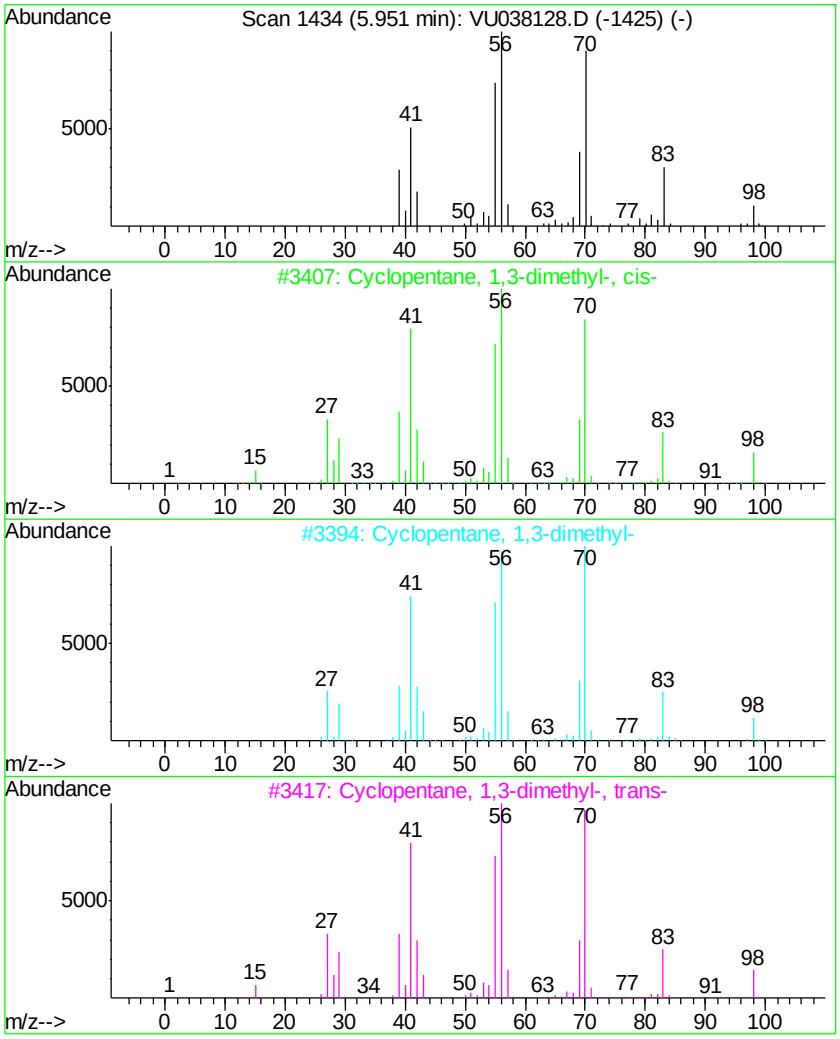
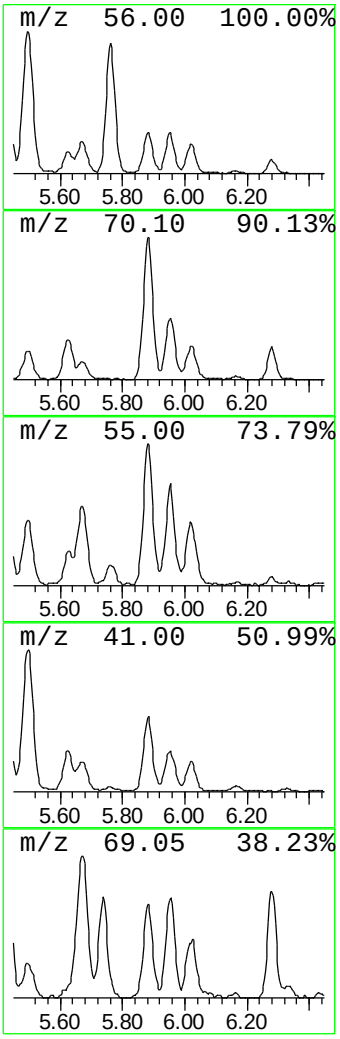
Peak Number 10 (DEL) Alkane: Cyclic5.95 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.93 ug/L	163870	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	78
4	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	64
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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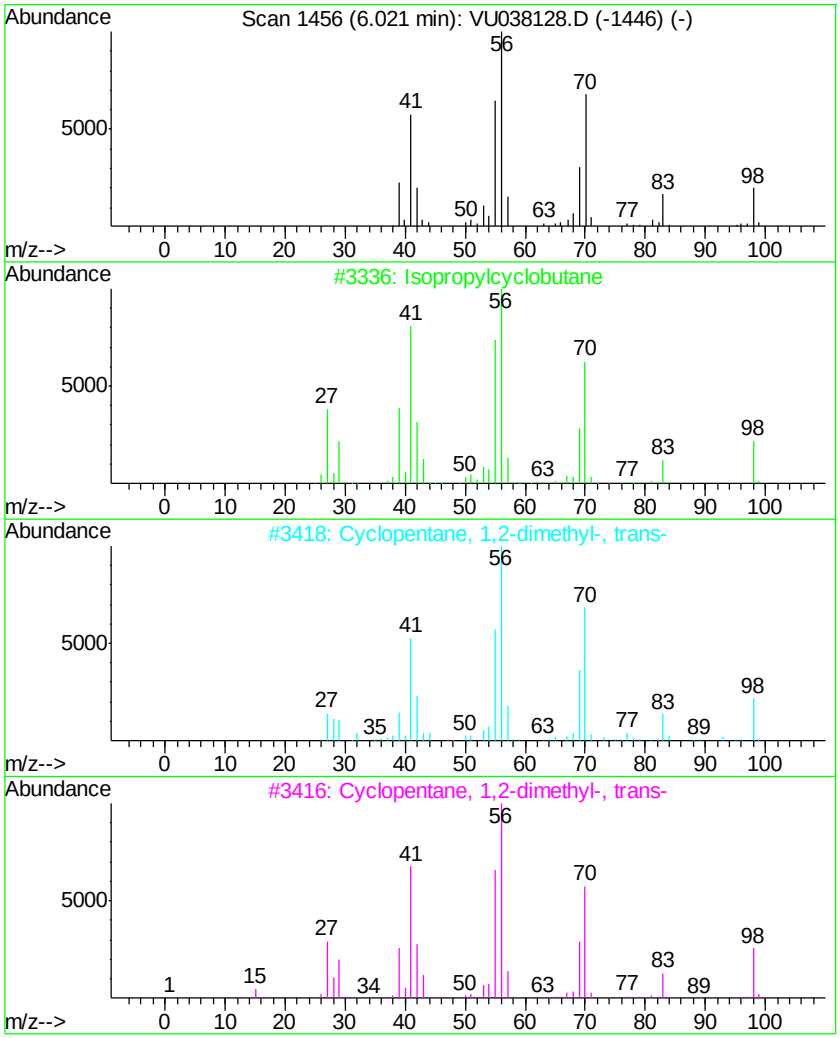
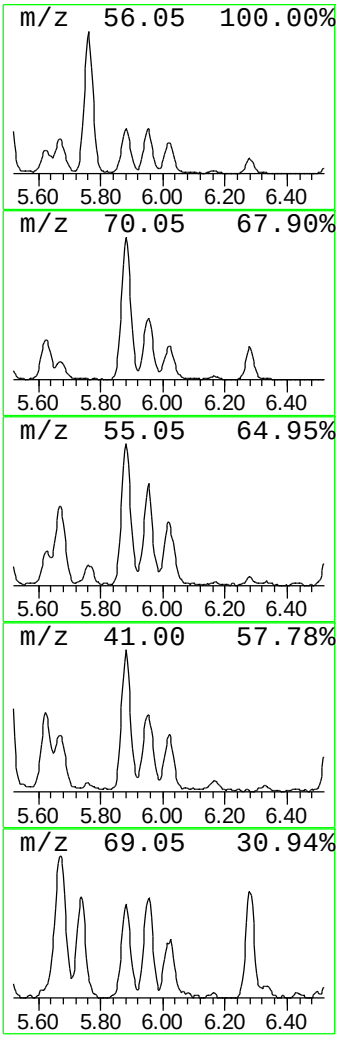
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	0.59 ug/L	103789	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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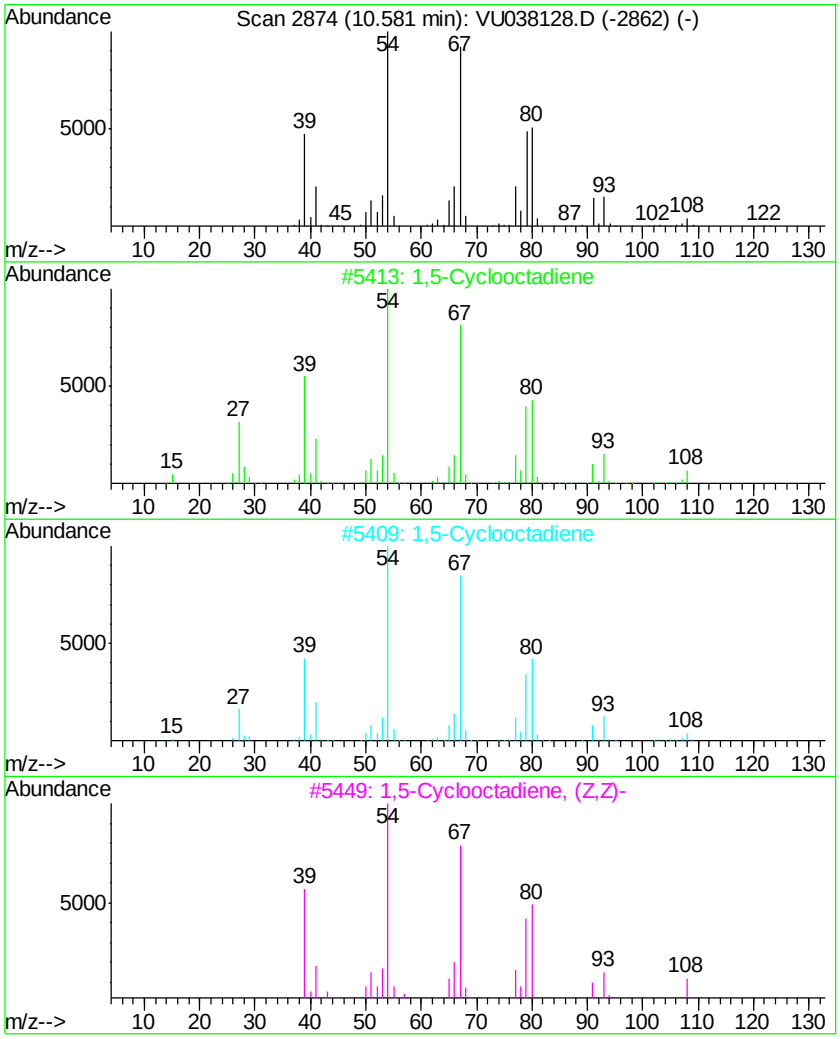
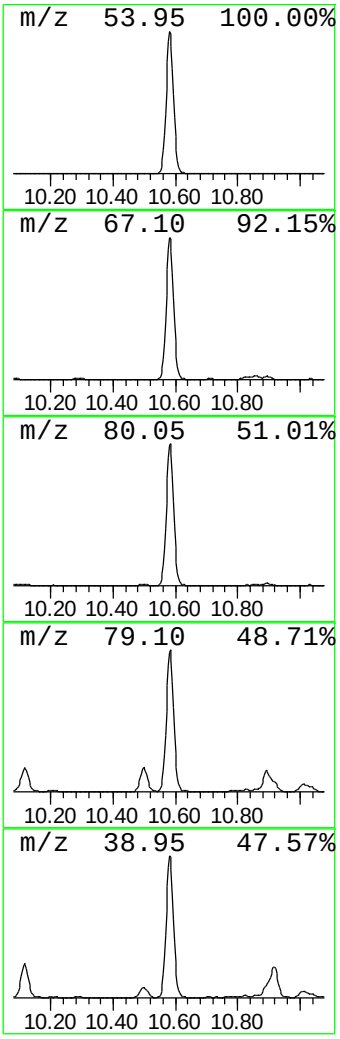
Peak Number 13 1,5-Cyclooctadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.06 ug/L	1427720	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene	108	C8H12	000111-78-4	95
2	1,5-Cyclooctadiene	108	C8H12	000111-78-4	94
3	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	90
4	4-Cyanocyclohexene	107	C7H9N	000100-45-8	83
5	1,5-Cyclooctadiene, (E,Z)-	108	C8H12	005259-71-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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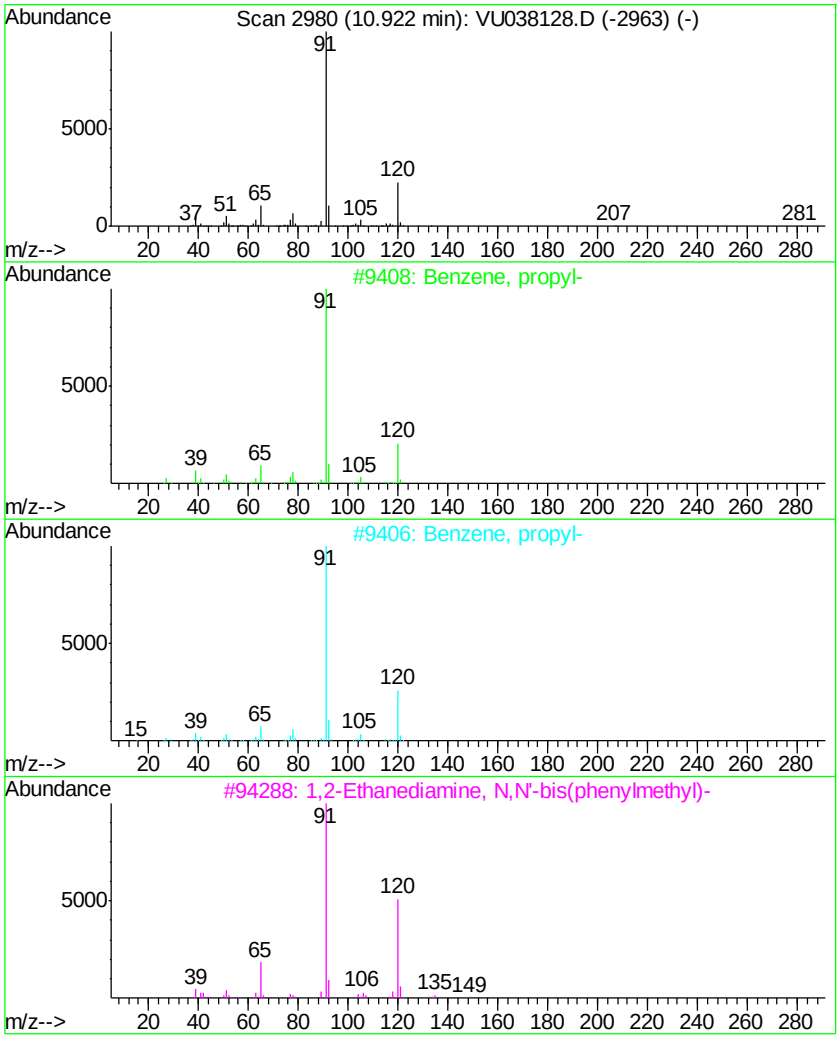
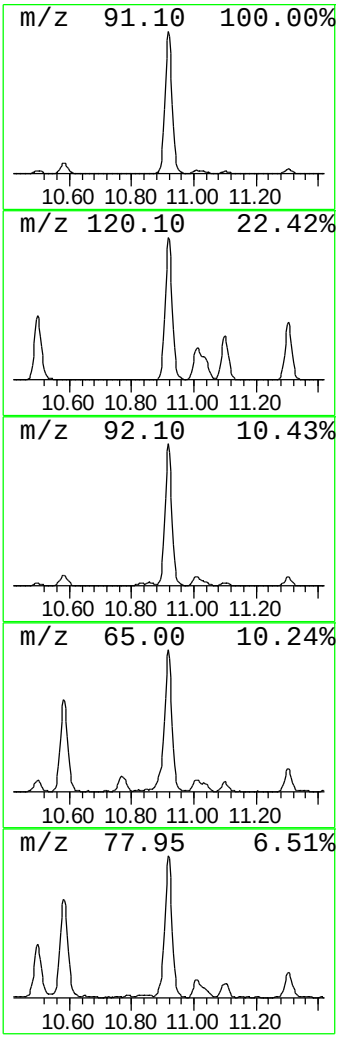
Peak Number 14 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.58 ug/L	1264390	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	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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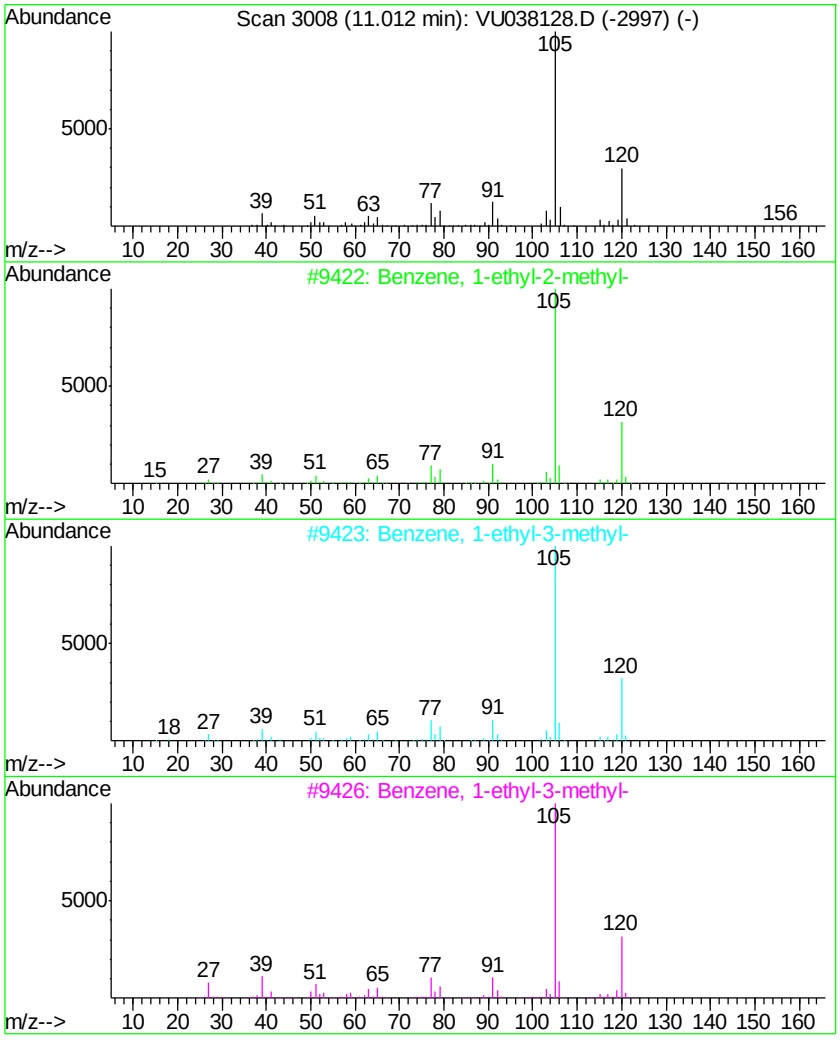
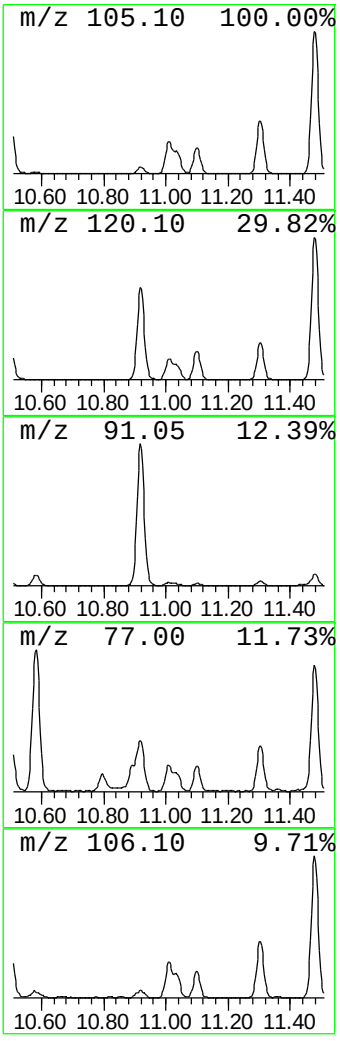
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	0.85 ug/L	233201	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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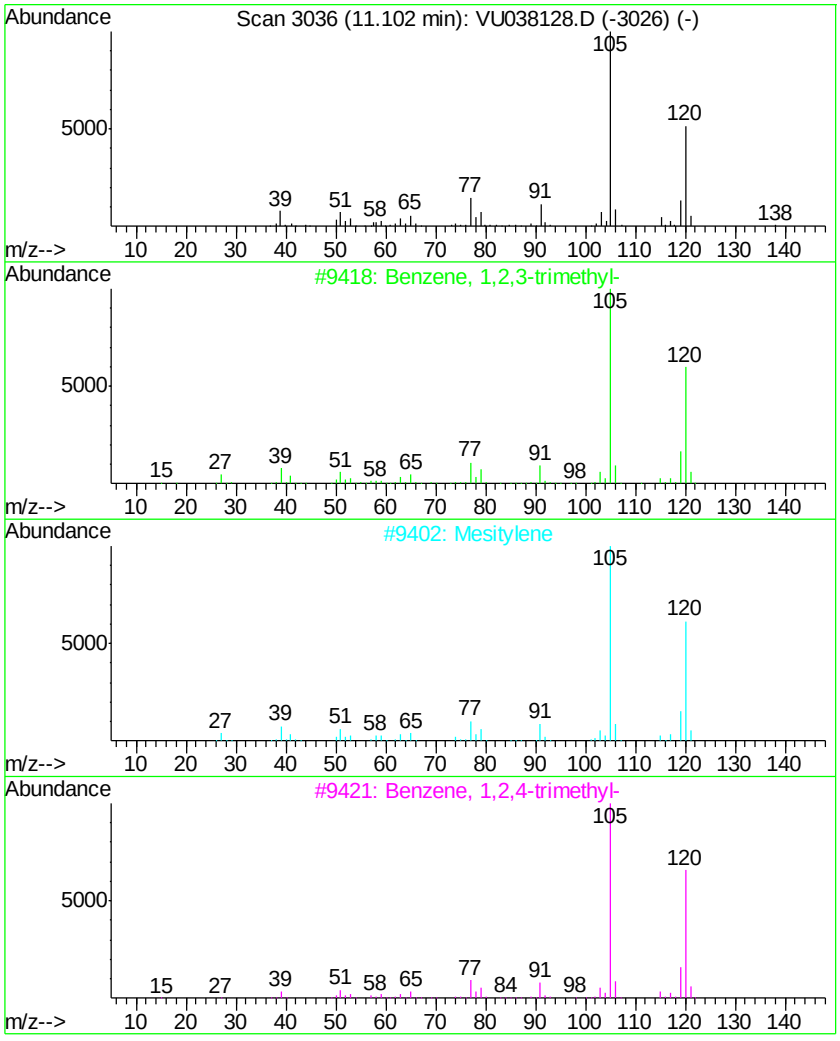
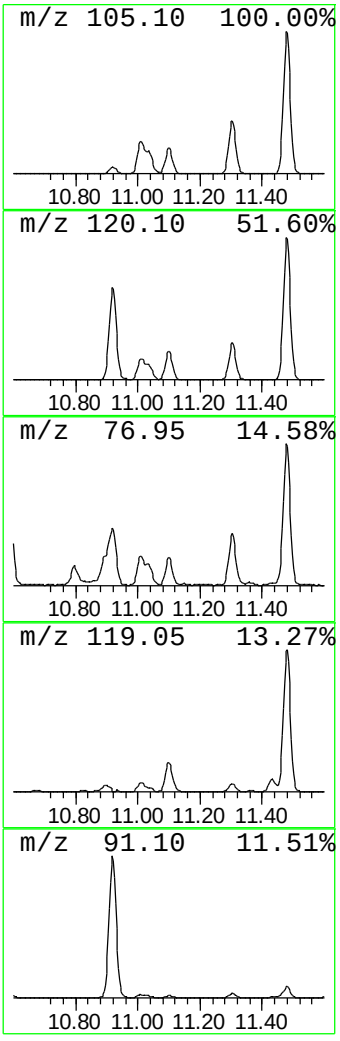
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	0.66 ug/L	182810	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	95
5	Mesitylene	120	C9H12	000108-67-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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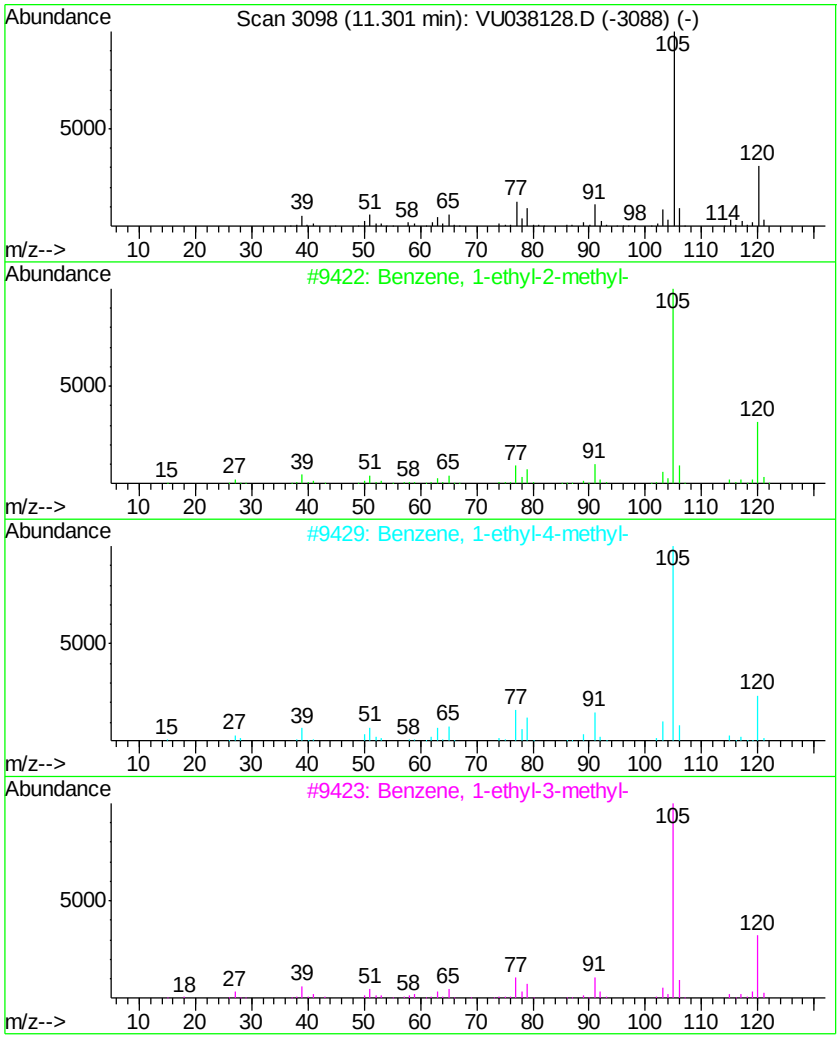
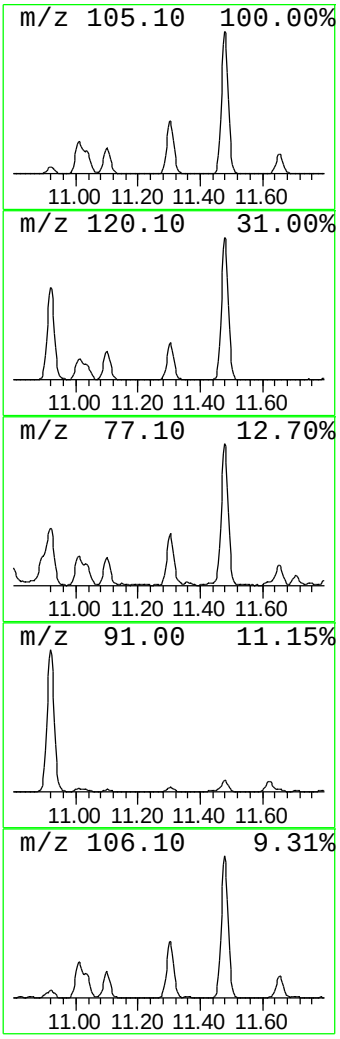
Peak Number 17 Benzene, 1-ethyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	1.23 ug/L	338013	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

