LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

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\SOMVTR042220WMA.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	1.312	61	69	81	rVB	52379	60290	1.21%	0.100%
2	1.576	144	151	168	rVB	46505	59037	1.18%	0.098%
3	2.122	310	321	340	rVB	80651	128979	2.58%	0.213%
4	3.942	872	887	915	rBV2	32871	132092	2.64%	0.218%
5	4.380	1006	1023	1047	rBV2	75208	209370	4.19%	0.346%
6	5.074	1222	1239	1272	rBV2	146563	398173	7.96%	0.658%
7	5.643	1403	1416	1438	rBV	152021	307874	6.16%	0.509%
8	6.055	1531	1544	1549	rBV2	45324	79766	1.60%	0.132%
9	6.093	1549	1556	1571	rVB	86275	173459	3.47%	0.287%
10	7.010	1831	1841	1866	rBV	39366	74636	1.49%	0.123%
11	7.338	1932	1943	1955	rBV	168466	293095	5.86%	0.485%
12	7.412	1955	1966	1986	rVB	234174	411064	8.22%	0.680%
13	7.862	2095	2106	2123	rVB	95265	158163	3.16%	0.262%
14	8.113	2168	2184	2215	rBV	217121	431397	8.63%	0.713%
15	8.875	2412	2421	2434	rBV	231324	370222	7.40%	0.612%
16	9.032	2459	2470	2483	rBV	1217327	1881770	37.64%	3.111%
17	9.158	2497	2509	2523	rBV	1859277	2936173	58.73%	4.855%
18	9.232	2523	2532	2550	rVB2	206160	391960	7.84%	0.648%
19	9.563	2617	2635	2661	rVB	1153811	1885397	37.71%	3.117%
20	9.952	2742	2756	2780	rVB3	83799	214920	4.30%	0.355%
21	10.113	2796	2806	2815	rBV3	41037	69837	1.40%	0.115%
22	10.238	2829	2845	2856	rVB3	101586	196054	3.92%	0.324%
23	10.376	2876	2888	2894	rBV	244931	389680	7.79%	0.644%
24	10.469	2908	2917	2922	rBV	561501	872491	17.45%	1.443%
25	10.559	2935	2945	2953	rBV	252154	373439	7.47%	0.617%
26	10.604	2953	2959	2971	rVB2	71012	116544	2.33%	0.193%
27	10.759	2996	3007	3027	rVB	526779	851587	17.03%	1.408%
28	10.936	3047	3062	3075	rBV	1164295	1782626	35.65%	2.947%
29	11.010	3076	3085	3095	rVB2	162822	248285	4.97%	0.411%
30	11.074	3095	3105	3113	rBV5	53073	91816	1.84%	0.152%
31	11.154	3122	3130	3139	rBV	65930	98821	1.98%	0.163%
32	11.215	3139	3149	3155	rVV2	85323	153931	3.08%	0.255%
33	11.267	3156	3165	3179	rVB2	395991	702733	14.06%	1.162%
34	11.357	3182	3193	3203	rBV2	771235	1201703	24.04%	1.987%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

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\SOMVTR042220WMA.M
Title : TRACE VOA SOM01.0

35	11.418	3204	3212	3222	rVB	243387	355753	7.12%	0.588%
36	11.550	3243	3253	3263	rBV	895068	1449718	29.00%	2.397%
37	11.617	3263	3274	3278	rVV3	219415	524503	10.49%	0.867%
38	11.653	3279	3285	3301	rVB6	400390	845346	16.91%	1.398%
39	11.768	3310	3321	3329	rBV	957493	1479963	29.60%	2.447%
40	11.810	3330	3334	3338	rVV4	132810	173464	3.47%	0.287%
41	11.842	3339	3344	3358	rVB	171214	276635	5.53%	0.457%
42	11.932	3358	3372	3376	rBV4	218568	444441	8.89%	0.735%
43	11.961	3377	3381	3391	rVB	265477	352016	7.04%	0.582%
44	12.038	3392	3405	3411	rBV	275730	437520	8.75%	0.723%
45	12.080	3411	3418	3426	rVV2	145505	257483	5.15%	0.426%
46	12.138	3427	3436	3442	rVV	363730	571547	11.43%	0.945%
47	12.180	3442	3449	3458	rVV5	300068	533045	10.66%	0.881%
48	12.231	3459	3465	3473	rVB4	104310	160826	3.22%	0.266%
49	12.334	3487	3497	3504	rBV4	215777	393938	7.88%	0.651%
50	12.383	3504	3512	3522	rVB	750631	1132864	22.66%	1.873%
51	12.434	3522	3528	3533	rBV	68918	87037	1.74%	0.144%
52	12.482	3533	3543	3550	rBV3	1576616	3130409	62.61%	5.176%
53	12.530	3551	3558	3566	rVB	2529119	3626302	72.53%	5.996%
54	12.746	3613	3625	3641	rVB	593912	996266	19.93%	1.647%
55	12.820	3642	3648	3655	rVB2	52308	68708	1.37%	0.114%
56	12.907	3657	3675	3685	rBV3	948086	1649487	32.99%	2.727%
57	12.968	3686	3694	3706	rVB	984148	1491279	29.83%	2.466%
58	13.077	3717	3728	3745	rVB	1264147	1982641	39.66%	3.278%
59	13.190	3749	3763	3771	rBV8	97863	270507	5.41%	0.447%
60	13.244	3772	3780	3787	rVV2	302229	426452	8.53%	0.705%
61	13.289	3787	3794	3803	rVV3	220584	340340	6.81%	0.563%
62	13.456	3840	3846	3854	rVB	111892	154510	3.09%	0.255%
63	13.524	3855	3867	3874	rBV	3069157	4999671	100.00%	8.267%
64	13.563	3875	3879	3892	rVB2	1096387	1978637	39.58%	3.272%
65	13.688	3908	3918	3927	rBV	2229857	3433178	68.67%	5.677%
66	13.733	3927	3932	3941	rVB2	280019	397421	7.95%	0.657%
67	13.788	3941	3949	3959	rVB2	528704	778223	15.57%	1.287%
68	13.842	3959	3966	3983	rVB3	105018	187889	3.76%	0.311%
69	13.932	3985	3994	4003	rBV2	133669	235313	4.71%	0.389%
70	14.003	4004	4016	4029	rVB8	117168	335291	6.71%	0.554%
71	14.064	4030	4035	4041	rVB2	60090	74011	1.48%	0.122%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

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\SOMVTR042220WMA.M
Title : TRACE VOA SOM01.0

72	14.116	4042	4051	4060	rBV4	162872	390951	7.82%	0.646%
73	14.215	4076	4082	4084	rBV5	64703	74317	1.49%	0.123%
74	14.315	4108	4113	4134	rVB4	206256	414954	8.30%	0.686%
75	14.460	4151	4158	4168	rBV2	209760	384204	7.68%	0.635%
76	14.588	4189	4198	4206	rBV2	428321	655303	13.11%	1.084%
77	14.649	4206	4217	4227	rVV3	674549	1553861	31.08%	2.569%
78	14.704	4227	4234	4248	rVB	442260	694663	13.89%	1.149%
79	14.842	4266	4277	4288	rBV2	680846	1185308	23.71%	1.960%
80	14.897	4288	4294	4304	rVB3	142437	221674	4.43%	0.367%
81	15.071	4337	4348	4358	rBV2	153582	260997	5.22%	0.432%
82	15.125	4359	4365	4383	rVB6	40477	103170	2.06%	0.171%
83	15.363	4431	4439	4450	rBV5	78028	158261	3.17%	0.262%
84	15.575	4499	4505	4513	rVB5	54188	77327	1.55%	0.128%
85	15.691	4532	4541	4558	rVB3	100845	225831	4.52%	0.373%
86	15.839	4578	4587	4593	rBV	127244	192377	3.85%	0.318%
87	15.874	4593	4598	4609	rVB2	74725	106741	2.13%	0.176%

Sum of corrected areas: 60479957

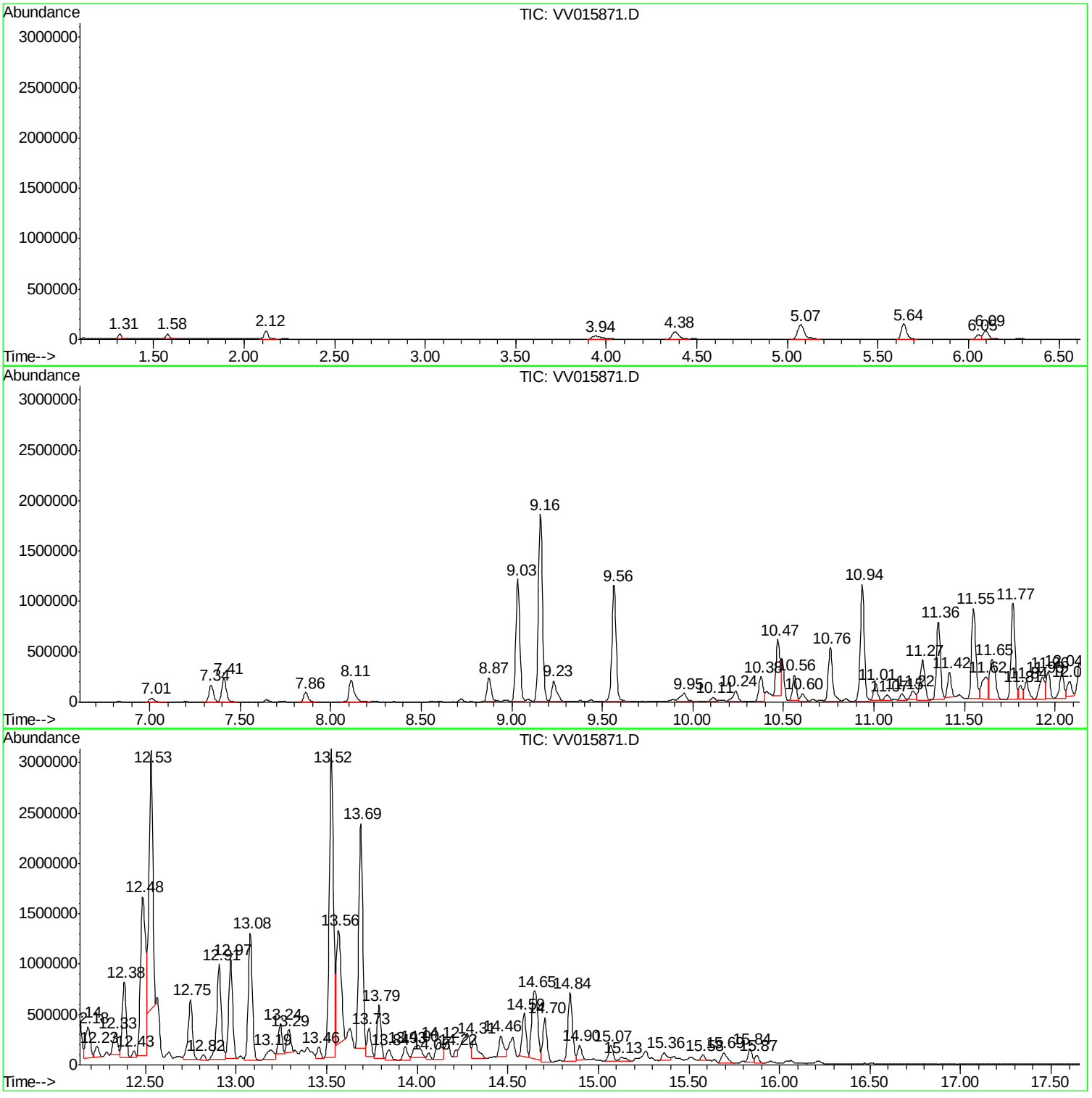
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

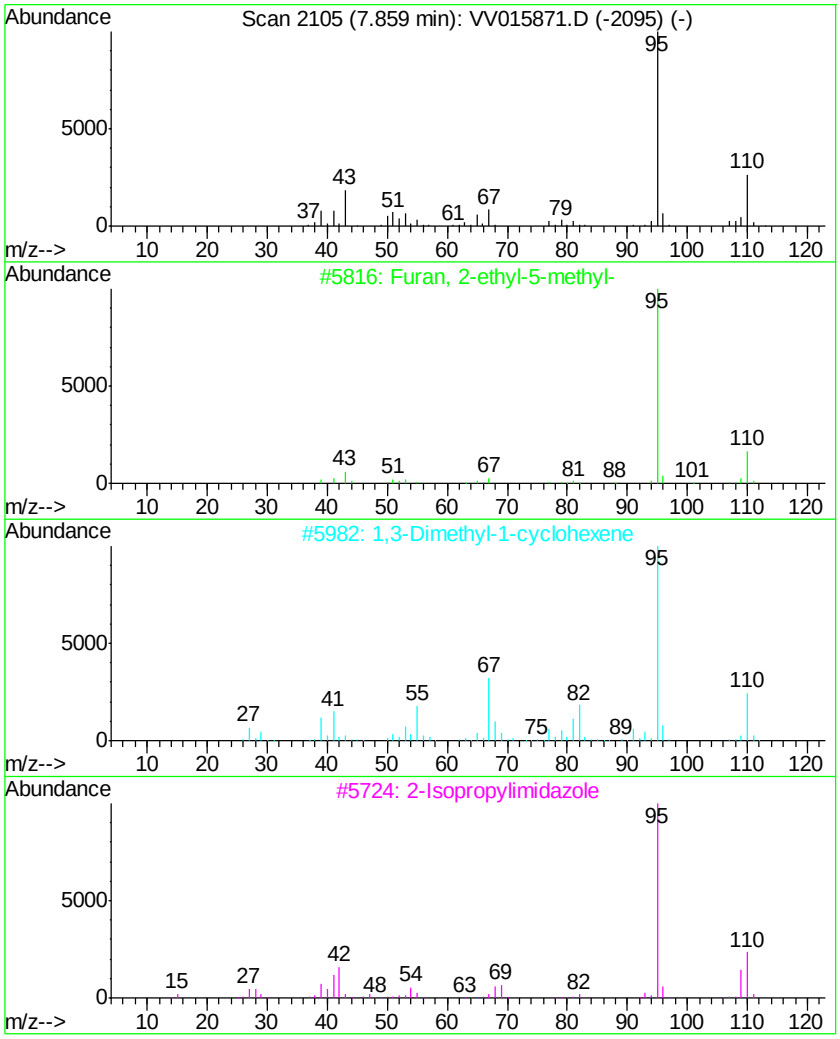
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

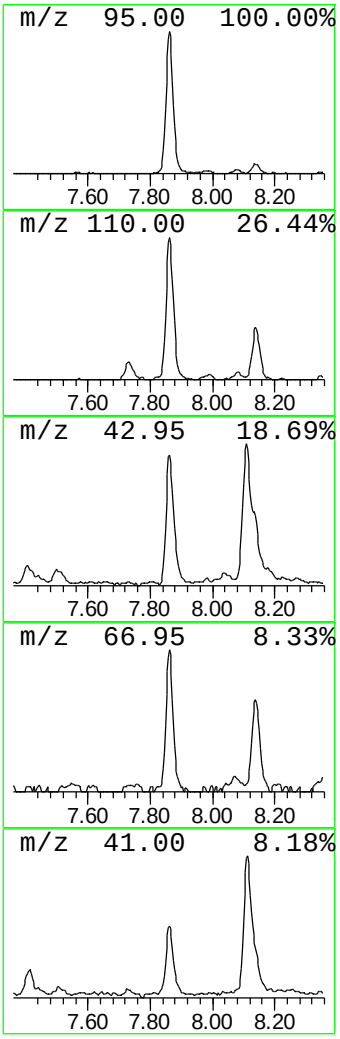
****

Peak Number 2 Furan, 2-ethyl-5-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.14 ug/L	158163	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	90
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
3	2-Isopropylimidazole	110	C6H10N2	036947-68-9	80
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	78
5	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

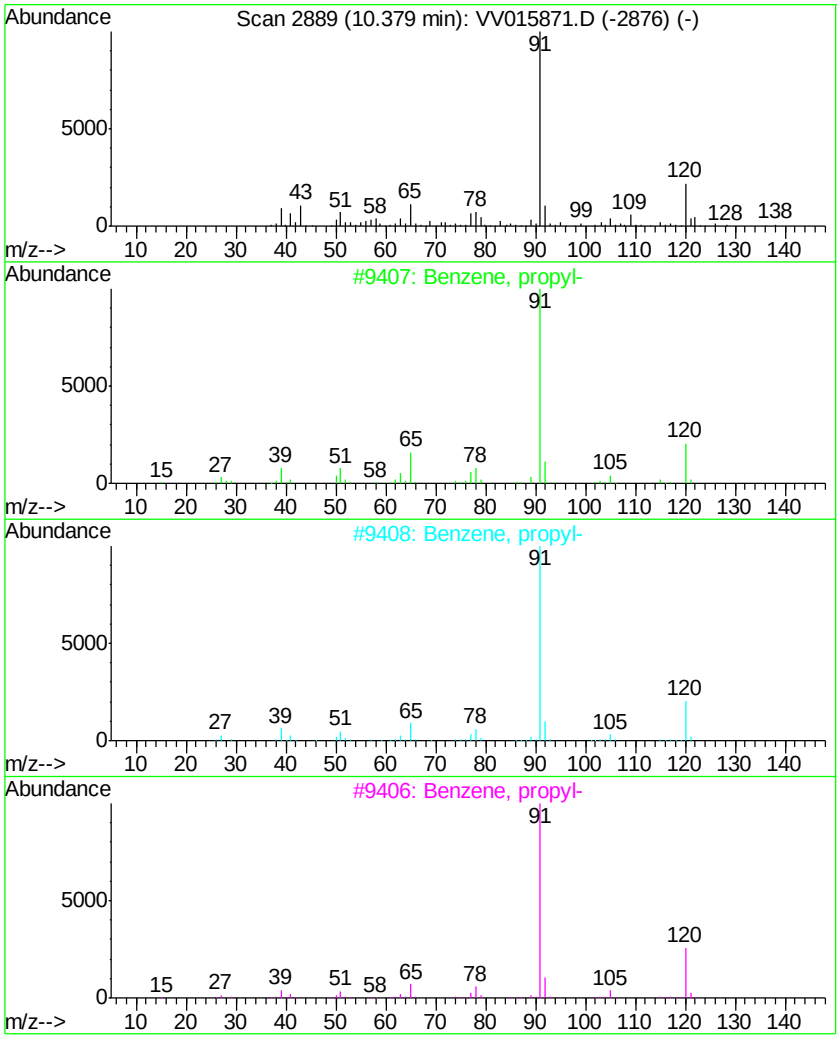
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

