LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

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_V\METHOD\SOMVTR111718WMA.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	1.319	63	71	86	rVB	54355	65956	11.93%	1.040%
2	1.585	147	154	170	rVB2	51095	93072	16.84%	1.468%
3	1.978	268	276	290	rBV2	18099	26571	4.81%	0.419%
4	2.132	315	324	335	rVB	92014	130670	23.64%	2.061%
5	3.807	834	845	858	rVB3	3754	8213	1.49%	0.130%
6	3.974	880	897	958	rBV3	45823	256498	46.40%	4.045%
7	4.405	1013	1031	1053	rBV	86795	207287	37.49%	3.269%
8	4.724	1116	1130	1146	rVB2	8772	21510	3.89%	0.339%
9	5.100	1227	1247	1256	rBV2	213697	505102	91.36%	7.965%
10	5.148	1256	1262	1286	rVB	131848	270327	48.90%	4.263%
11	5.666	1410	1423	1450	rVB	191744	375213	67.87%	5.917%
12	5.997	1518	1526	1537	rVB6	4037	7139	1.29%	0.113%
13	6.122	1552	1565	1579	rBV2	117384	235547	42.61%	3.714%
14	7.032	1833	1848	1864	rBV	58676	105392	19.06%	1.662%
15	7.196	1887	1899	1914	rVB4	7139	14743	2.67%	0.232%
16	7.360	1937	1950	1966	rBV	246964	420689	76.10%	6.634%
17	7.669	2032	2046	2065	rBV	34110	61352	11.10%	0.967%
18	8.141	2179	2193	2222	rBV	262784	504999	91.35%	7.964%
19	8.267	2223	2232	2247	rVV7	22617	54532	9.86%	0.860%
20	8.900	2417	2429	2433	rBV	271246	435368	78.75%	6.866%
21	9.109	2484	2494	2503	rBV3	3887	6254	1.13%	0.099%
22	9.186	2503	2518	2527	rVB9	7216	14950	2.70%	0.236%
23	9.276	2530	2546	2562	rBV3	13527	25515	4.62%	0.402%
24	9.592	2636	2644	2655	rBV8	3442	7254	1.31%	0.114%
25	9.749	2686	2693	2703	rVB6	5470	9307	1.68%	0.147%
26	9.852	2713	2725	2731	rBV9	3840	7141	1.29%	0.113%
27	9.977	2754	2764	2775	rBV	51892	77198	13.96%	1.217%
28	10.177	2815	2826	2835	rVB9	2986	5550	1.00%	0.088%
29	10.264	2843	2853	2871	rVB	84134	137491	24.87%	2.168%
30	10.399	2884	2895	2908	rBV	40716	63856	11.55%	1.007%
31	10.492	2917	2924	2930	rBV6	3345	5754	1.04%	0.091%
32	10.617	2956	2963	2972	rVB7	3907	5805	1.05%	0.092%
33	10.784	3006	3015	3025	rBV3	7042	12138	2.20%	0.191%
34	10.910	3043	3054	3061	rBV3	8090	12167	2.20%	0.192%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

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_V\METHOD\SOMVTR111718WMA.M
Title : TRACE VOA SOM01.0

