LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

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\SOMVTR090919WMA.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	1.206	30	36	60	rVB2	92620	163161	3.36%	0.260%
2	1.319	63	71	83	rVB	222459	232903	4.80%	0.371%
3	1.579	145	152	167	rVB	175579	206902	4.26%	0.329%
4	2.129	313	323	333	rBV	297697	421168	8.68%	0.671%
5	2.299	370	376	394	rVB2	34571	63140	1.30%	0.101%
6	3.804	826	844	858	rBV4	20035	52186	1.08%	0.083%
7	3.939	870	886	926	rBV4	253941	938852	19.34%	1.495%
8	4.399	1009	1029	1059	rBV2	227739	599530	12.35%	0.955%
9	4.720	1114	1129	1145	rBV2	44378	110111	2.27%	0.175%
10	5.093	1227	1245	1265	rBV2	535247	1299687	26.78%	2.070%
11	5.663	1407	1422	1445	rBV	476381	951761	19.61%	1.516%
12	5.955	1497	1513	1534	rBV5	84326	182089	3.75%	0.290%
13	6.116	1545	1563	1574	rBV	321581	667880	13.76%	1.064%
14	6.174	1574	1581	1599	rVB2	105750	212558	4.38%	0.339%
15	7.029	1832	1847	1869	rBV	148409	272387	5.61%	0.434%
16	7.357	1937	1949	1965	rVB	570742	994712	20.50%	1.584%
17	7.662	2029	2044	2052	rBV	87182	160490	3.31%	0.256%
18	8.016	2134	2154	2177	rVB	362217	629756	12.98%	1.003%
19	8.132	2177	2190	2225	rBV2	689576	1420570	29.27%	2.262%
20	8.894	2413	2427	2444	rBV	735348	1206037	24.85%	1.921%
21	8.974	2445	2452	2462	rVV2	33050	58354	1.20%	0.093%
22	9.055	2463	2477	2487	rVV	65784	109394	2.25%	0.174%
23	9.746	2669	2692	2703	rBV5	31631	68693	1.42%	0.109%
24	9.971	2751	2762	2786	rBV	285941	470507	9.69%	0.749%
25	10.257	2840	2851	2870	rVB	272019	459078	9.46%	0.731%
26	10.395	2883	2894	2913	rBV	298320	522965	10.78%	0.833%
27	10.492	2915	2924	2927	rBV2	44259	65528	1.35%	0.104%
28	10.579	2940	2951	2967	rVB	454793	695162	14.32%	1.107%
29	10.778	2996	3013	3033	rBV	989854	1544039	31.81%	2.459%
30	10.955	3058	3068	3087	rVB	493912	766126	15.79%	1.220%
31	11.129	3115	3122	3136	rVB	245489	381671	7.86%	0.608%
32	11.235	3146	3155	3163	rBV	235046	343062	7.07%	0.546%
33	11.289	3163	3172	3191	rVB2	923021	1455381	29.99%	2.318%
34	11.379	3191	3200	3225	rVB	118523	206095	4.25%	0.328%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

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\SOMVTR090919WMA.M
Title : TRACE VOA SOM01.0

35	11.498	3225	3237	3247	rVB2	68588	113290	2.33%	0.180%
36	11.572	3247	3260	3270	rBV2	1322299	2598498	53.54%	4.138%
37	11.672	3280	3291	3315	rVB6	1308113	2756303	56.79%	4.389%
38	11.788	3317	3327	3339	rVB	172288	259329	5.34%	0.413%
39	11.862	3339	3350	3368	rBV	317509	498032	10.26%	0.793%
40	11.955	3368	3379	3386	rBV	567466	912713	18.81%	1.454%
41	12.058	3397	3411	3417	rBV	915030	1445965	29.79%	2.303%
42	12.090	3417	3421	3432	rVB	529567	718786	14.81%	1.145%
43	12.157	3432	3442	3474	rVB2	1221135	2606126	53.70%	4.150%
44	12.296	3474	3485	3492	rBV6	107870	206320	4.25%	0.329%
45	12.354	3492	3503	3516	rVB4	330066	689494	14.21%	1.098%
46	12.457	3517	3535	3543	rBV	567597	969553	19.98%	1.544%
47	12.508	3543	3551	3566	rVB	755308	1169041	24.09%	1.862%
48	12.595	3568	3578	3585	rBV2	299565	472019	9.73%	0.752%
49	12.727	3609	3619	3625	rBV2	271418	452457	9.32%	0.721%
50	12.768	3625	3632	3640	rVB	886815	1180075	24.32%	1.879%
51	12.836	3648	3653	3660	rVB2	78080	94357	1.94%	0.150%
52	12.926	3660	3681	3697	rBV2	2875740	4853241	100.00%	7.729%
53	12.997	3698	3703	3712	rVB5	165911	251559	5.18%	0.401%
54	13.045	3712	3718	3722	rBV2	86074	113521	2.34%	0.181%
55	13.090	3723	3732	3744	rVB	1079678	1654325	34.09%	2.635%
56	13.209	3759	3769	3776	rBV	273884	433553	8.93%	0.690%
57	13.257	3776	3784	3793	rVV	524698	892722	18.39%	1.422%
58	13.315	3793	3802	3808	rVV3	544666	920874	18.97%	1.467%
59	13.350	3809	3813	3816	rVV4	297606	375438	7.74%	0.598%
60	13.379	3818	3822	3826	rVV	440673	607963	12.53%	0.968%
61	13.411	3826	3832	3856	rVB2	866311	1610029	33.17%	2.564%
62	13.543	3856	3873	3881	rBV2	208402	497495	10.25%	0.792%
63	13.588	3881	3887	3899	rVV2	121979	246850	5.09%	0.393%
64	13.656	3899	3908	3922	rVV2	688299	1094945	22.56%	1.744%
65	13.752	3924	3938	3950	rVV	1103563	1923588	39.64%	3.063%
66	13.817	3950	3958	3968	rVV3	312985	563795	11.62%	0.898%
67	13.868	3968	3974	3988	rVB3	108618	182358	3.76%	0.290%
68	13.955	3990	4001	4016	rBV2	420338	828347	17.07%	1.319%
69	14.064	4027	4035	4038	rBV5	57624	86271	1.78%	0.137%
70	14.151	4047	4062	4081	rBV2	980212	2085035	42.96%	3.320%
71	14.231	4082	4087	4093	rBV2	81177	100894	2.08%	0.161%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

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\SOMVTR090919WMA.M
Title : TRACE VOA SOM01.0

72	14.276	4093	4101	4111	rVB5	190589	301976	6.22%	0.481%
73	14.344	4112	4122	4134	rVB4	493425	967058	19.93%	1.540%
74	14.408	4135	4142	4152	rVB5	88121	147110	3.03%	0.234%
75	14.479	4153	4164	4178	rBV3	697941	1327792	27.36%	2.115%
76	14.543	4180	4184	4200	rVB4	76361	138515	2.85%	0.221%
77	14.620	4200	4208	4213	rBV3	99185	156984	3.23%	0.250%
78	14.662	4213	4221	4226	rBV2	270707	434447	8.95%	0.692%
79	14.733	4235	4243	4258	rVB2	394329	768815	15.84%	1.224%
80	14.810	4259	4267	4273	rBV2	120498	179711	3.70%	0.286%
81	14.865	4274	4284	4296	rBV2	1013439	1716479	35.37%	2.734%
82	14.929	4296	4304	4311	rBV2	181397	306156	6.31%	0.488%
83	15.051	4330	4342	4352	rVB6	205919	445874	9.19%	0.710%
84	15.222	4383	4395	4404	rBV3	74364	144918	2.99%	0.231%
85	15.386	4430	4446	4449	rBV3	243150	486323	10.02%	0.774%
86	15.469	4464	4472	4487	rVB4	113463	196486	4.05%	0.313%
87	15.633	4508	4523	4533	rVB4	116607	243407	5.02%	0.388%
88	15.720	4545	4550	4557	rBV5	35117	48605	1.00%	0.077%
89	15.858	4585	4593	4601	rBV2	198702	321993	6.63%	0.513%
90	16.093	4661	4666	4680	rVB9	37194	63982	1.32%	0.102%

Sum of corrected areas: 62793727

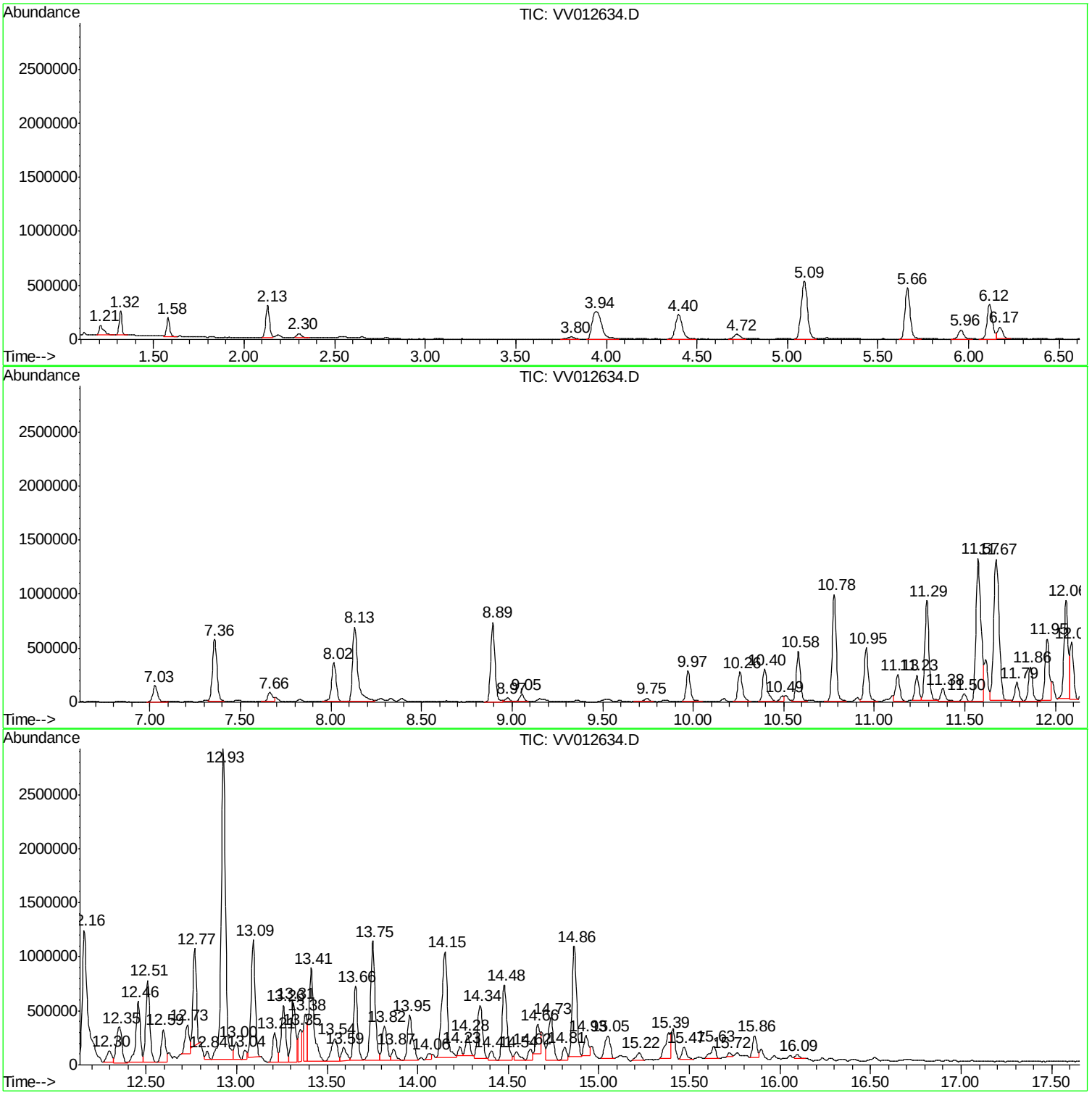
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.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\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

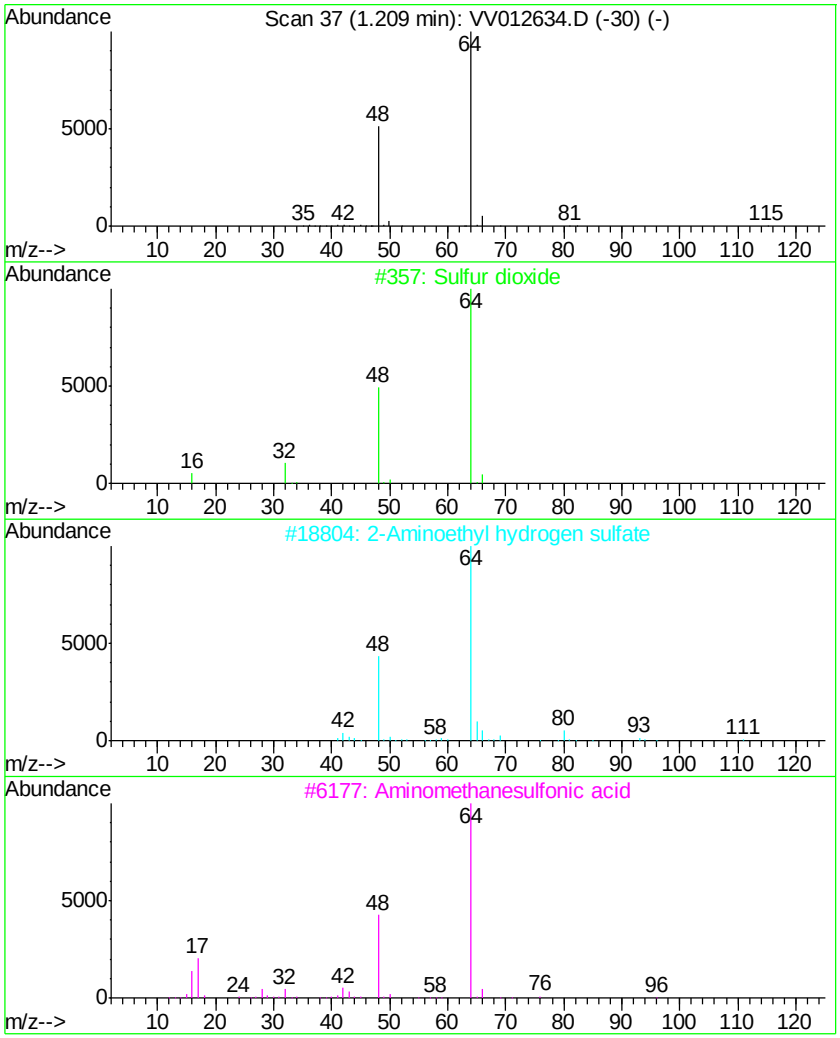
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

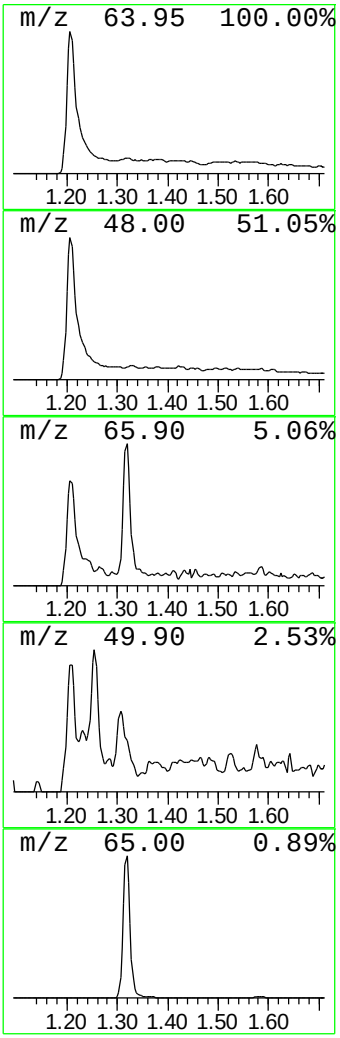
****

Peak Number 1 Sulfur dioxide Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	0.86 ug/L	163161	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	9
5	S-2-[4-Glutarimidobutylamino]eth...	324	C11H20N2O5S2	031701-78-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