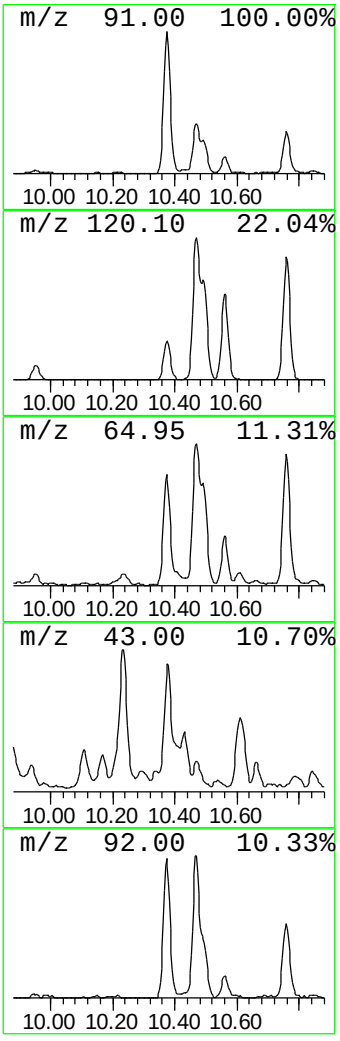
****

Peak Number 4 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.77 ug/L	389680	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	64
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

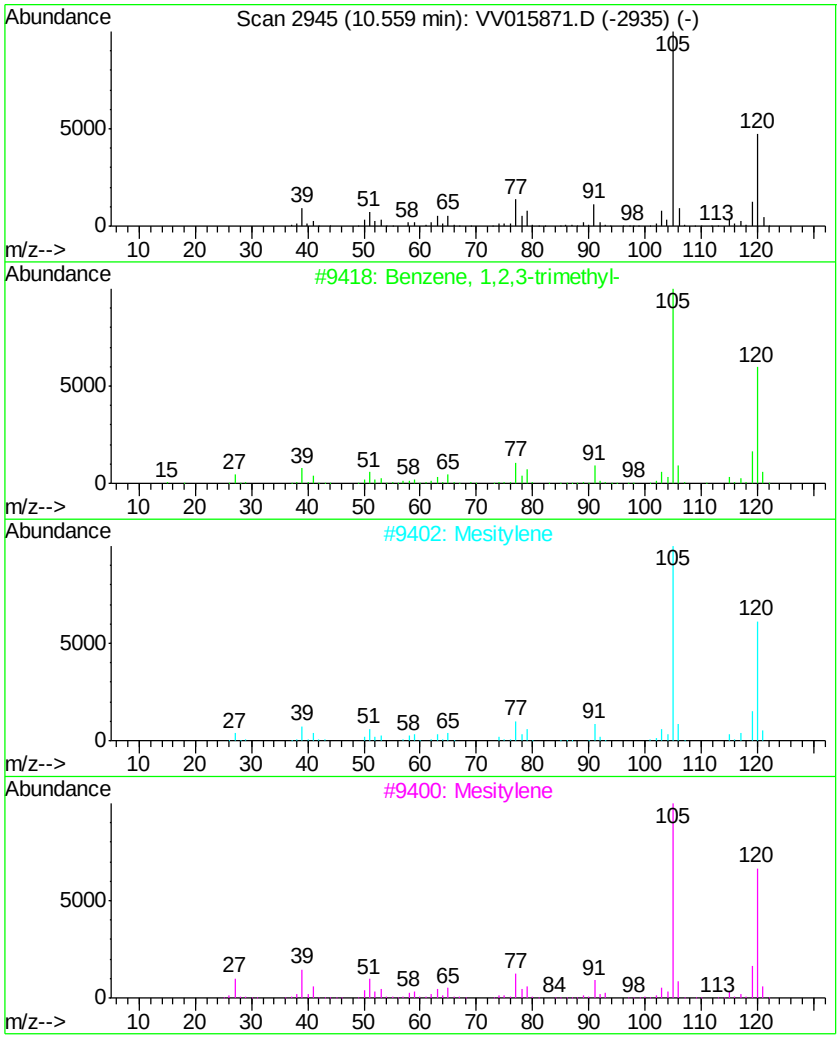
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

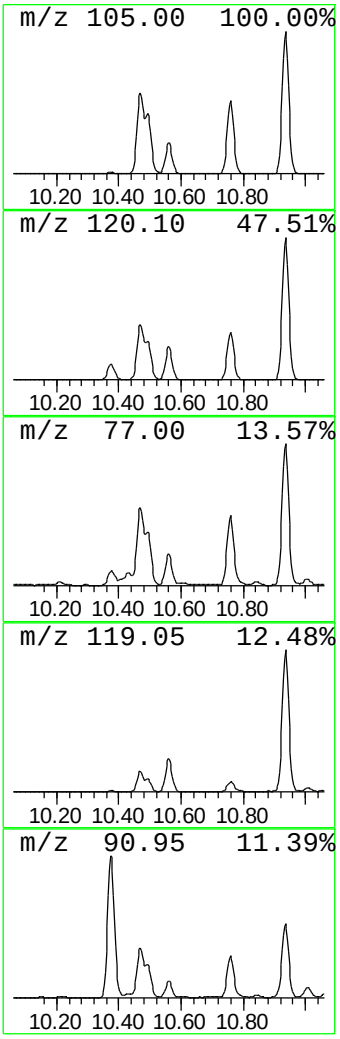
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.66 ug/L	373439	1,4-Dichlorobenzene-d4	11.27

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

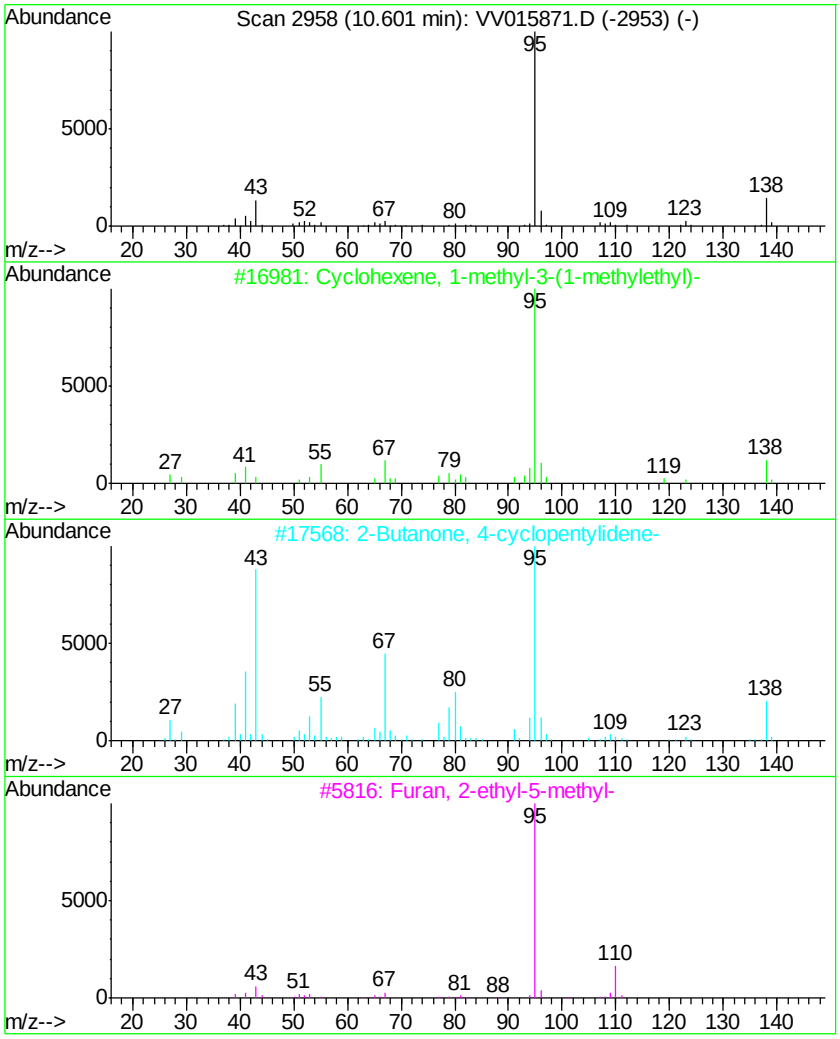
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

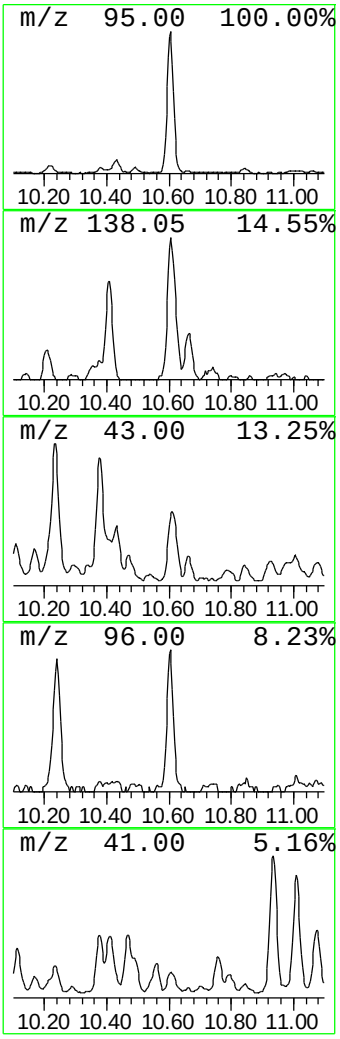
****

Peak Number 7 Cyclohexene, 1-methyl-3-(1-... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	0.83 ug/L	116544	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	72
2	2-Butanone, 4-cyclopentylidene-	138	C9H14O	051004-21-8	40
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
4	3-Buten-2-ol, 4-(2,6,6-trimethyl...	194	C13H22O	025312-34-9	12
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

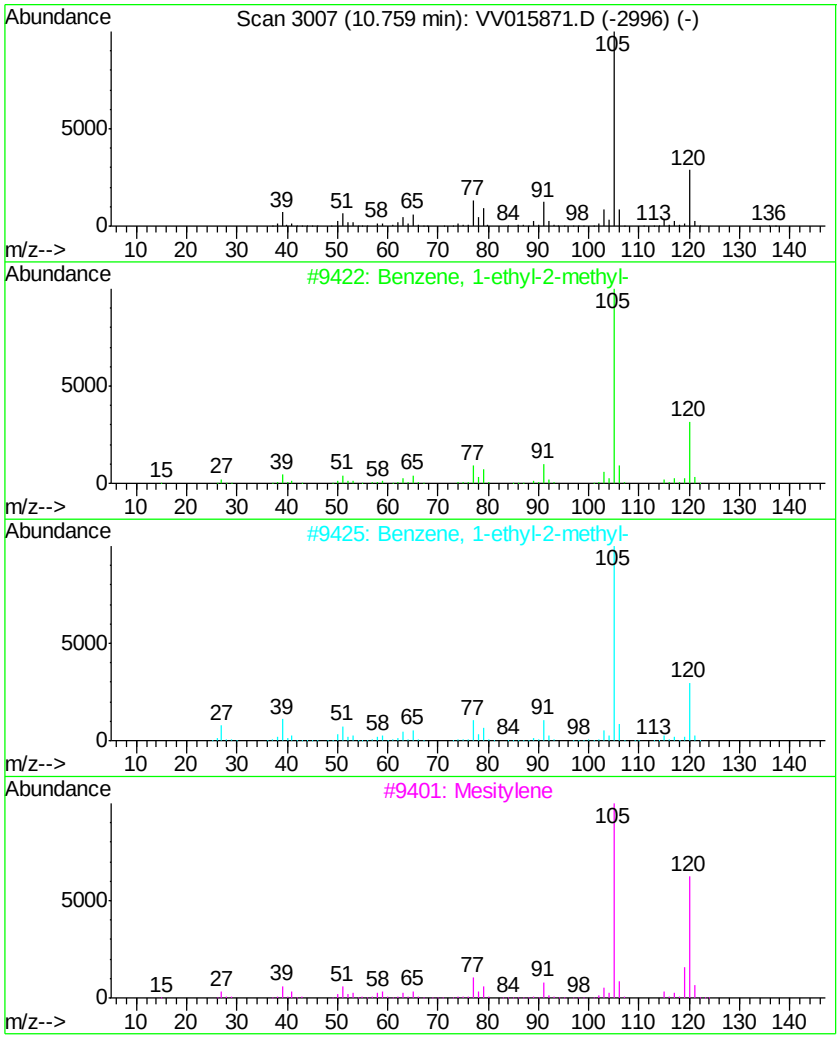
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

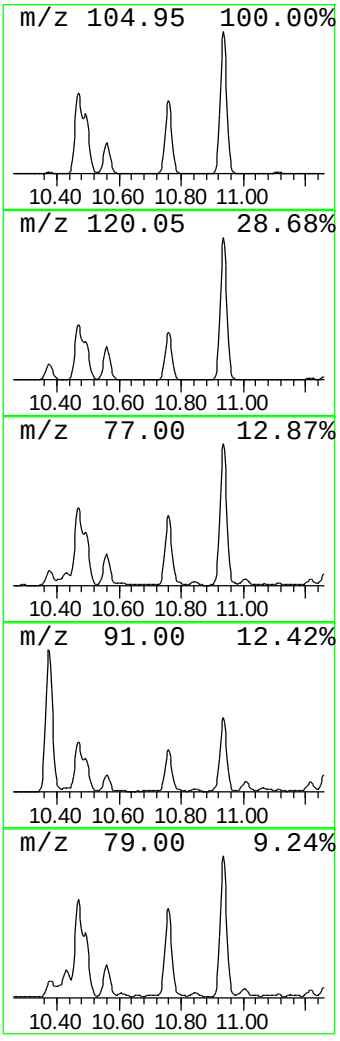
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	6.06 ug/L	851587	1,4-Dichlorobenzene-d4	11.27

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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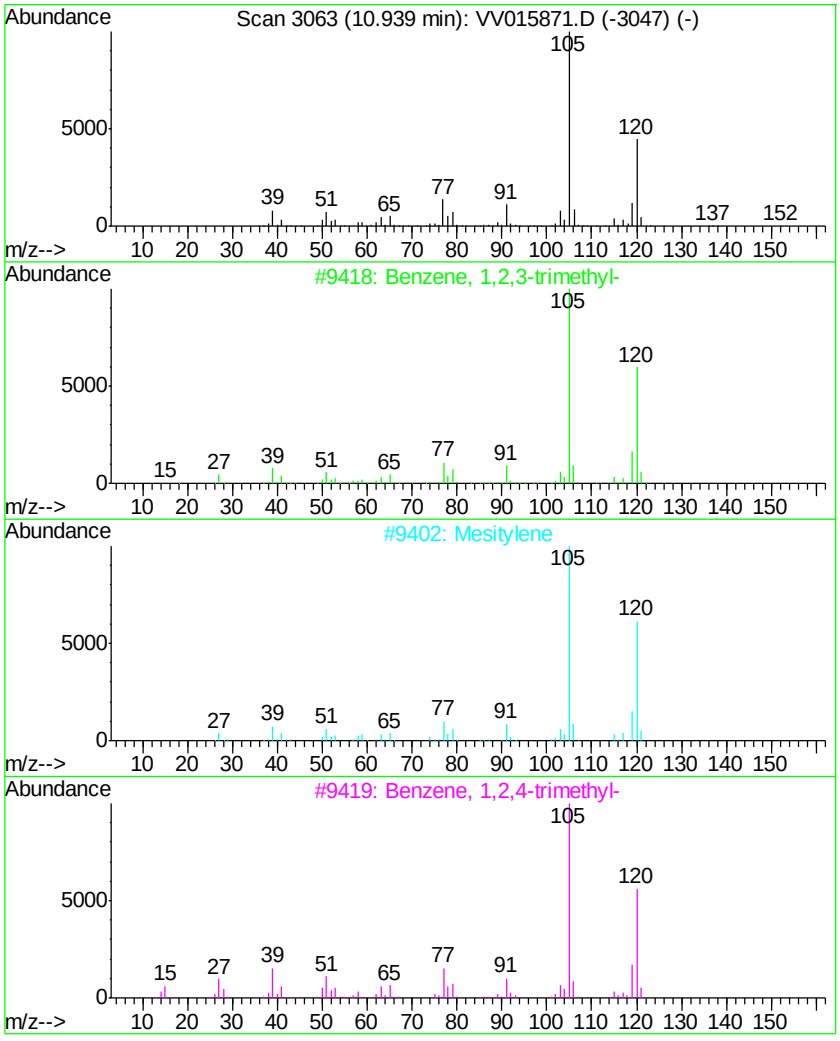
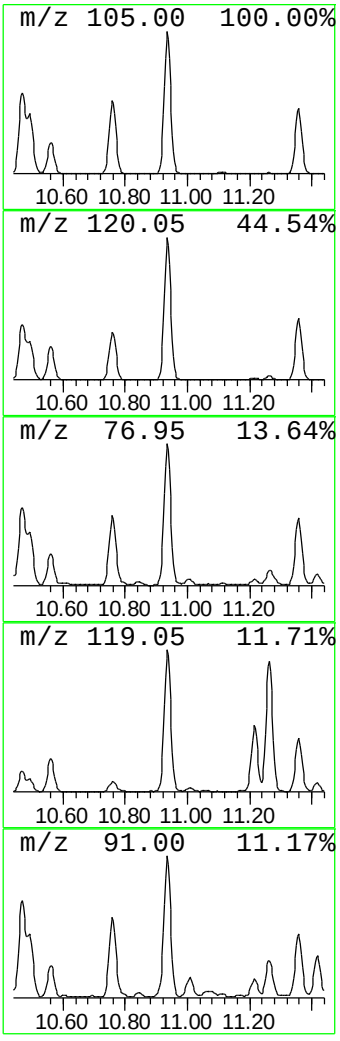
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	12.68 ug/L	1782630	1,4-Dichlorobenzene-d4	11.27