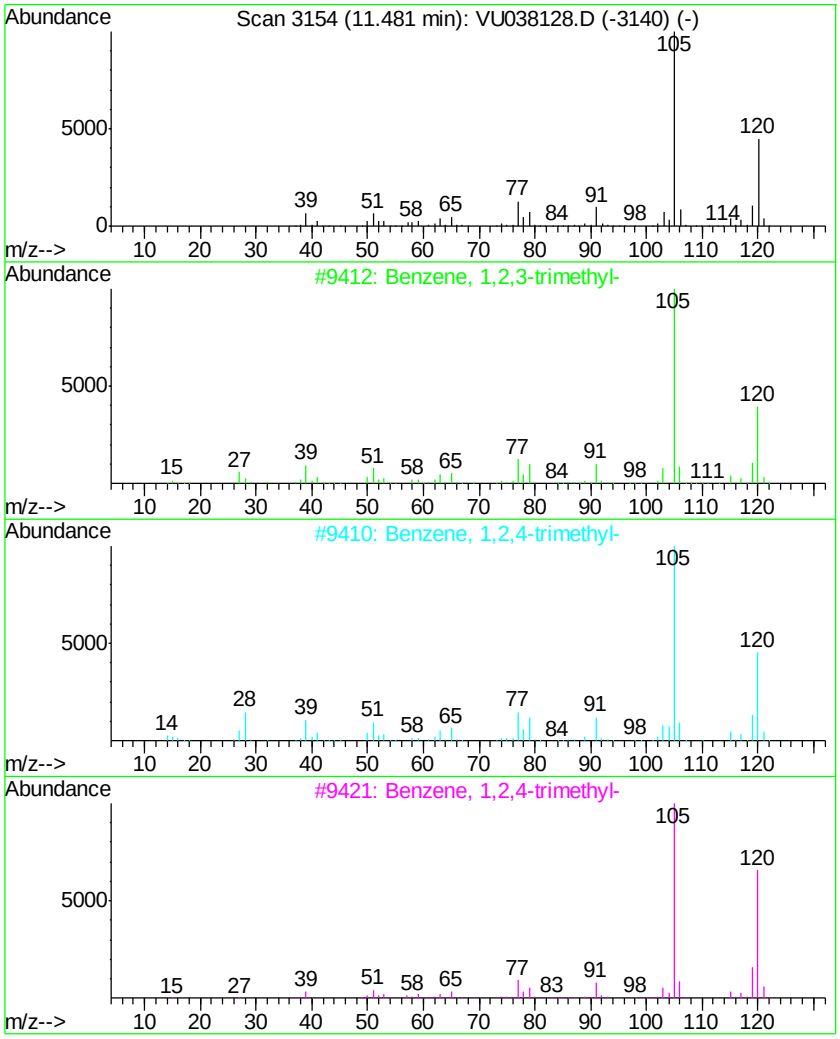
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