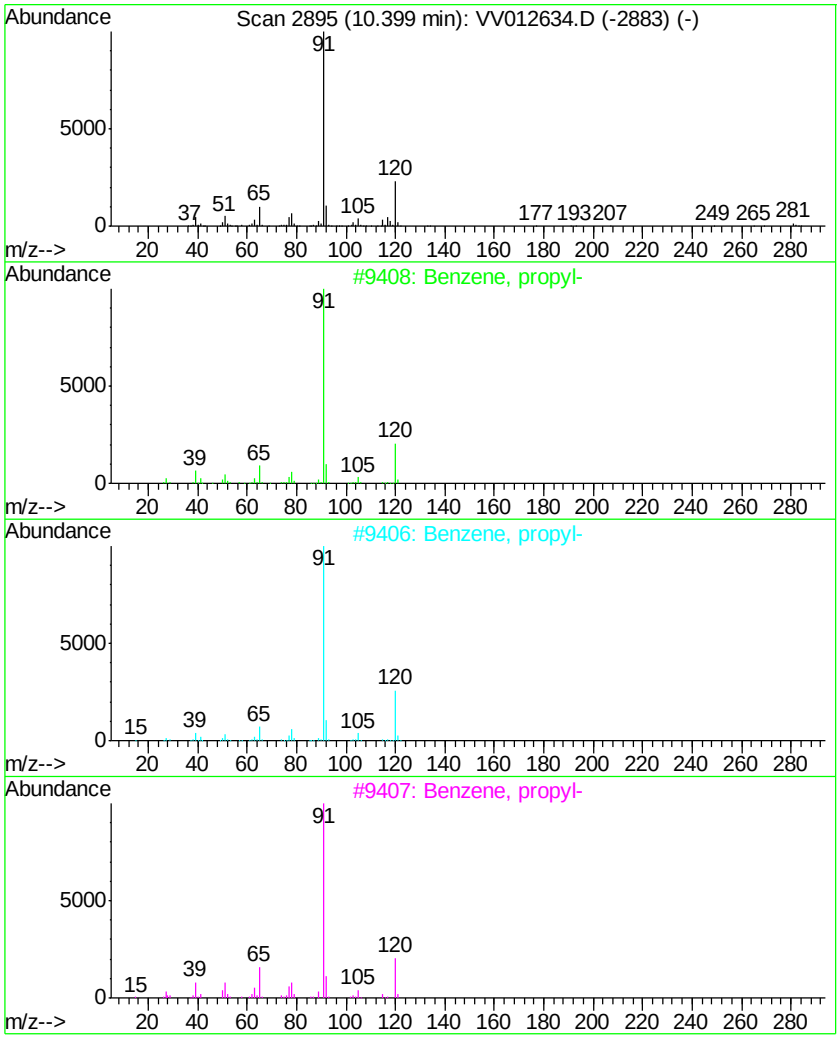
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

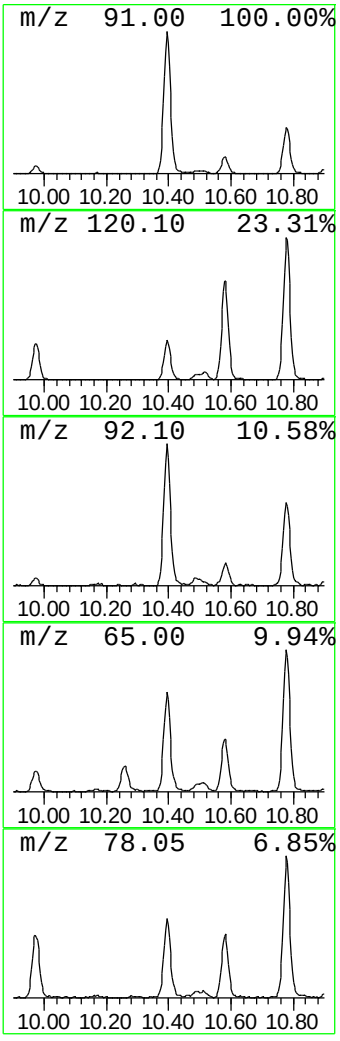
****

Peak Number 3 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	1.80 ug/L	522965	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

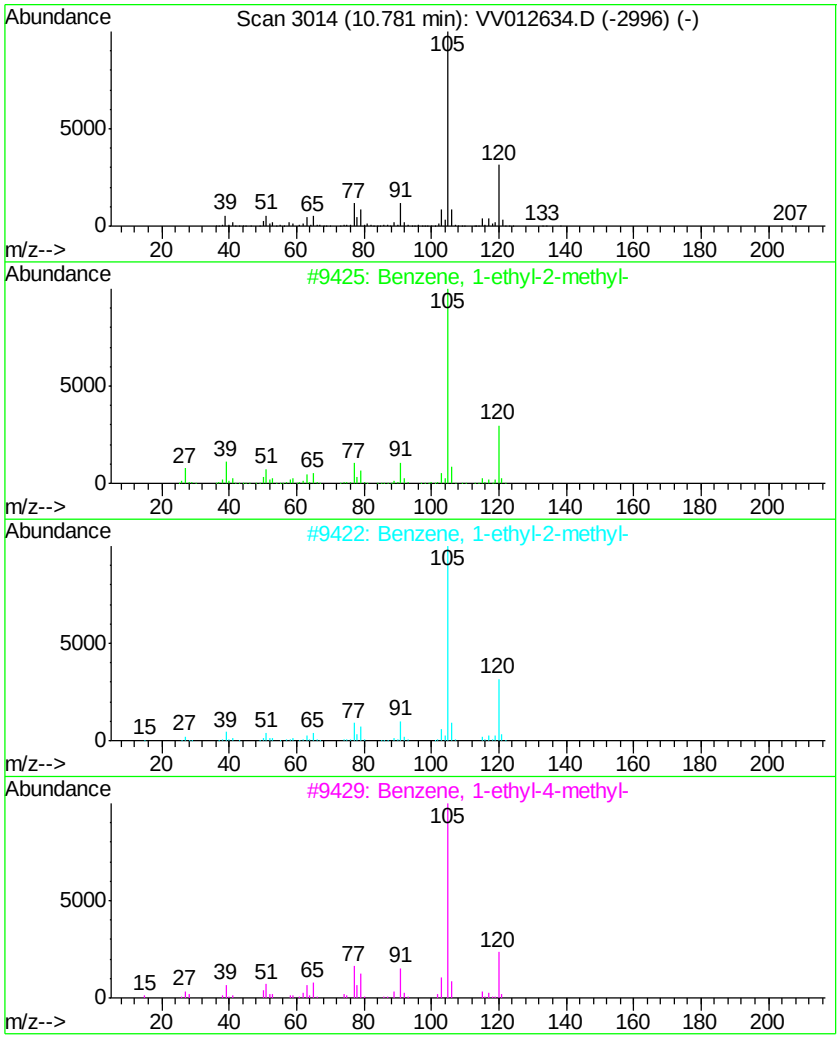
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

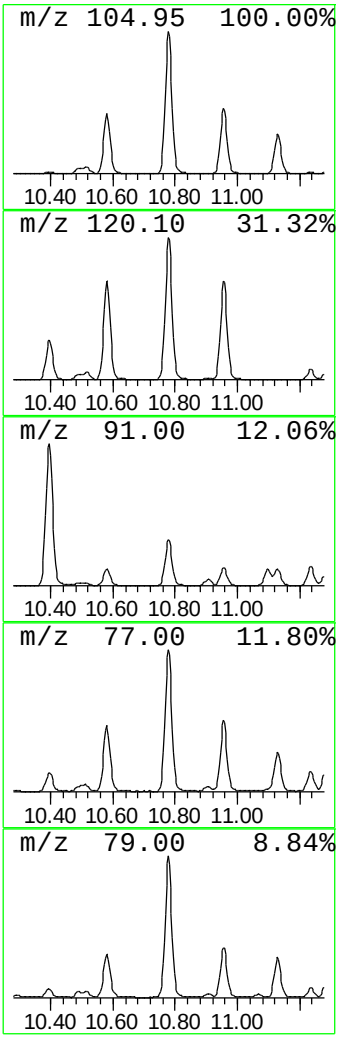
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.30 ug/L	1544040	1,4-Dichlorobenzene-d4	11.29

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

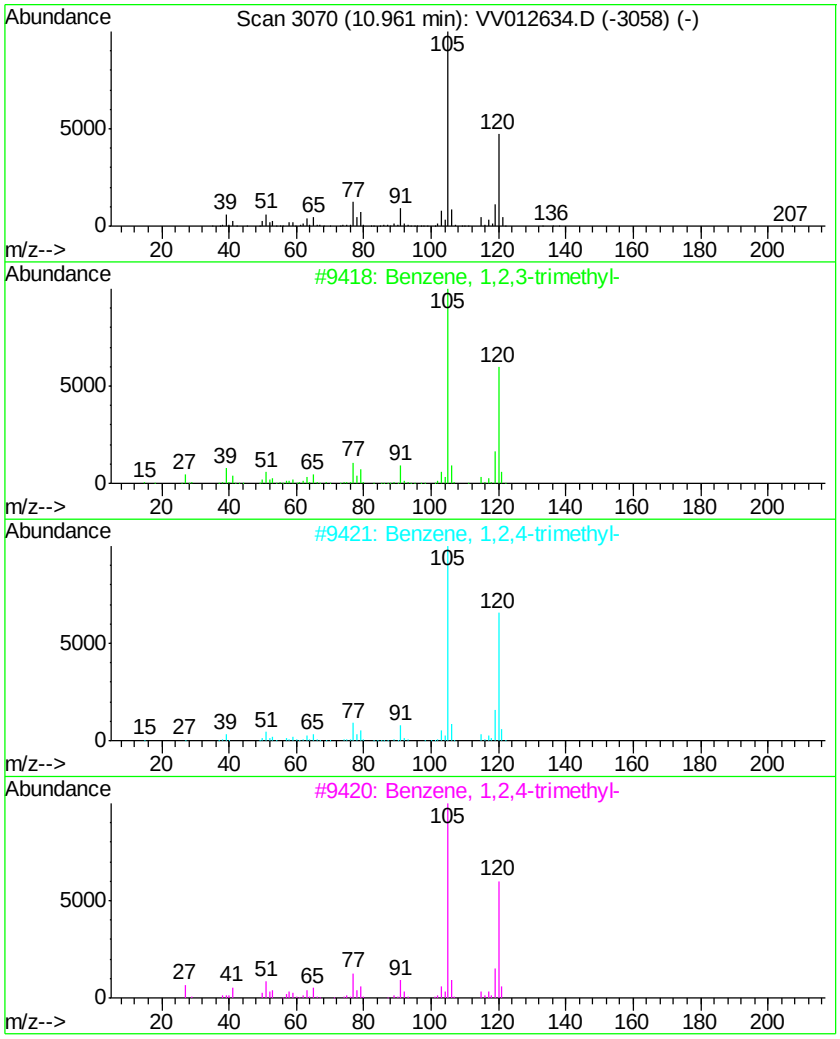
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

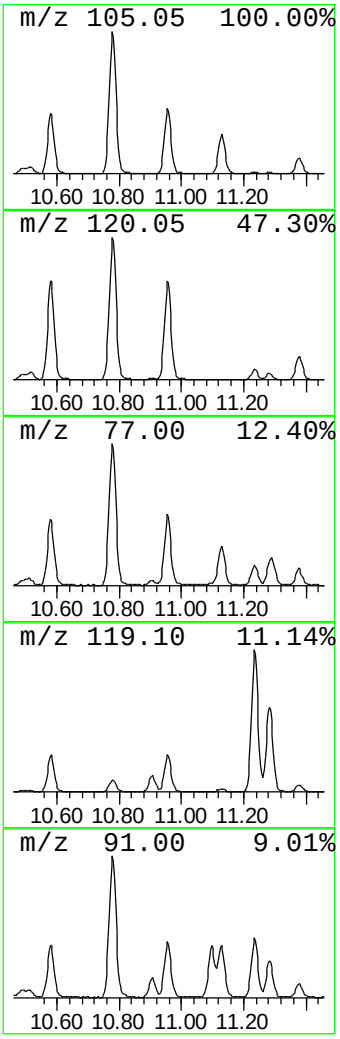
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	2.63 ug/L	766126	1,4-Dichlorobenzene-d4	11.29

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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

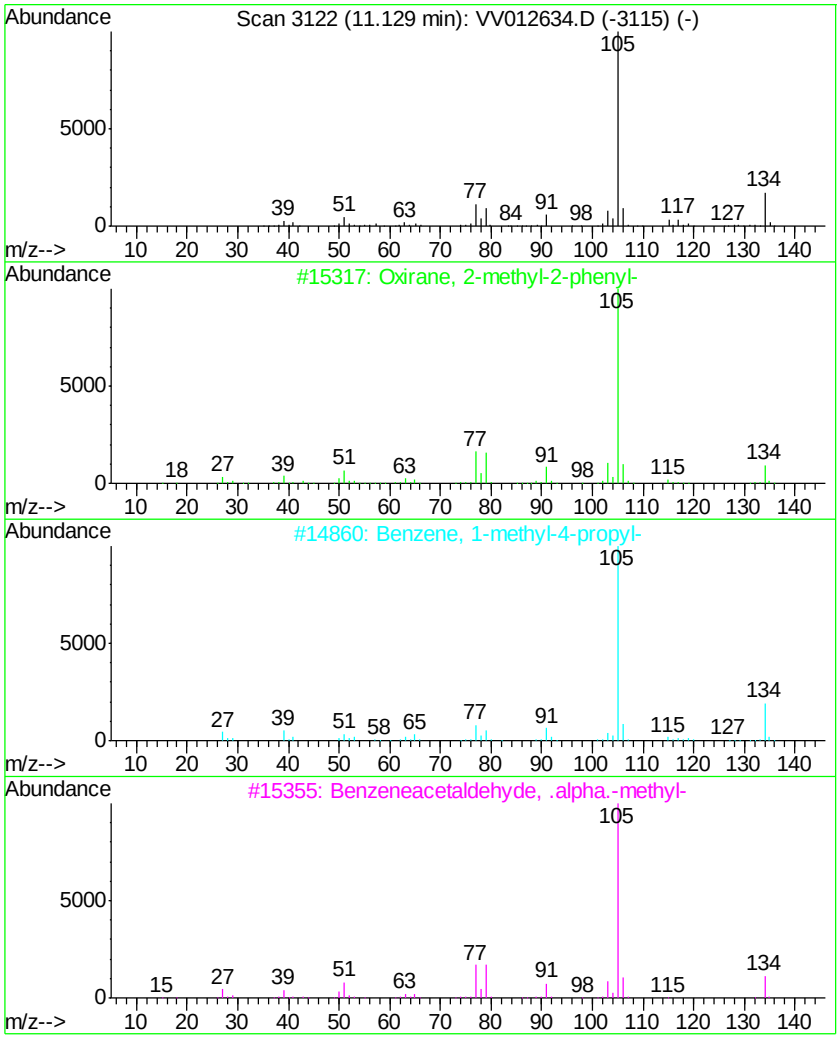
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

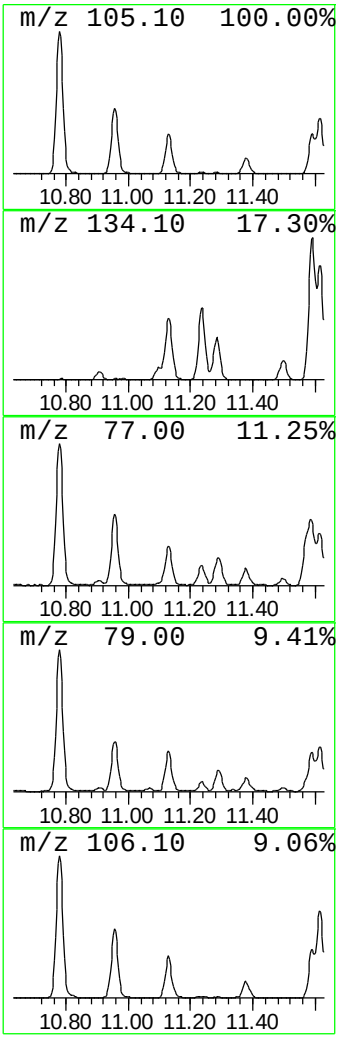
****

Peak Number 7 Oxirane, 2-methyl-2-phenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	1.31 ug/L	381671	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

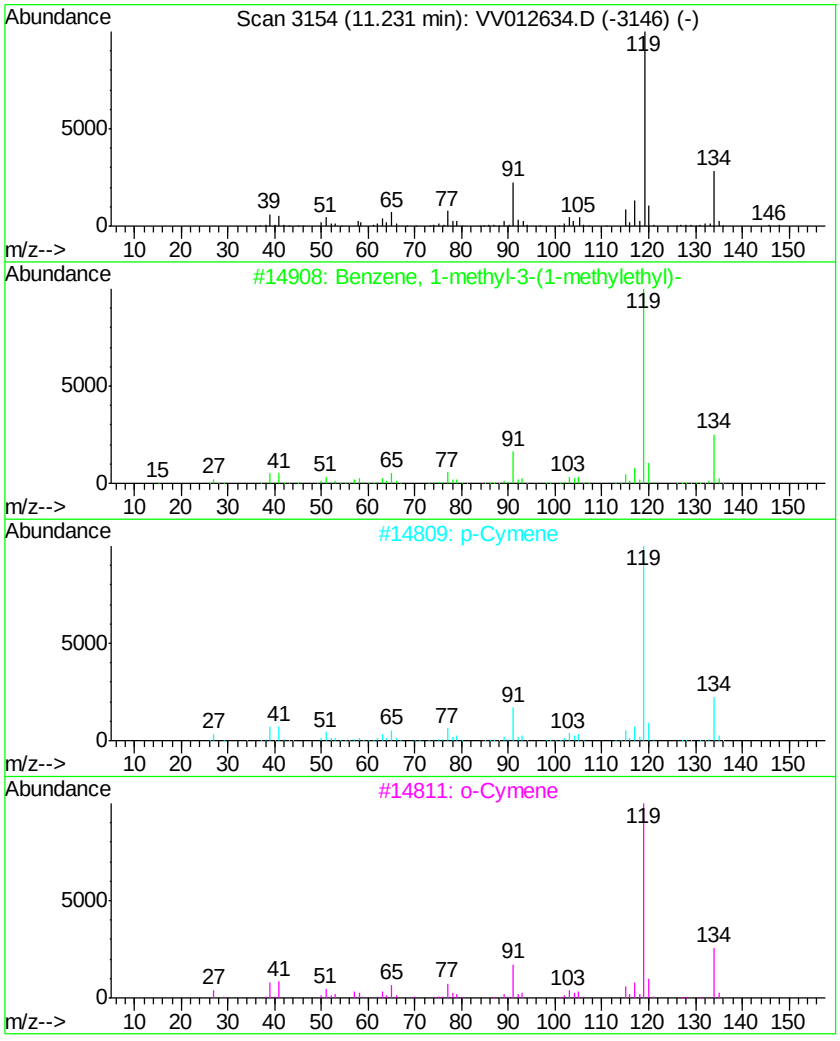
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