35	10.961	3063	3070	3079	rVB3	12379	18603	3.36%	0.293%
36	11.103	3105	3114	3117	rBV2	9965	13019	2.35%	0.205%
37	11.135	3118	3124	3135	rVB	23649	34870	6.31%	0.550%
38	11.299	3163	3175	3196	rBV2	264537	552842	100.00%	8.718%
39	11.501	3227	3238	3250	rVB	7462	12597	2.28%	0.199%
40	11.579	3250	3262	3278	rBV3	86504	178725	32.33%	2.818%
41	11.675	3278	3292	3311	rVB	245725	439685	79.53%	6.934%
42	11.794	3318	3329	3338	rBV3	18862	29820	5.39%	0.470%
43	11.961	3373	3381	3395	rBV3	5789	11288	2.04%	0.178%
44	12.064	3400	3413	3419	rVV	31656	50781	9.19%	0.801%
45	12.096	3419	3423	3434	rVB3	17602	23511	4.25%	0.371%
46	12.164	3434	3444	3466	rBV5	28173	80334	14.53%	1.267%
47	12.347	3493	3501	3511	rVB3	12128	17768	3.21%	0.280%
48	12.431	3518	3527	3528	rBV7	6131	5951	1.08%	0.094%
49	12.463	3529	3537	3546	rVV	44026	67951	12.29%	1.072%
50	12.517	3546	3554	3569	rVB3	27850	46921	8.49%	0.740%
51	12.598	3569	3579	3591	rBV2	10987	15962	2.89%	0.252%
52	12.694	3600	3609	3612	rBV3	7085	9668	1.75%	0.152%
53	12.736	3616	3622	3627	rVV3	8720	14695	2.66%	0.232%
54	12.775	3628	3634	3643	rVB	21106	30958	5.60%	0.488%
55	12.932	3668	3683	3699	rBV3	127315	206591	37.37%	3.258%
56	13.051	3713	3720	3726	rBV2	4915	6262	1.13%	0.099%
57	13.218	3764	3772	3779	rBV4	5691	8569	1.55%	0.135%
58	13.267	3780	3787	3794	rVB4	8209	12584	2.28%	0.198%
59	13.321	3794	3804	3812	rBV3	18215	30687	5.55%	0.484%
60	13.386	3818	3824	3829	rBV2	5505	8480	1.53%	0.134%
61	13.418	3829	3834	3842	rVV2	15121	20966	3.79%	0.331%
62	13.453	3842	3845	3853	rVB3	5705	5835	1.06%	0.092%
63	13.556	3862	3877	3883	rBV2	7942	16957	3.07%	0.267%
64	13.601	3883	3891	3902	rVV6	5159	9462	1.71%	0.149%
65	13.662	3903	3910	3918	rVB8	4195	6034	1.09%	0.095%
66	13.762	3930	3941	3952	rBV10	7139	14950	2.70%	0.236%
67	13.816	3952	3958	3970	rVB6	5365	9171	1.66%	0.145%
68	13.961	3993	4003	4017	rBV3	10062	16904	3.06%	0.267%
69	14.141	4050	4059	4071	rBV6	10853	22151	4.01%	0.349%
70	14.286	4095	4104	4110	rBV5	6855	9889	1.79%	0.156%
71	14.347	4116	4123	4132	rVB5	7030	11206	2.03%	0.177%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

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_V\METHOD\SOMVTR111718WMA.M
Title : TRACE VOA SOM01.0

72	14.482	4154	4165	4177	rBV8	6058	11486	2.08%	0.181%
73	14.688	4218	4229	4237	rBV4	5625	10129	1.83%	0.160%
74	14.871	4276	4286	4297	rBV2	14265	22659	4.10%	0.357%
75	16.366	4742	4751	4766	rVB2	22321	33892	6.13%	0.534%