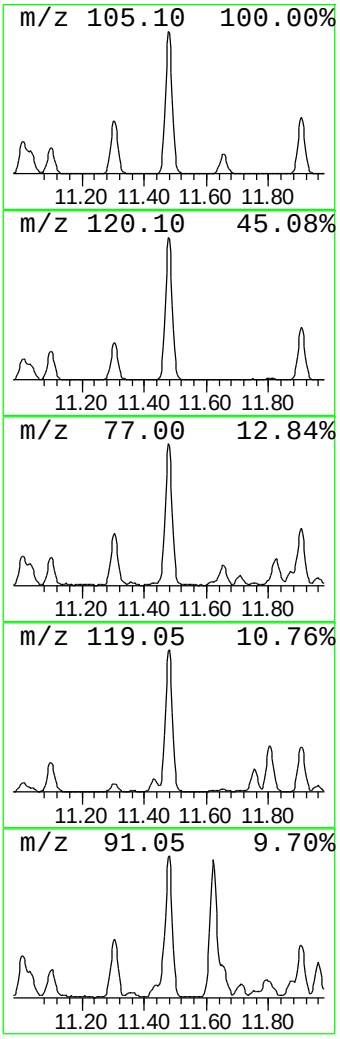
****

Peak Number 18 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.73 ug/L	1029480	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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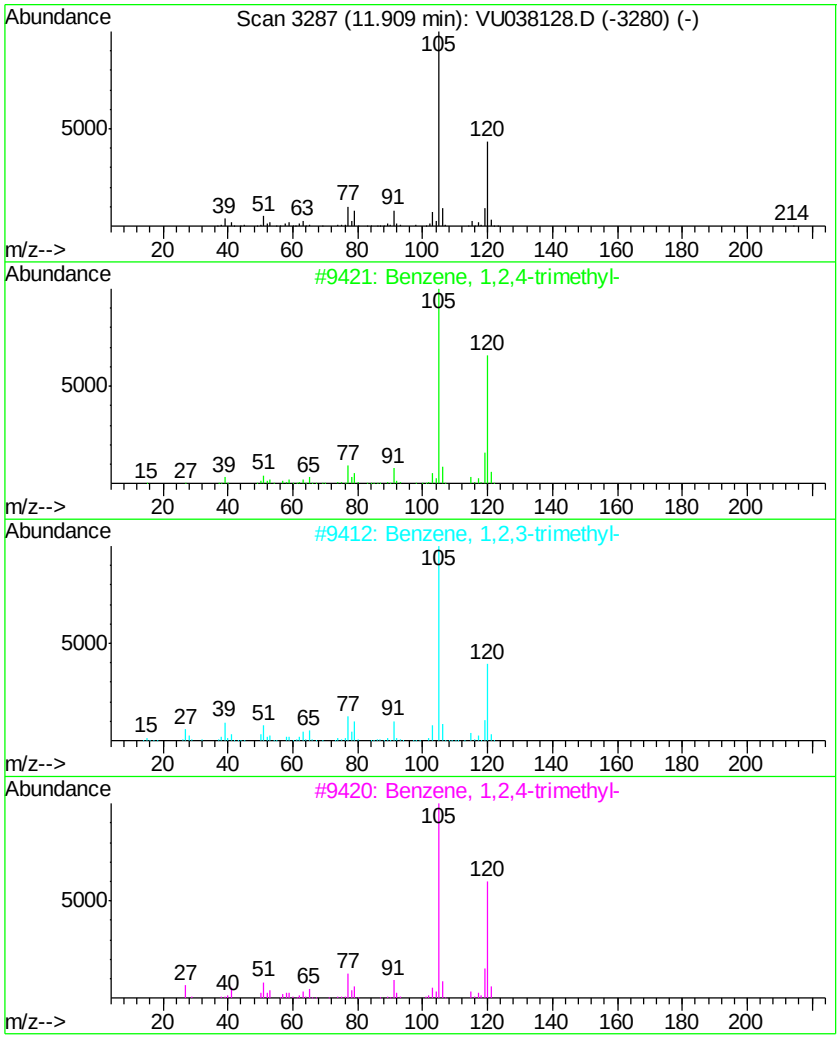
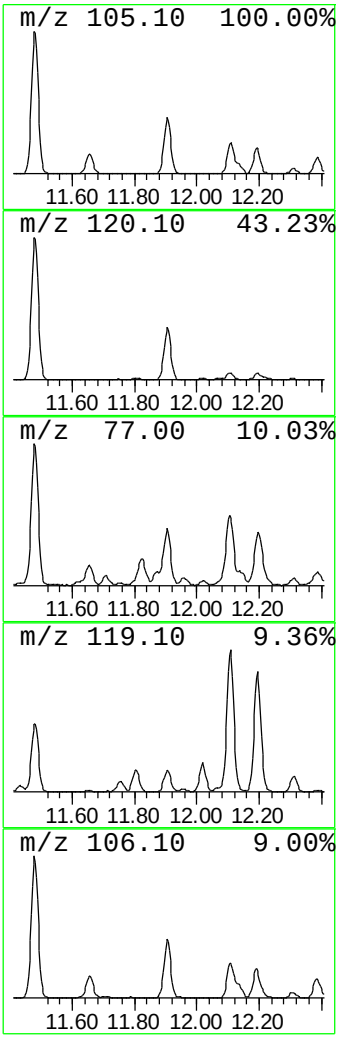
Peak Number 19 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	1.28 ug/L	352900	1,4-Dichlorobenzene-d4	11.82