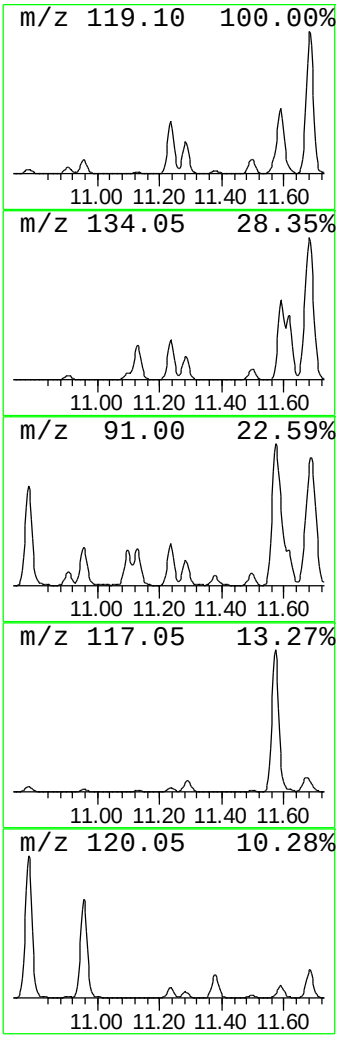
****

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	1.18 ug/L	343062	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

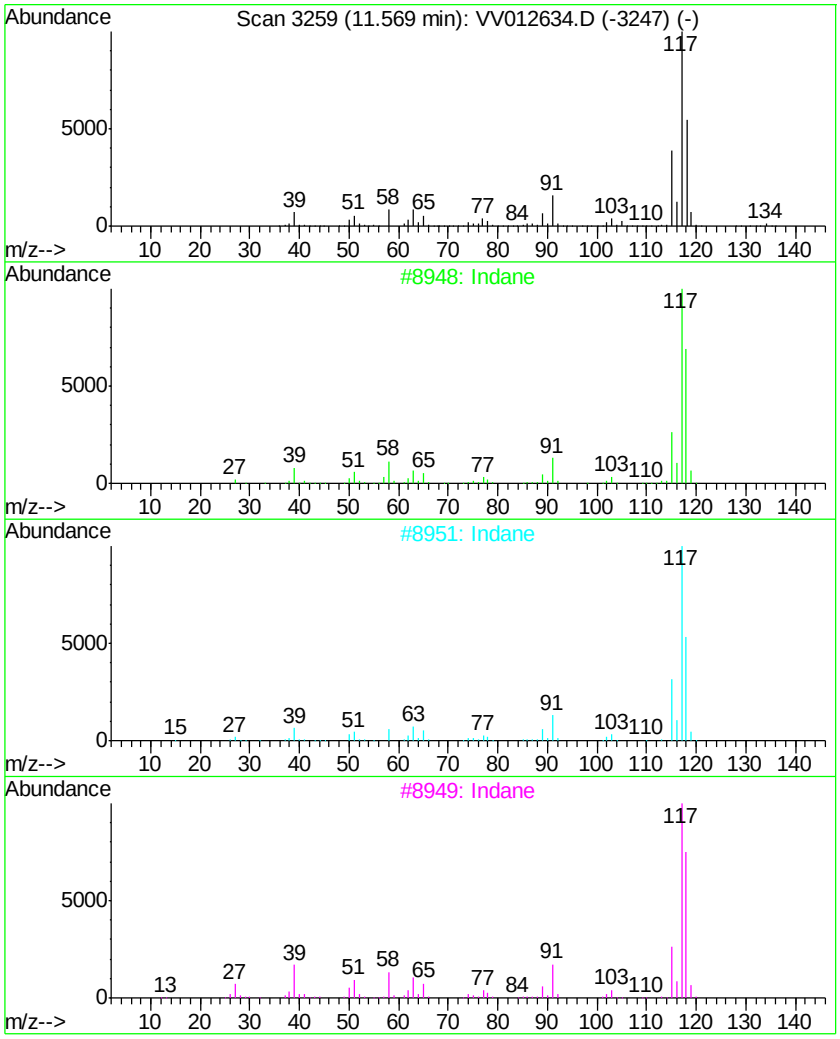
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

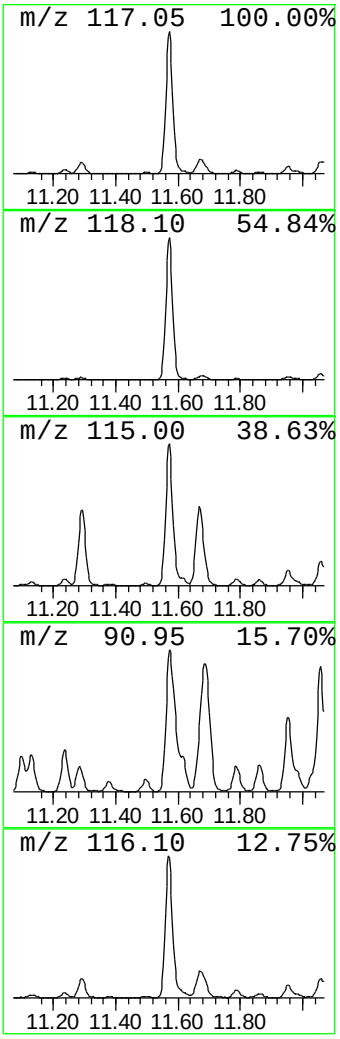
****

Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	8.93 ug/L	2598500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

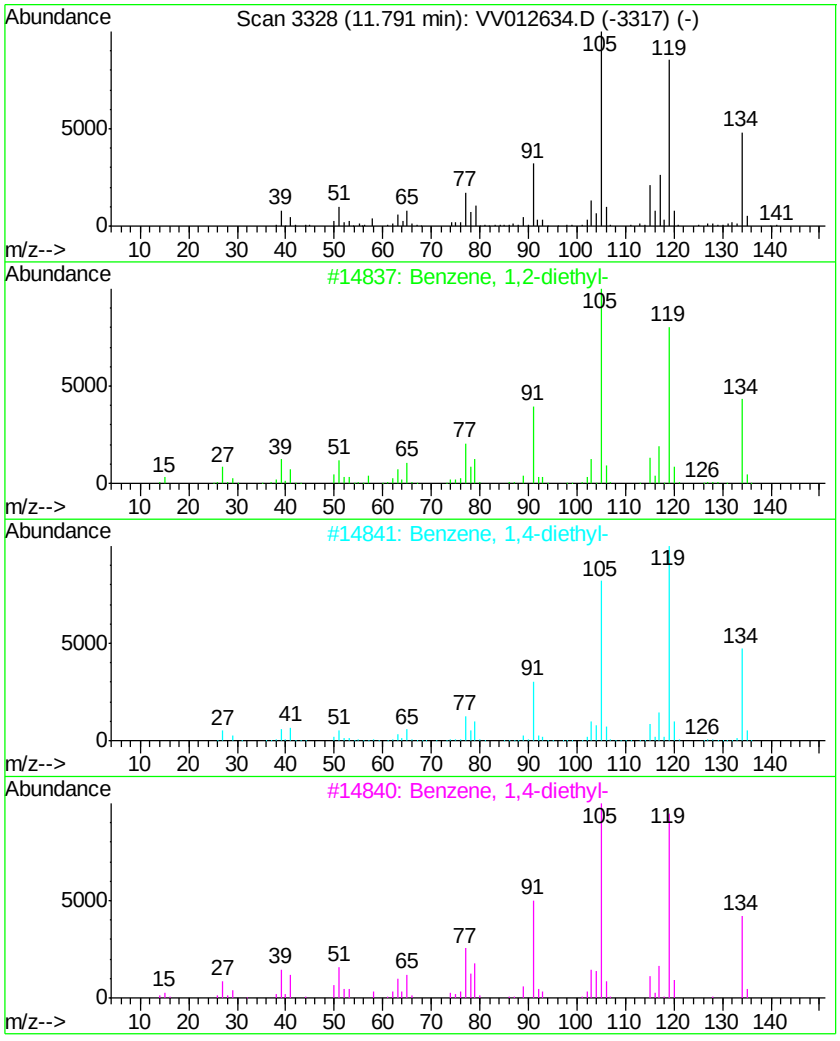
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

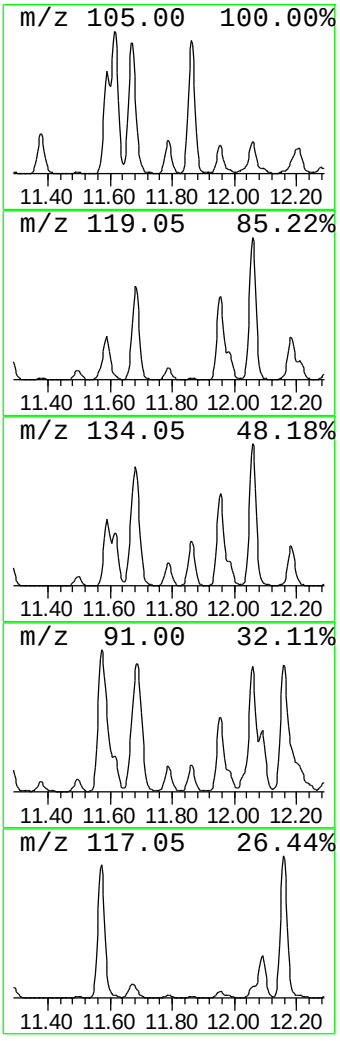
****

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	0.89 ug/L	259329	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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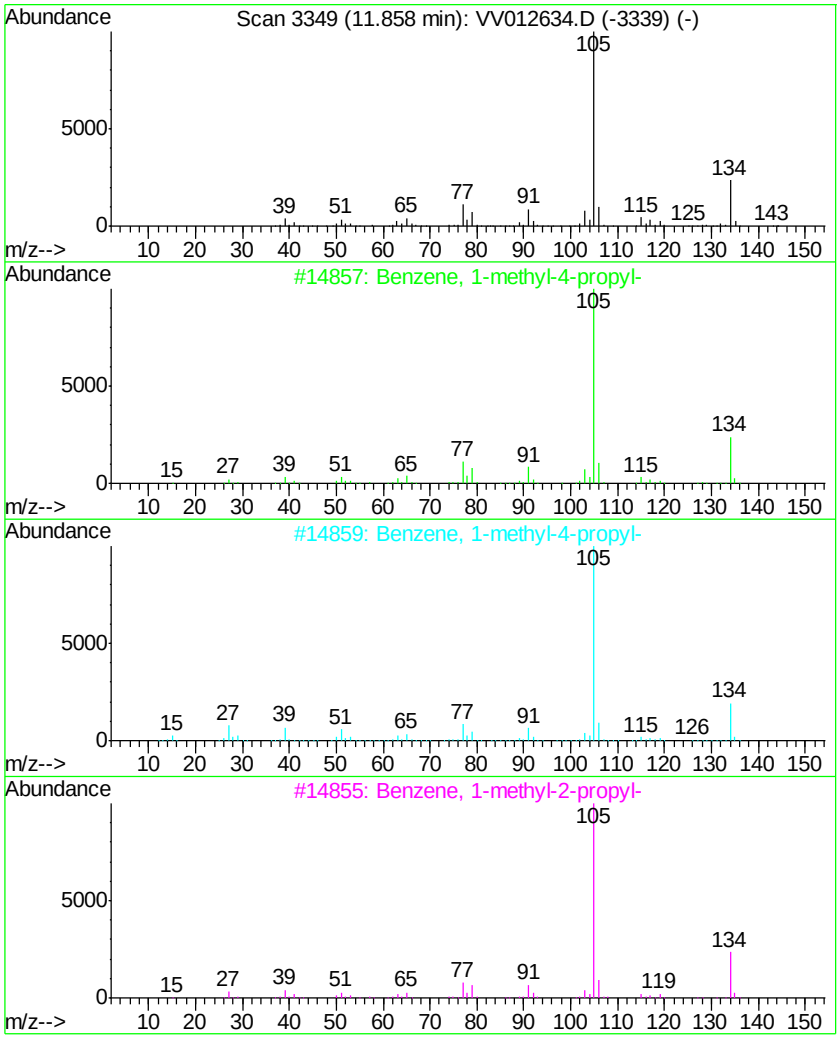
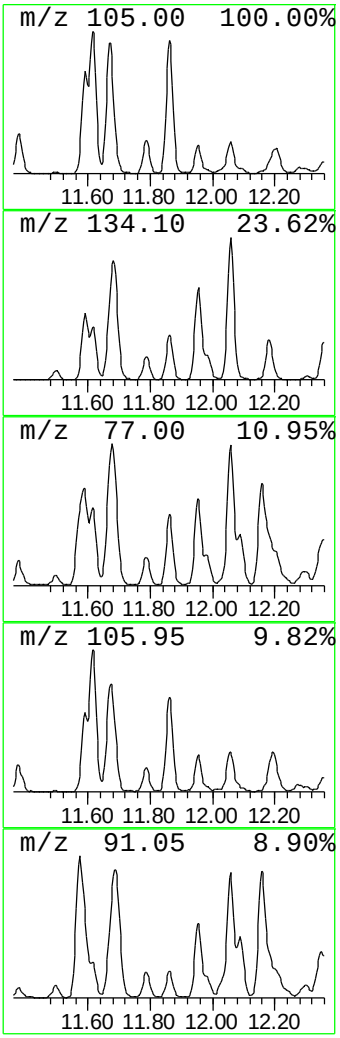
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	1.71 ug/L	498032	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

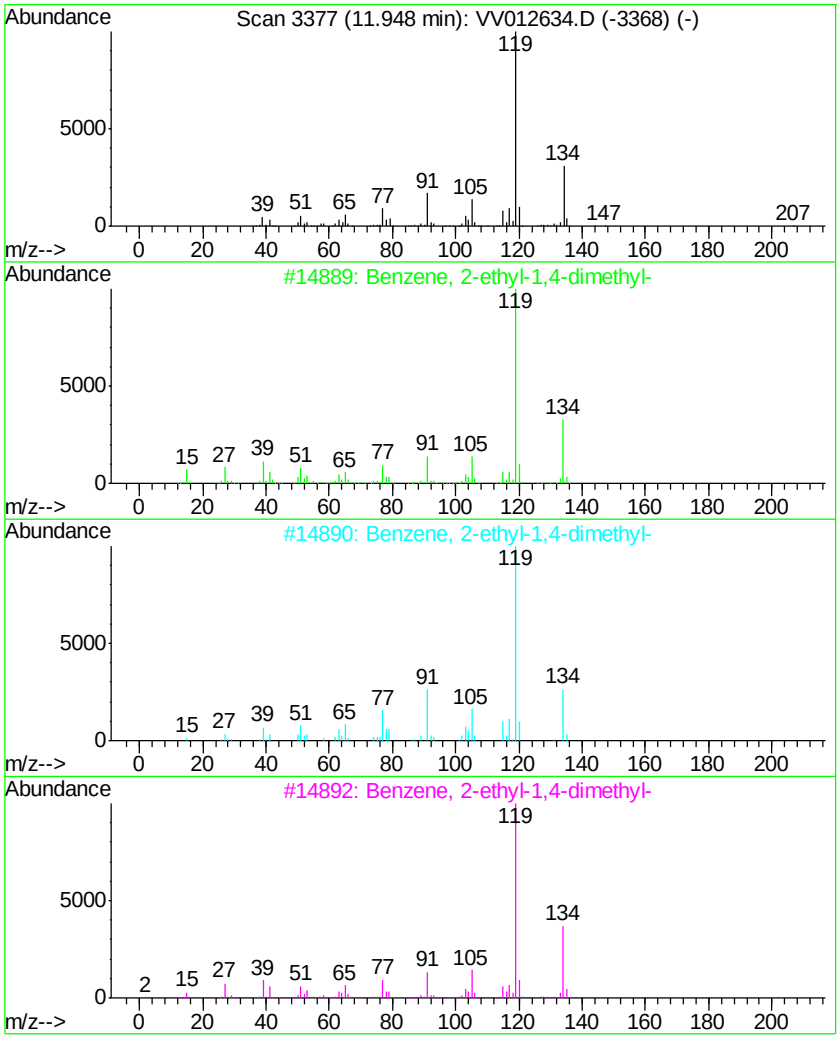
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