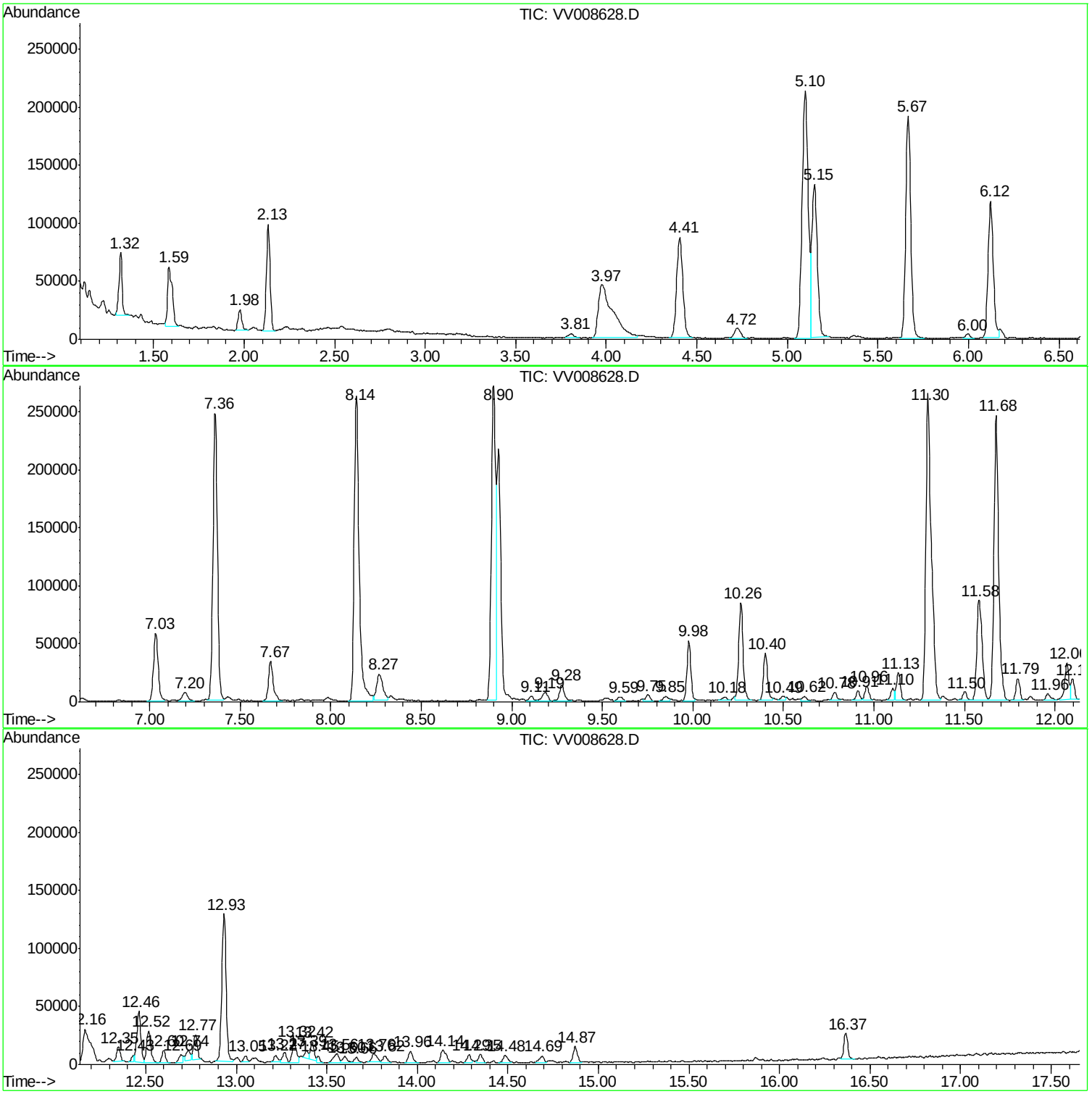
Sum of corrected areas: 6341373

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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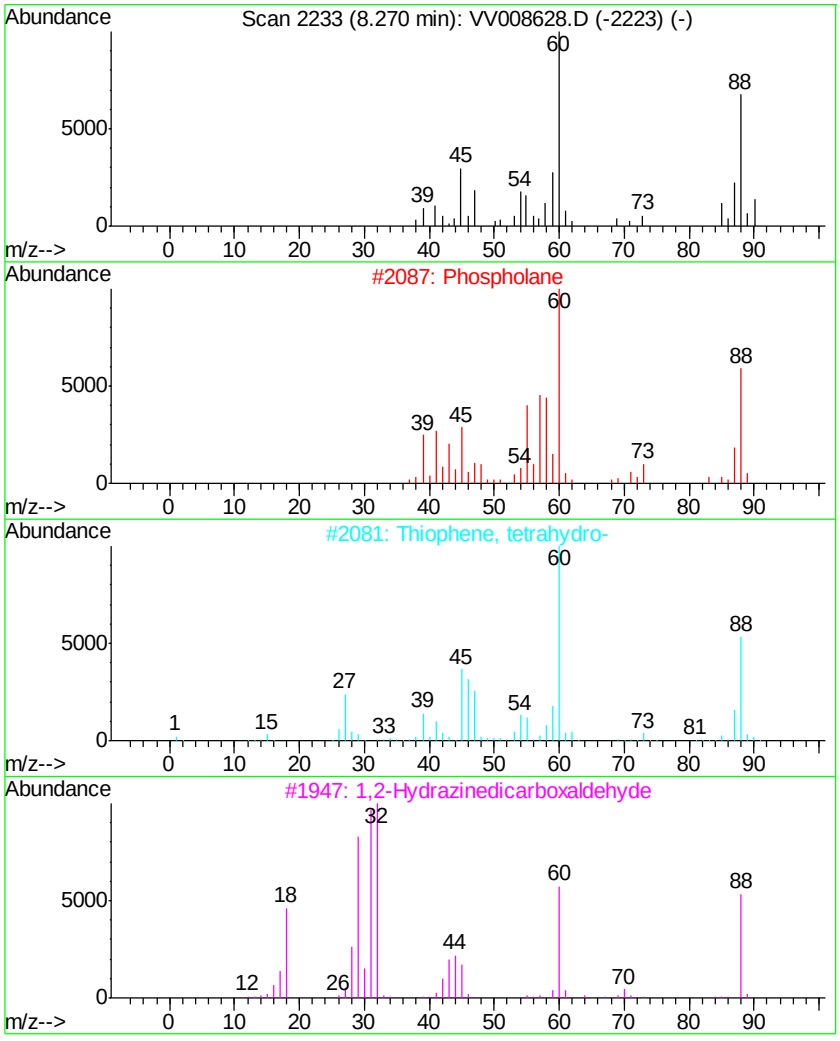
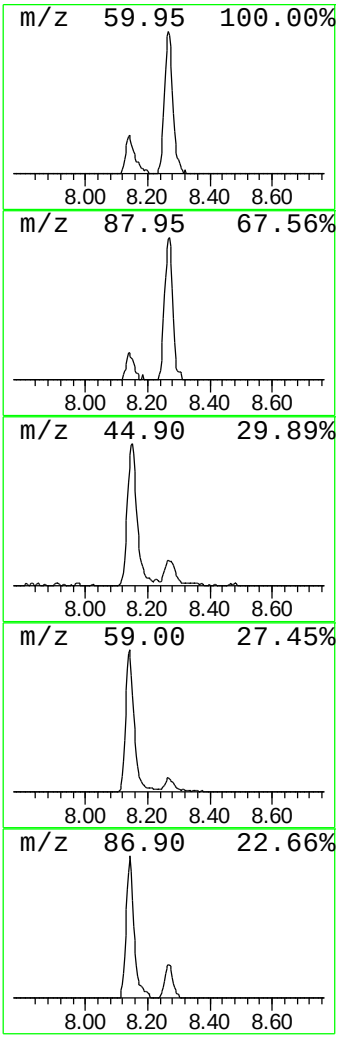
Peak Number 2 Phospholane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	0.63 ug/L	54532	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phospholane	88	C4H9P	003466-00-0	64
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	50
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	47
4	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	45
5	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