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





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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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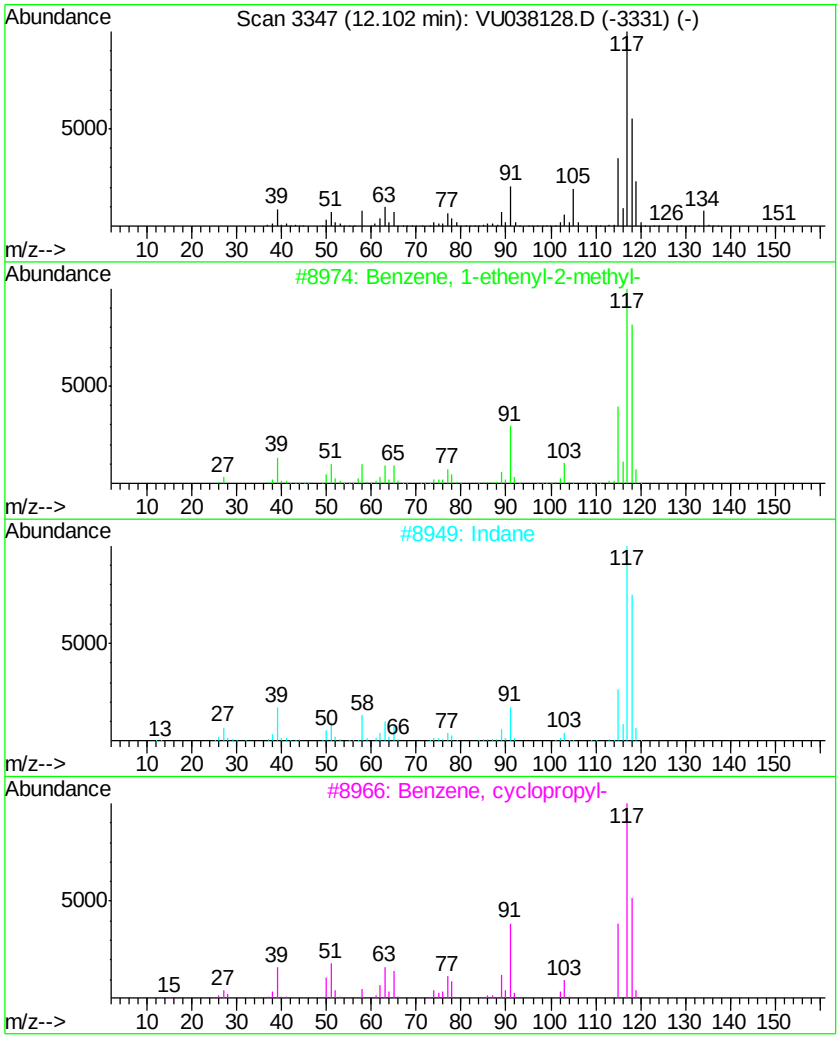
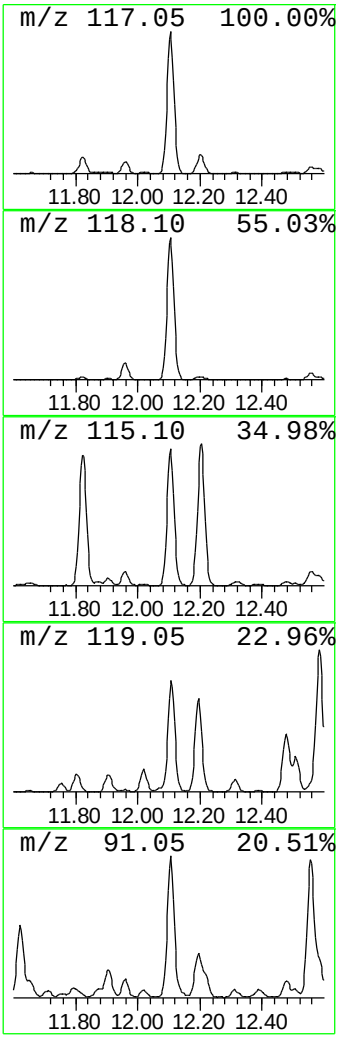
Peak Number 20 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.06 ug/L	1395310	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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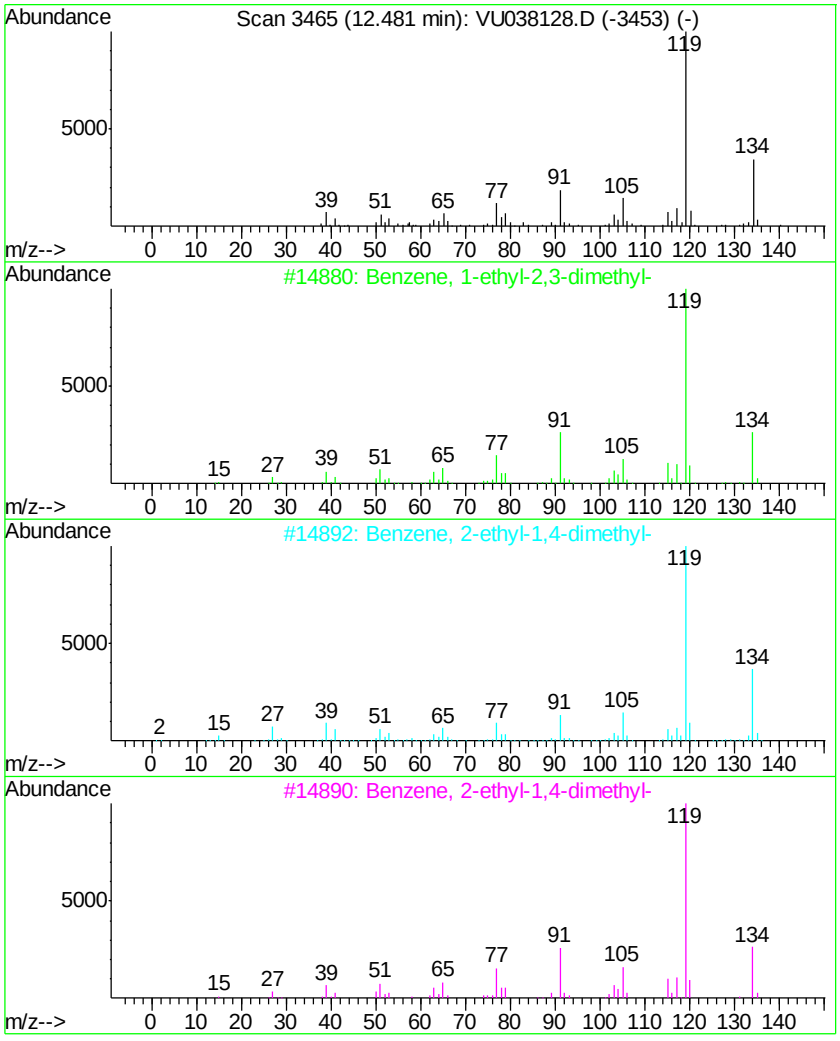
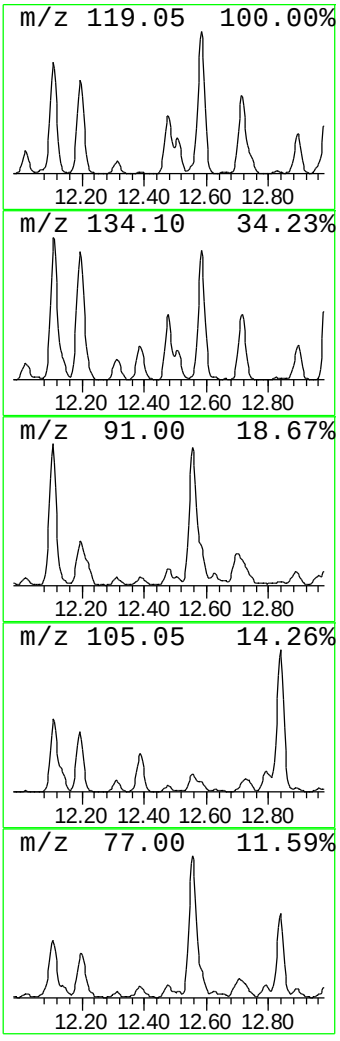
Peak Number 21 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	0.53 ug/L	146874	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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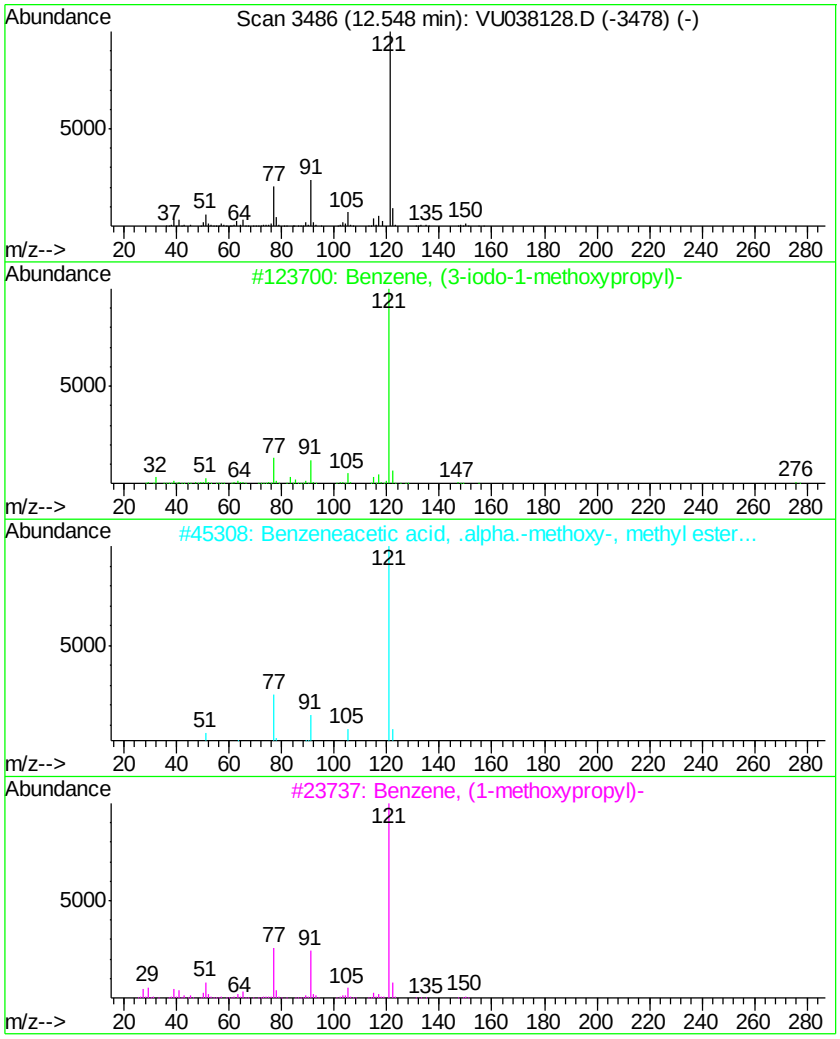
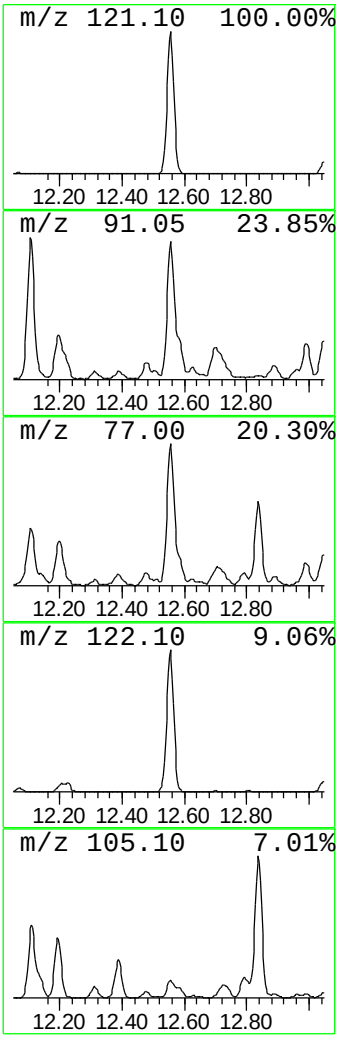
Peak Number 22 Benzene, (3-iodo-1-methoxyp... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.44 ug/L	673023	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-iodo-1-methoxypropyl)-	276	C10H13IO	1000327-31-9	72
2	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72
3	Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	68
4	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	64
5	Benzene, (3-iodo-1-methoxybutyl)-	290	C11H15IO	1000327-38-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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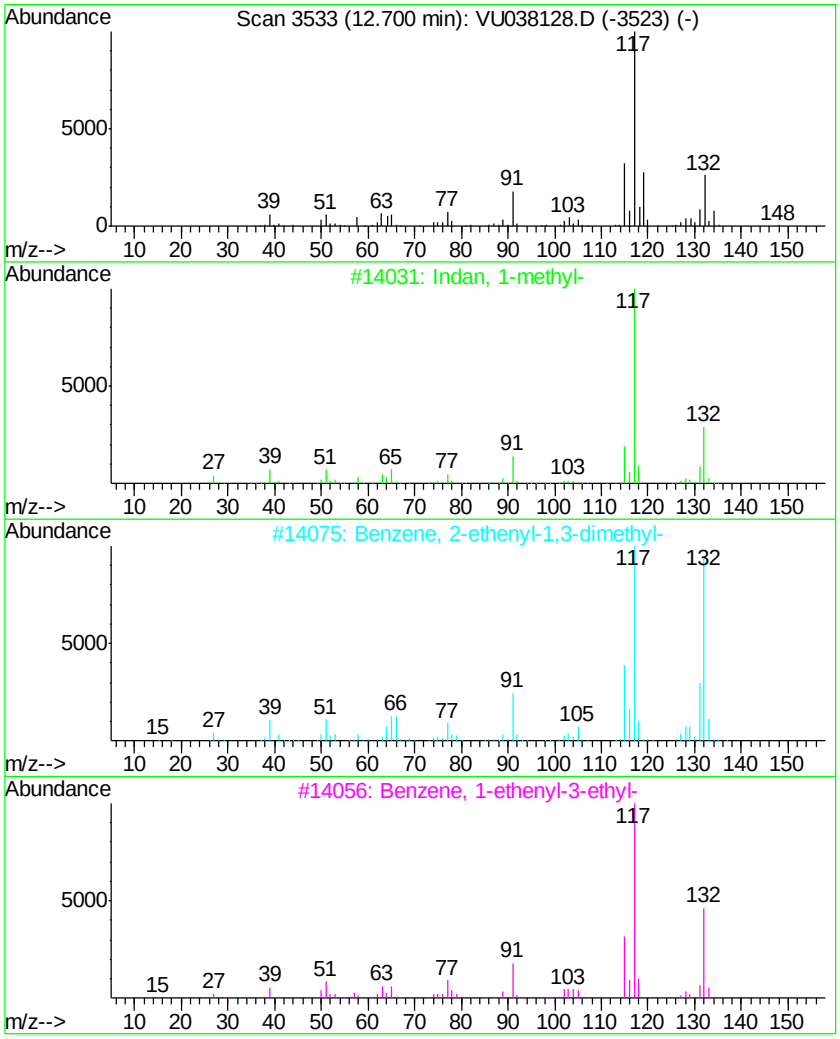
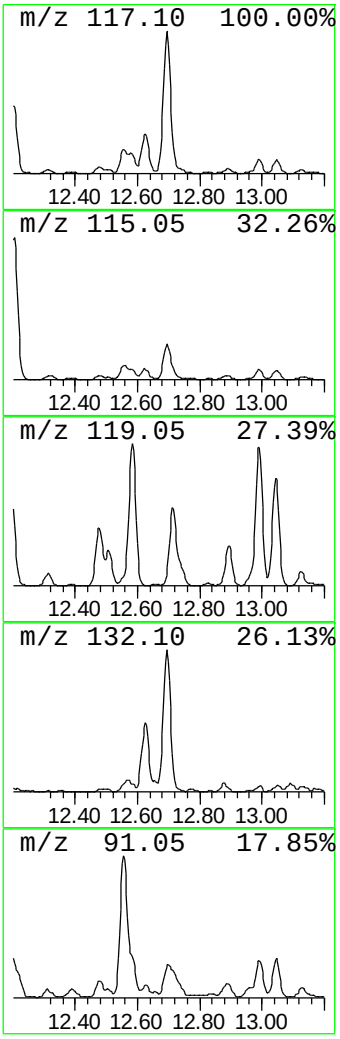
Peak Number 23 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	1.60 ug/L	442179	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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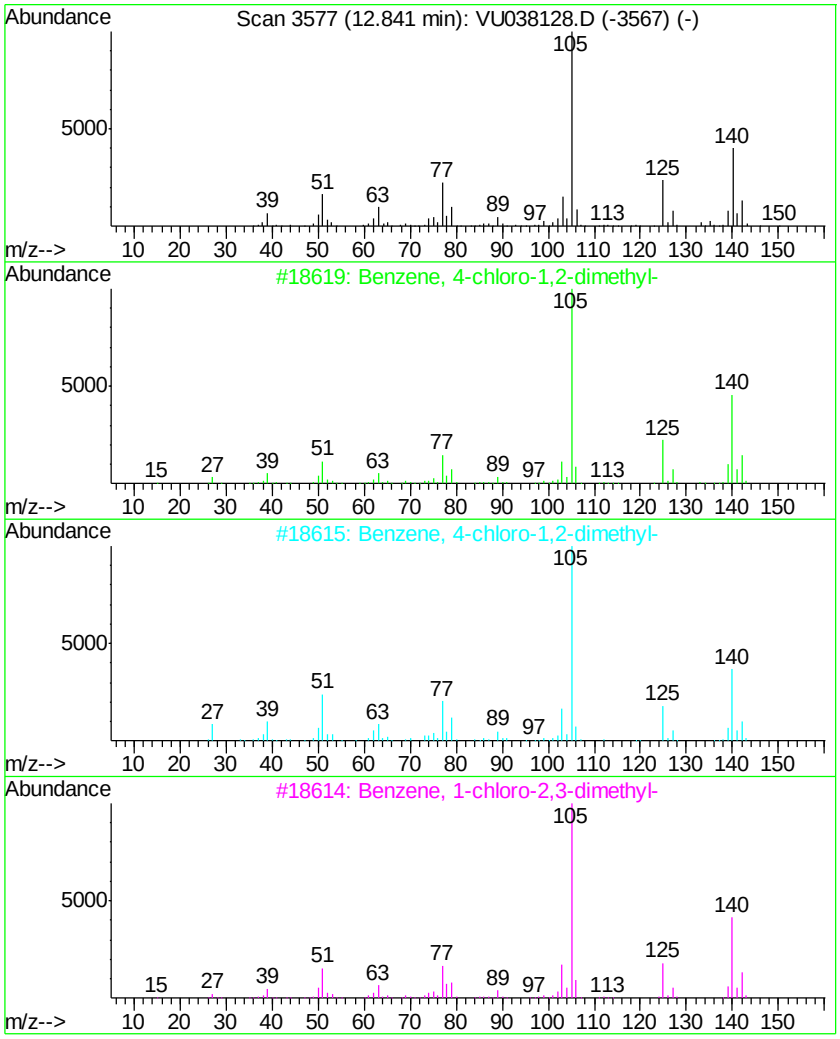
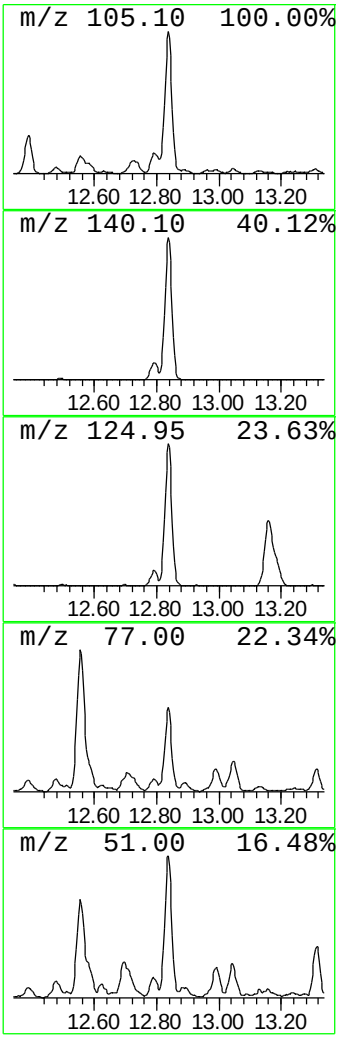
Peak Number 24 Benzene, 4-chloro-1,2-dimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	1.94 ug/L	536406	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	95
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	95
3	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	94
4	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	94
5	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94