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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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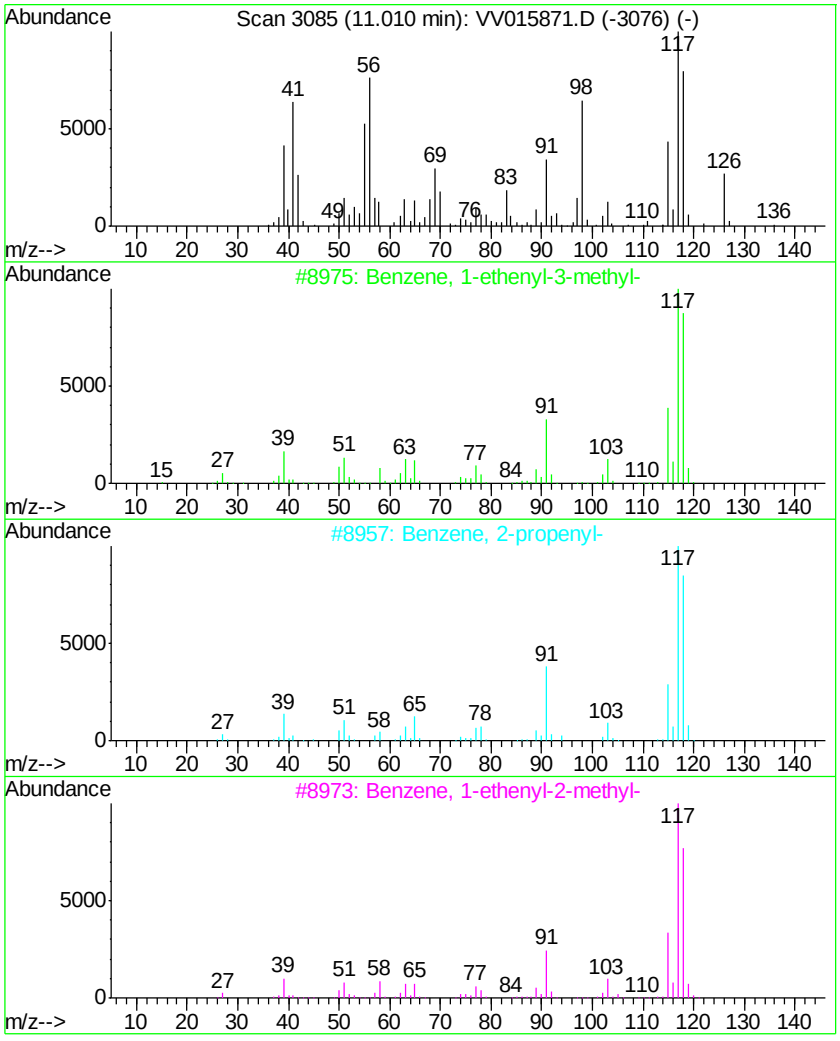
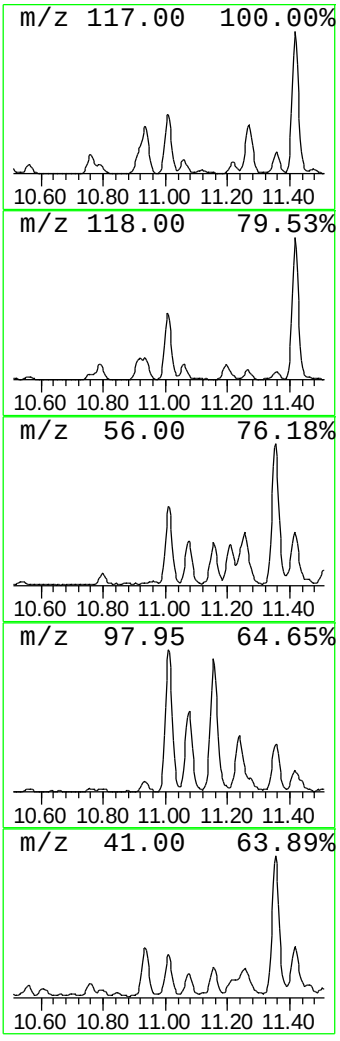
Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	1.77 ug/L	248285	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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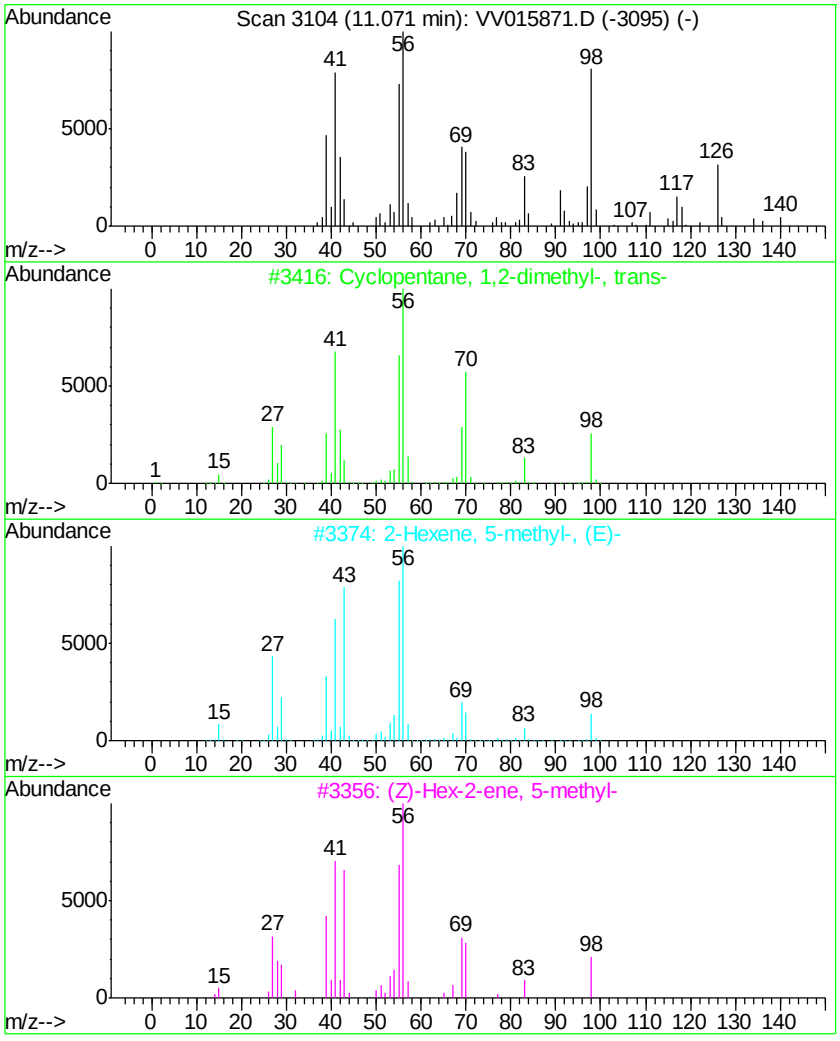
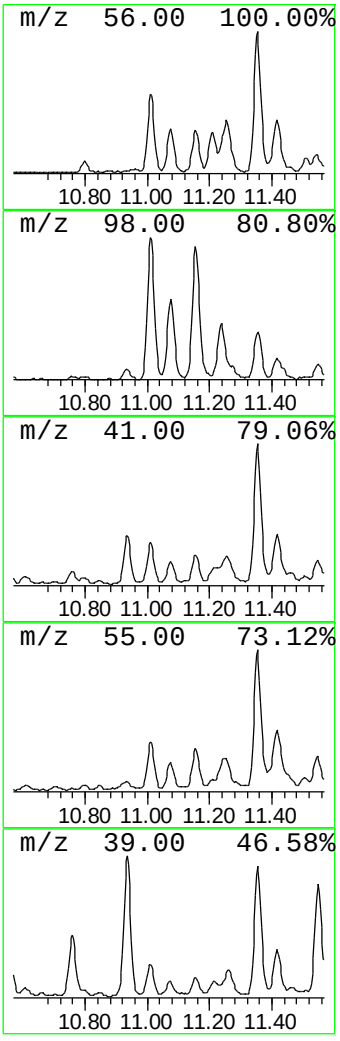
Peak Number 11 (DEL) Alkane: Cyclic11.07 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	0.65 ug/L	91816	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	64
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	58
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	52
4	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	52
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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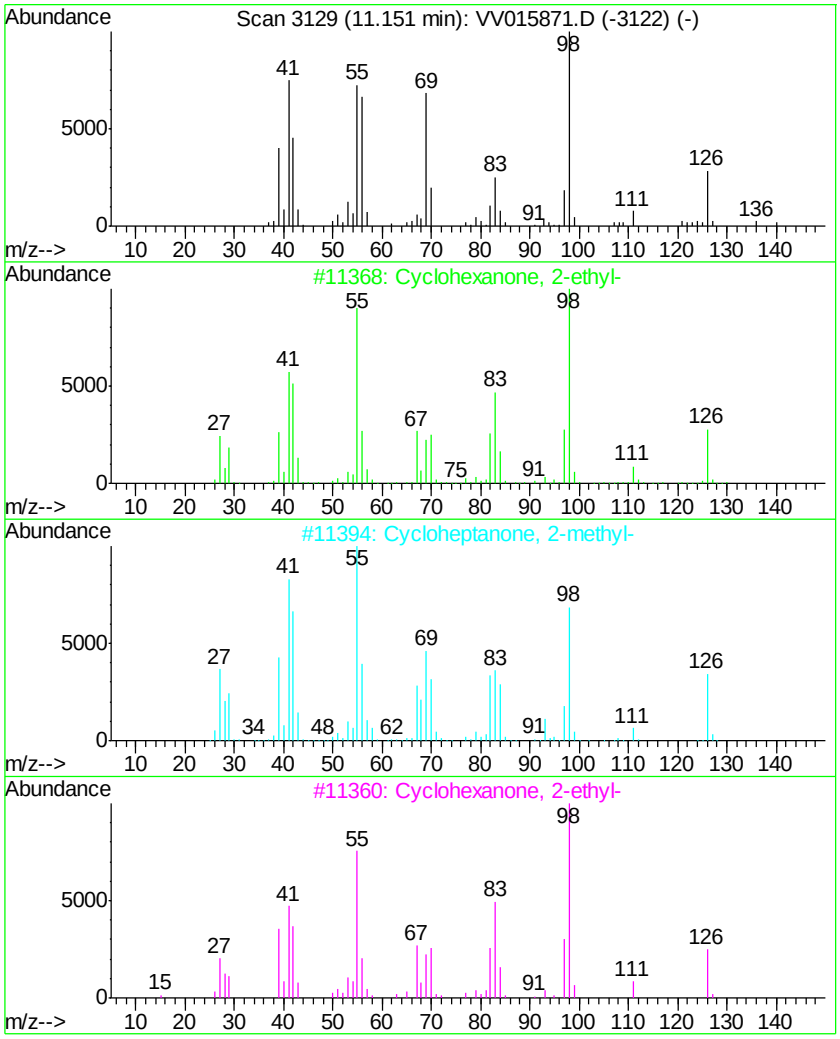
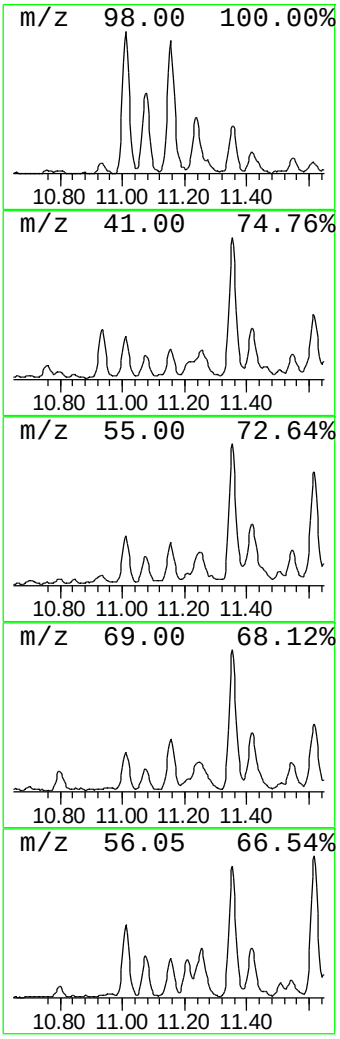
Peak Number 12 Cyclohexanone, 2-ethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	0.70 ug/L	98821	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	72
2	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	53
3	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	53
4	1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	52
5	1,3-Cyclohexanedione, 2-methyl-	126	C7H10O2	001193-55-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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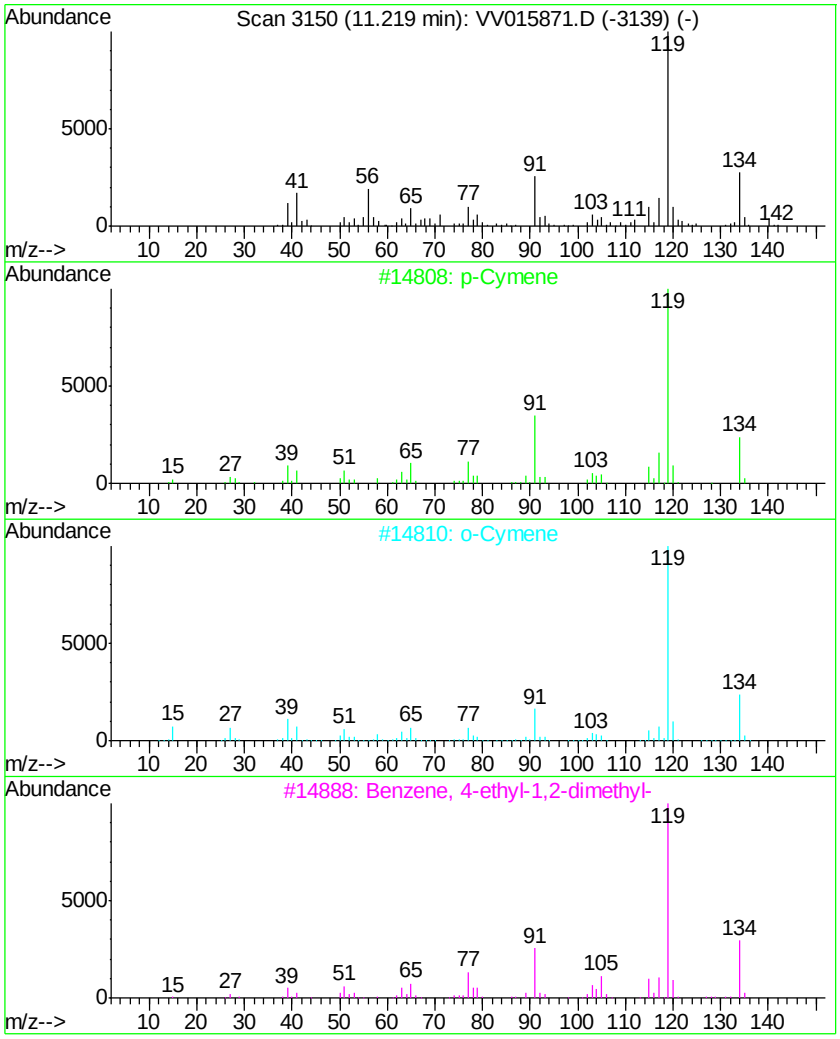
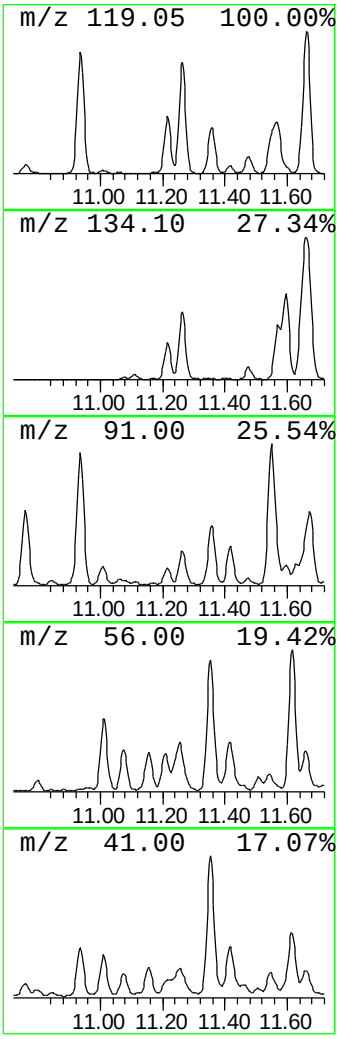
Peak Number 13 o-Cymene Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	1.10 ug/L	153931	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	o-Cymene	134	C10H14	000527-84-4	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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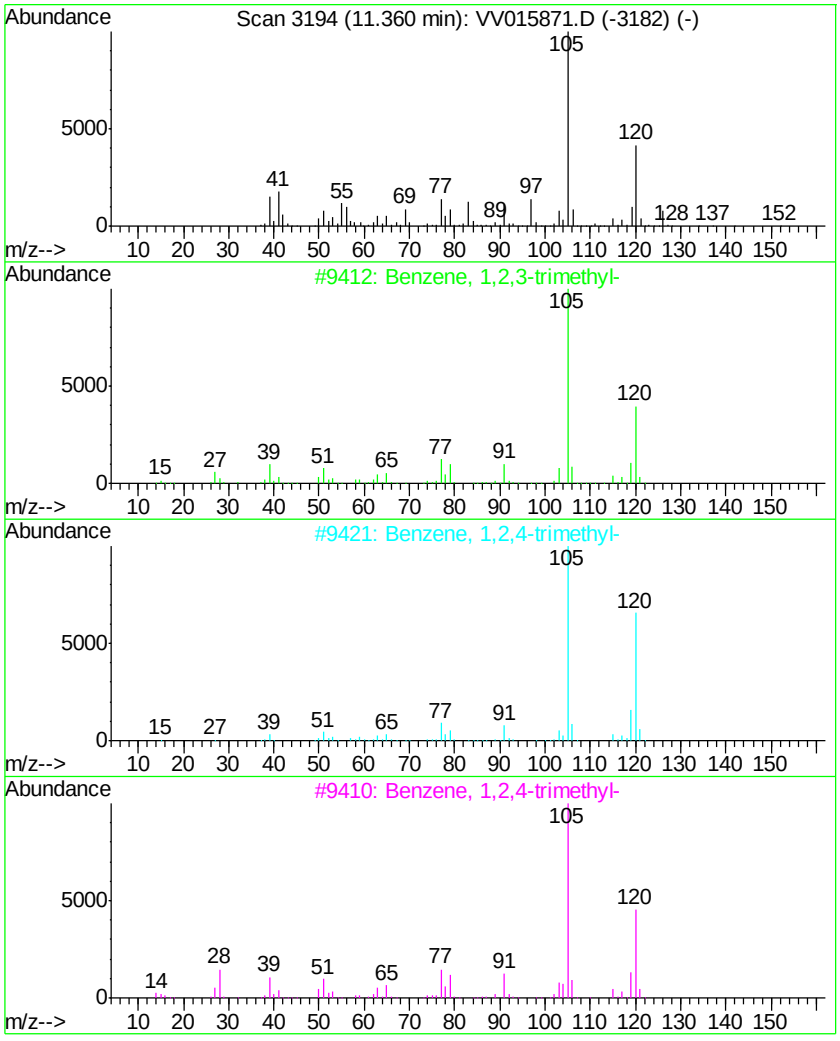
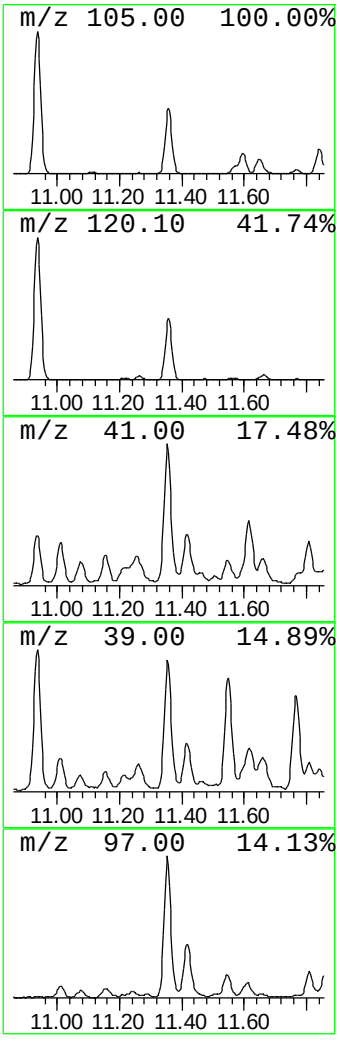
Peak Number 14 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	8.55 ug/L	1201700	1,4-Dichlorobenzene-d4	11.27