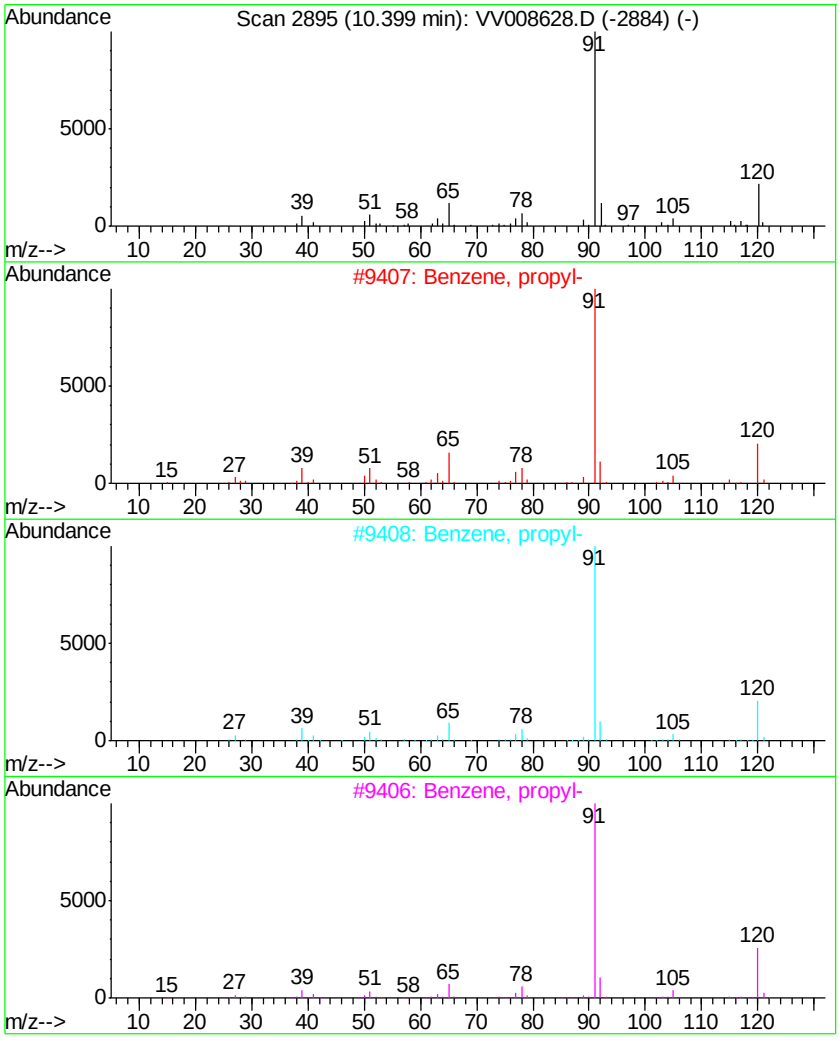
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