Library Search Compound Report

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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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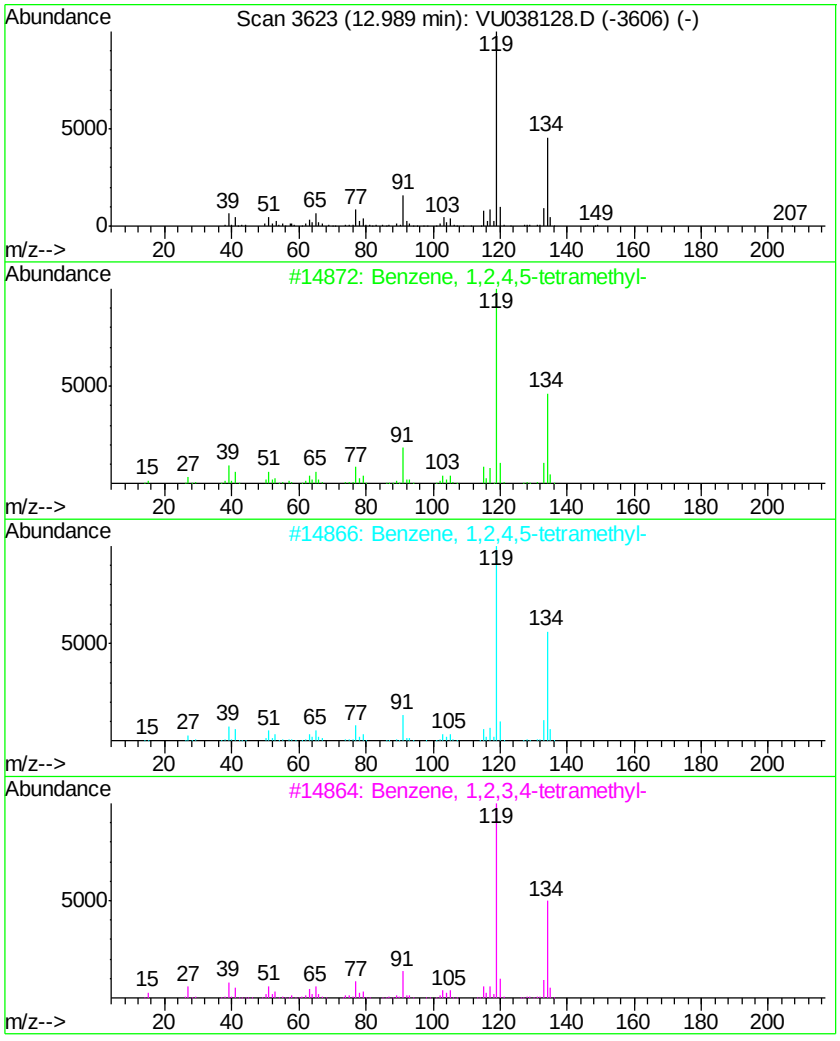
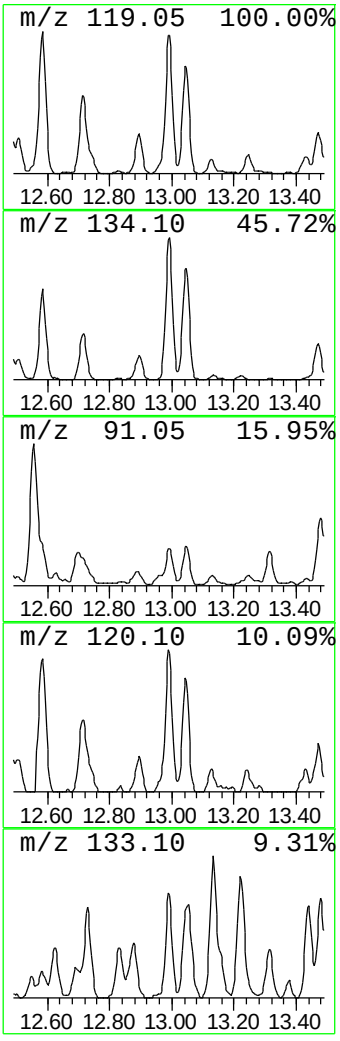
Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	1.26 ug/L	347564	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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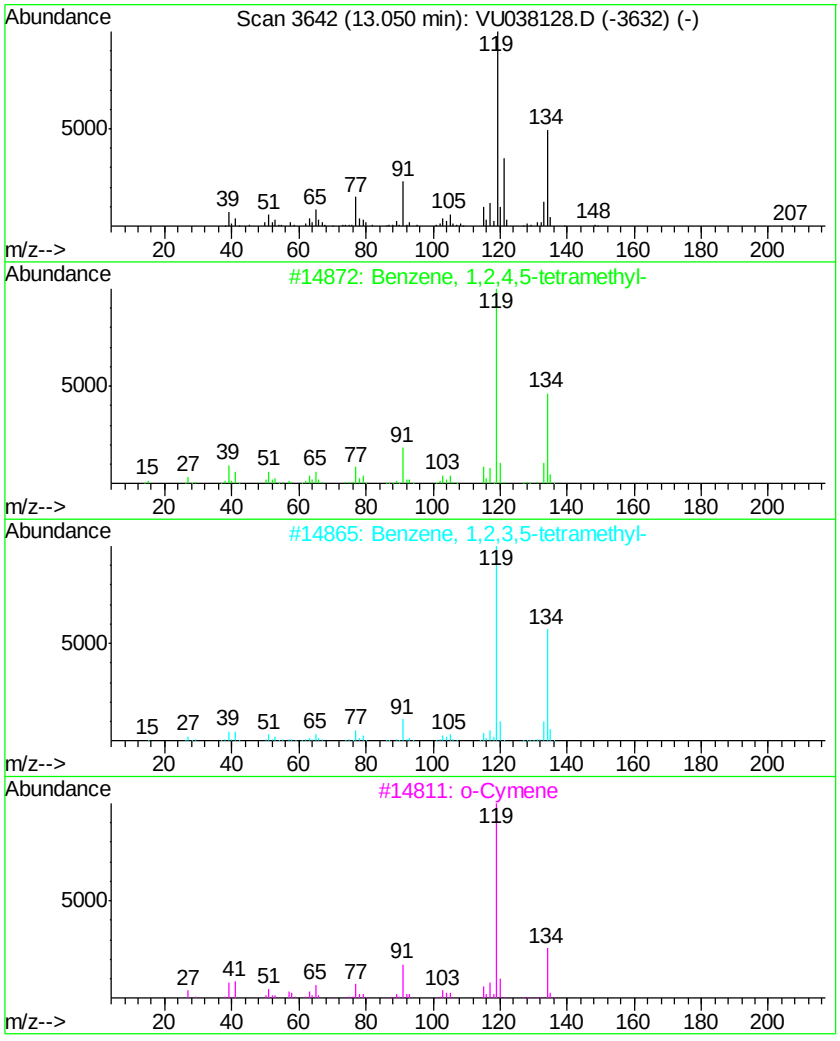
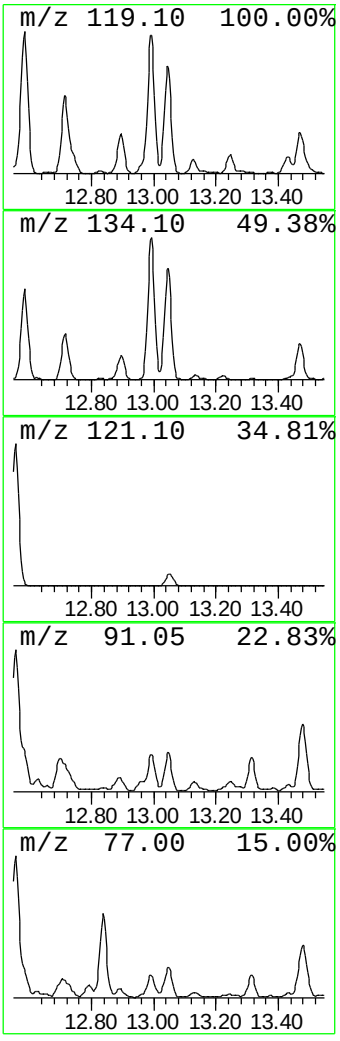
Peak Number 26 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	1.12 ug/L	309281	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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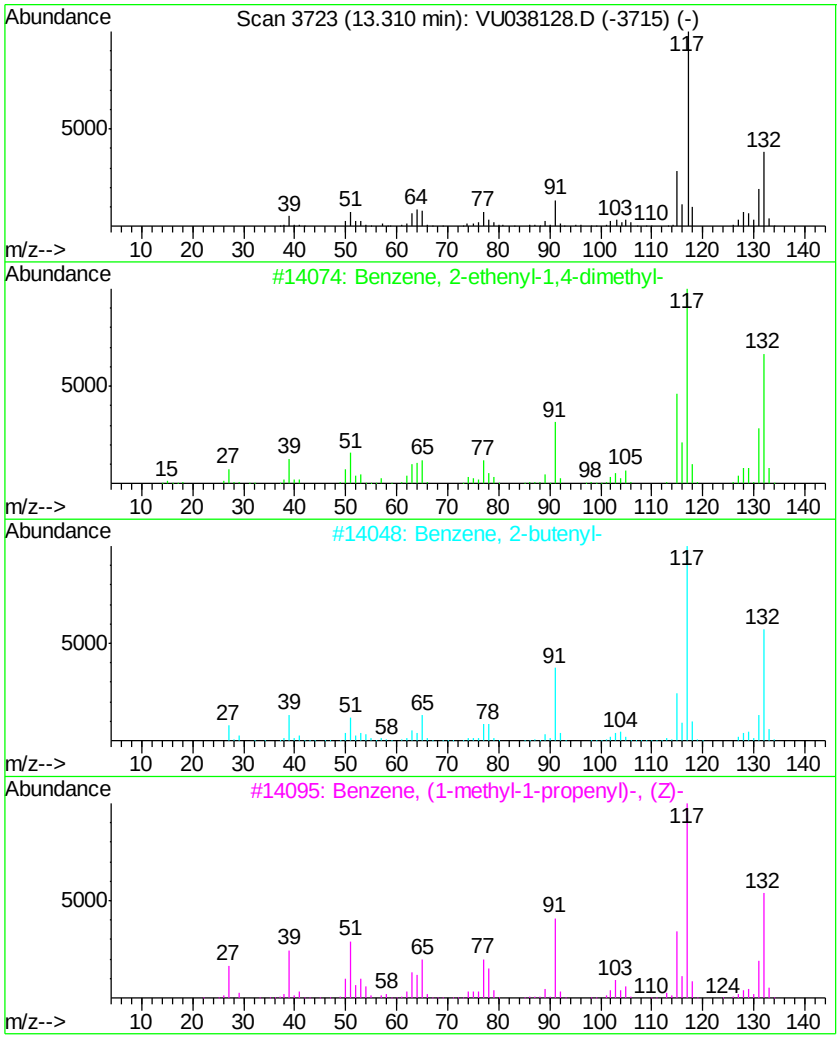
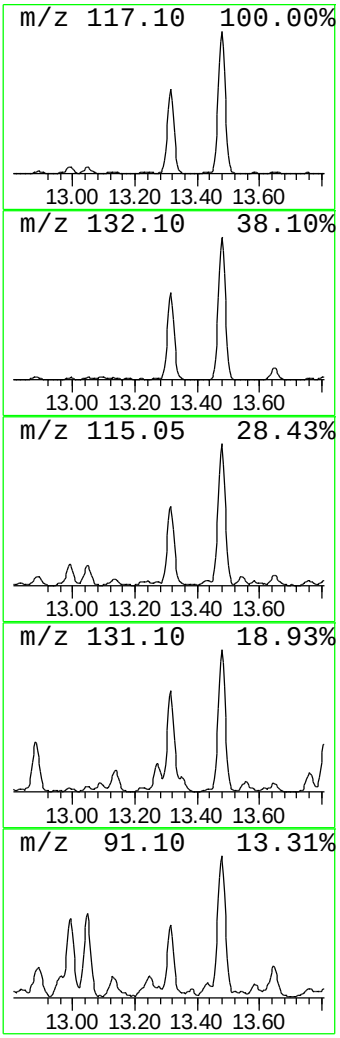
Peak Number 27 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	1.32 ug/L	365162	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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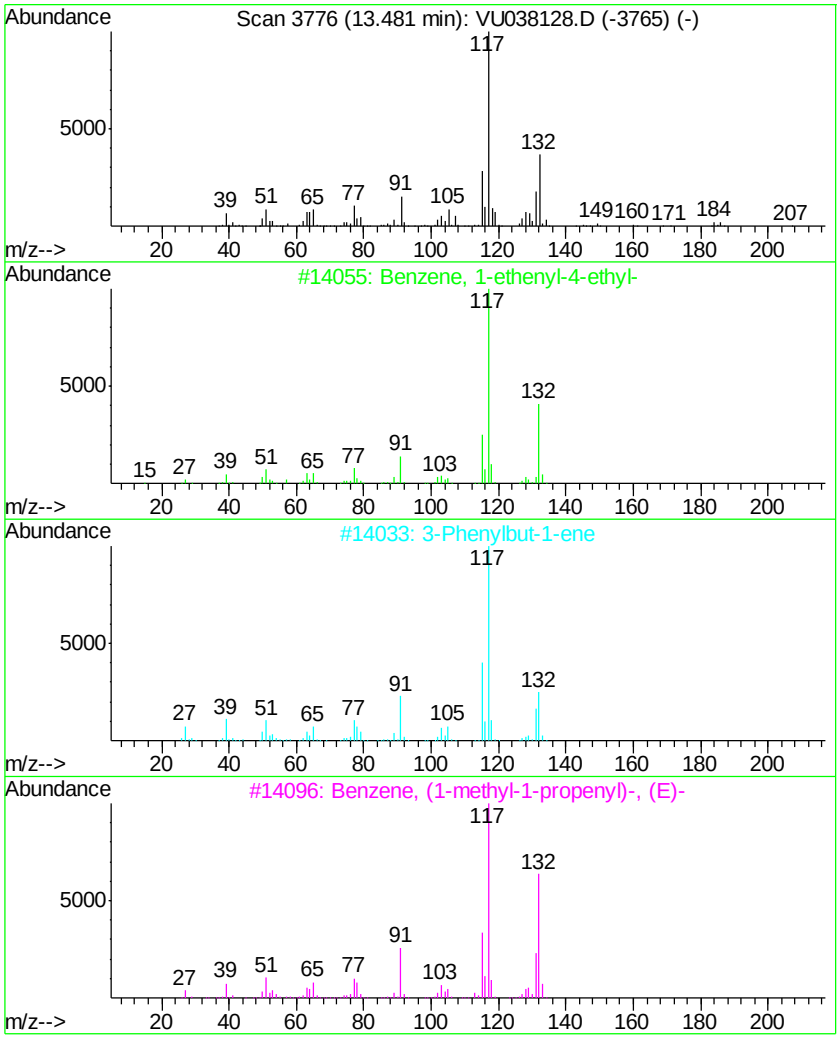
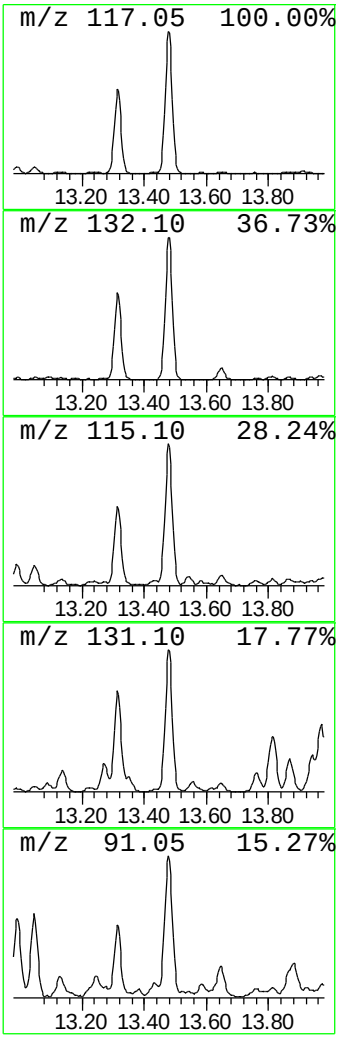
Peak Number 28 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.04 ug/L	839678	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