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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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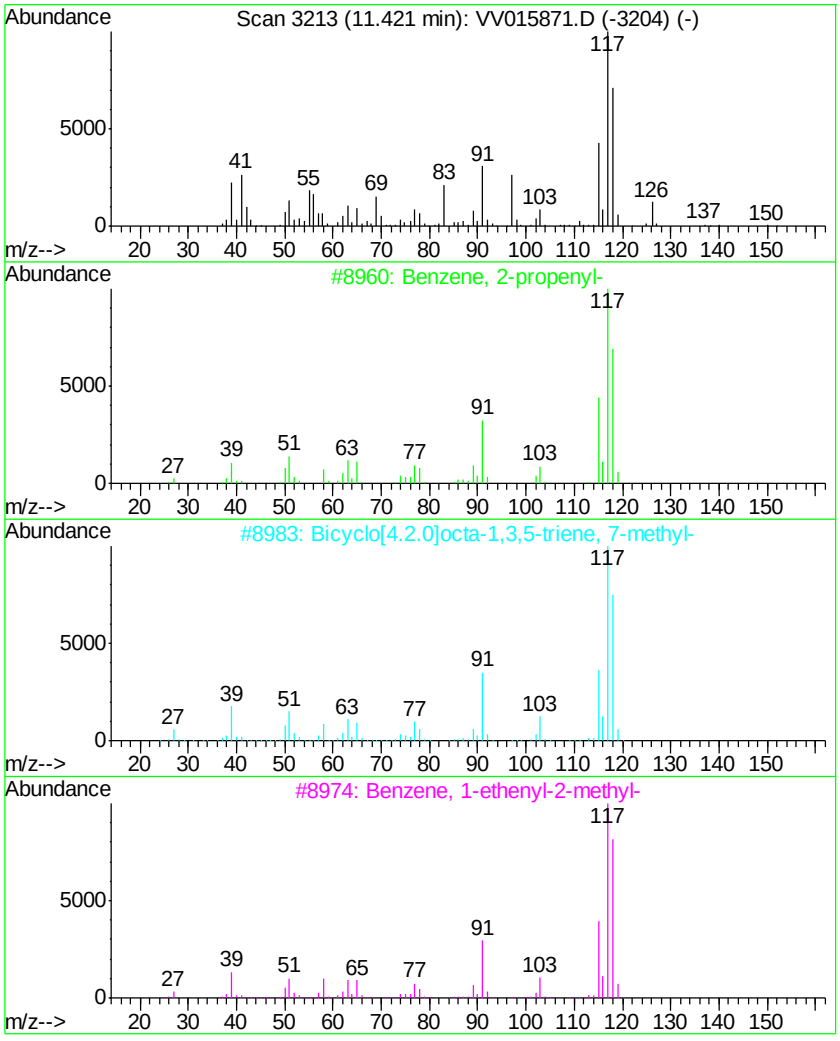
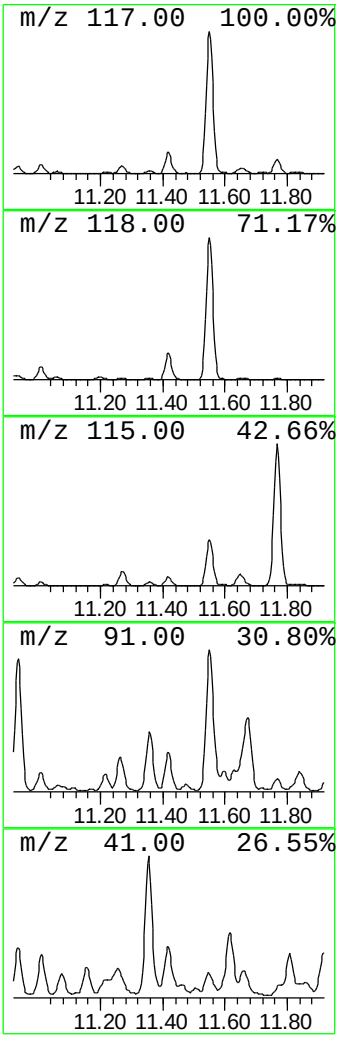
Peak Number 15 Benzene, 2-propenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.53 ug/L	355753	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	92