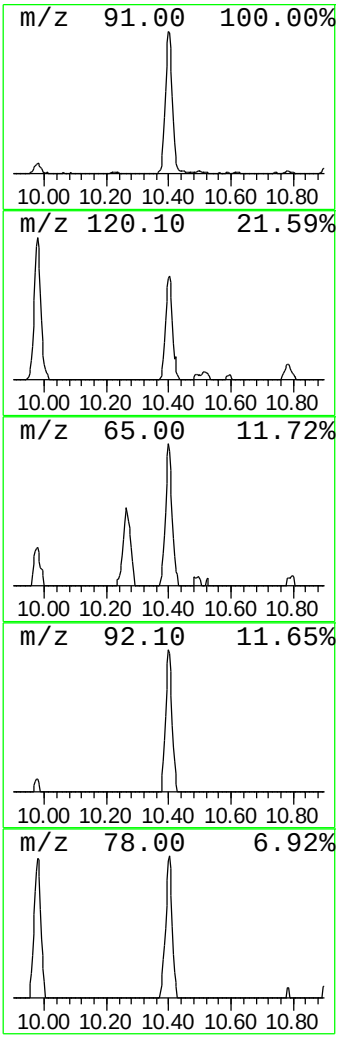
****

Peak Number 3 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	0.58 ug/L	63856	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

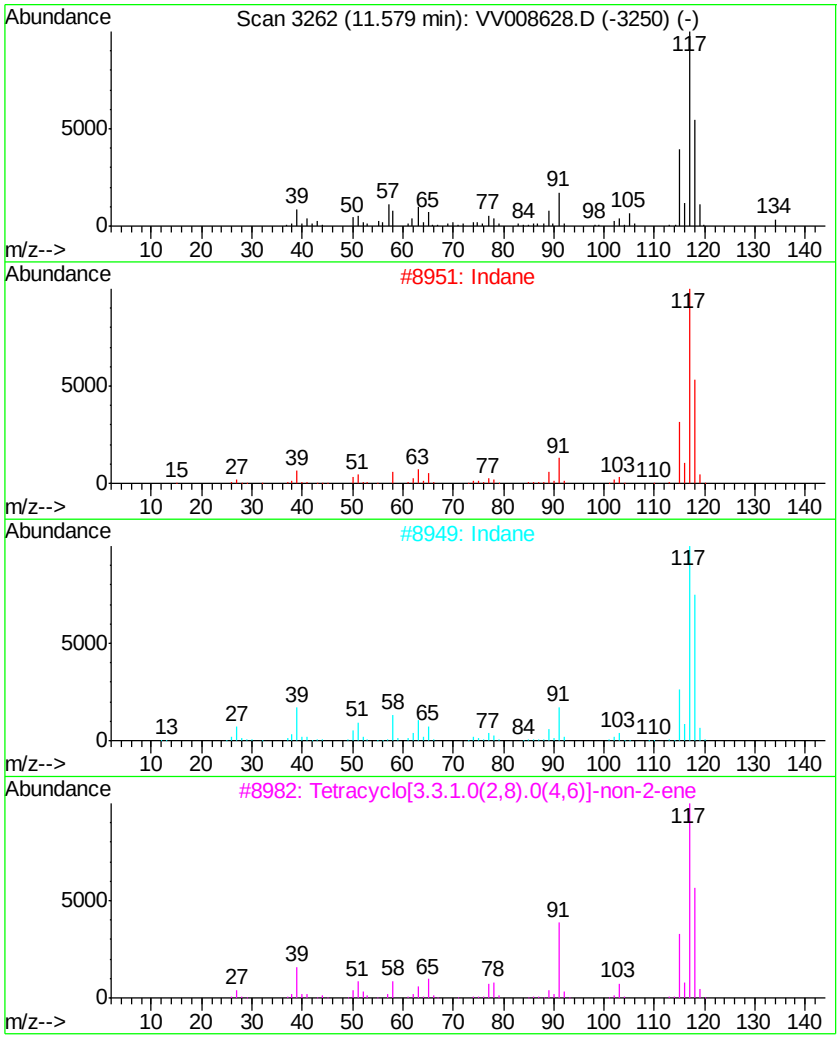
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