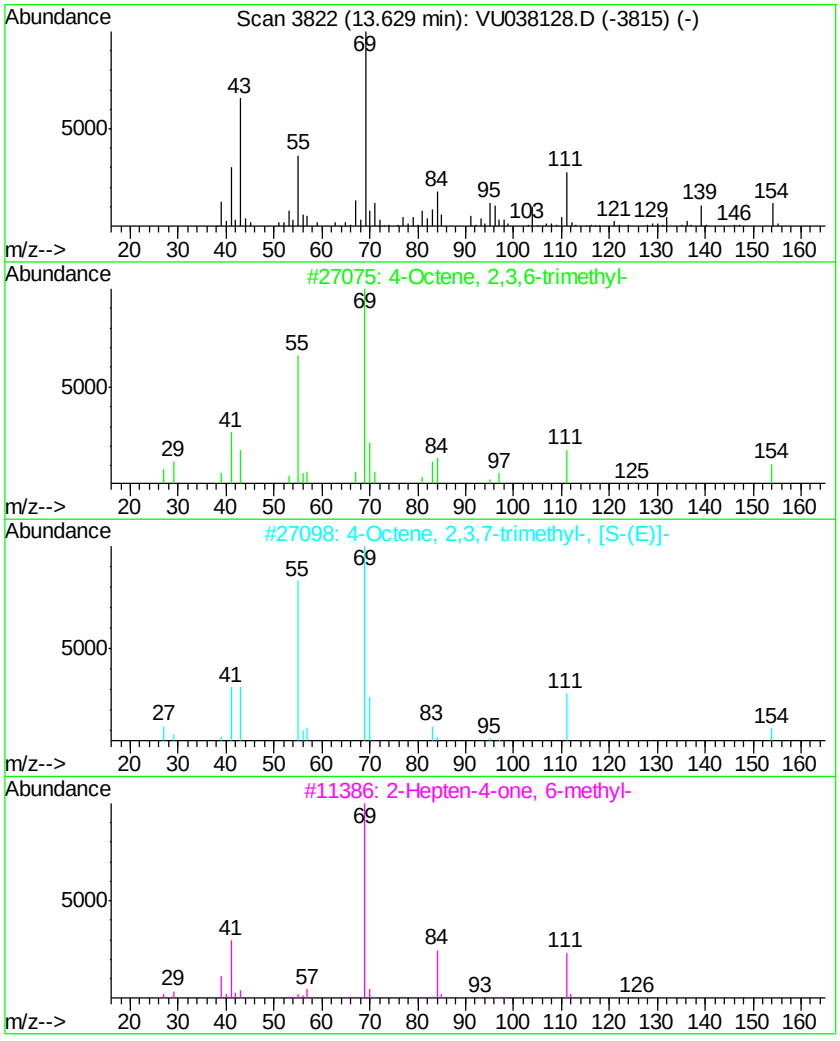
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

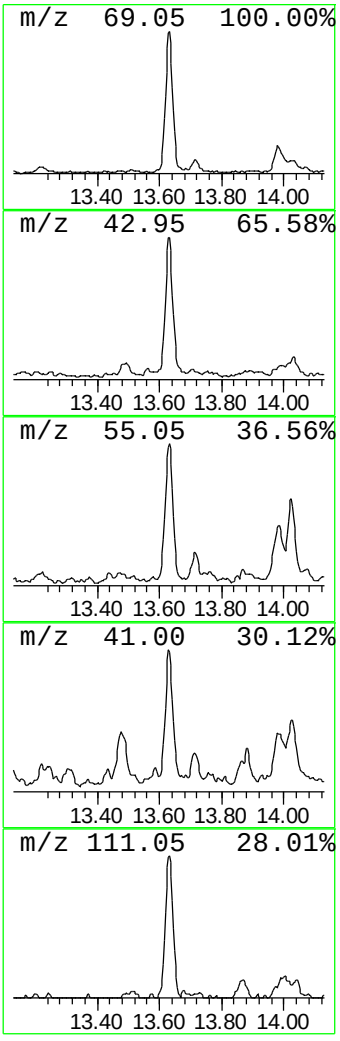
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.90 ug/L	247266	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	64
2	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	50
3	2-Hepten-4-one, 6-methyl-	126	C8H14O	049852-35-9	50
4	3-Ethyl-4-octene	140	C10H20	019781-32-9	47
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	47





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Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

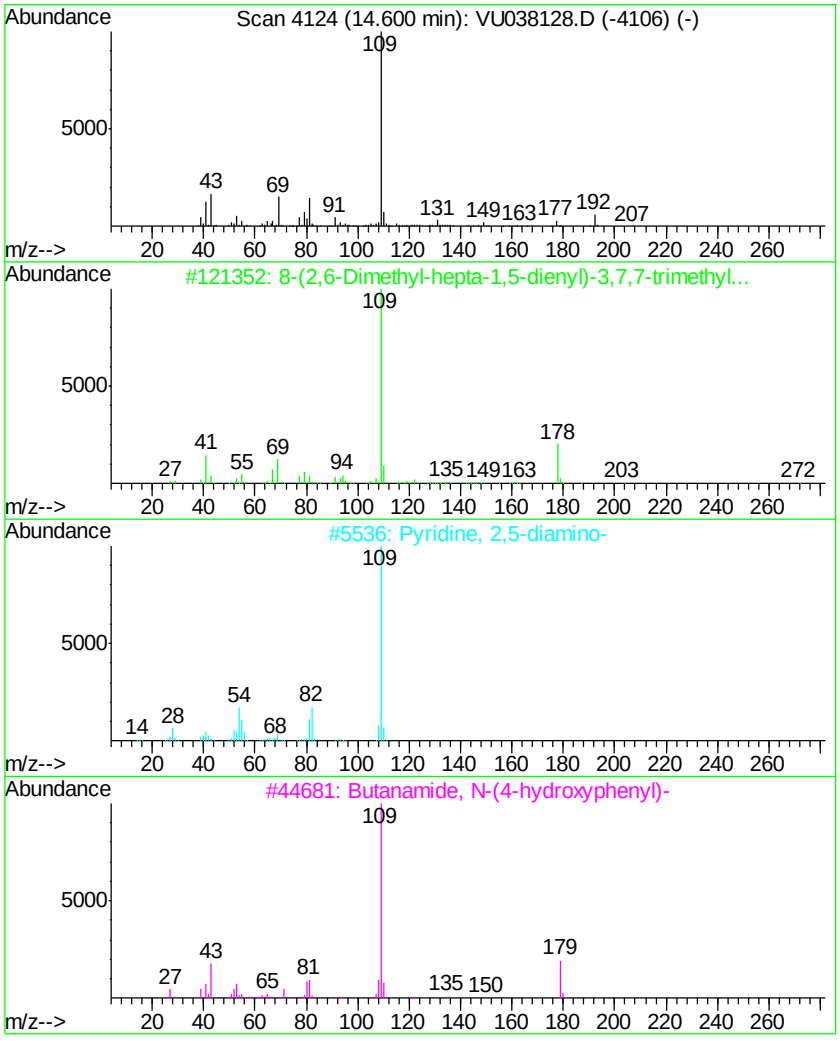
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

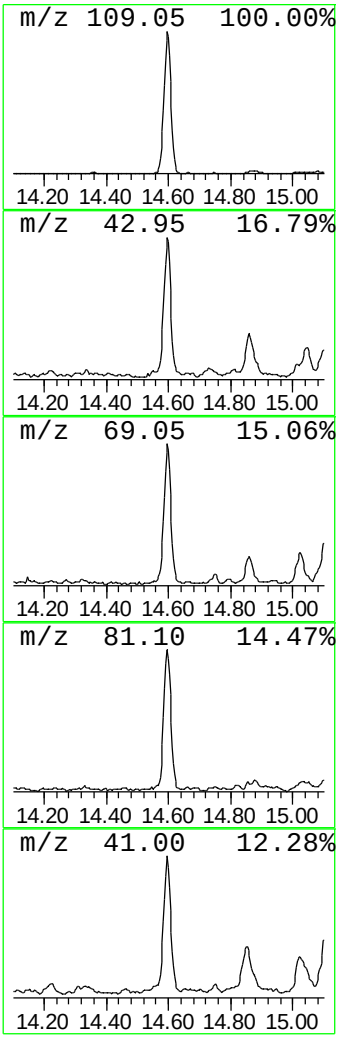
****

Peak Number 30 8-(2,6-Dimethyl-hepta-1,5-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	1.41 ug/L	388899	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	113725-56-7	64
2	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	64
3	Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	59
4	1,2-Benzenediol, O-(ethoxycarbon...	264	C13H12O6	1000329-71-6	56
5	Pyridine, 3-methoxy-	109	C6H7NO	007295-76-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

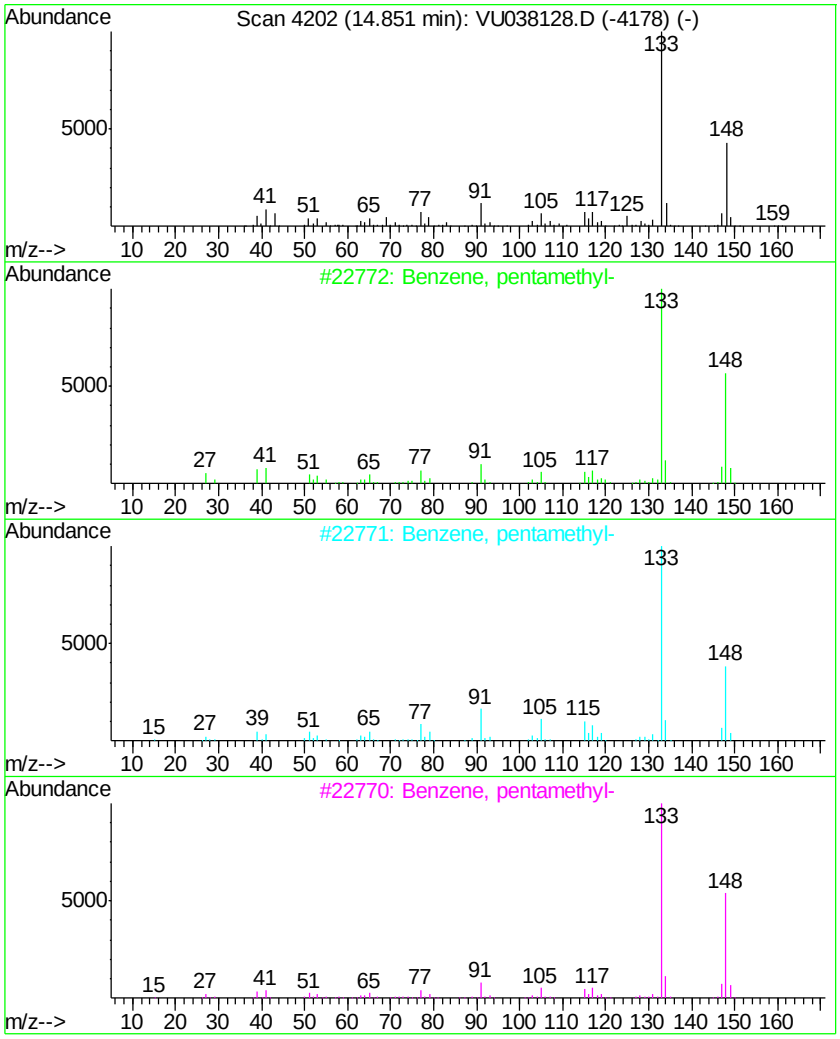
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

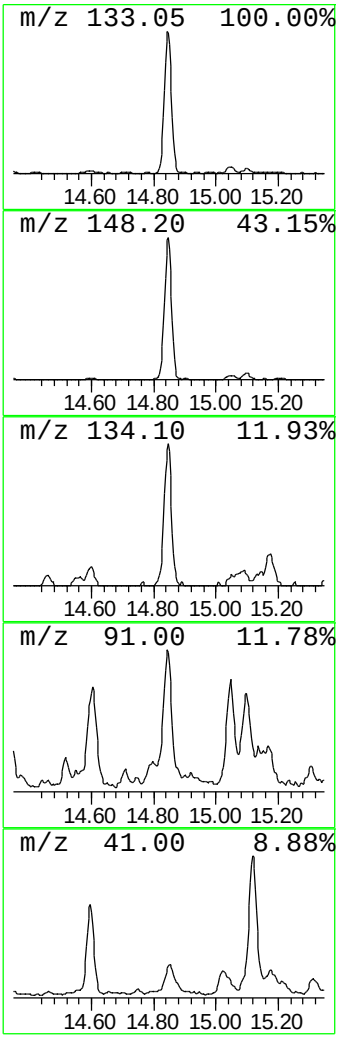
****

Peak Number 31 Benzene, pentamethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.13 ug/L	312449	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