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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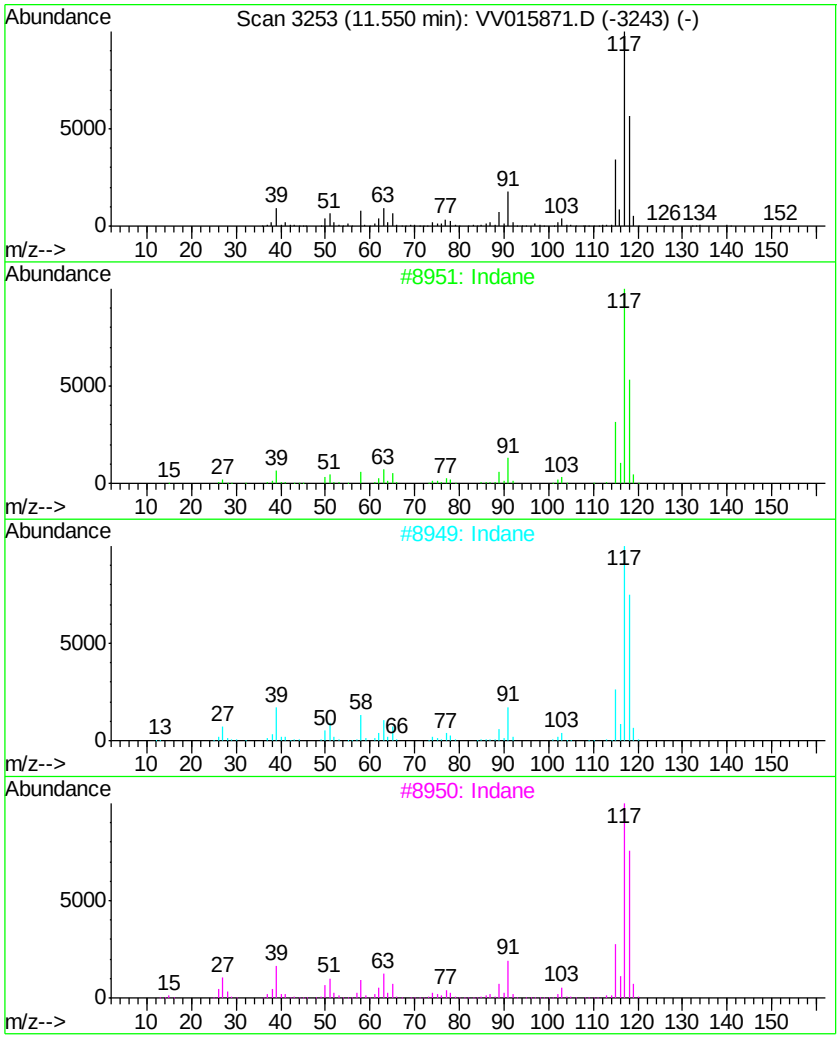
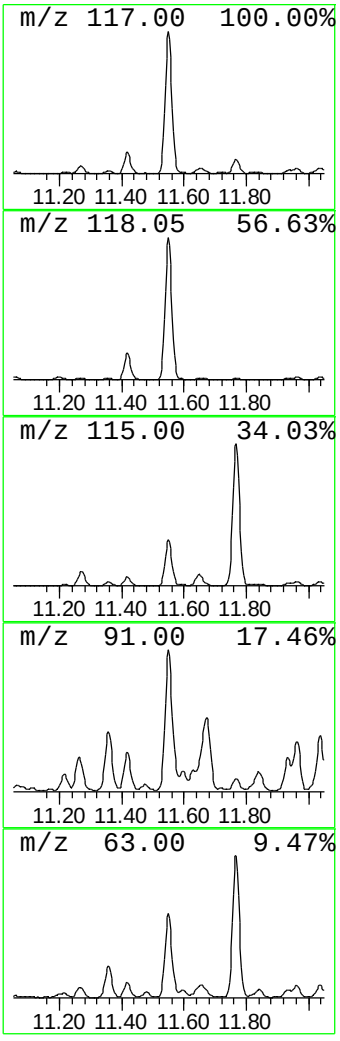
Peak Number 16 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	10.31 ug/L	1449720	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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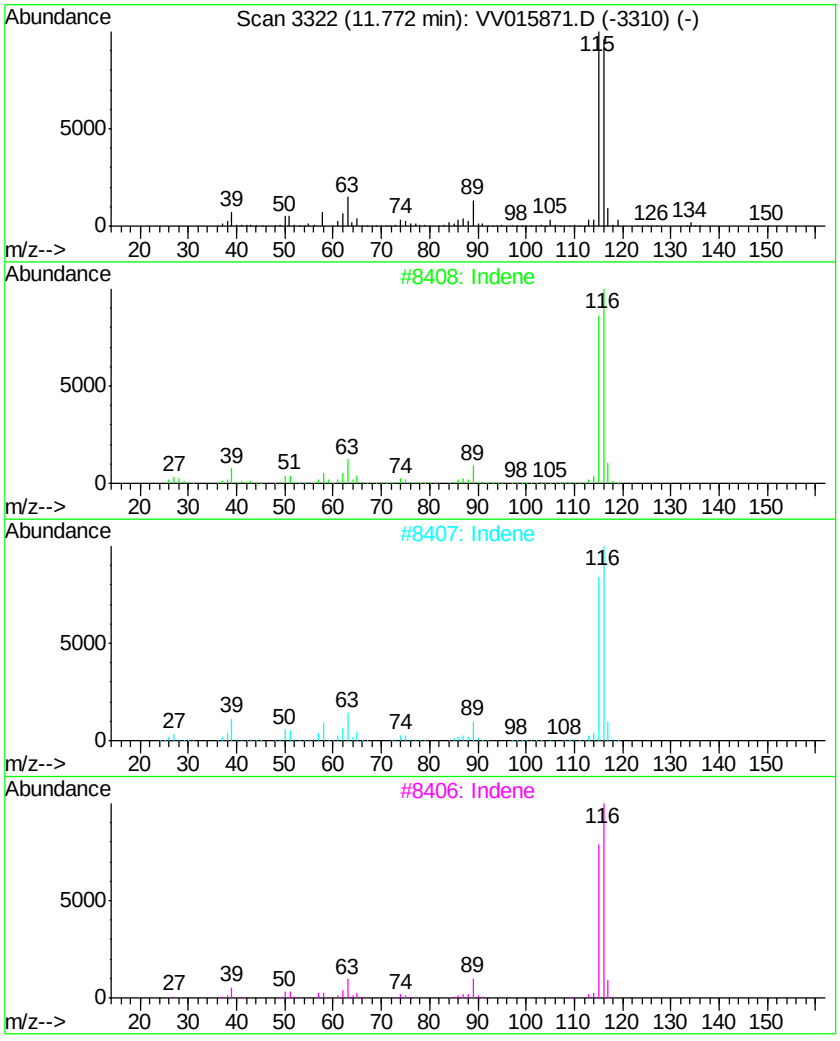
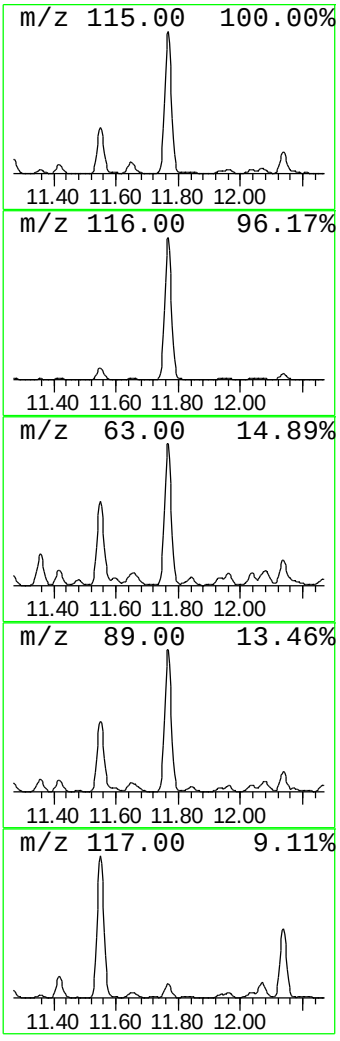
Peak Number 17 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	10.53 ug/L	1479960	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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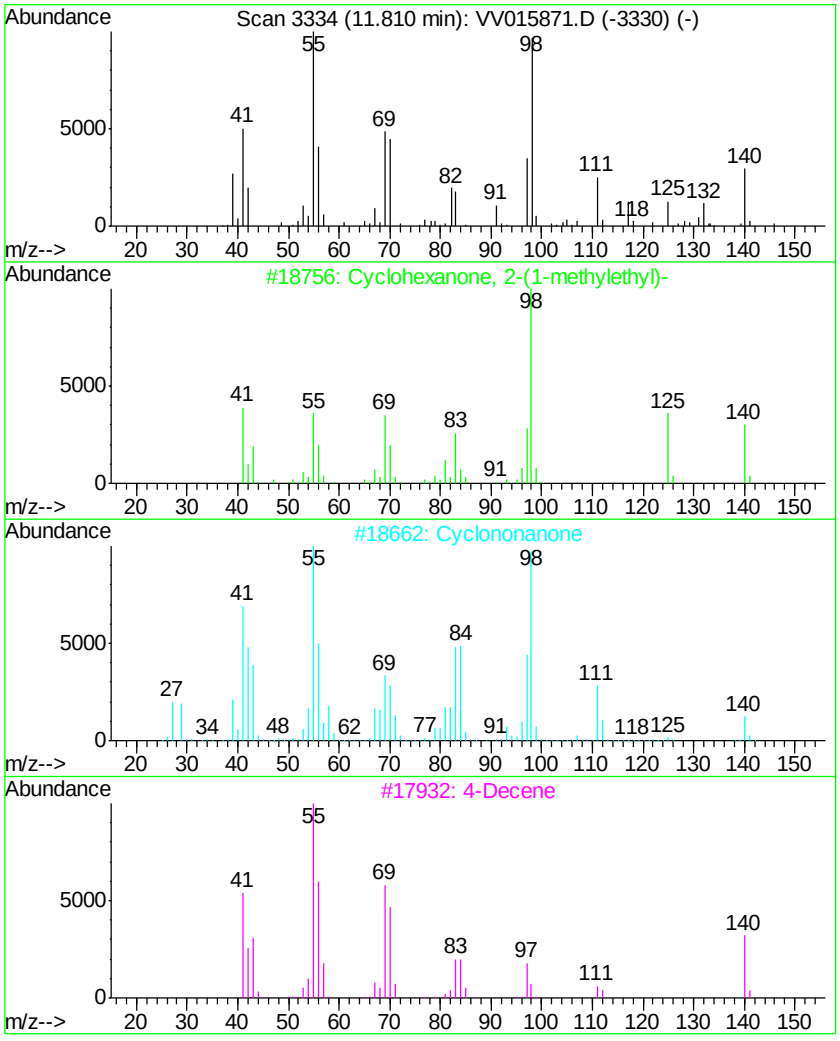
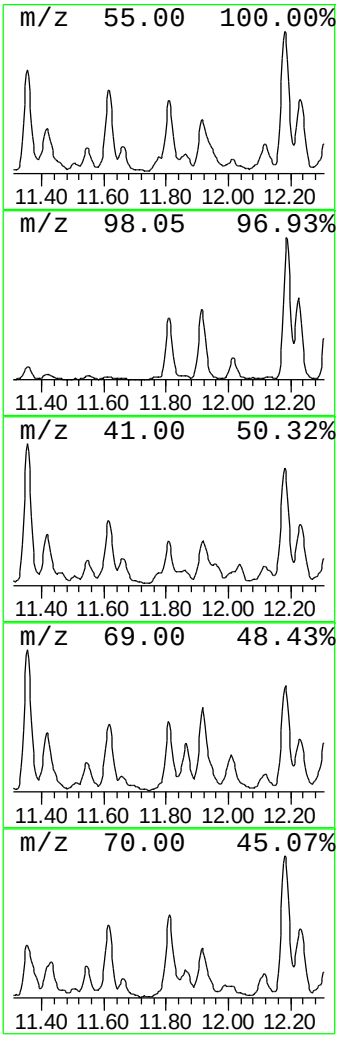
Peak Number 18 Cyclohexanone, 2-(1-methyle... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	1.23 ug/L	173464	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(1-methylethyl)-	140	C9H16O	001004-77-9	59
2	Cyclononanone	140	C9H16O	003350-30-9	53
3	4-Decene	140	C10H20	019689-18-0	46
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	38
5	cis-3-Decene	140	C10H20	019398-86-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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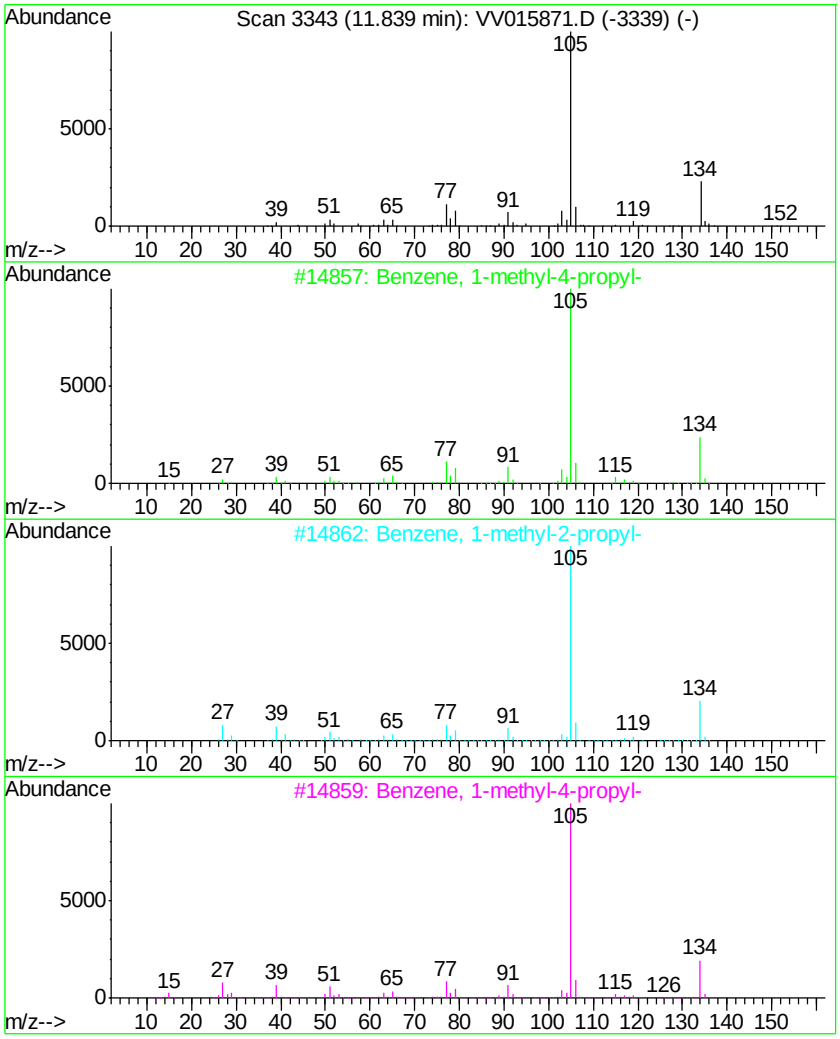
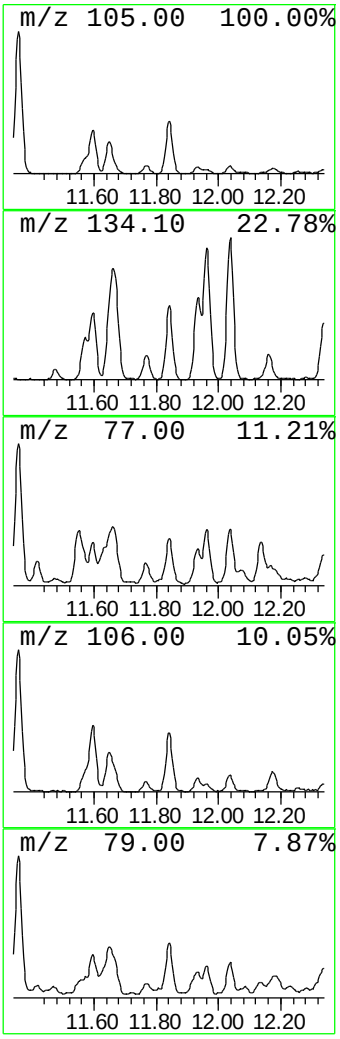
Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	1.97 ug/L	276635	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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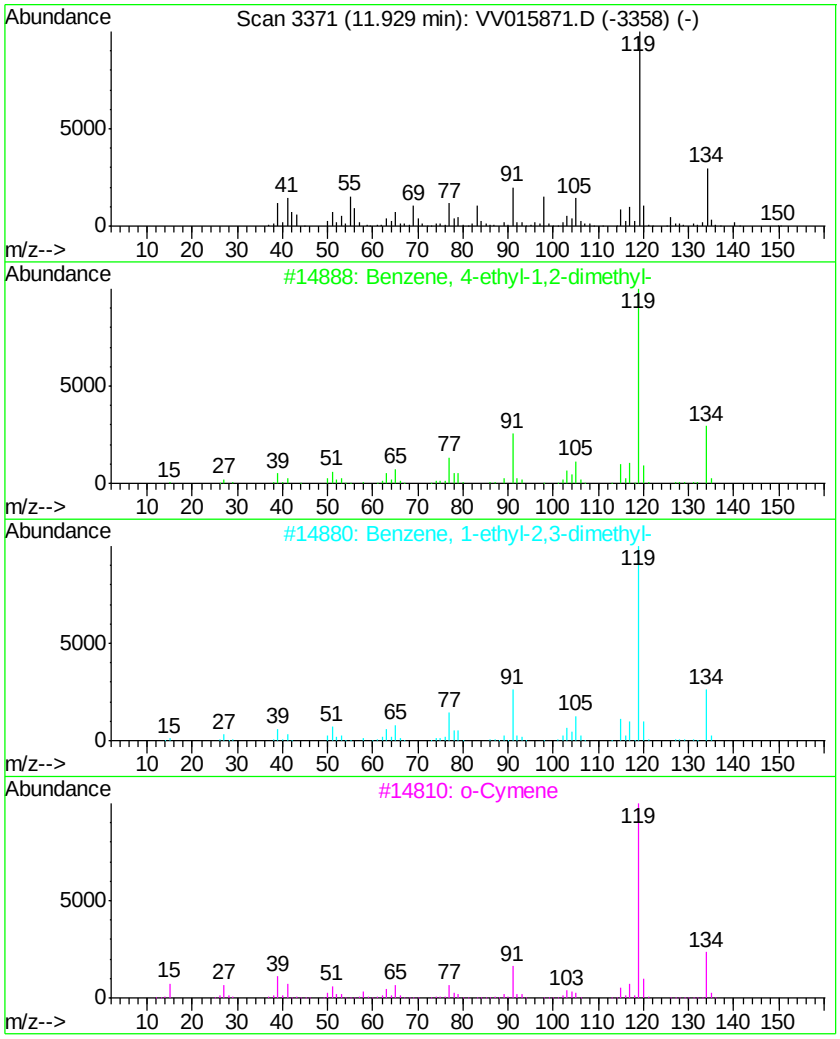
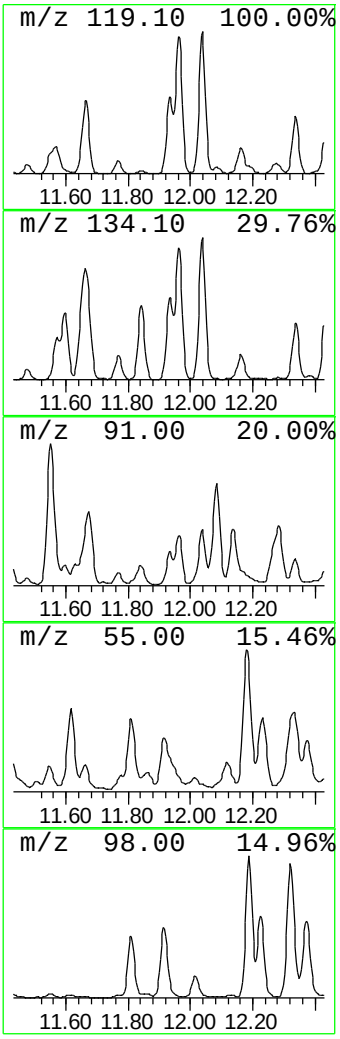
Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.16 ug/L	444441	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

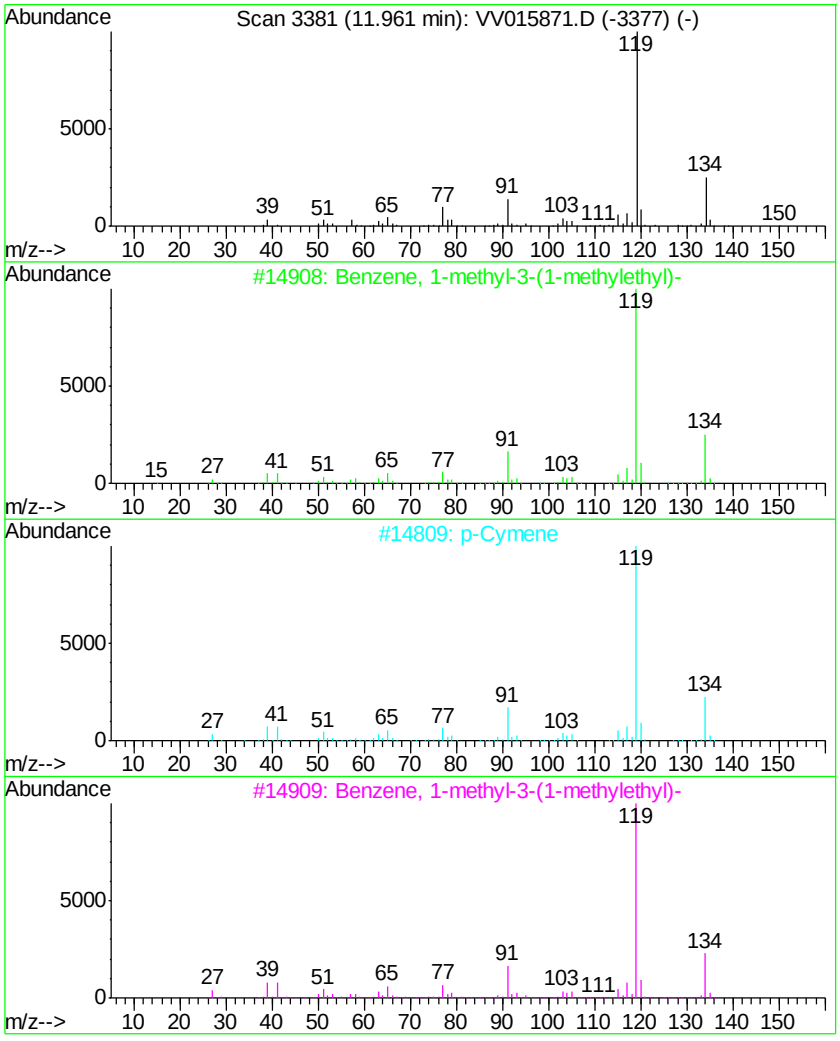
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

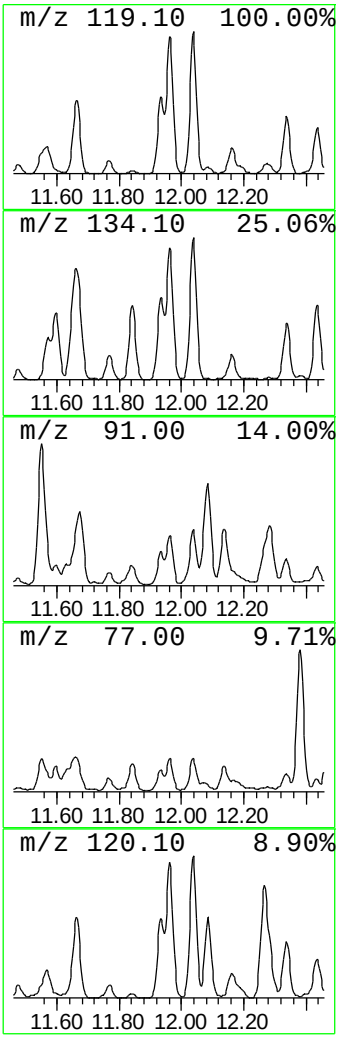
****

Peak Number 21 Benzene, 1-methyl-3-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.50 ug/L	352016	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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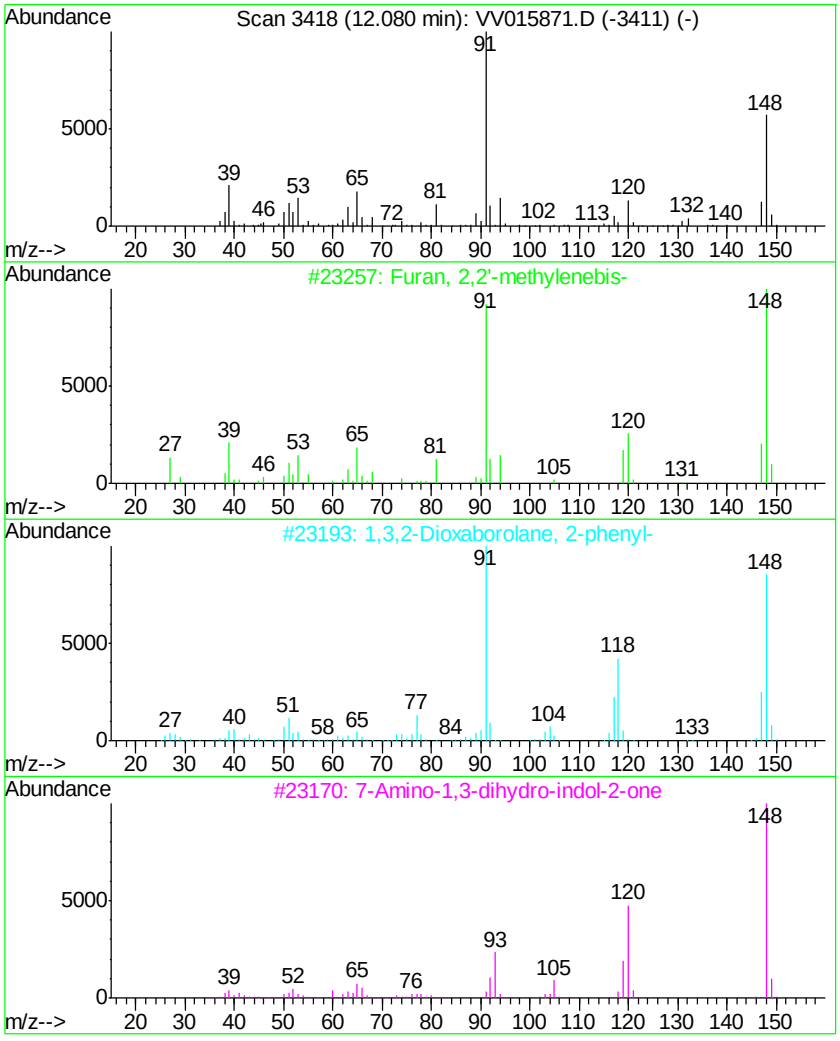
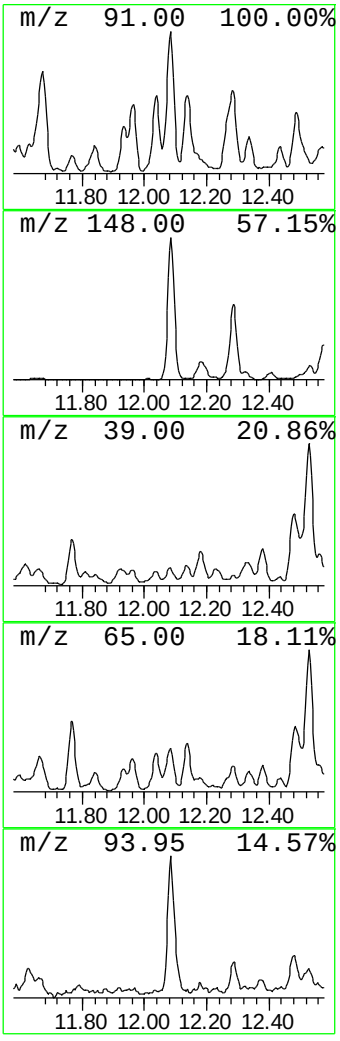
Peak Number 23 Furan, 2,2'-methylenebis- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	1.83 ug/L	257483	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-methylenebis-	148	C9H8O2	001197-40-6	81
2	1,3,2-Dioxaborolane, 2-phenyl-	148	C8H9BO2	004406-72-8	50
3	7-Amino-1,3-dihydro-indol-2-one	148	C8H8N2O	1000303-02-6	43
4	1-Naphthalenol, 5,6,7,8-tetrahydro-	148	C10H12O	000529-35-1	43
5	1-(3,3-Dimethylbutyn-1-yl)-2,2-d...	148	C11H16	1000222-04-6	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