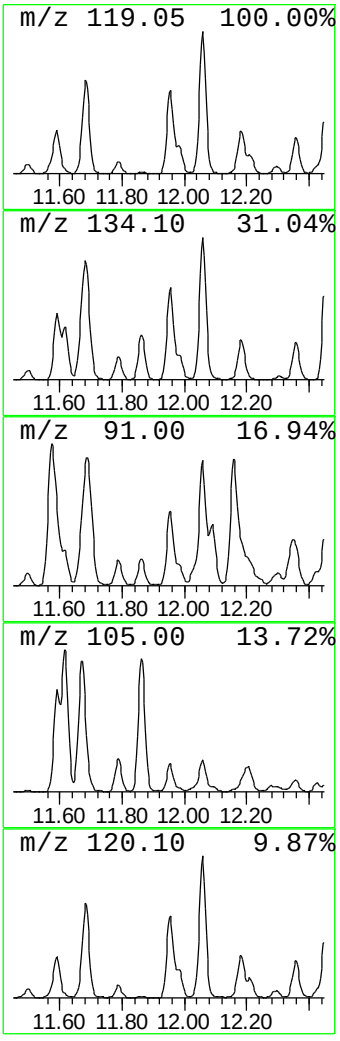
****

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.14 ug/L	912713	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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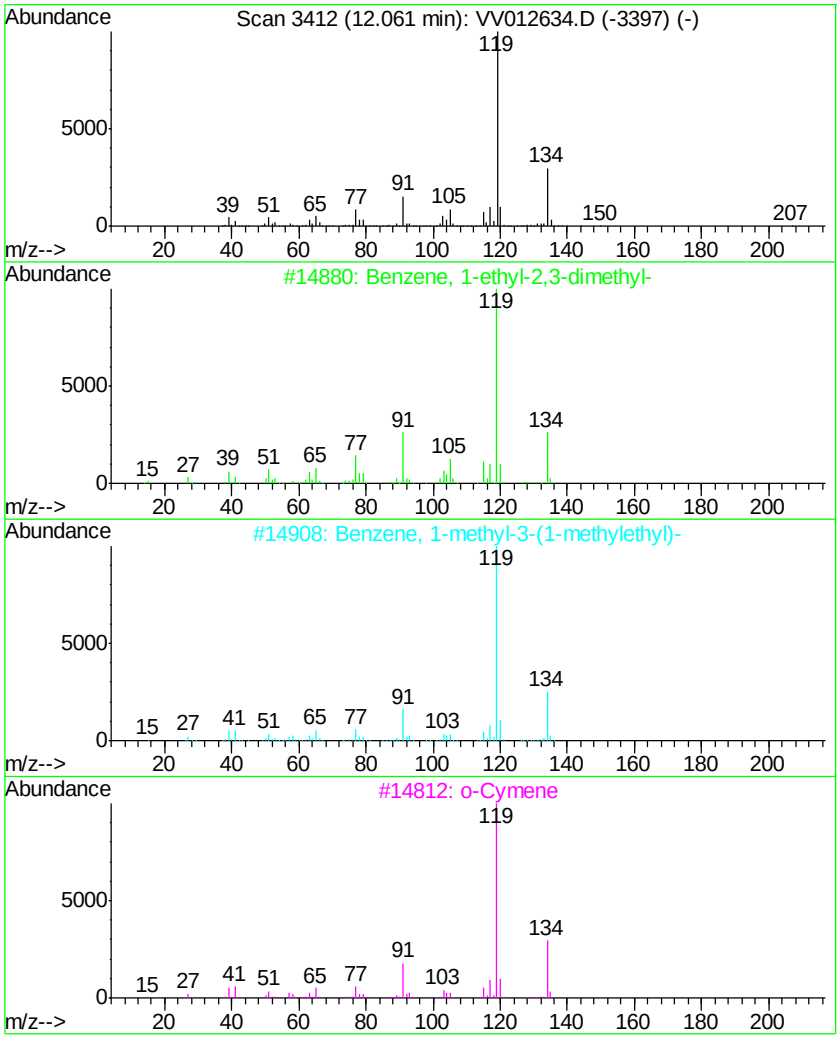
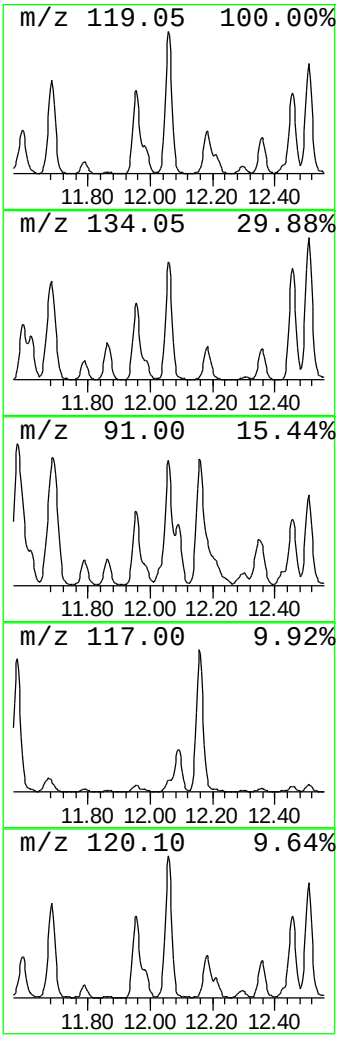
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.97 ug/L	1445970	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

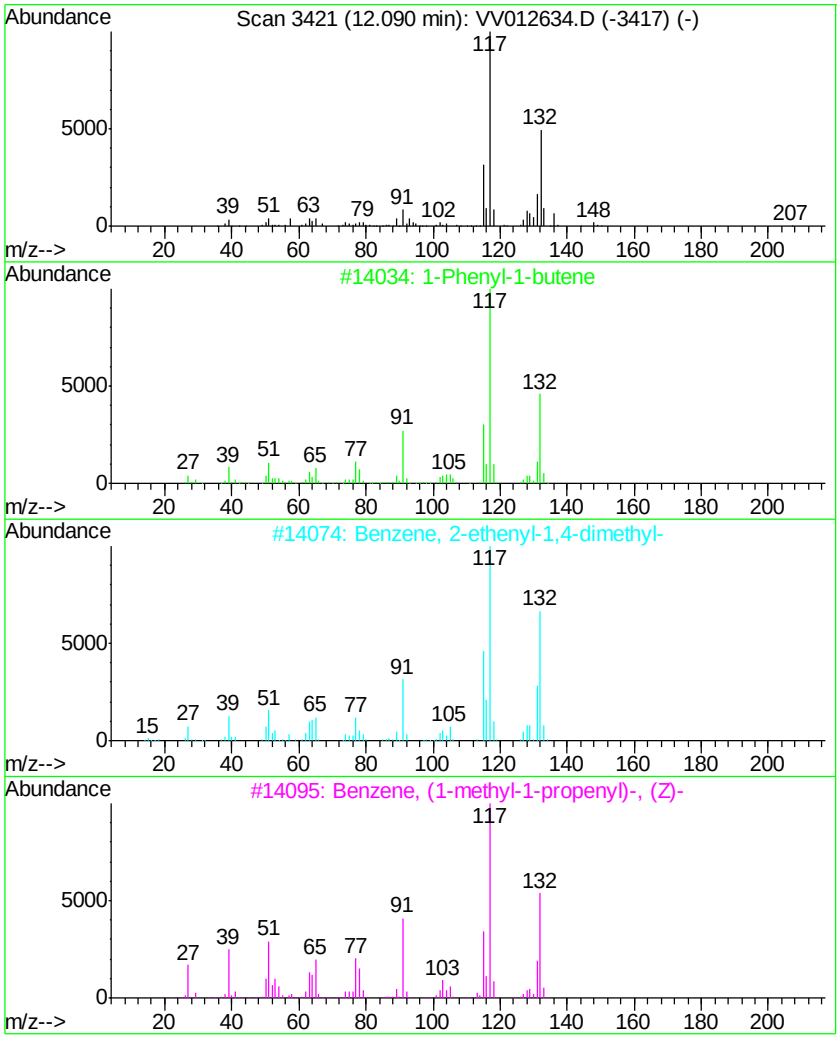
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

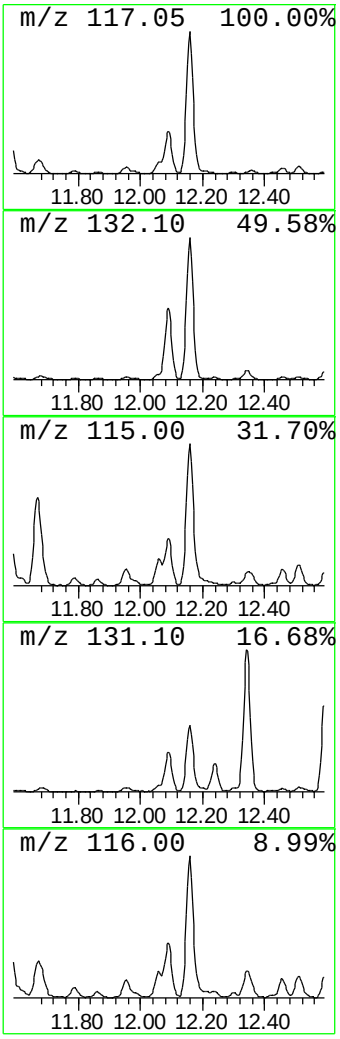
****

Peak Number 15 1-Phenyl-1-butene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.47 ug/L	718786	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

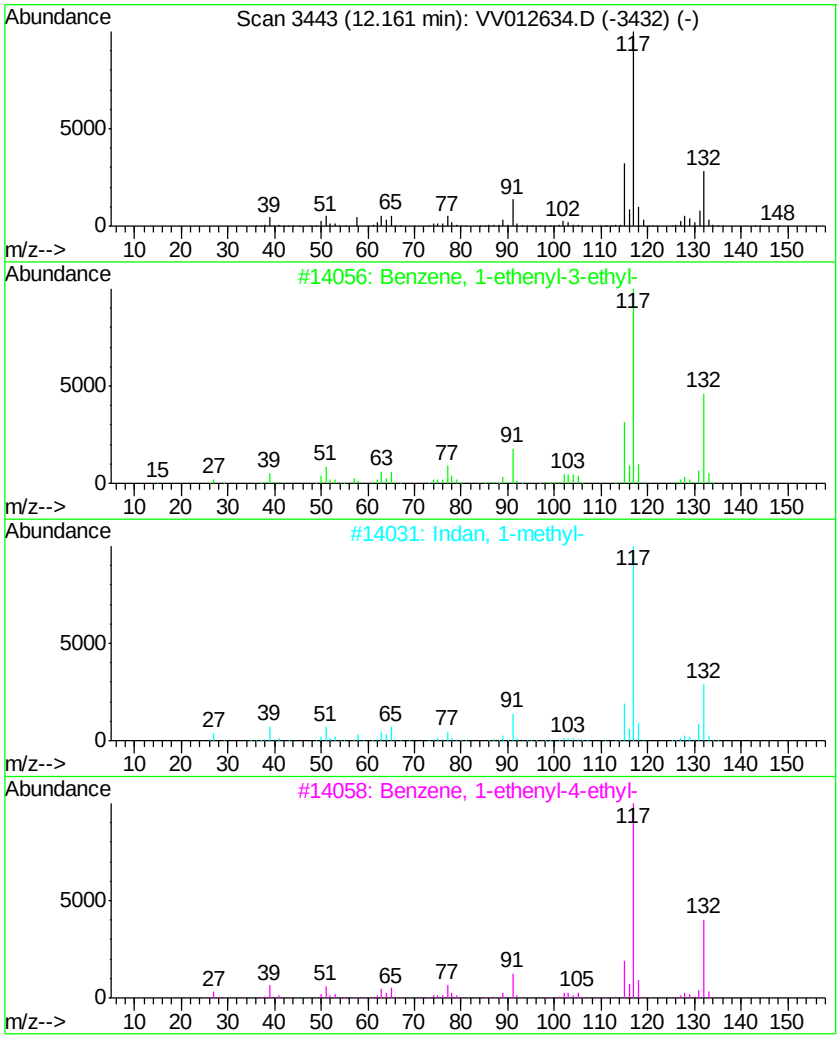
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