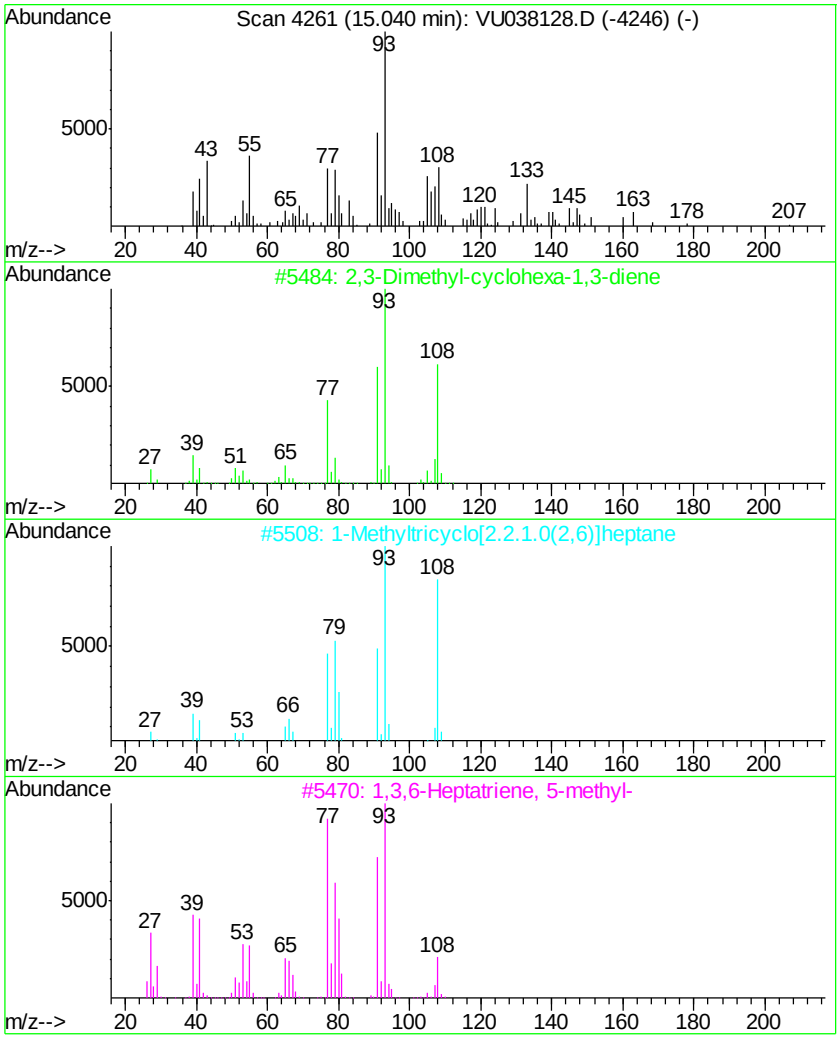
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

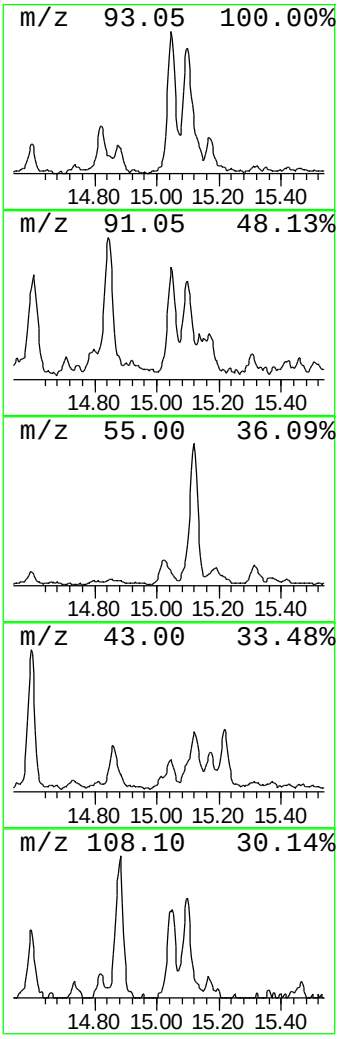
****

Peak Number 32 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	0.60 ug/L	164518	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-cyclohexa-1,3-diene	108	C8H12	004430-91-5	46
2	1-Methyltricyclo[2.2.1.0(2,6)]he...	108	C8H12	004601-85-8	43
3	1,3,6-Heptatriene, 5-methyl-	108	C8H12	000925-52-0	43
4	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	43
5	1,3,6-Heptatriene, 5-methyl-, (E)-	108	C8H12	000818-48-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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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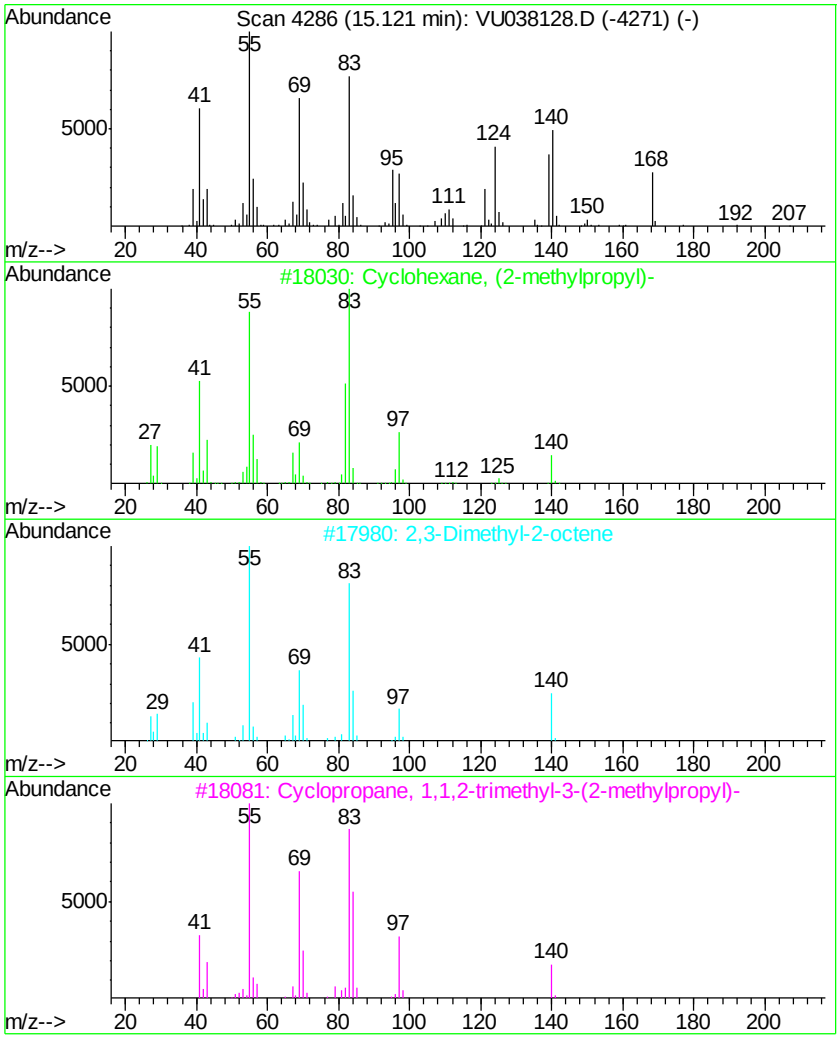
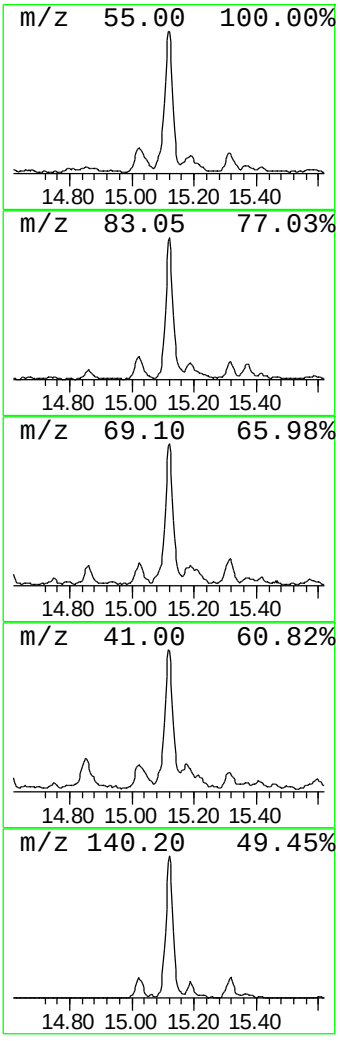
Peak Number 33 (DEL) Alkane: Cyclic15.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	1.57 ug/L	433398	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	55
2	2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	55
3	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	49
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
5	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

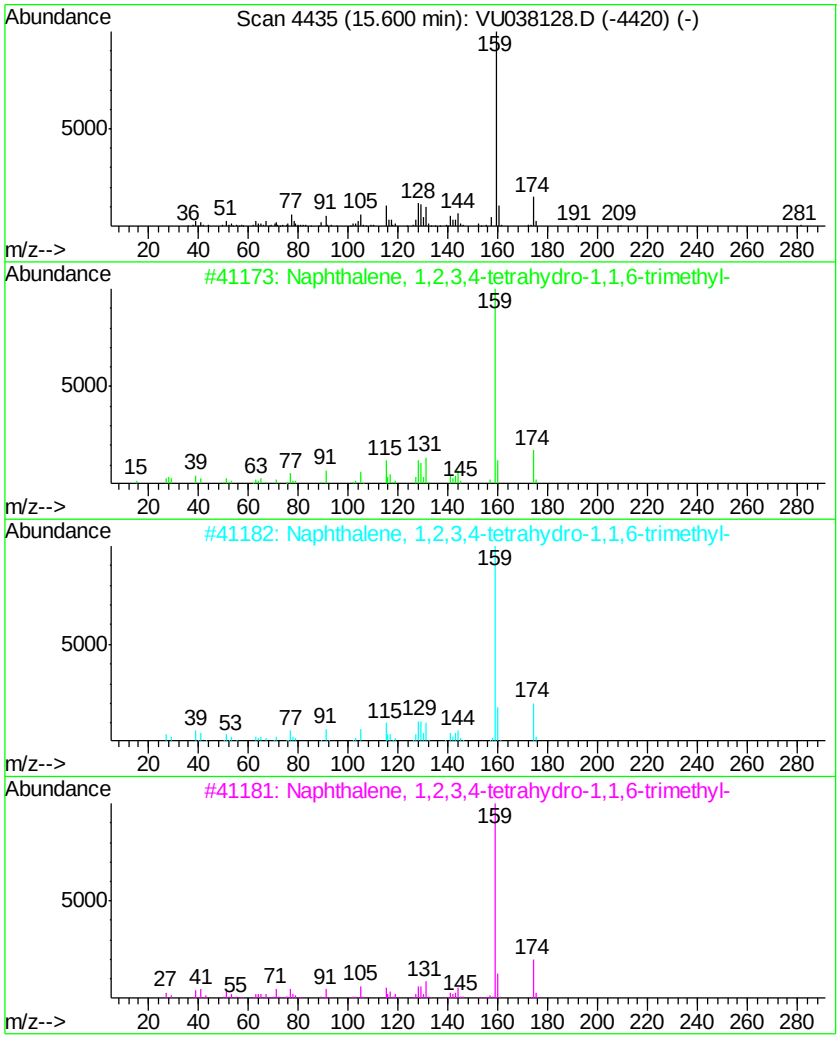
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

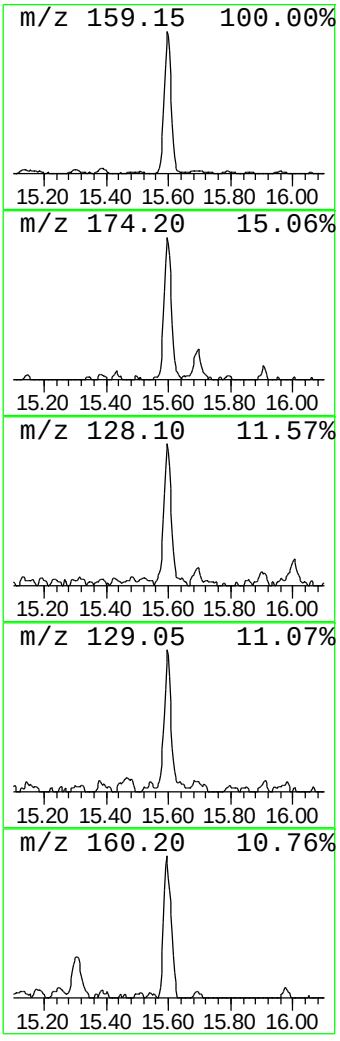
****

Peak Number 34 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	0.71 ug/L	194562	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

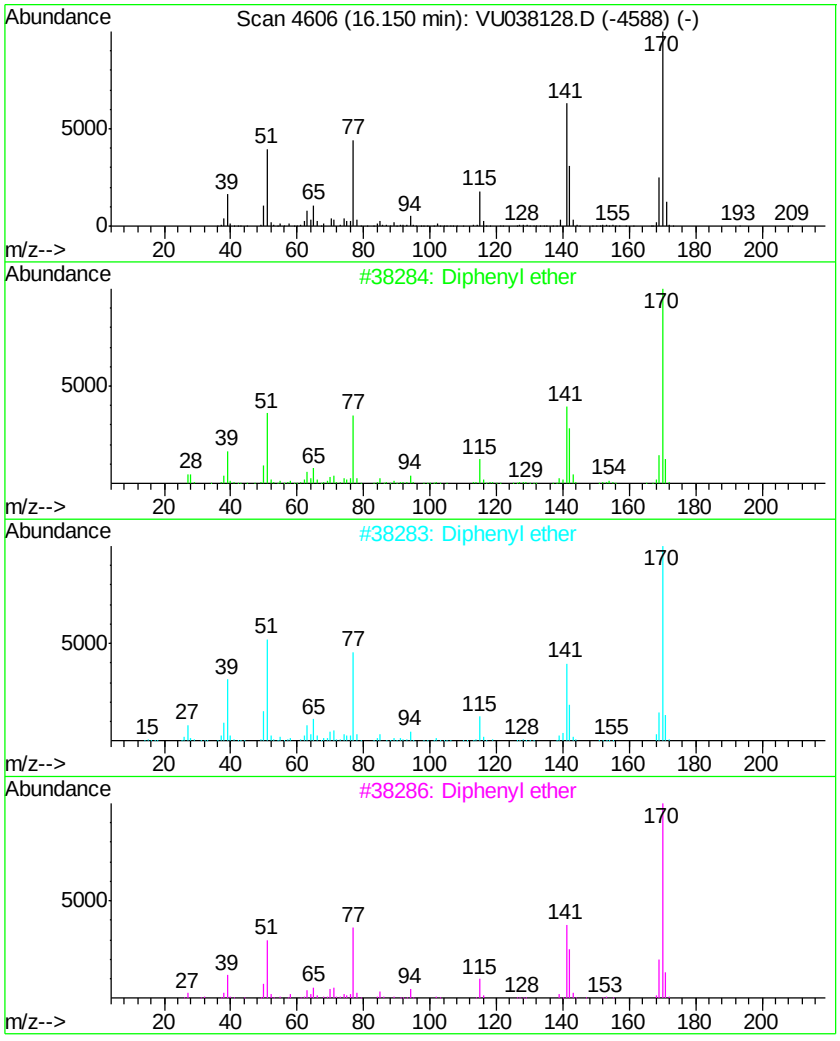
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