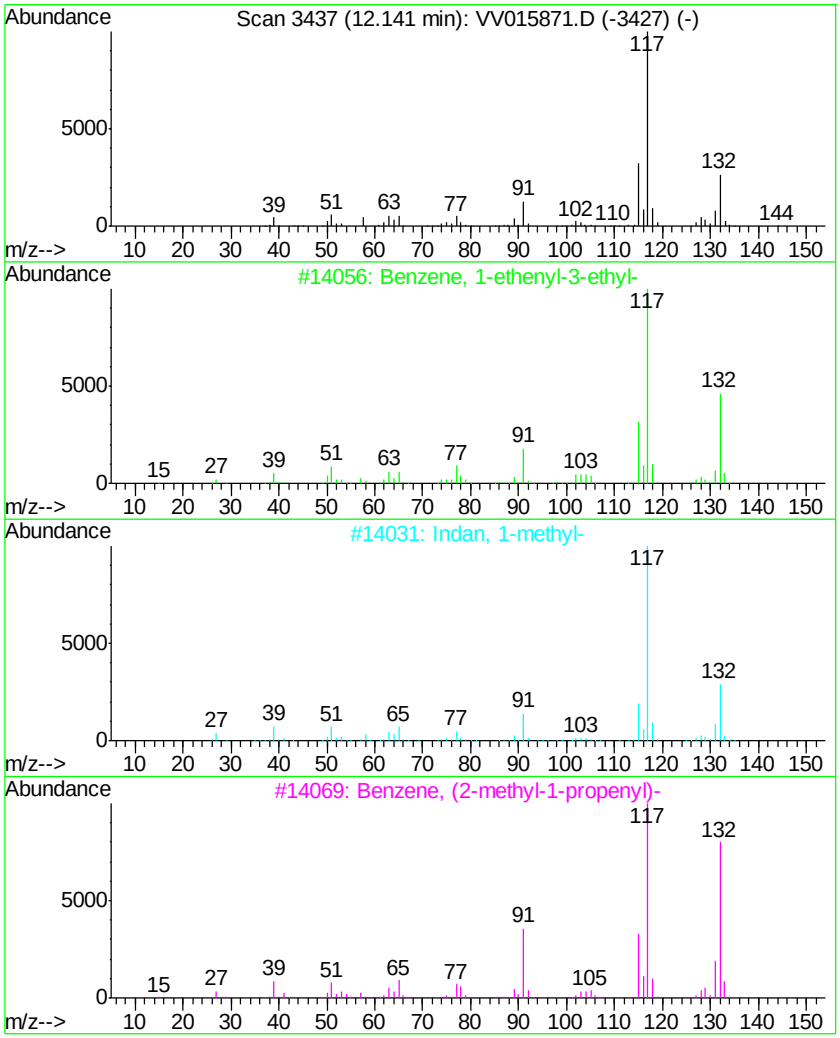
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

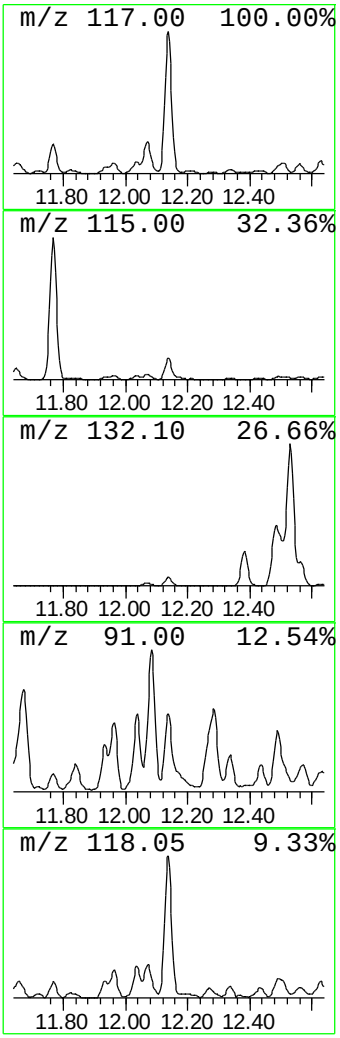
****

Peak Number 24 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.07 ug/L	571547	1,4-Dichlorobenzene-d4	11.27

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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

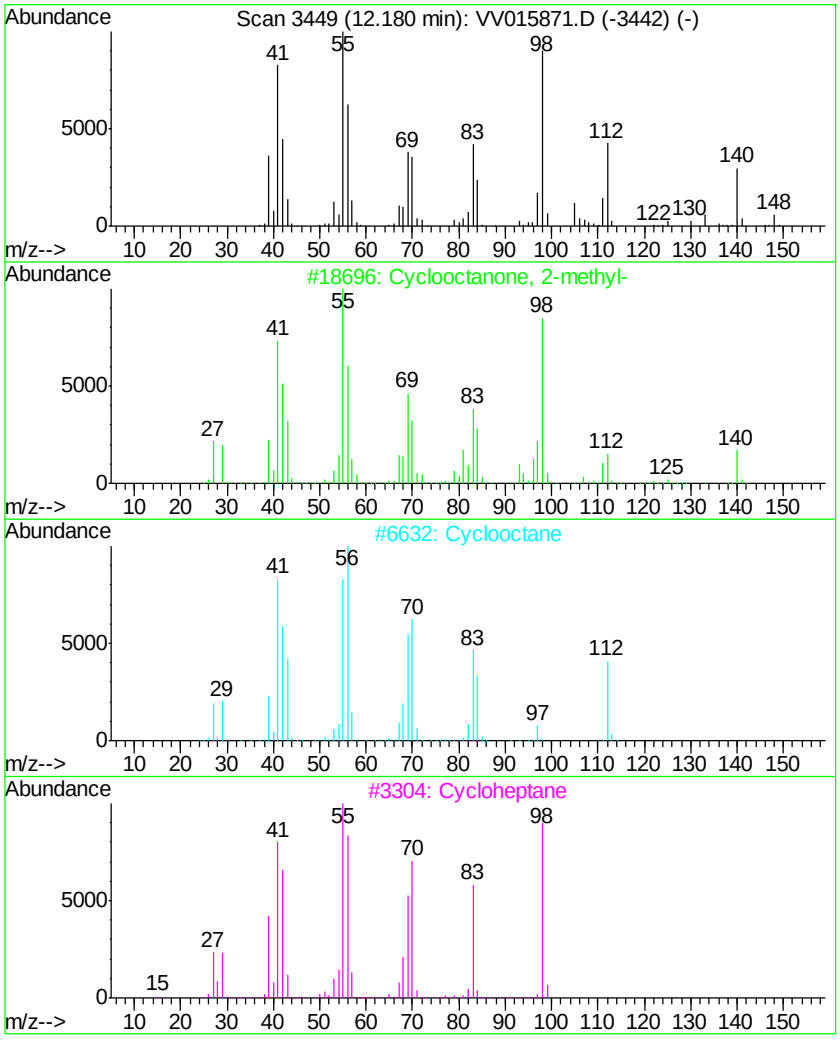
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