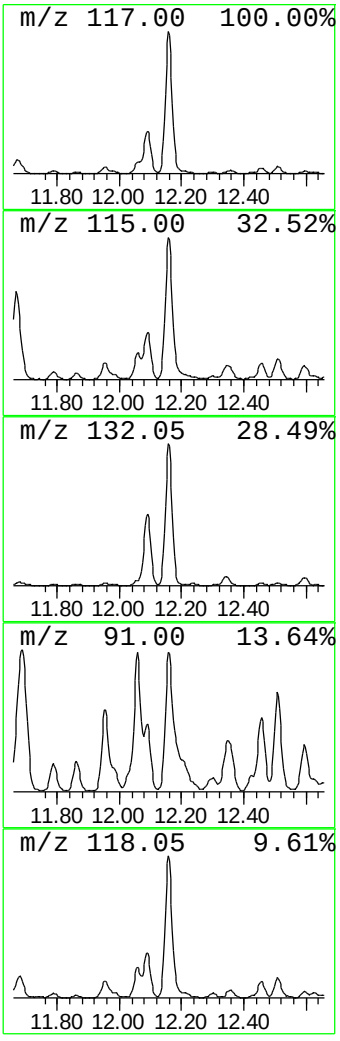
****

Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	8.95 ug/L	2606130	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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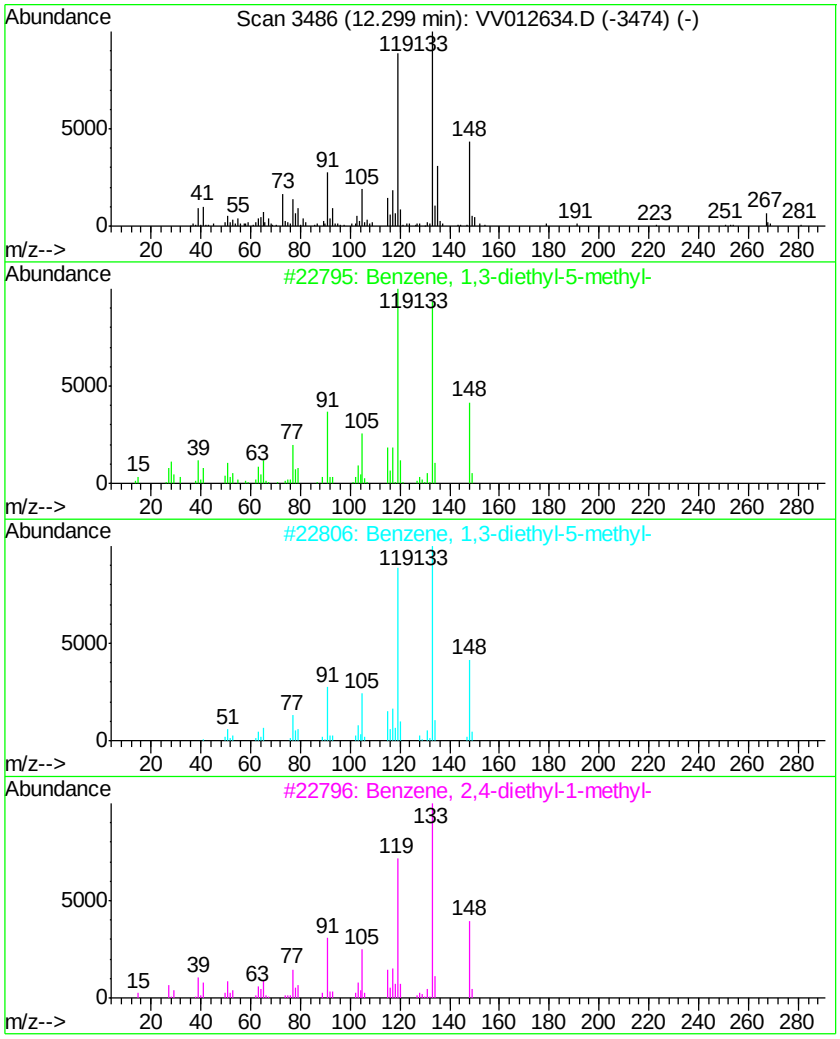
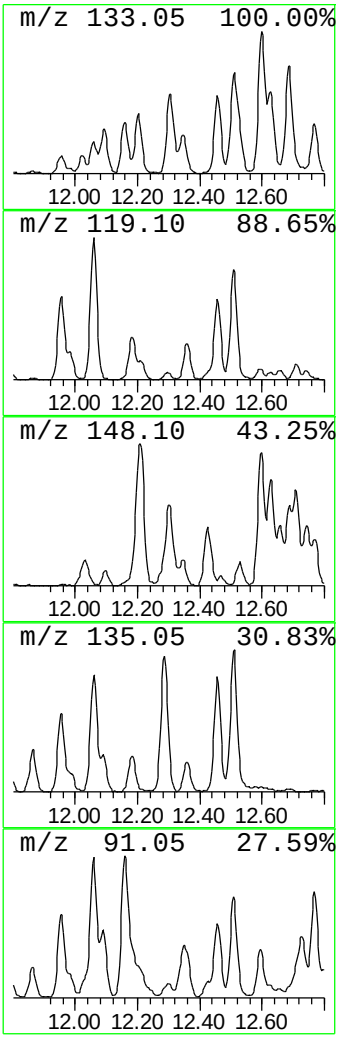
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	0.71 ug/L	206320	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	89
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	78
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	78
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	46
5	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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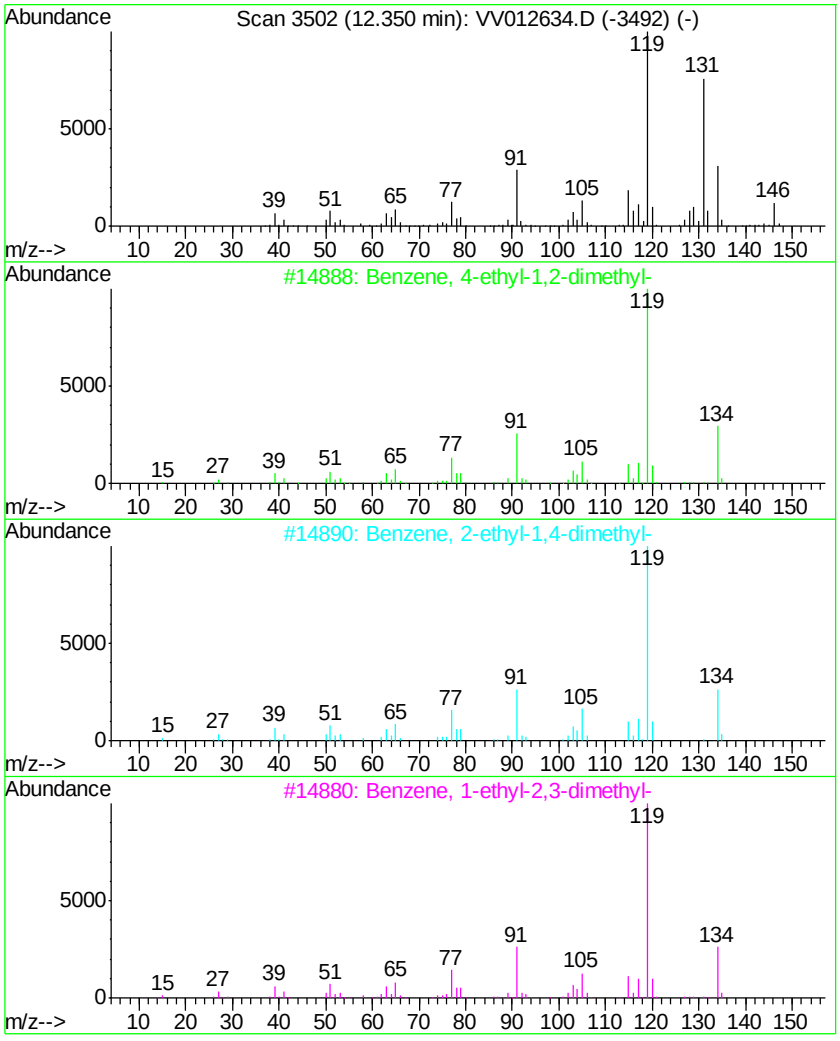
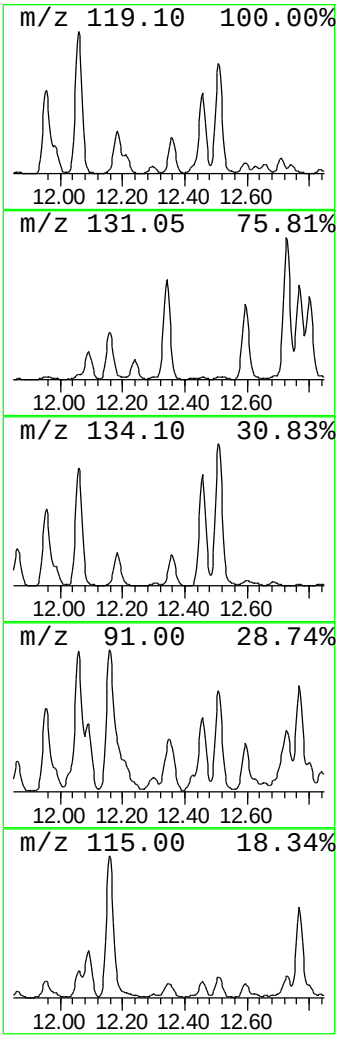
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.37 ug/L	689494	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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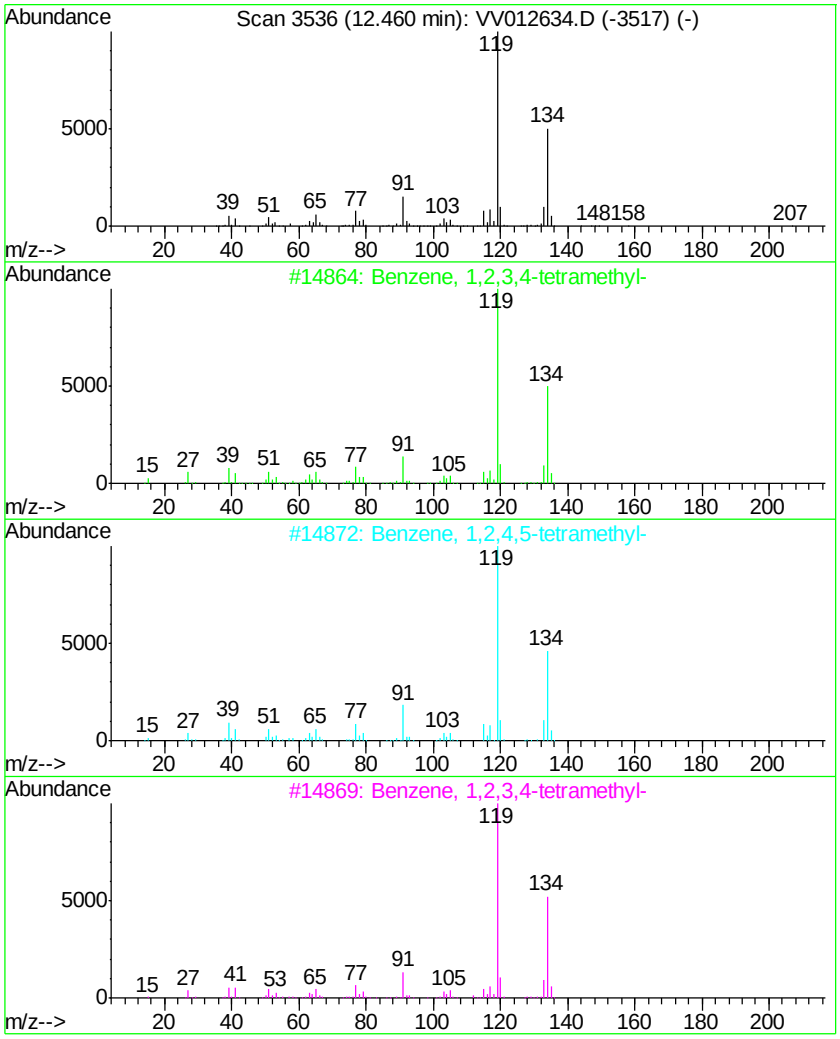
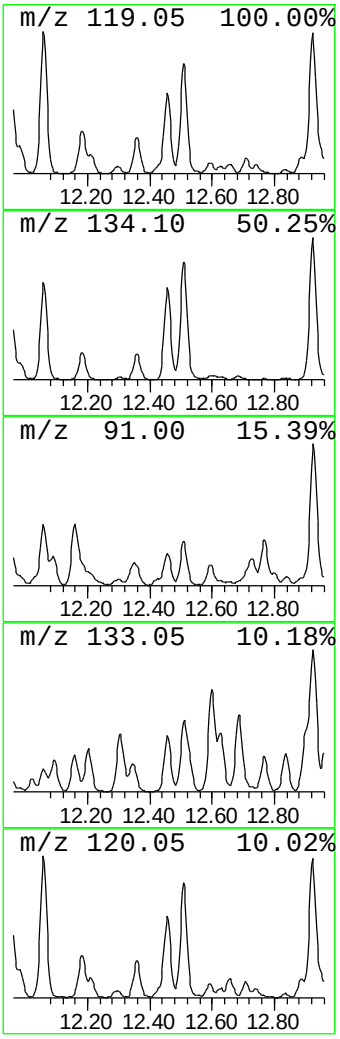
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.33 ug/L	969553	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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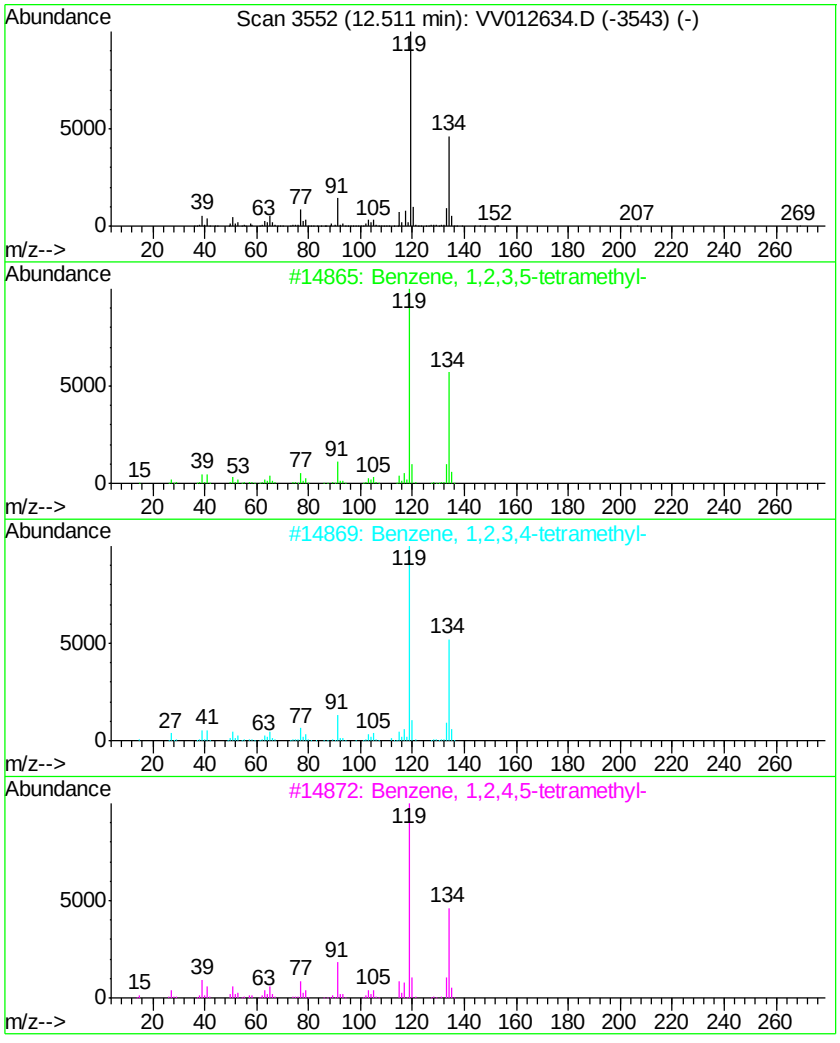
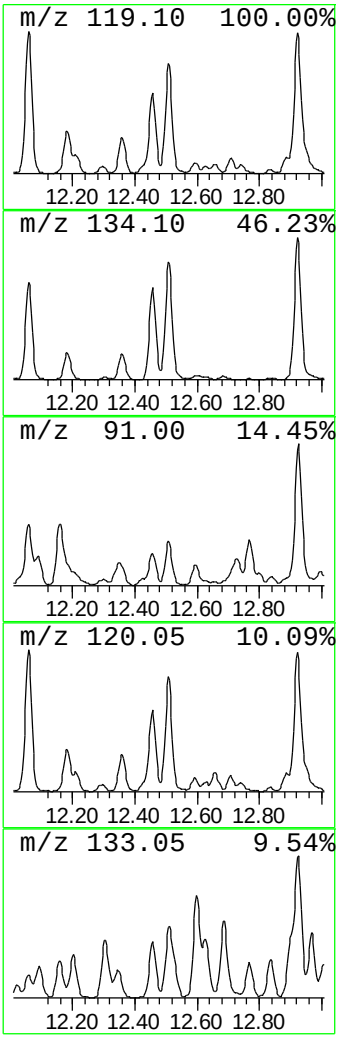
Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.02 ug/L	1169040	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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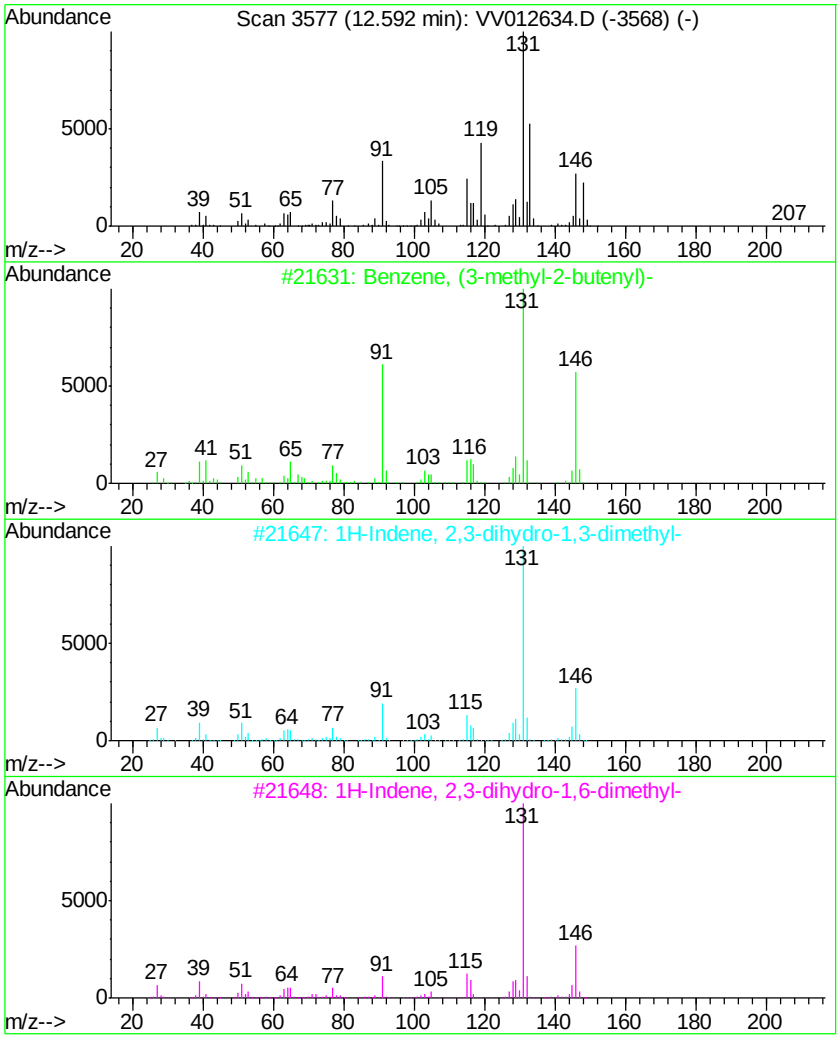
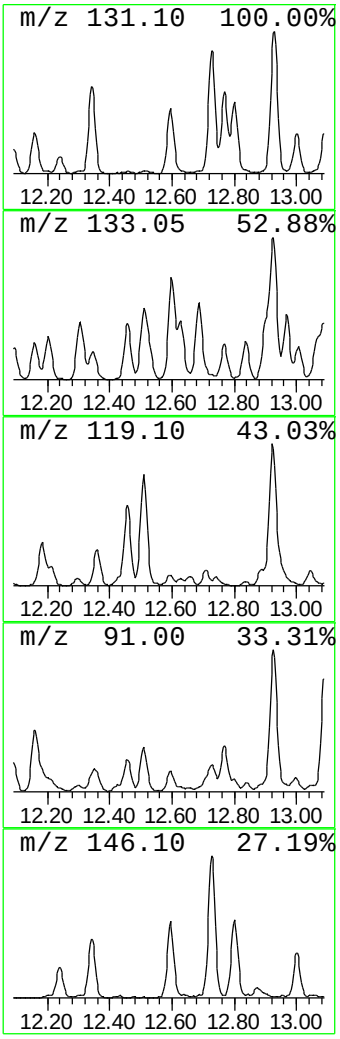
Peak Number 21 Benzene, (3-methyl-2-butenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	1.62 ug/L	472019	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	78
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	78





Library Search Compound Report

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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