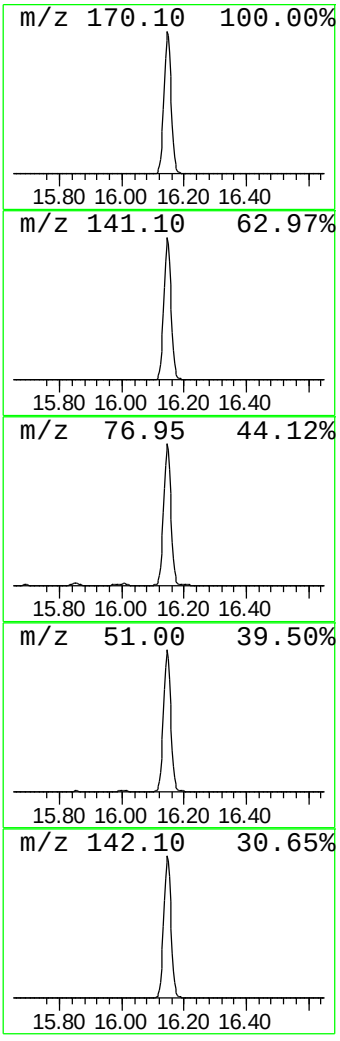
****

Peak Number 35 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	7.62 ug/L	2102960	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	91
2	Diphenyl ether	170	C12H10O	000101-84-8	90
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Diphenyl ether	170	C12H10O	000101-84-8	74
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

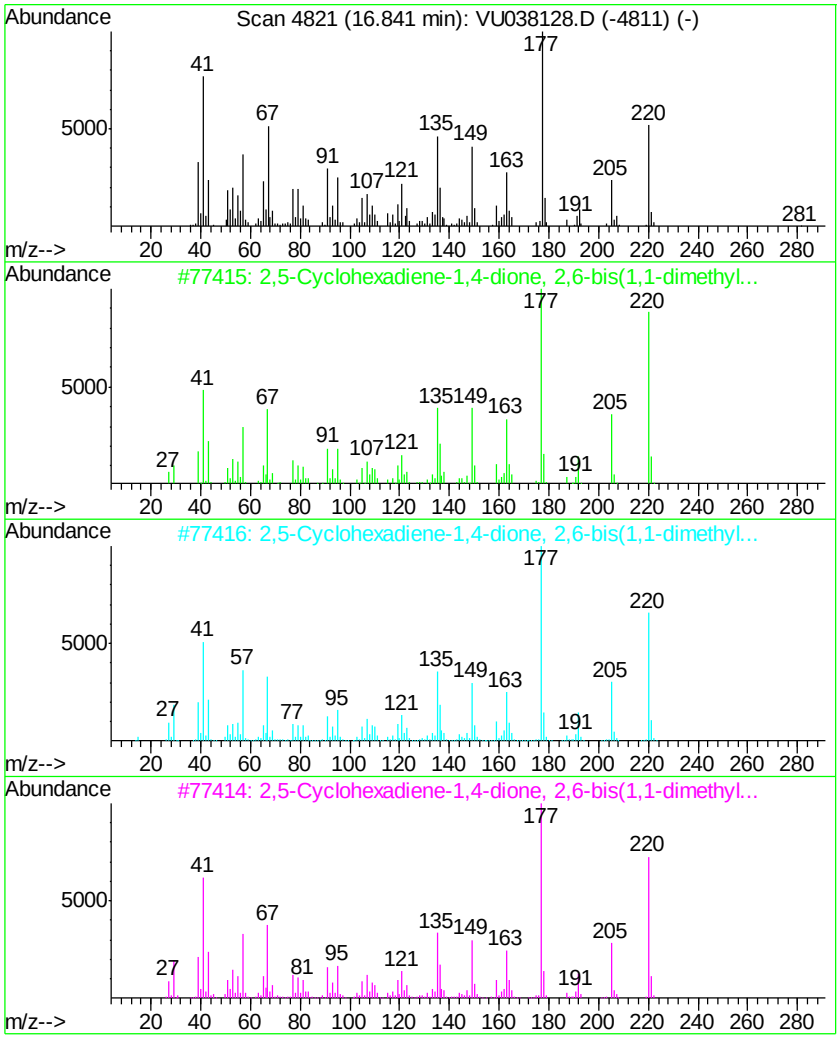
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

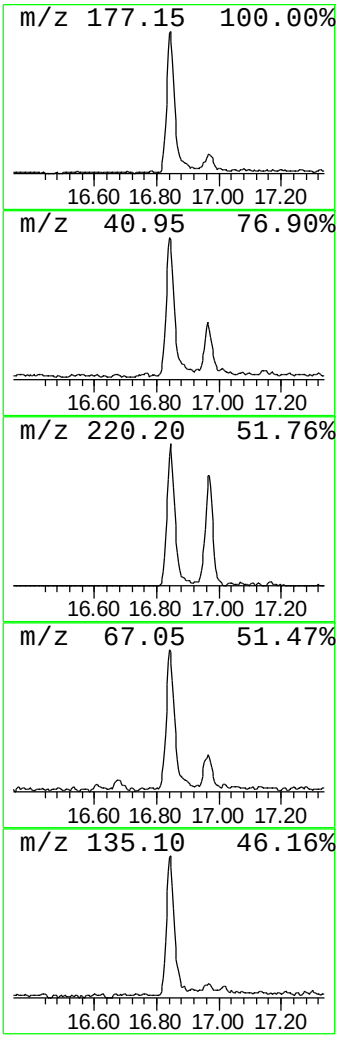
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	1.52 ug/L	419398	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
4	Thiocoumarin, 4,4,6,8-tetramethyl-	220	C13H16OS	1000128-90-3	38
5	Propanamine, 2-(1-adamantyl)-2-m...	207	C14H25N	079594-24-4	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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

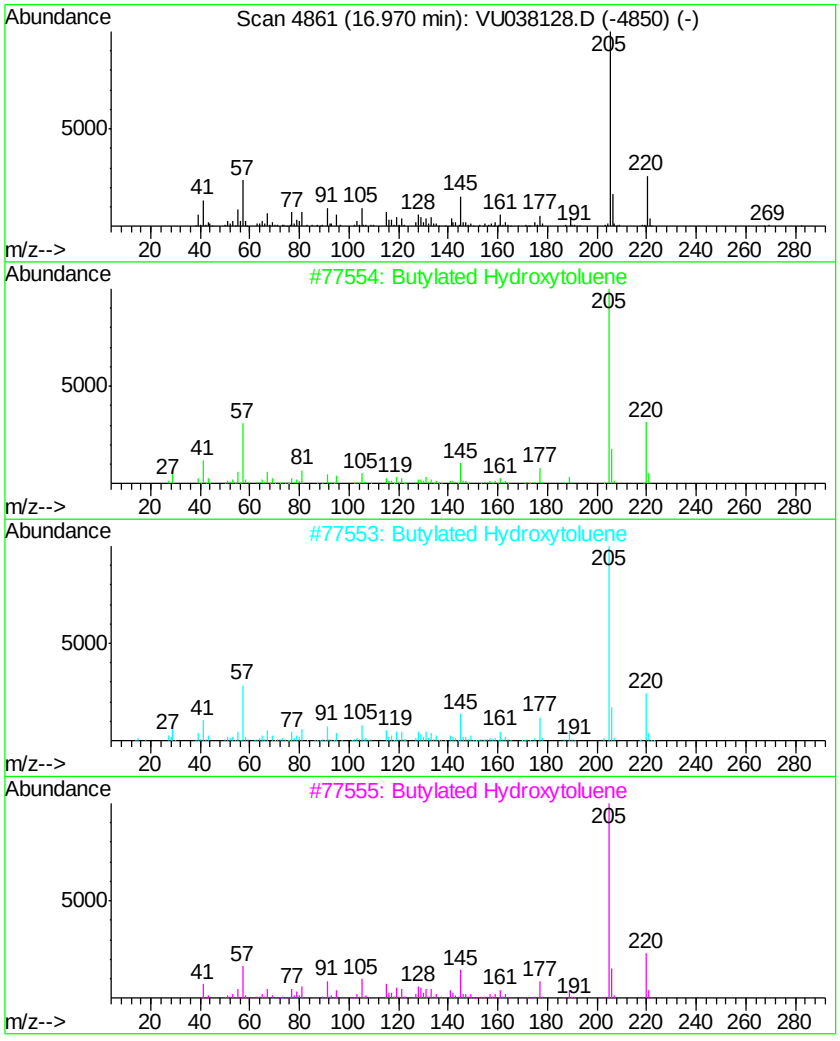
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

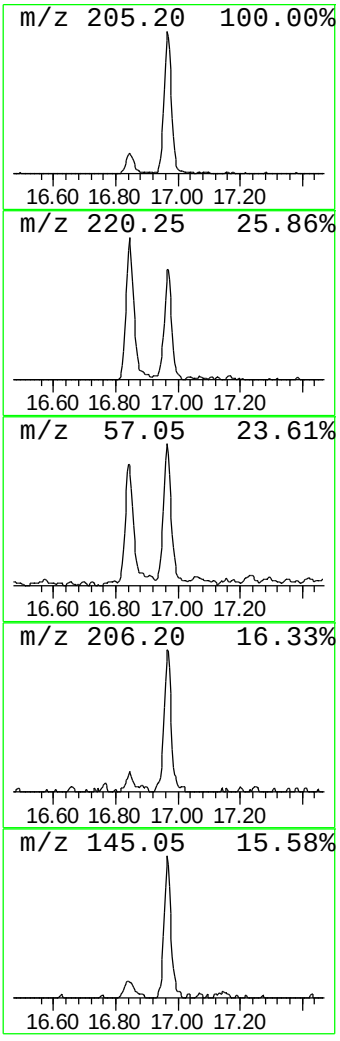
****

Peak Number 37 Butylated Hydroxytoluene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	0.81 ug/L	222662	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
Data File : VU038128.D
Acq On : 12 May 2020 16:45
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSP5

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
unknown-01	2.40	1.5	ug/L	263919	1	6.28	877343	5.0
(DEL) Alkane: Str...	4.33	0.5	ug/L	93446	1	6.28	877343	5.0
(DEL) Alkane: Str...	4.47	0.5	ug/L	94152	1	6.28	877343	5.0
(DEL) Alkane: Cyc...	4.57	1.4	ug/L	236638	1	6.28	877343	5.0
(DEL) Alkane: Str...	5.17	1.1	ug/L	187208	1	6.28	877343	5.0
(DEL) Alkane: Str...	5.49	2.5	ug/L	447982	1	6.28	877343	5.0
(DEL) Alkane: Str...	5.63	0.8	ug/L	138915	1	6.28	877343	5.0
(DEL) Alkane: Cyc...	5.67	0.6	ug/L	99329	1	6.28	877343	5.0
1-Butanol, 2-ethyl-	5.88	1.8	ug/L	321673	1	6.28	877343	5.0
(DEL) Alkane: Cyc...	5.95	0.9	ug/L	163870	1	6.28	877343	5.0
(DEL) Alkane: Str...	6.02	0.6	ug/L	103789	1	6.28	877343	5.0
1,5-Cyclooctadiene	10.58	2.1	ug/L	1427720	2	9.44	3471490	5.0
Benzene, propyl-	10.92	4.6	ug/L	1264390	3	11.82	1379510	5.0
Benzene, 1-ethyl-...	11.01	0.8	ug/L	233201	3	11.82	1379510	5.0
Benzene, 1,2,3-tr...	11.10	0.7	ug/L	182810	3	11.82	1379510	5.0
Benzene, 1-ethyl-...	11.30	1.2	ug/L	338013	3	11.82	1379510	5.0
Benzene, 1,2,4-tr...	11.48	3.7	ug/L	1029480	3	11.82	1379510	5.0
Mesitylene	11.91	1.3	ug/L	352900	3	11.82	1379510	5.0
Indane	12.10	5.1	ug/L	1395310	3	11.82	1379510	5.0
Benzene, 1-ethyl-...	12.48	0.5	ug/L	146874	3	11.82	1379510	5.0
Benzene, (3-iodo-...	12.55	2.4	ug/L	673023	3	11.82	1379510	5.0
Indan, 1-methyl-	12.70	1.6	ug/L	442179	3	11.82	1379510	5.0
Benzene, 4-chloro...	12.84	1.9	ug/L	536406	3	11.82	1379510	5.0
Benzene, 1,2,4,5-...	12.99	1.3	ug/L	347564	3	11.82	1379510	5.0
Benzene, 1,2,3,5-...	13.05	1.1	ug/L	309281	3	11.82	1379510	5.0
Benzene, 2-etheny...	13.31	1.3	ug/L	365162	3	11.82	1379510	5.0
Benzene, 1-etheny...	13.48	3.0	ug/L	839678	3	11.82	1379510	5.0
(DEL) Alkane: Str...	13.63	0.9	ug/L	247266	3	11.82	1379510	5.0
8-(2,6-Dimethyl-h...	14.60	1.4	ug/L	388899	3	11.82	1379510	5.0
Benzene, pentamet...	14.85	1.1	ug/L	312449	3	11.82	1379510	5.0
unknown-02	15.04	0.6	ug/L	164518	3	11.82	1379510	5.0
(DEL) Alkane: Cyc...	15.12	1.6	ug/L	433398	3	11.82	1379510	5.0
Naphthalene, 1,2,...	15.60	0.7	ug/L	194562	3	11.82	1379510	5.0
Diphenyl ether	16.15	7.6	ug/L	2102960	3	11.82	1379510	5.0
2,5-Cyclohexadien...	16.84	1.5	ug/L	419398	3	11.82	1379510	5.0
Butylated Hydroxy...	16.97	0.8	ug/L	222662	3	11.82	1379510	5.0