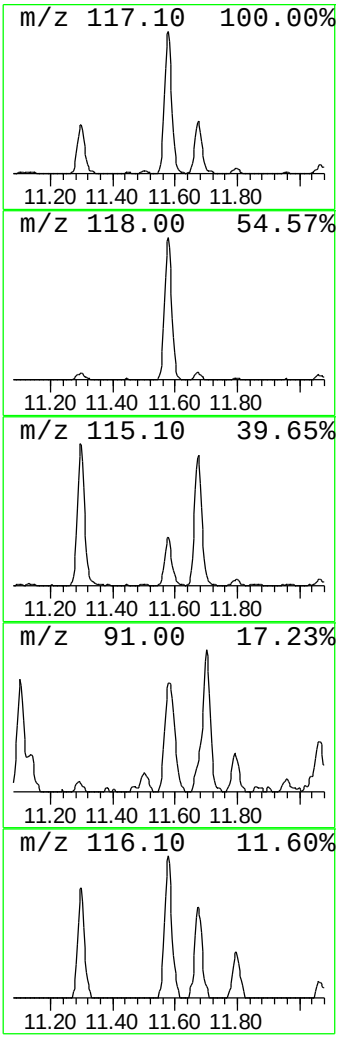
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.62 ug/L	178725	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	76
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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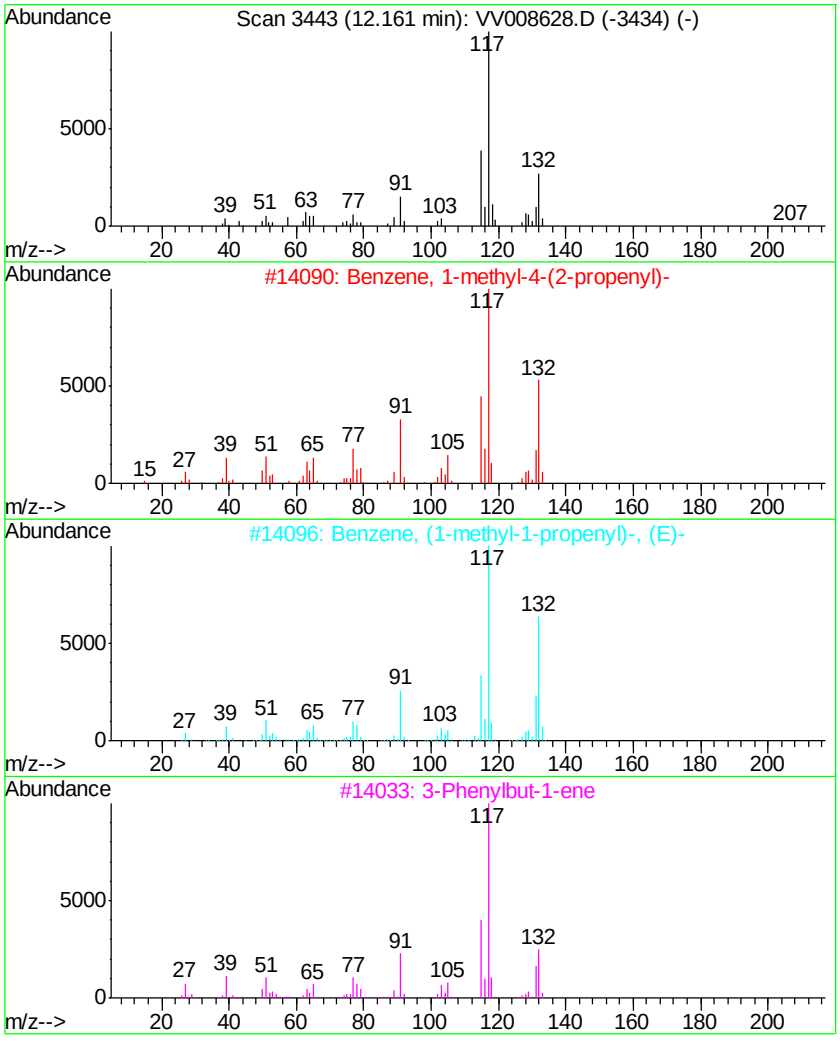
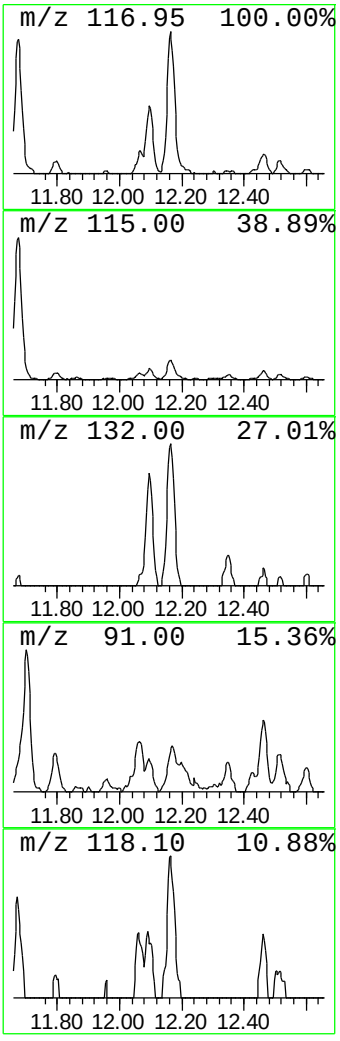
Peak Number 5 Benzene, 1-methyl-4-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	0.73 ug/L	80334	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