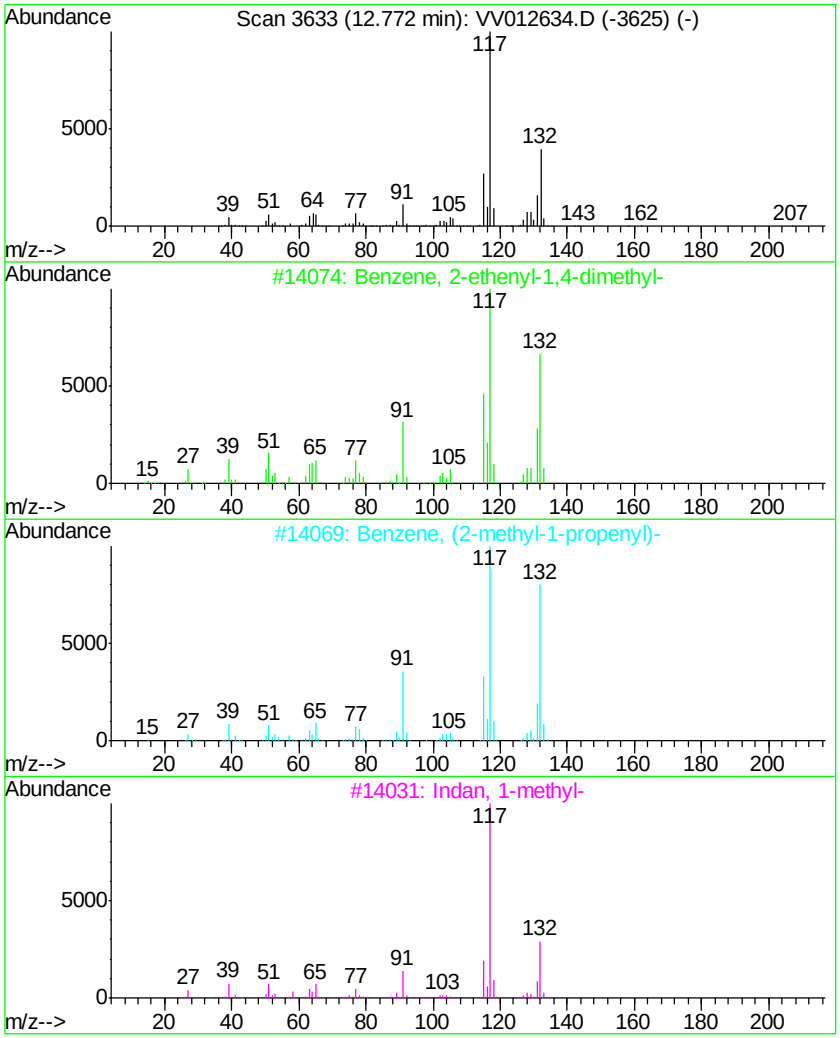
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

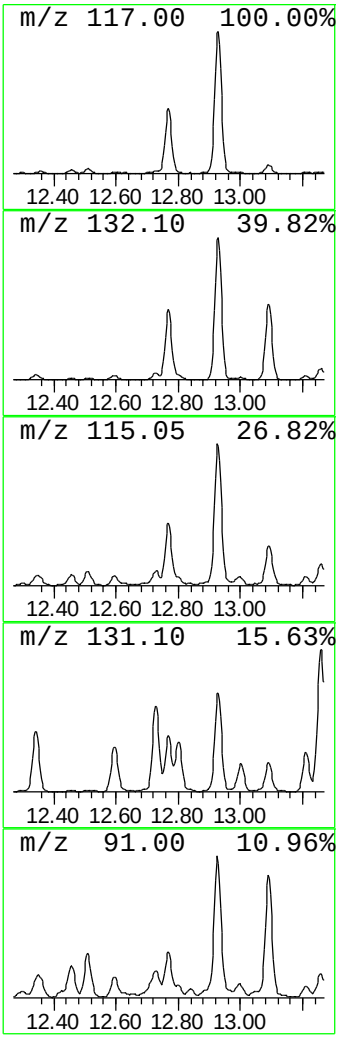
****

Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.05 ug/L	1180080	1,4-Dichlorobenzene-d4	11.29

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-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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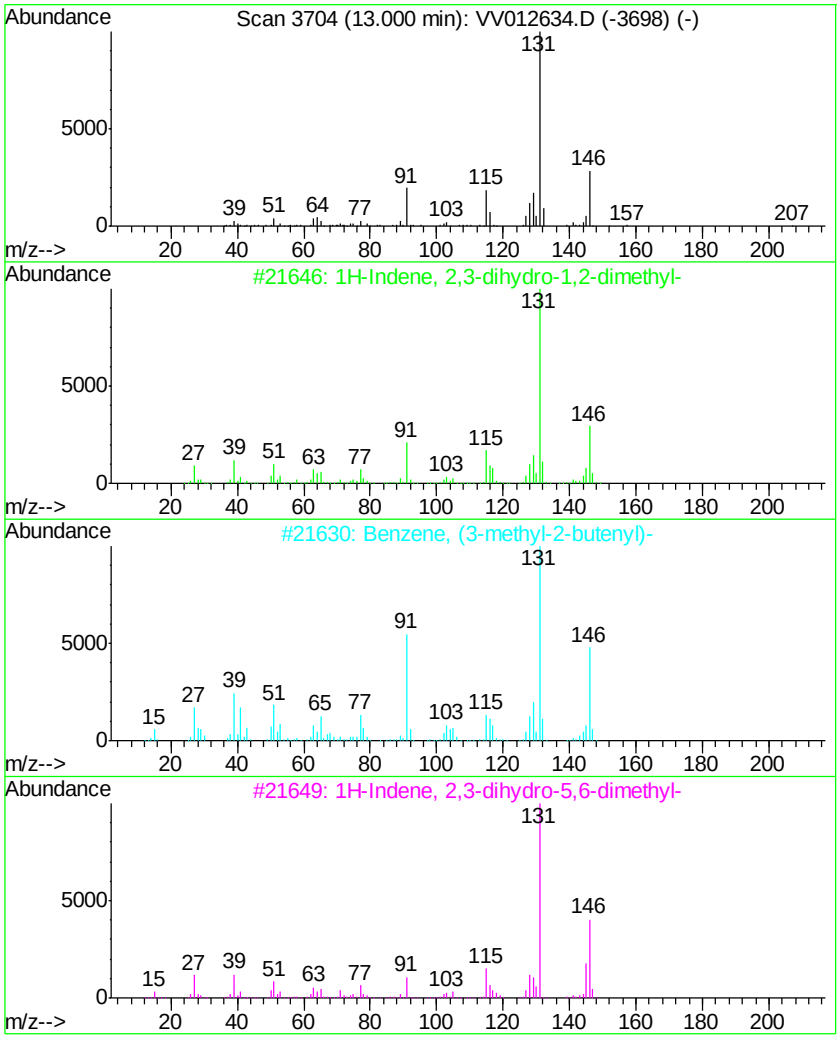
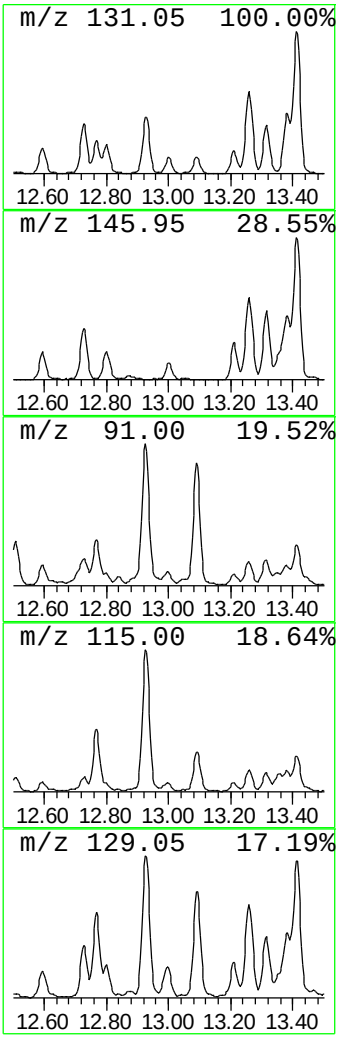
Peak Number 25 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	0.86 ug/L	251559	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

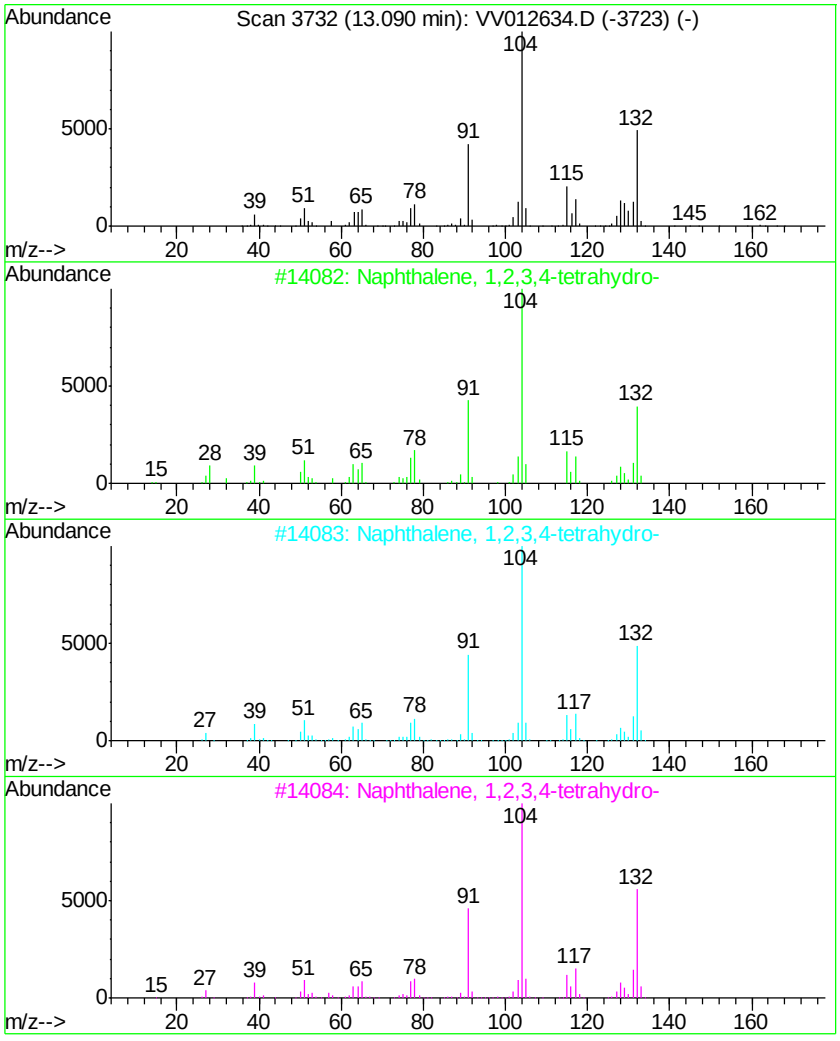
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

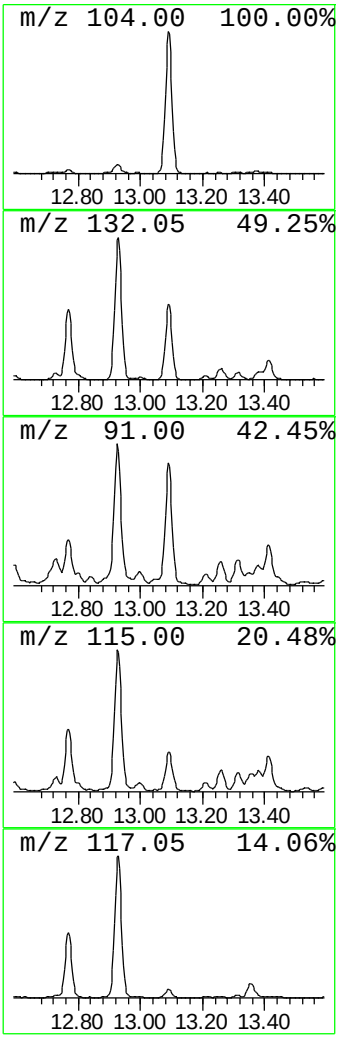
****

Peak Number 26 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.68 ug/L	1654330	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Indan, epoxide	132	C9H8O	000768-22-9	53