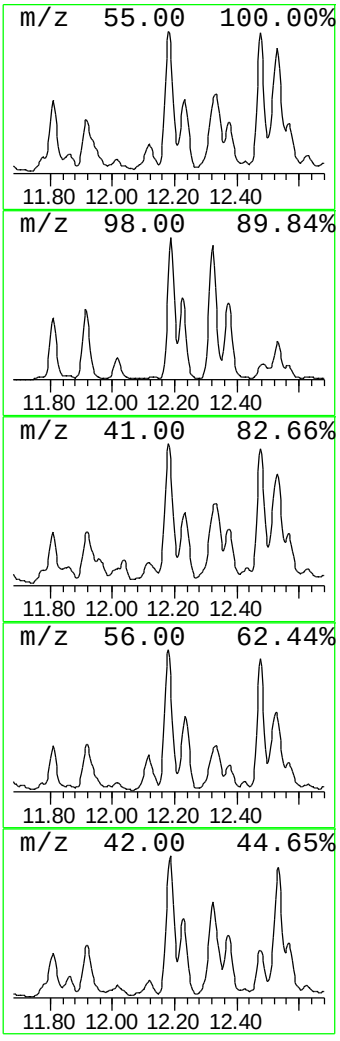
****

Peak Number 25 Cyclooctanone, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.79 ug/L	533045	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	80
2	Cyclooctane	112	C8H16	000292-64-8	55
3	Cycloheptane	98	C7H14	000291-64-5	49
4	Cycloheptane	98	C7H14	000291-64-5	49
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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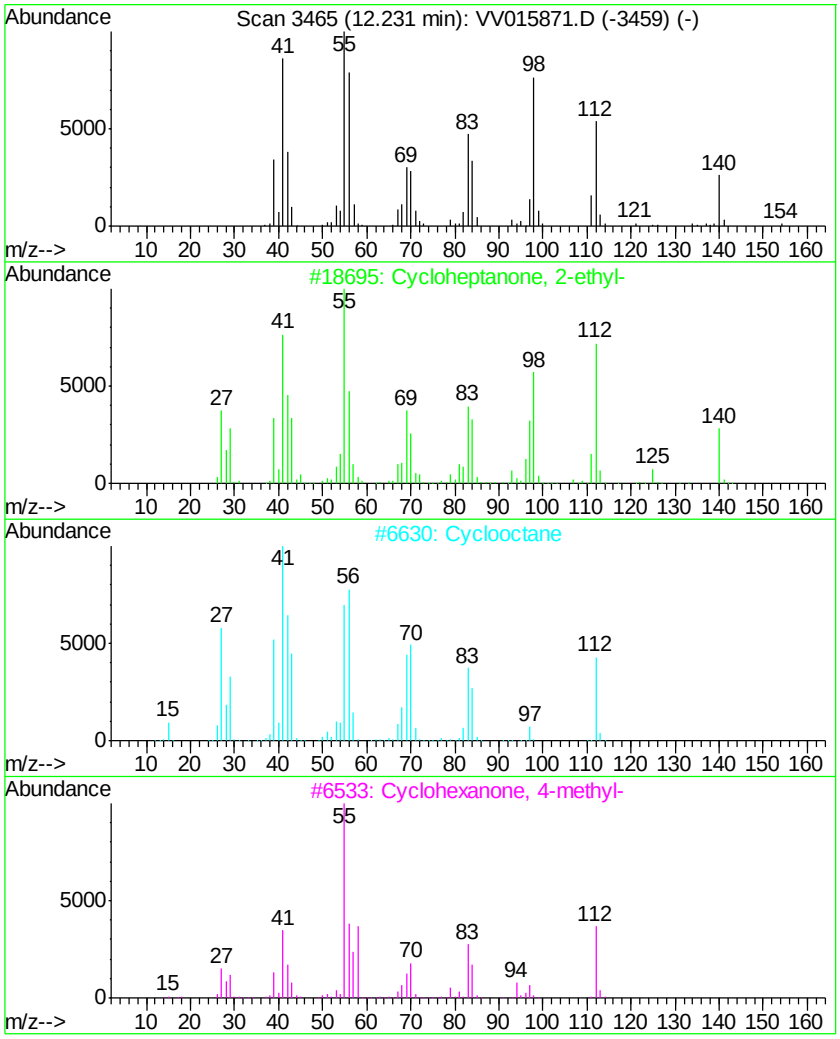
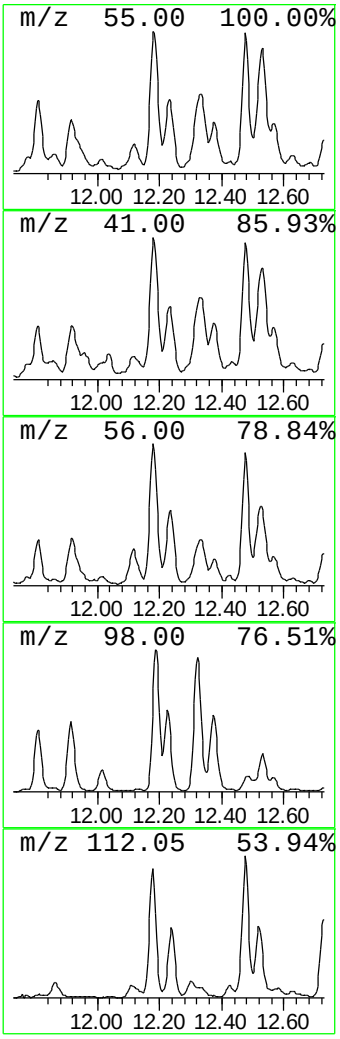
Peak Number 26 Cycloheptanone, 2-ethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	1.14 ug/L	160826	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone, 2-ethyl-	140	C9H16O	003183-41-3	60
2	Cyclooctane	112	C8H16	000292-64-8	49
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	49
4	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	46
5	Cyclooctane	112	C8H16	000292-64-8	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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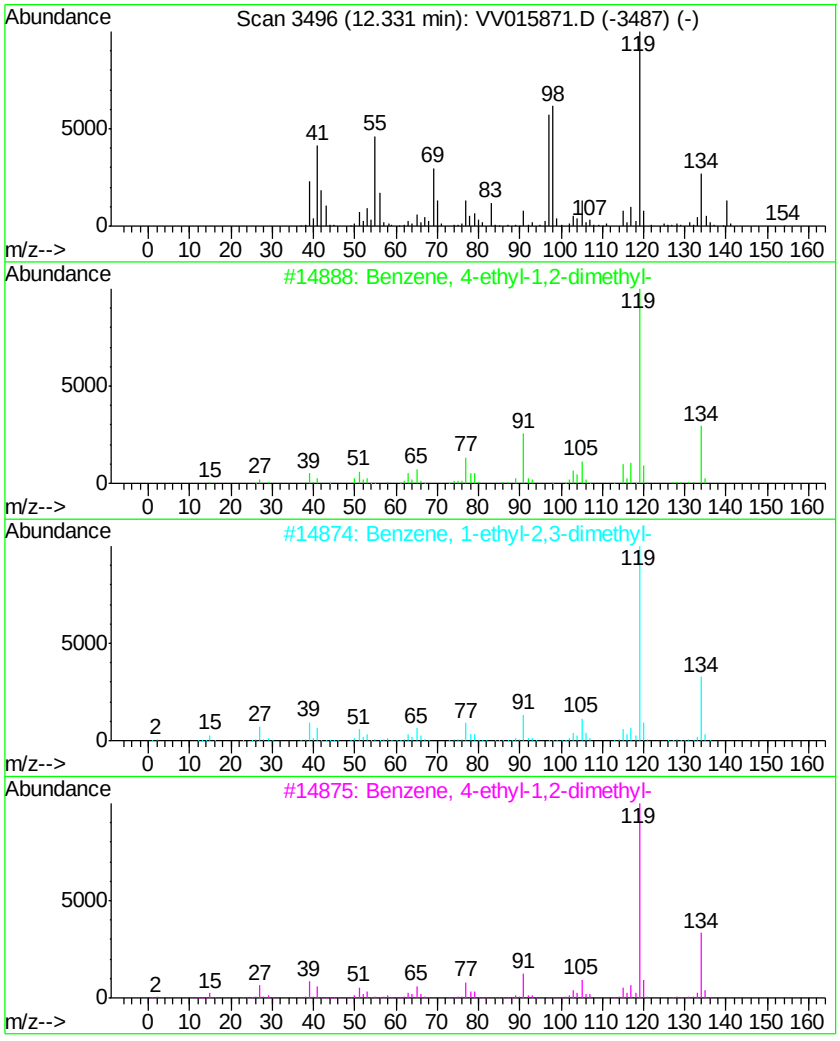
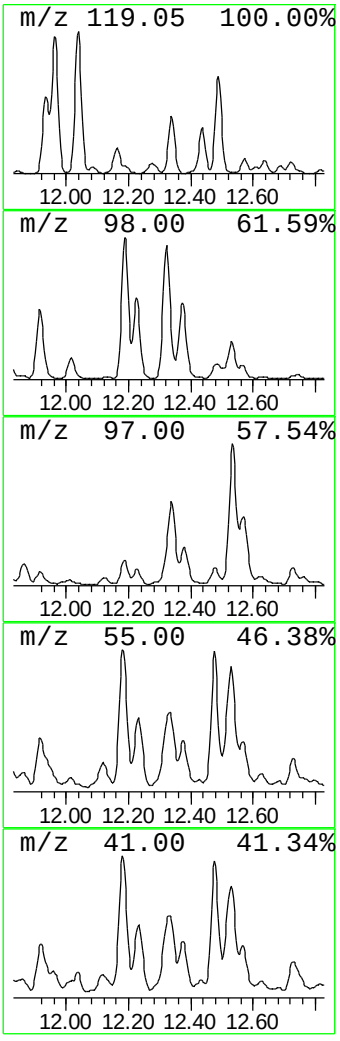
Peak Number 27 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.80 ug/L	393938	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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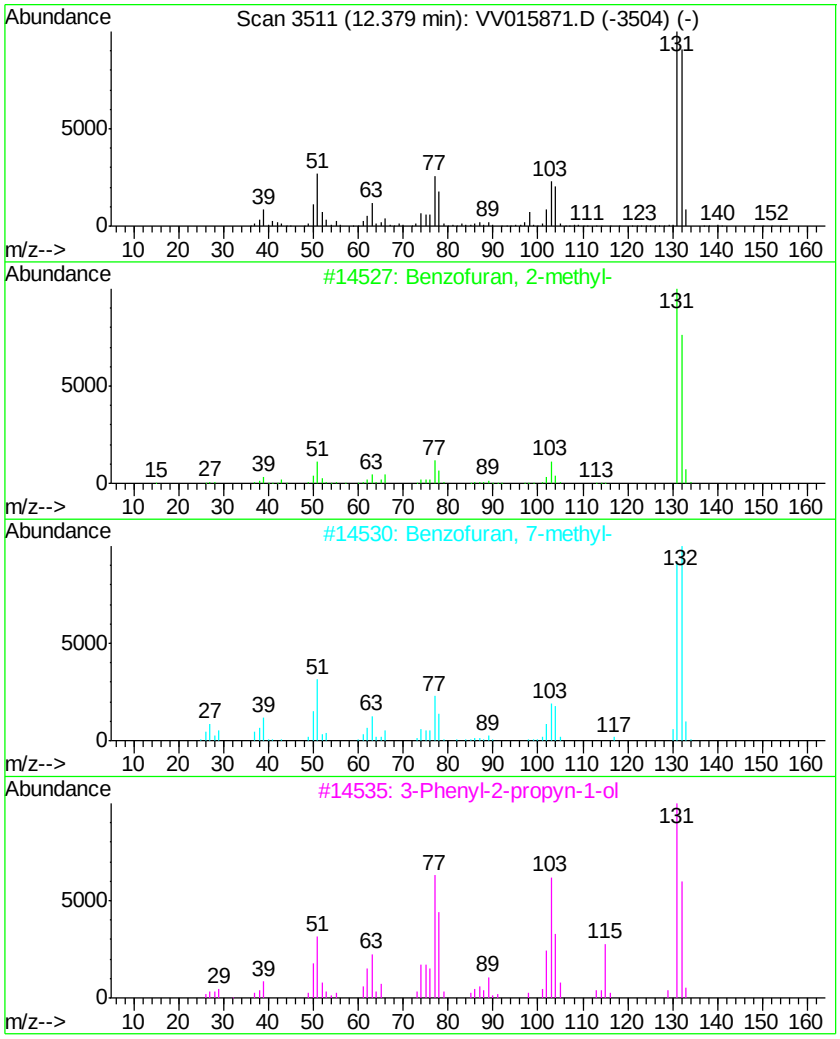
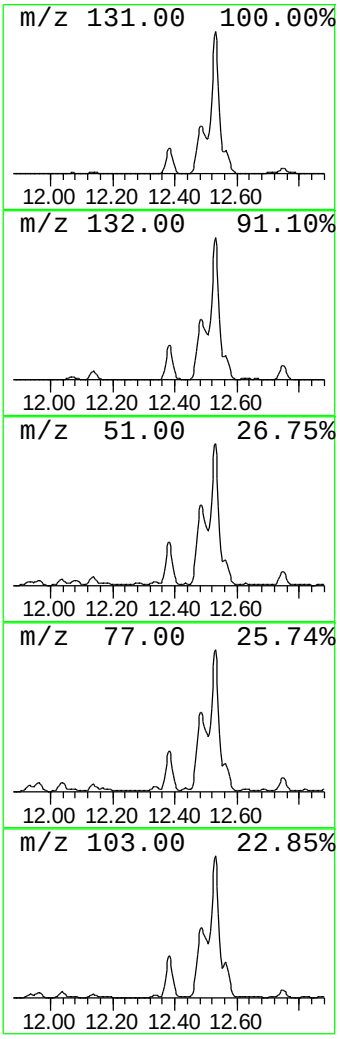
Peak Number 28 Benzofuran, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	8.06 ug/L	1132860	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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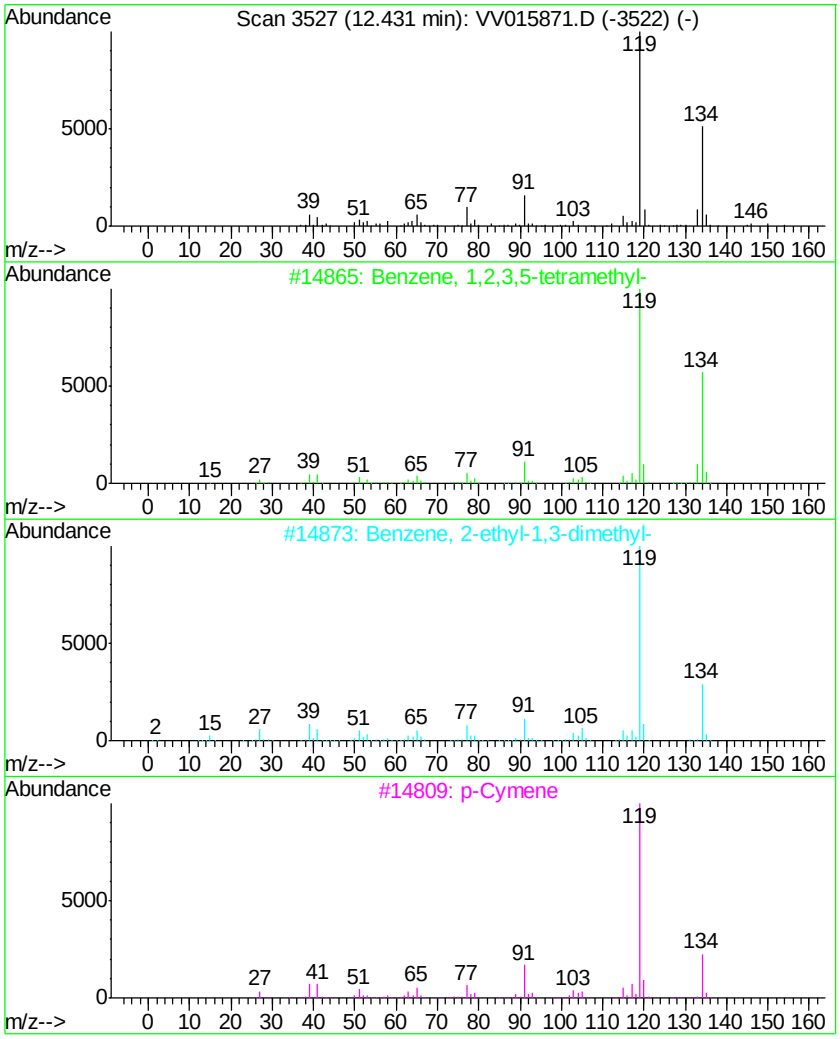
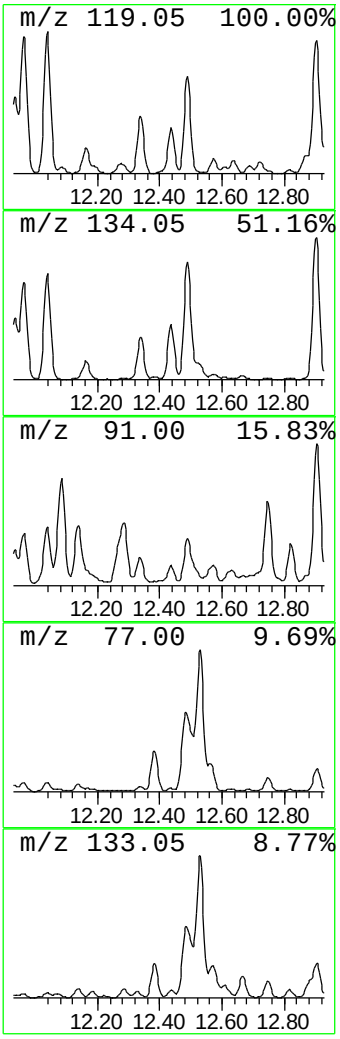
Peak Number 29 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	0.62 ug/L	87037	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	p-Cymene	134	C10H14	000099-87-6	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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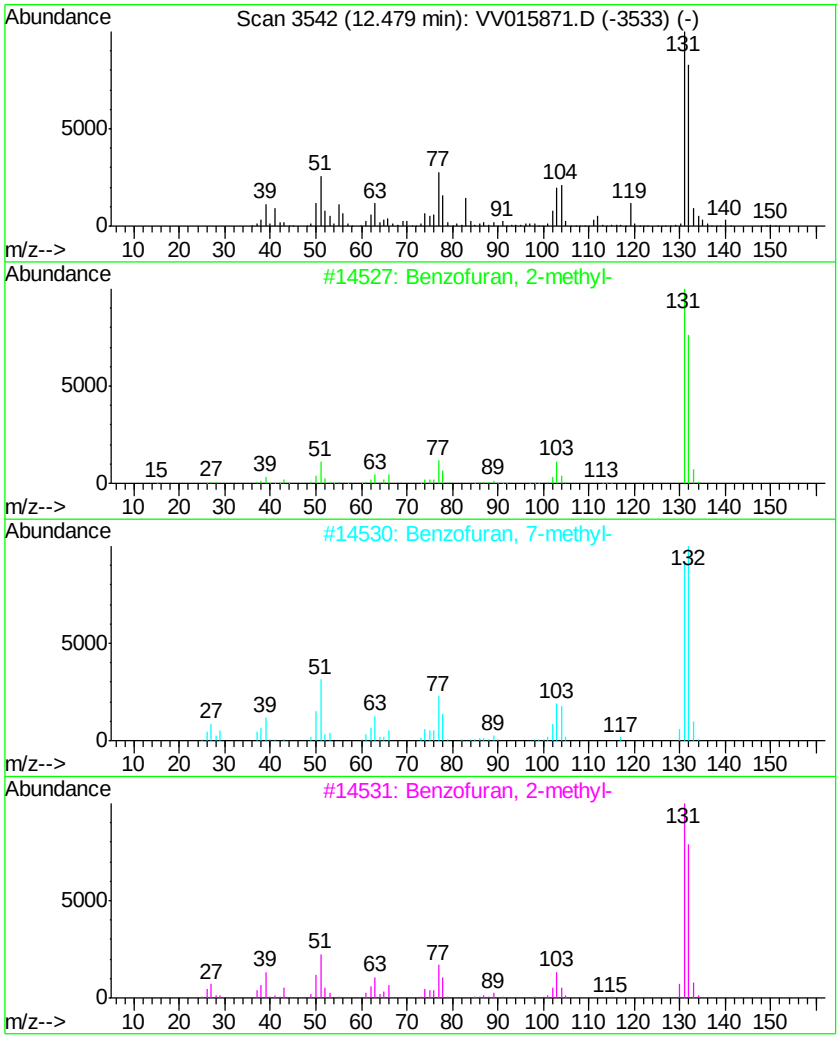
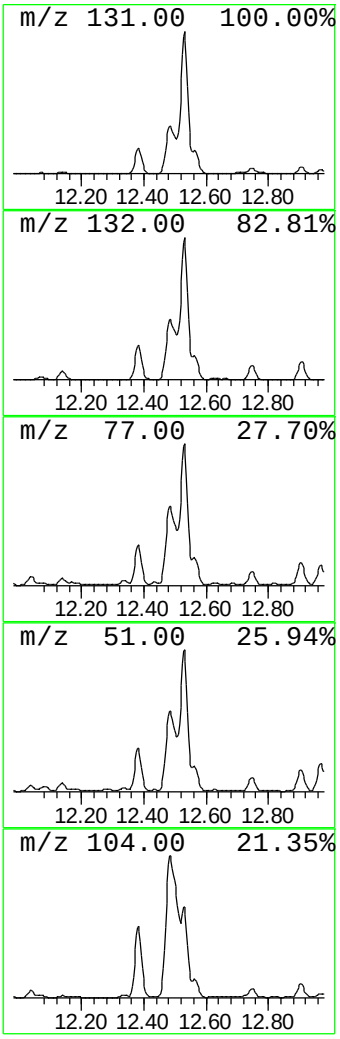
Peak Number 30 3-Phenyl-2-propyn-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	22.27 ug/L	3130410	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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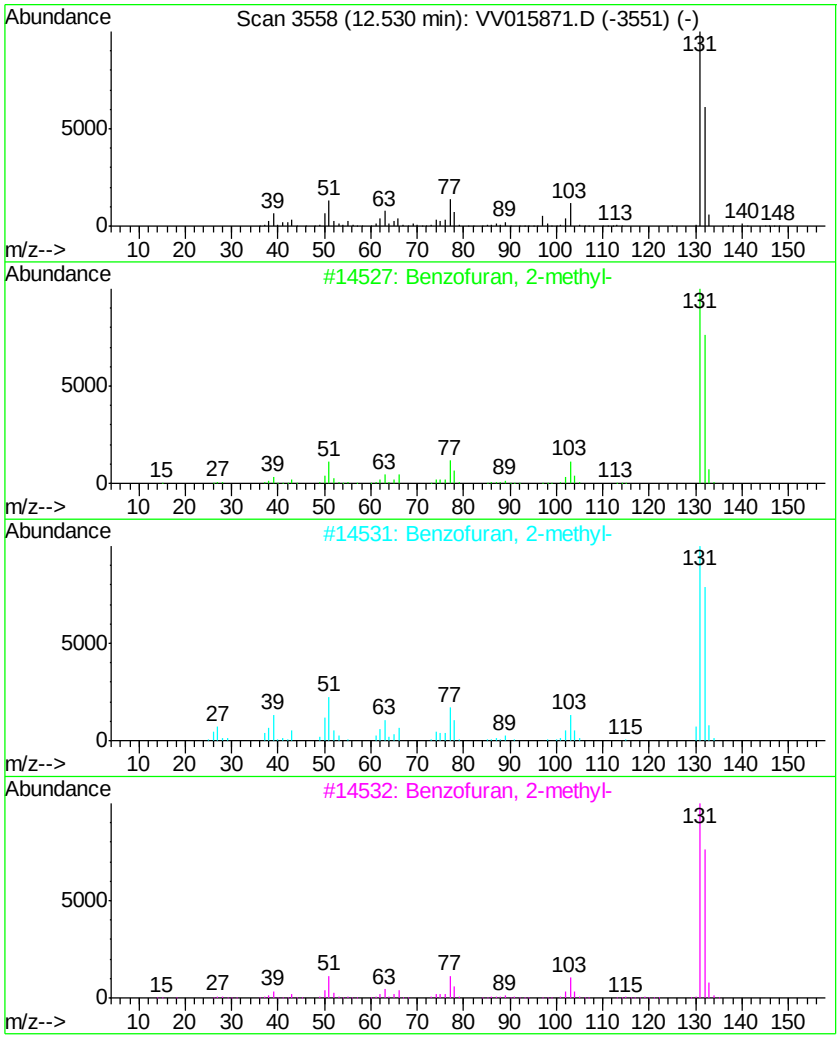
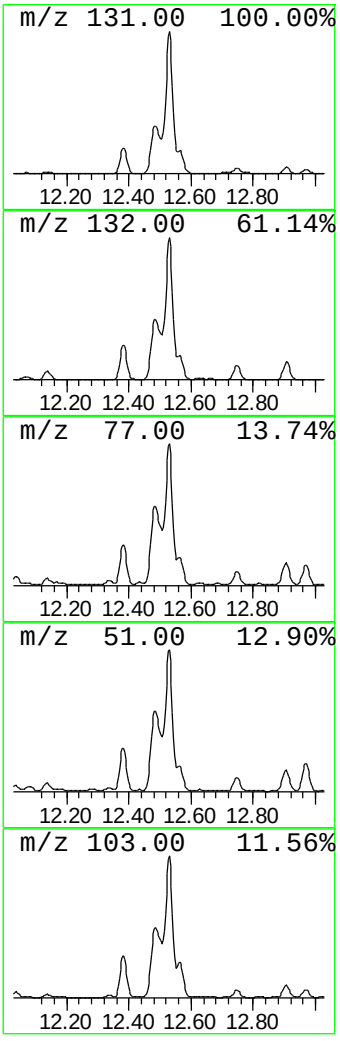
Peak Number 31 Cinnamaldehyde, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	25.80 ug/L	3626300	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86
5	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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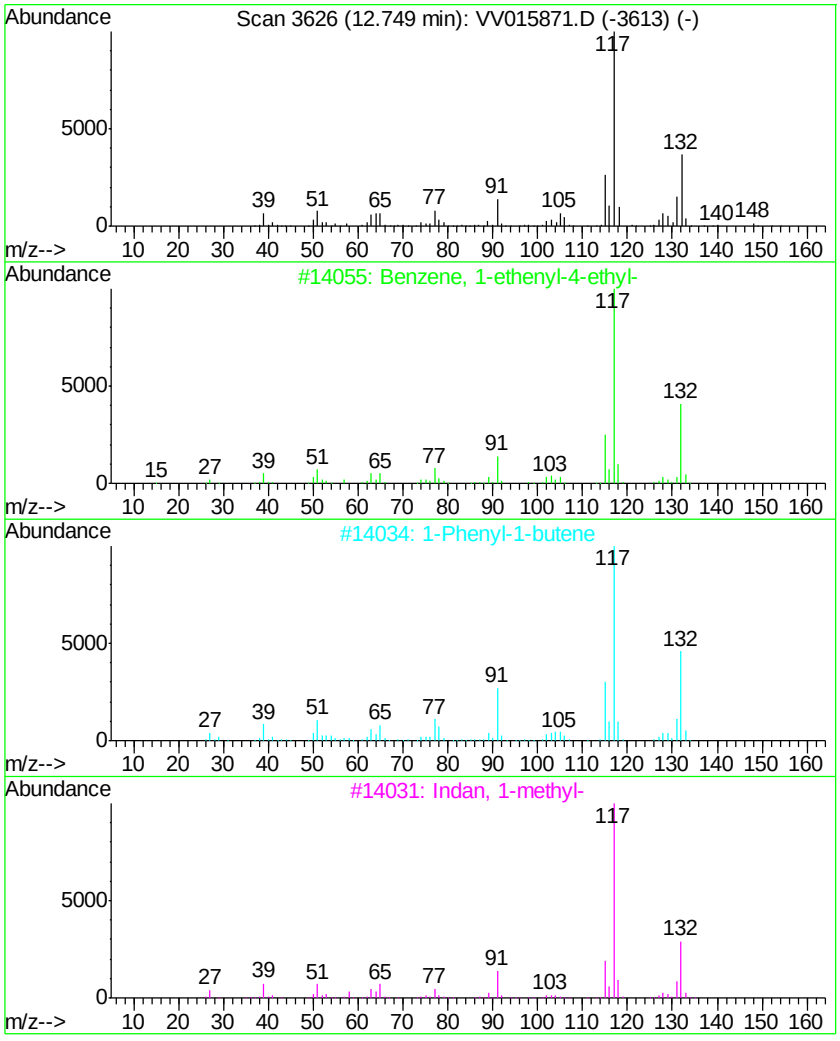
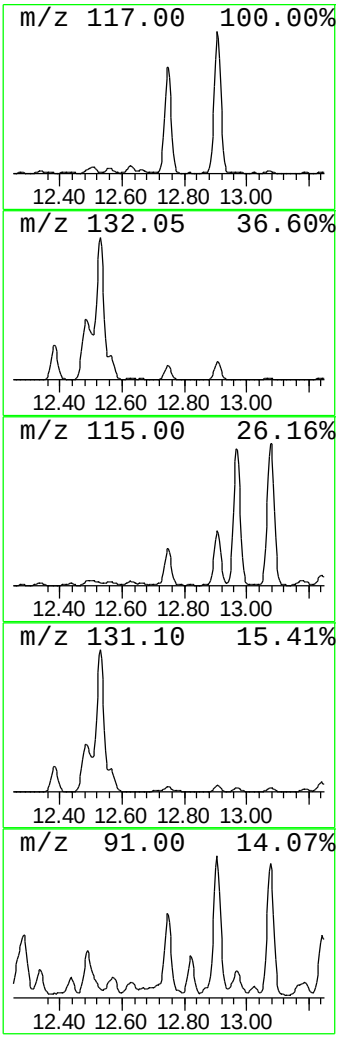
Peak Number 32 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.09 ug/L	996266	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