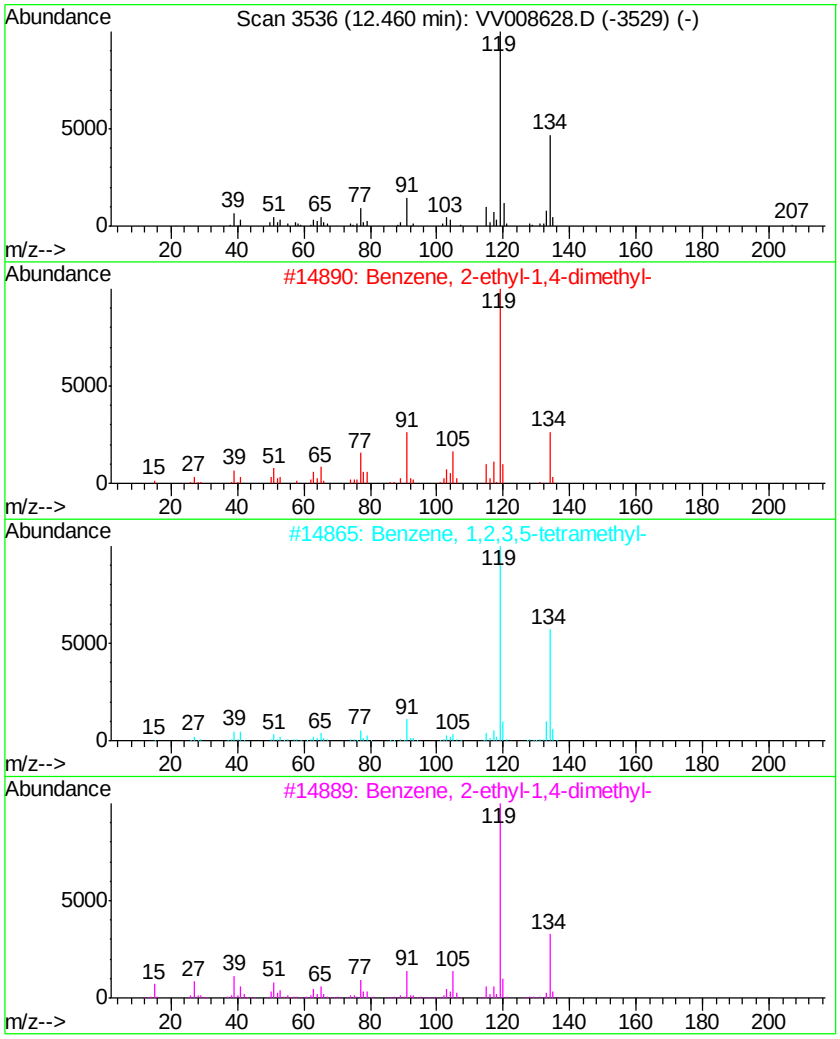
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

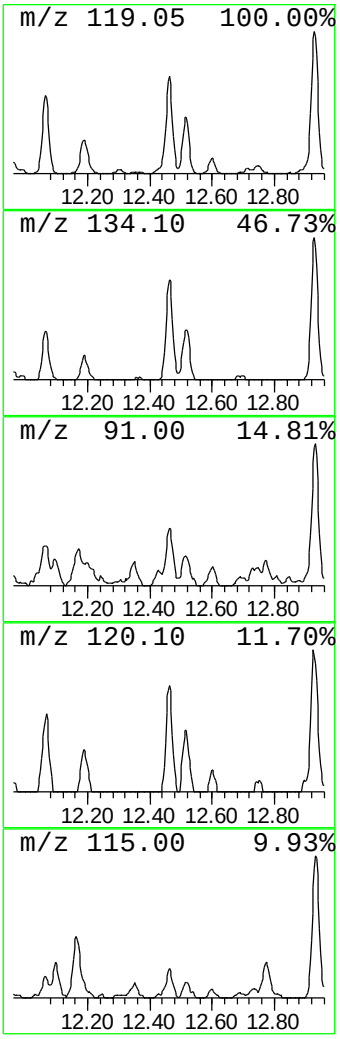
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.61 ug/L	67951	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