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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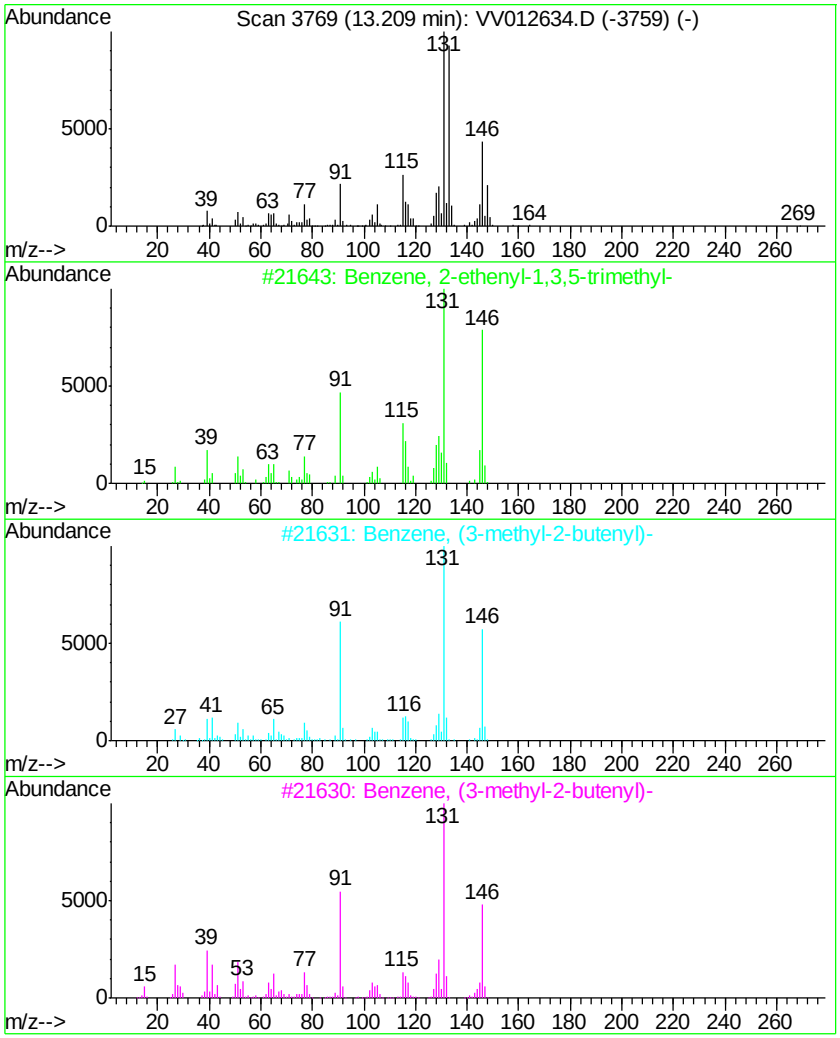
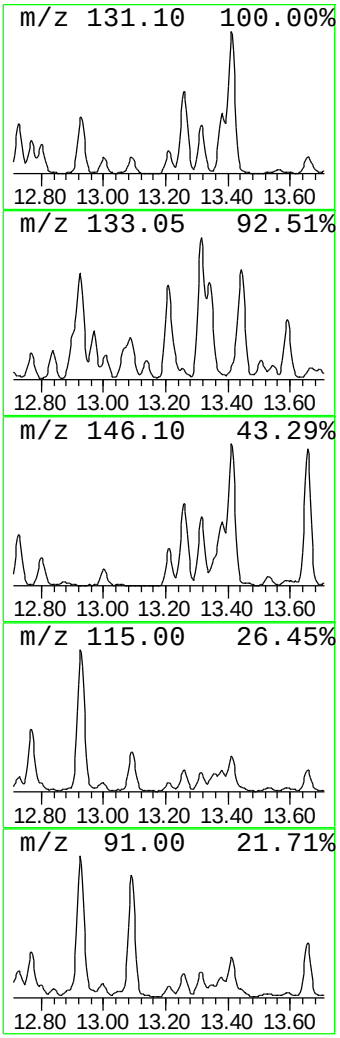
Peak Number 27 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	1.49 ug/L	433553	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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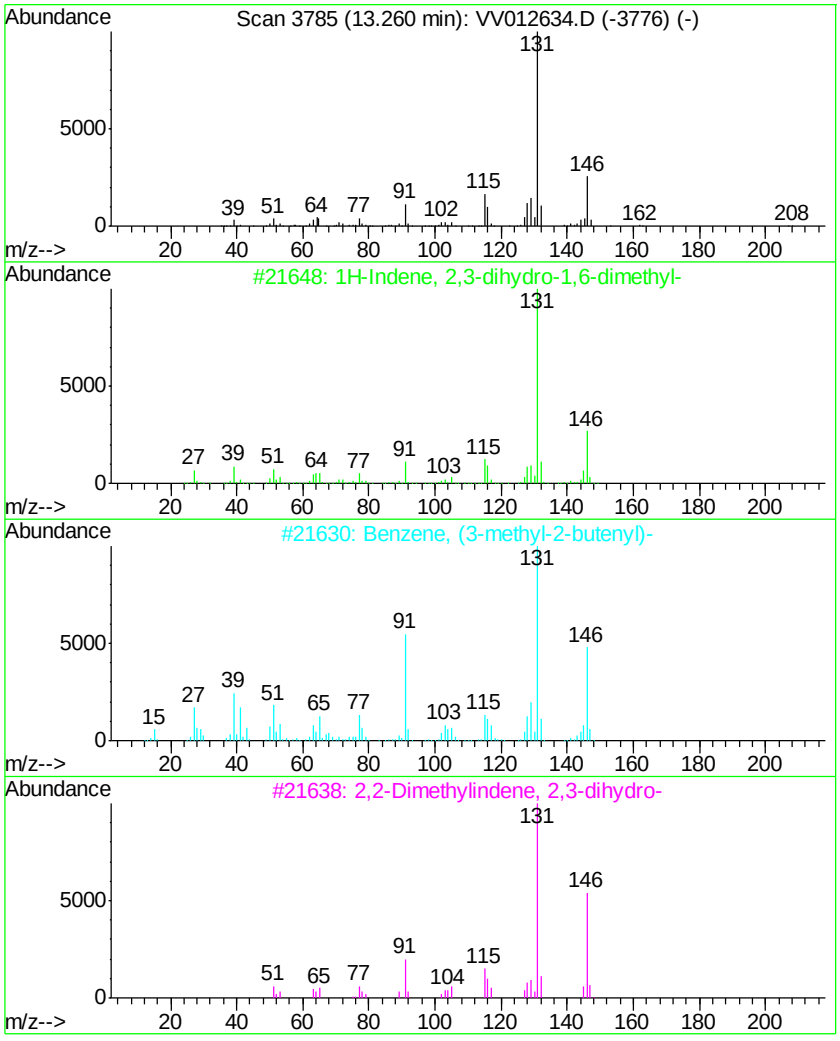
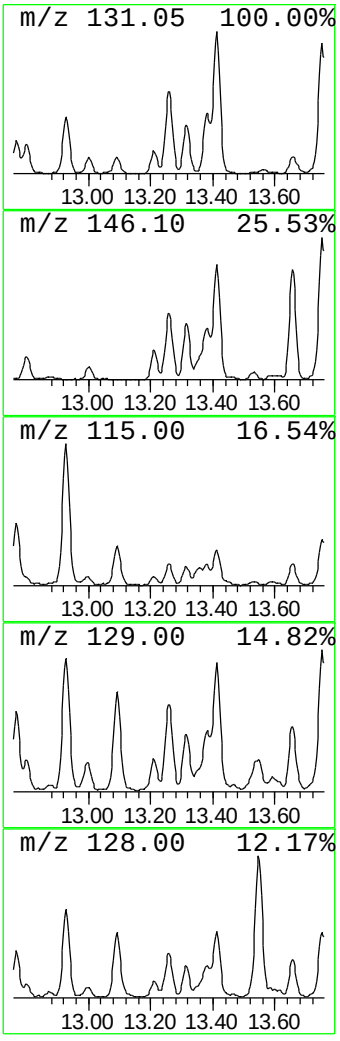
Peak Number 28 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.07 ug/L	892722	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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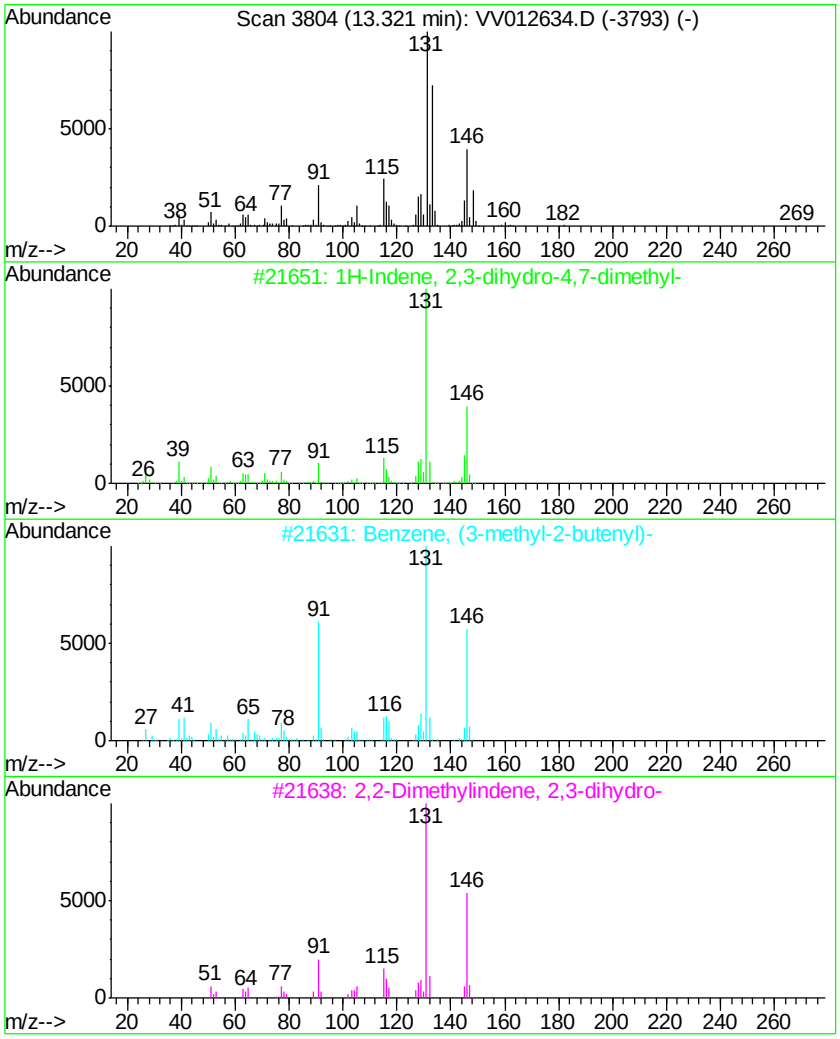
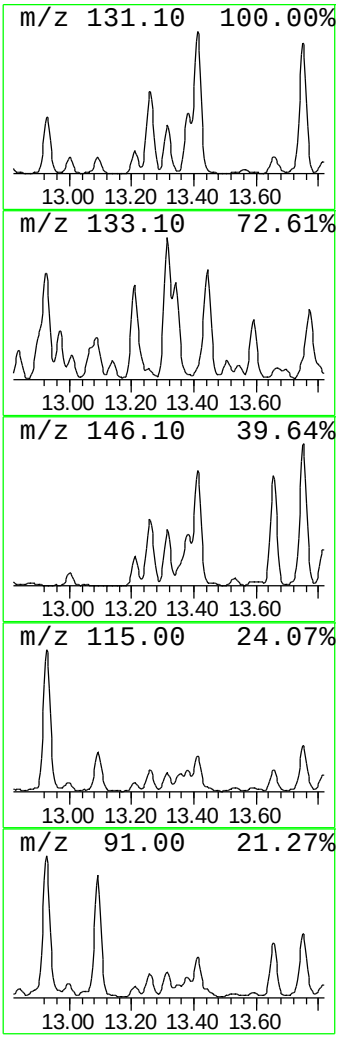
Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.16 ug/L	920874	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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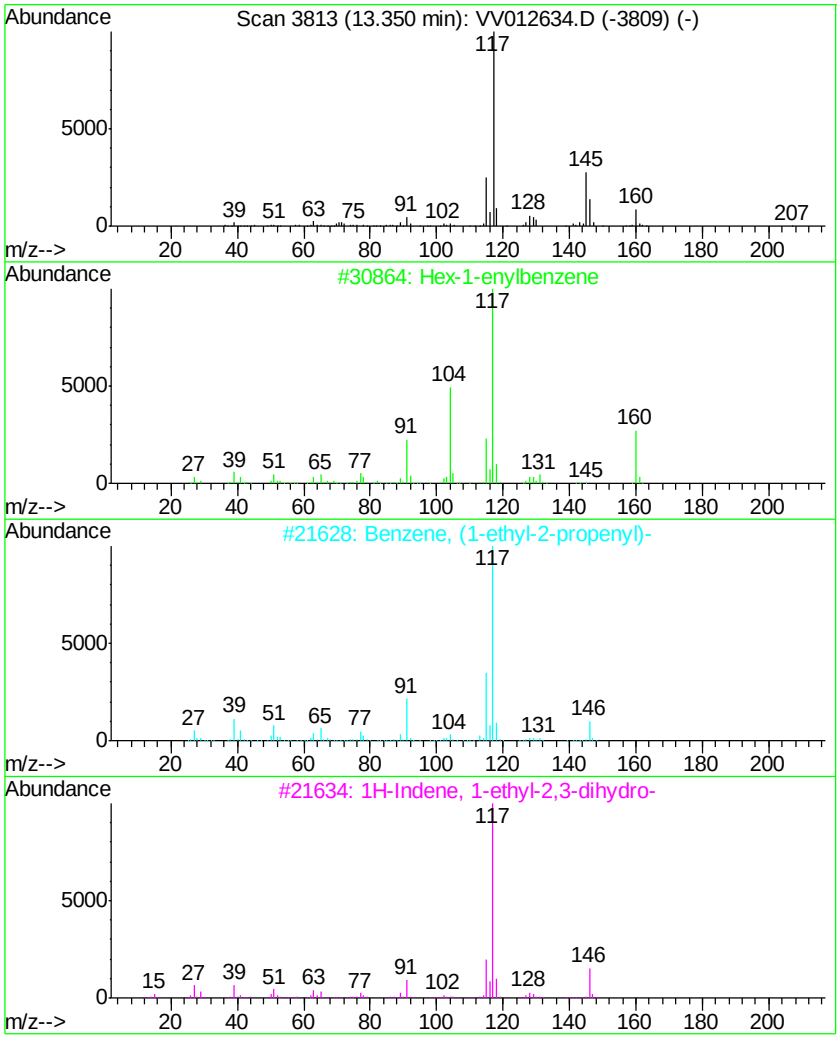
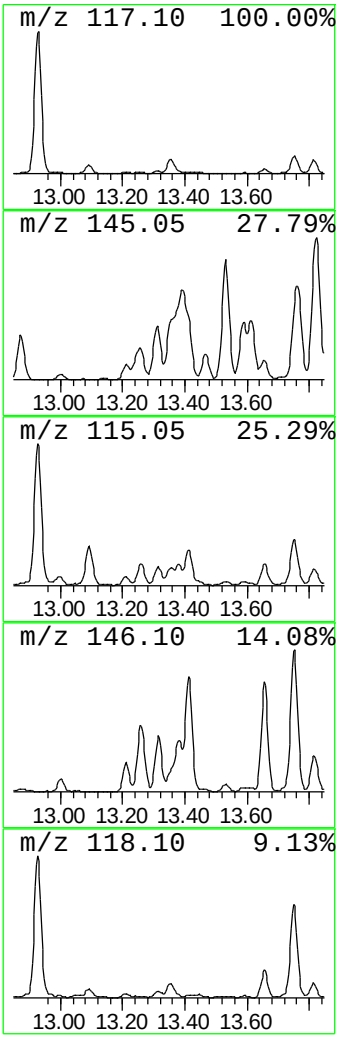
Peak Number 30 Hex-1-enylbenzene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	1.29 ug/L	375438	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hex-1-enylbenzene	160	C12H16	000828-15-9	74
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59