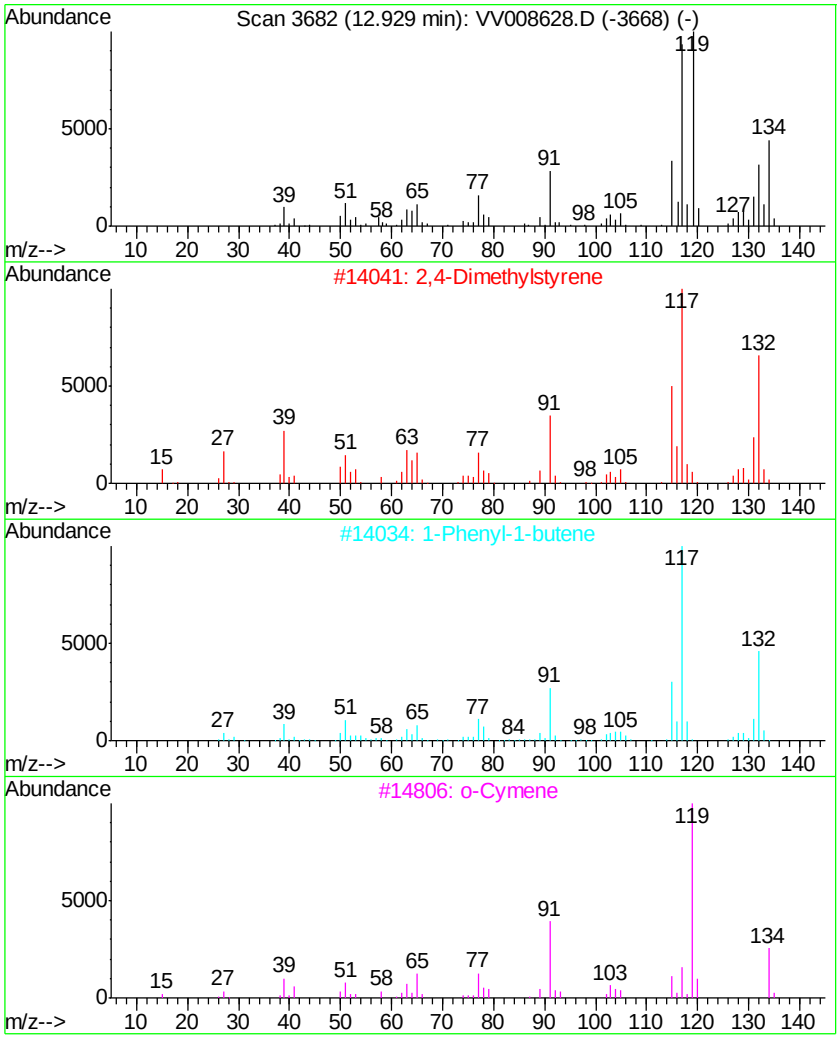
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

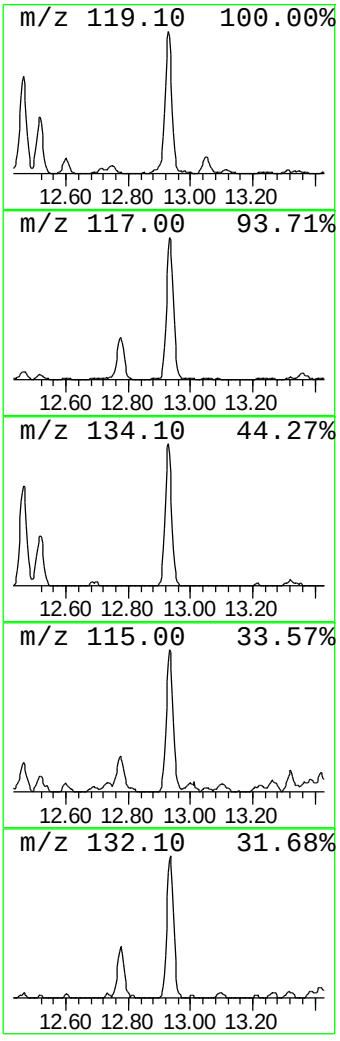
****

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.87 ug/L	206591	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3	o-Cymene	134	C10H14	000527-84-4	50
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
Data File : VV008628.D
Acq On : 17 Nov 2018 14:47
Operator : SY/MD
Sample : J5990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETO77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.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
Phospholane	8.27	0.6	ug/L	54532	2	8.90	435368	5.0
Benzene, propyl-	10.40	0.6	ug/L	63856	3	11.30	552842	5.0
Indane	11.58	1.6	ug/L	178725	3	11.30	552842	5.0
Benzene, 1-methyl...	12.16	0.7	ug/L	80334	3	11.30	552842	5.0
Benzene, 2-ethyl-...	12.46	0.6	ug/L	67951	3	11.30	552842	5.0
2,4-Dimethylstyrene	12.93	1.9	ug/L	206591	3	11.30	552842	5.0