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Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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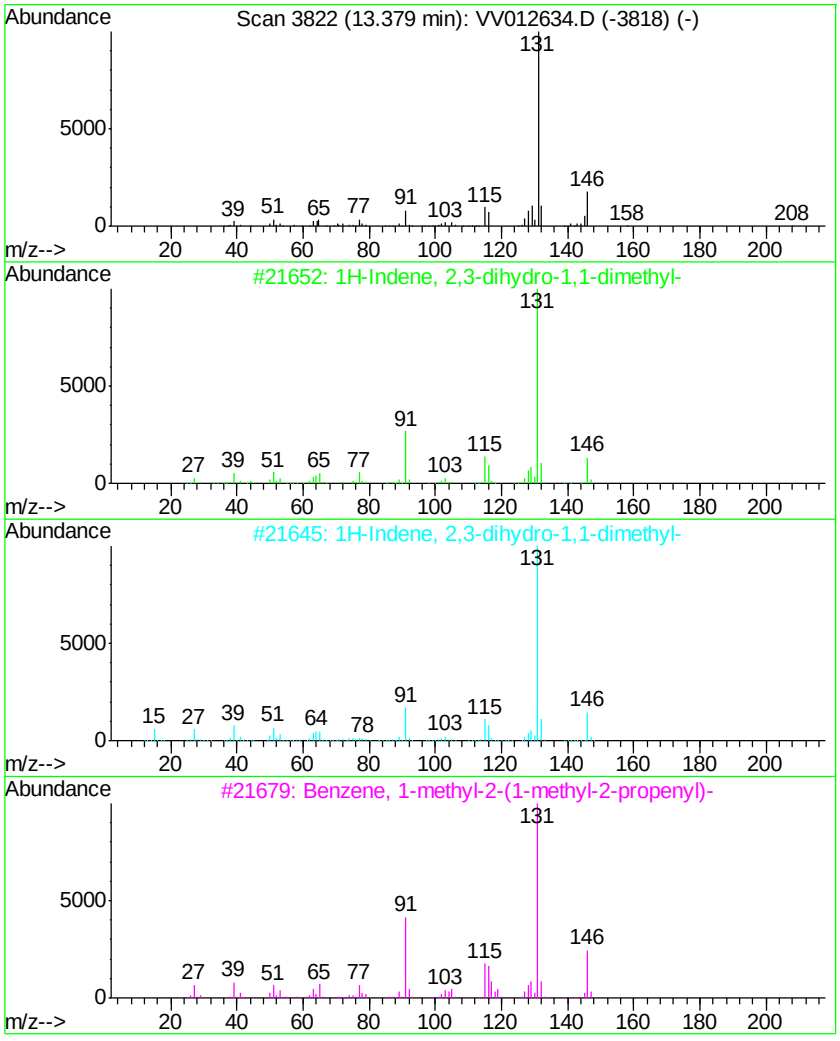
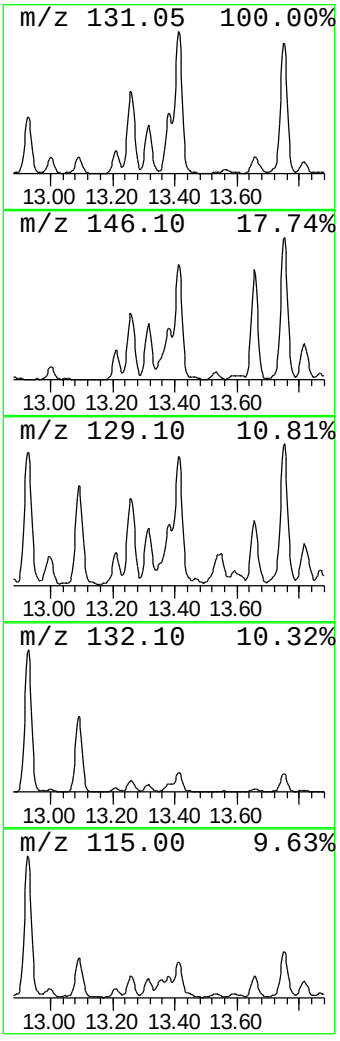
Peak Number 31 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.09 ug/L	607963	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	86
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	72
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	72
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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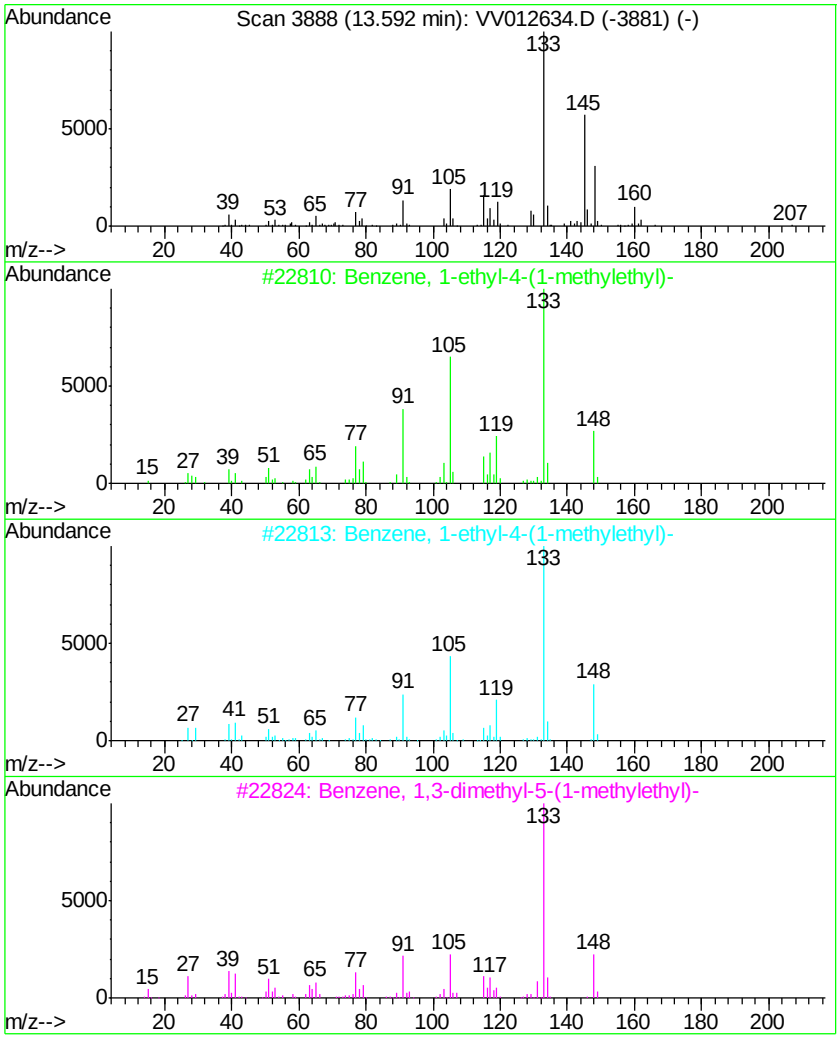
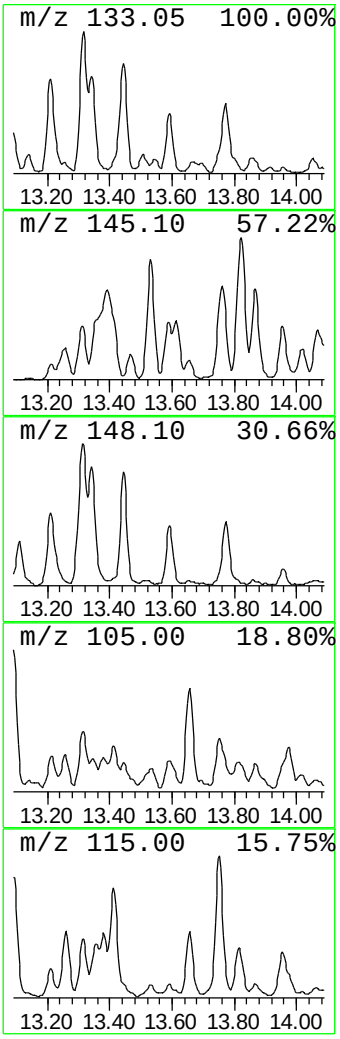
Peak Number 34 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	0.85 ug/L	246850	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	53
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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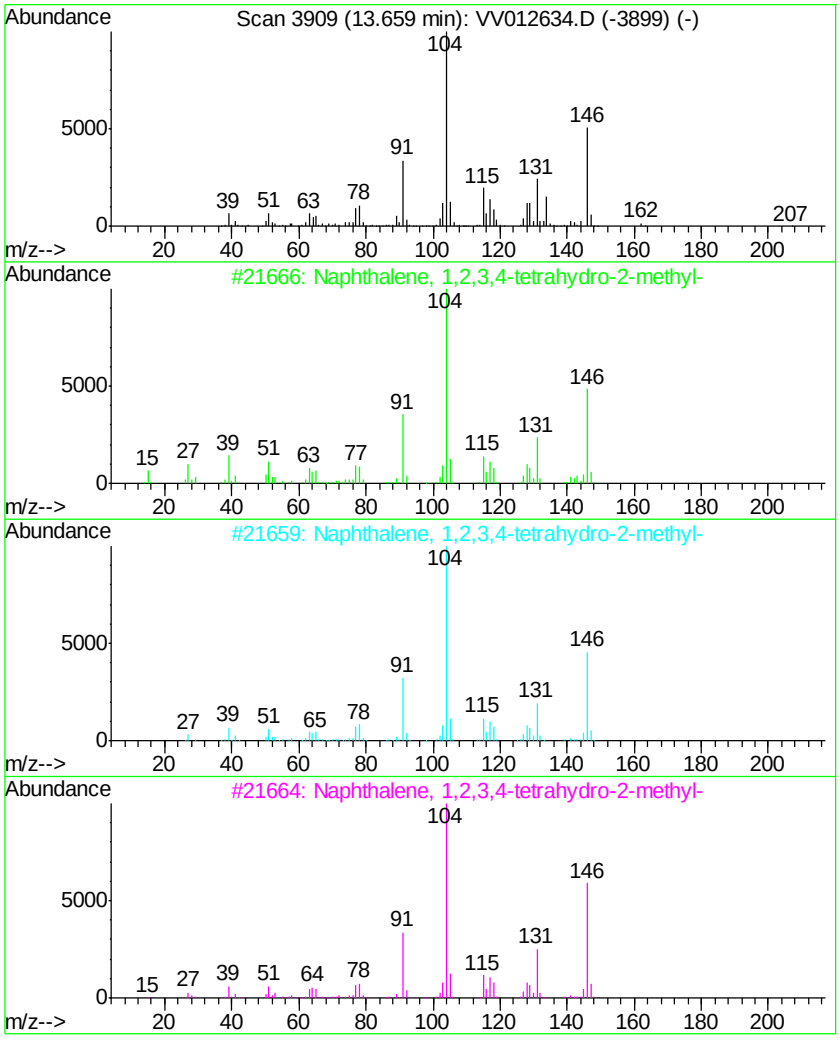
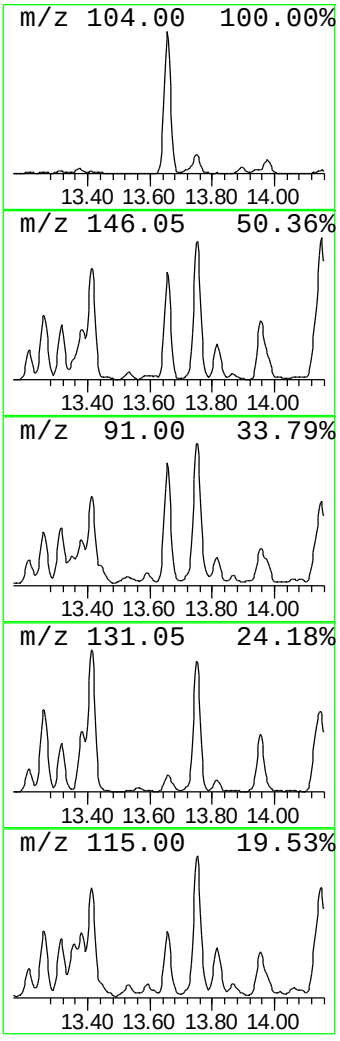
Peak Number 35 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.76 ug/L	1094950	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	74
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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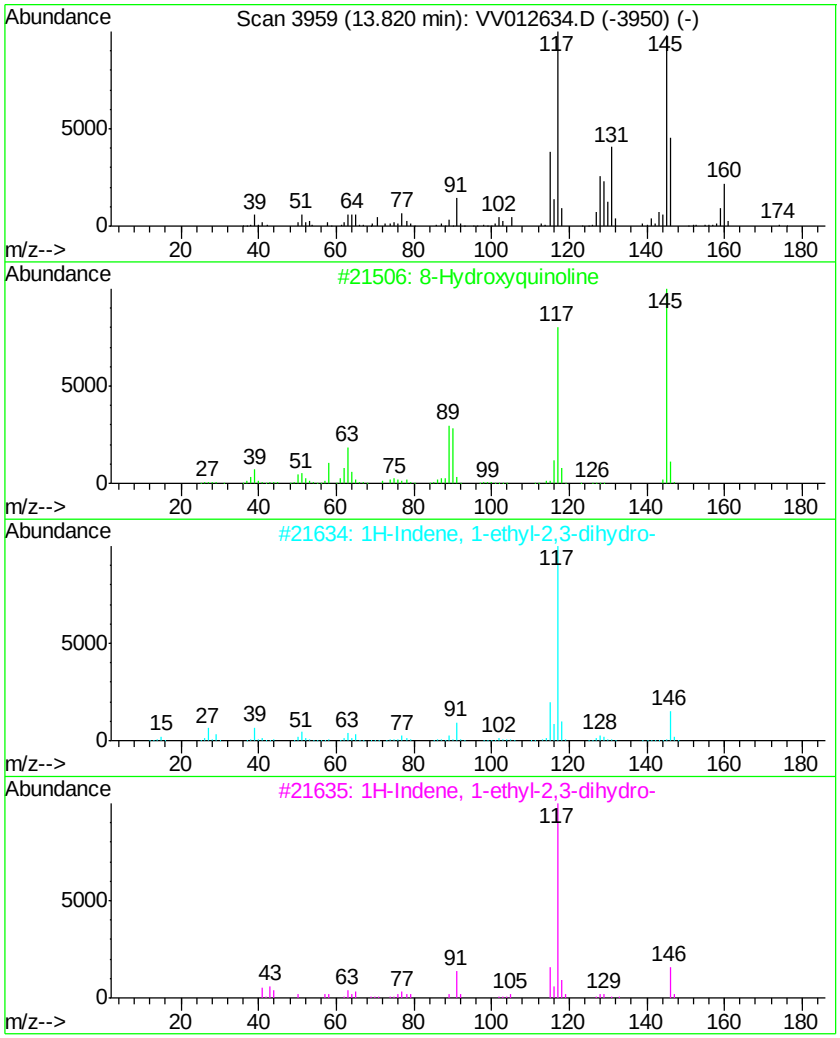
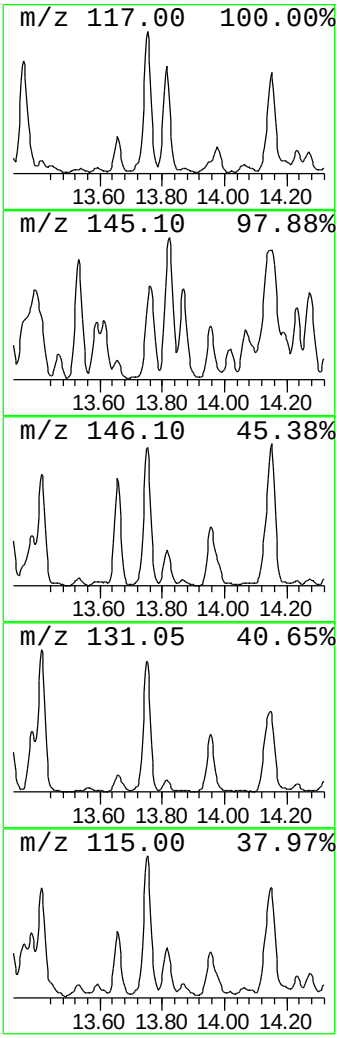
Peak Number 37 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	1.94 ug/L	563795	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	43
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	38
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	38
4	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	38
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0

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

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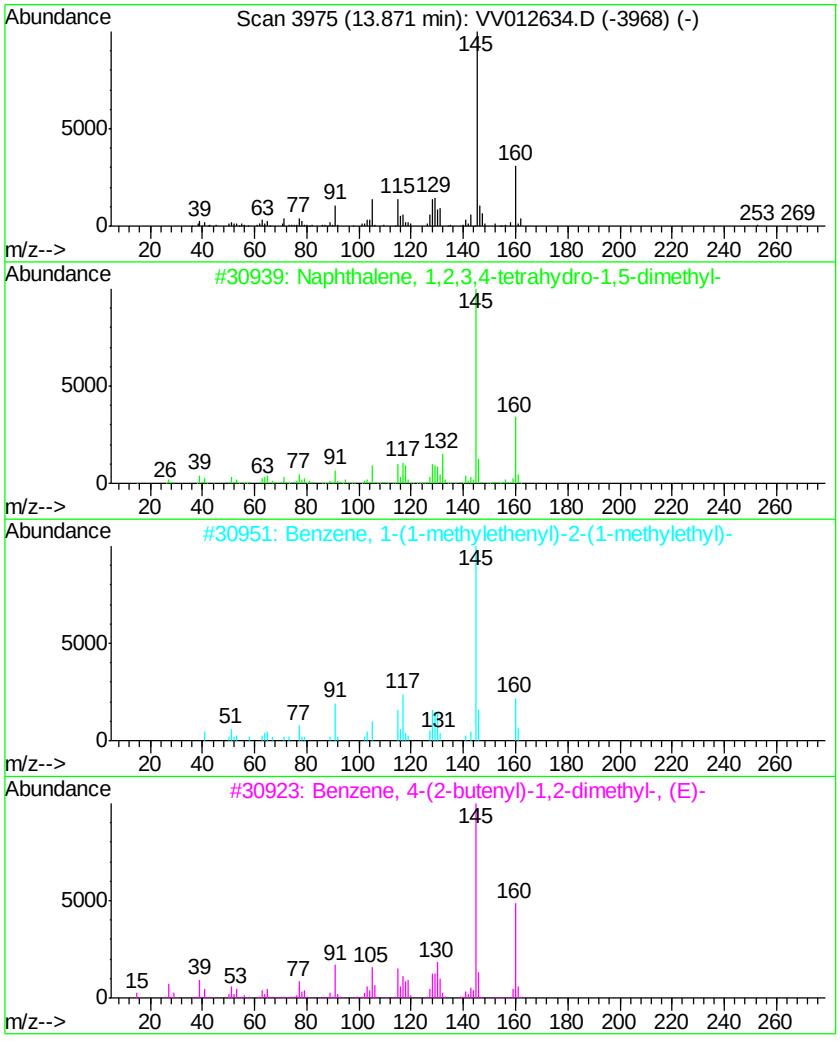
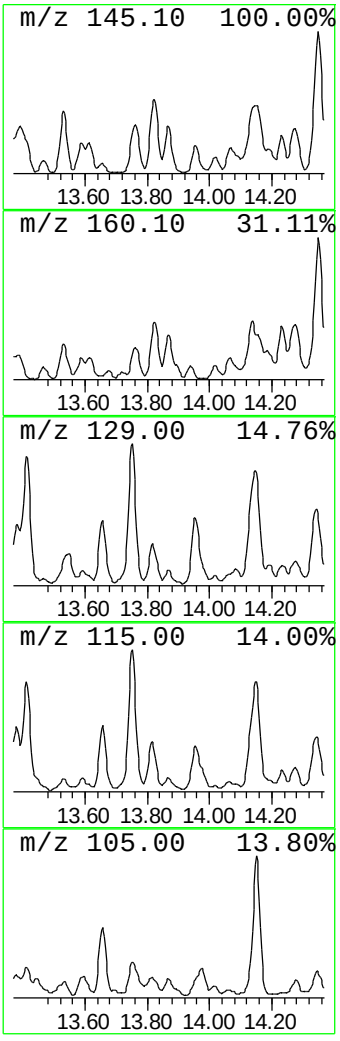
Peak Number 38 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	0.63 ug/L	182358	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012634.D
Acq On : 09 Sep 2019 20:28
Operator : SY/MD
Sample : K4724-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.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
Sulfur dioxide	1.21	0.9	ug/L	163161	1	5.66	951761	5.0
Benzene, propyl-	10.40	1.8	ug/L	522965	3	11.29	1455380	5.0
Benzene, 1-ethyl-...	10.78	5.3	ug/L	1544040	3	11.29	1455380	5.0
Benzene, 1,2,3-tr...	10.96	2.6	ug/L	766126	3	11.29	1455380	5.0
Oxirane, 2-methyl...	11.13	1.3	ug/L	381671	3	11.29	1455380	5.0
Benzene, 1-methyl...	11.23	1.2	ug/L	343062	3	11.29	1455380	5.0
Indane	11.57	8.9	ug/L	2598500	3	11.29	1455380	5.0
Benzene, 1,2-diet...	11.79	0.9	ug/L	259329	3	11.29	1455380	5.0
Benzene, 1-methyl...	11.86	1.7	ug/L	498032	3	11.29	1455380	5.0
Benzene, 2-ethyl-...	11.95	3.1	ug/L	912713	3	11.29	1455380	5.0
Benzene, 1-ethyl-...	12.06	5.0	ug/L	1445970	3	11.29	1455380	5.0
1-Phenyl-1-butene	12.09	2.5	ug/L	718786	3	11.29	1455380	5.0
Benzene, 1-etheny...	12.16	8.9	ug/L	2606130	3	11.29	1455380	5.0
Benzene, 1,3-diet...	12.30	0.7	ug/L	206320	3	11.29	1455380	5.0
Benzene, 4-ethyl-...	12.35	2.4	ug/L	689494	3	11.29	1455380	5.0
Benzene, 1,2,3,4-...	12.46	3.3	ug/L	969553	3	11.29	1455380	5.0
Benzene, 1,2,3,5-...	12.51	4.0	ug/L	1169040	3	11.29	1455380	5.0
Benzene, (3-methy...	12.59	1.6	ug/L	472019	3	11.29	1455380	5.0
Benzene, 2-etheny...	12.77	4.0	ug/L	1180080	3	11.29	1455380	5.0
1H-Indene, 2,3-di...	13.00	0.9	ug/L	251559	3	11.29	1455380	5.0
Naphthalene, 1,2,...	13.09	5.7	ug/L	1654330	3	11.29	1455380	5.0
Benzene, 2-etheny...	13.21	1.5	ug/L	433553	3	11.29	1455380	5.0
1H-Indene, 2,3-di...	13.26	3.1	ug/L	892722	3	11.29	1455380	5.0
1H-Indene, 2,3-di...	13.32	3.2	ug/L	920874	3	11.29	1455380	5.0
Hex-1-enylbenzene	13.35	1.3	ug/L	375438	3	11.29	1455380	5.0
1H-Indene, 2,3-di...	13.38	2.1	ug/L	607963	3	11.29	1455380	5.0
Benzene, 1-ethyl-...	13.59	0.8	ug/L	246850	3	11.29	1455380	5.0
Naphthalene, 1,2,...	13.66	3.8	ug/L	1094950	3	11.29	1455380	5.0
unknown-01	13.82	1.9	ug/L	563795	3	11.29	1455380	5.0
Naphthalene, 1,2,...	13.87	0.6	ug/L	182358	3	11.29	1455380	5.0