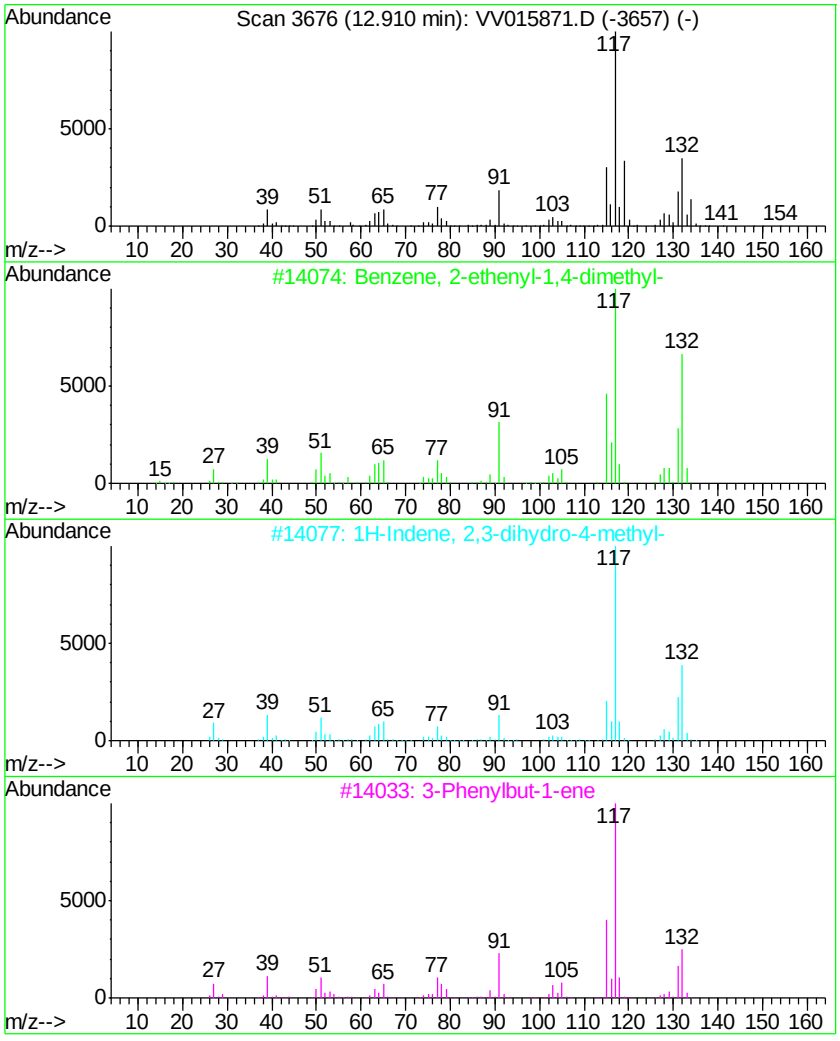
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

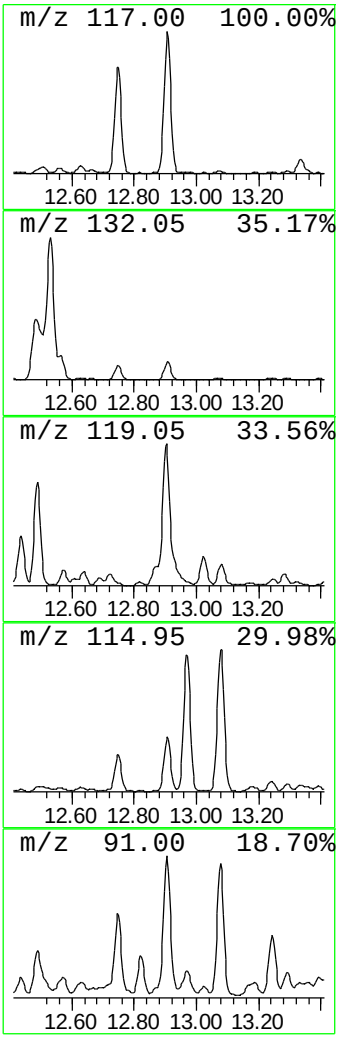
****

Peak Number 33 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	11.74 ug/L	1649490	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	89
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

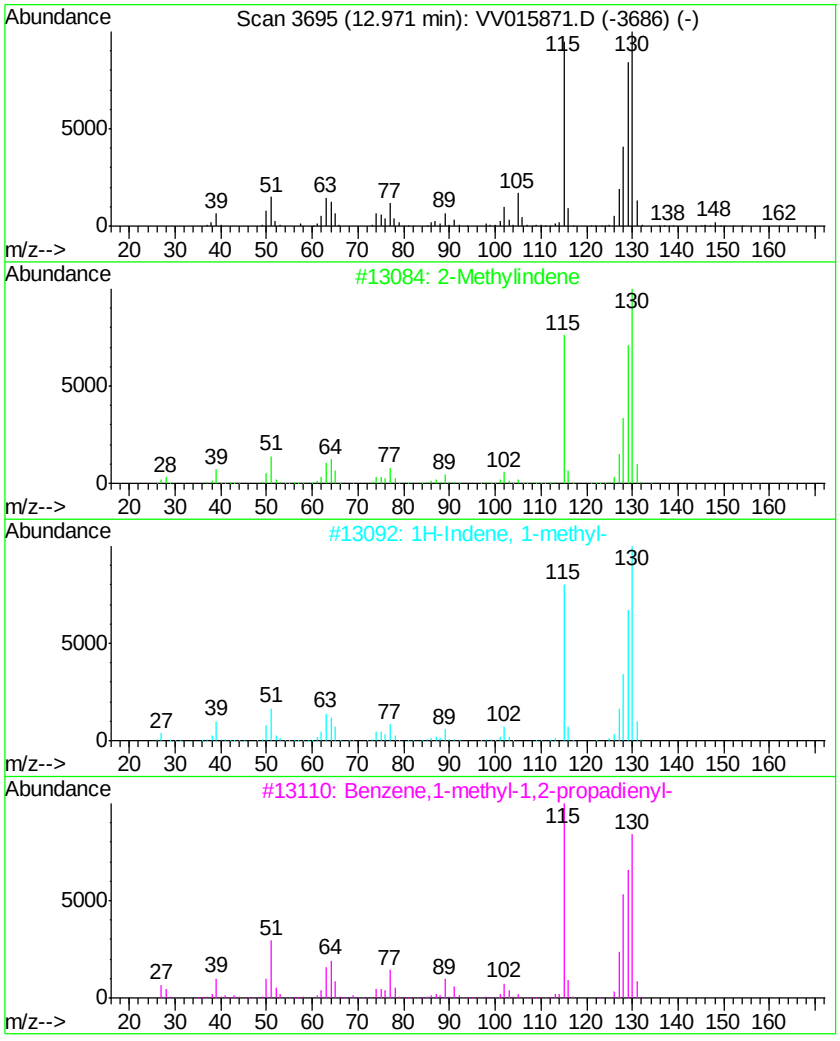
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

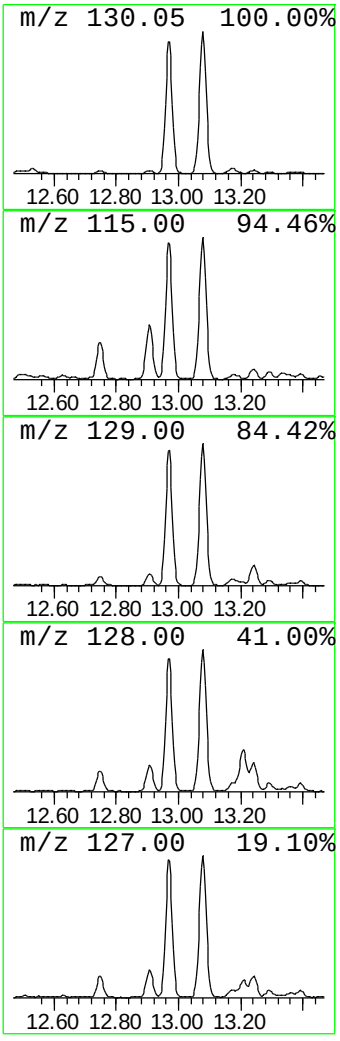
****

Peak Number 34 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	10.61 ug/L	1491280	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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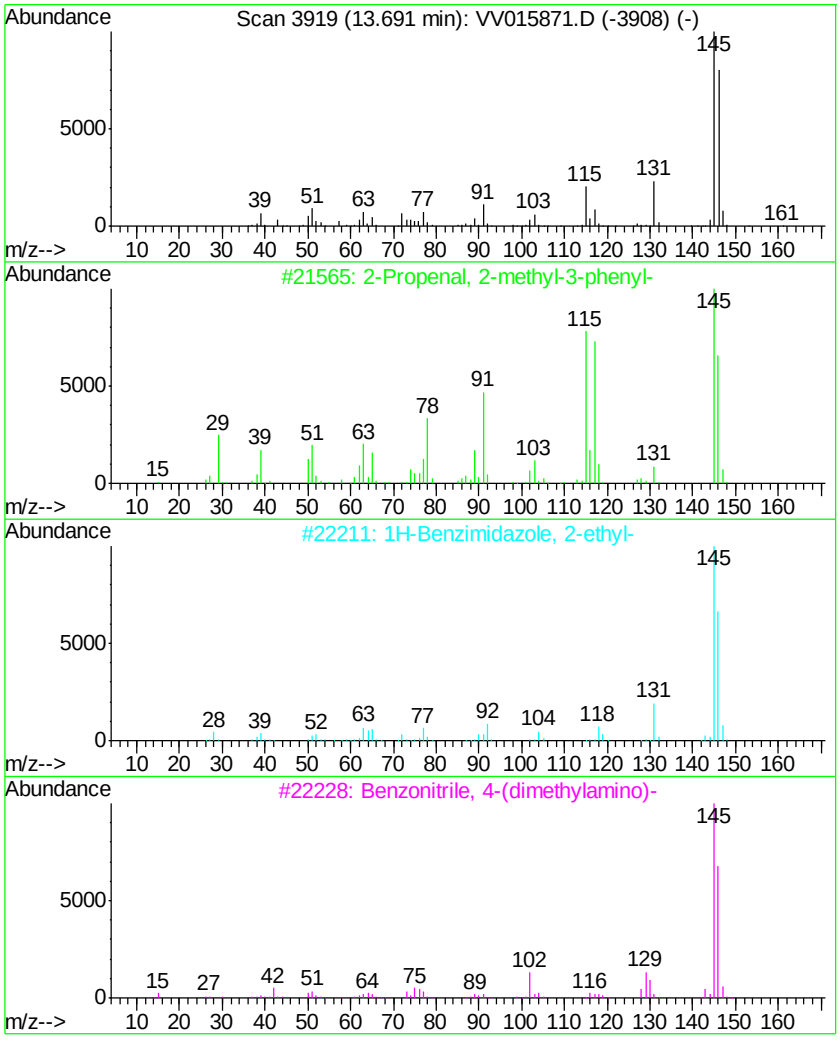
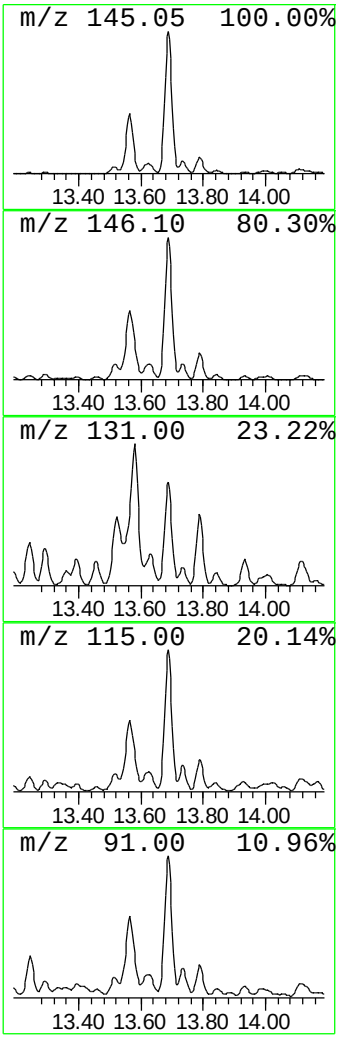
Peak Number 42 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	24.43 ug/L	3433180	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015871.D
Acq On : 01 May 2020 20:22
Operator : SY/MD
Sample : L2432-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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
Furan, 2-ethyl-5-...	7.86	2.1	ug/L	158163	2	8.87	370222	5.0
Benzene, propyl-	10.38	2.8	ug/L	389680	3	11.27	702733	5.0
Benzene, 1,2,3-tr...	10.56	2.7	ug/L	373439	3	11.27	702733	5.0
Cyclohexene, 1-me...	10.60	0.8	ug/L	116544	3	11.27	702733	5.0
Benzene, 1-ethyl-...	10.76	6.1	ug/L	851587	3	11.27	702733	5.0
Benzene, 1,2,4-tr...	10.94	12.7	ug/L	1782630	3	11.27	702733	5.0
Benzene, 1-etheny...	11.01	1.8	ug/L	248285	3	11.27	702733	5.0
(DEL) Alkane: Cyc...	11.07	0.7	ug/L	91816	3	11.27	702733	5.0
Cyclohexanone, 2-...	11.15	0.7	ug/L	98821	3	11.27	702733	5.0
o-Cymene	11.22	1.1	ug/L	153931	3	11.27	702733	5.0
Mesitylene	11.36	8.6	ug/L	1201700	3	11.27	702733	5.0
Benzene, 2-propenyl-	11.42	2.5	ug/L	355753	3	11.27	702733	5.0
Indane	11.55	10.3	ug/L	1449720	3	11.27	702733	5.0
Indene	11.77	10.5	ug/L	1479960	3	11.27	702733	5.0
Cyclohexanone, 2-...	11.81	1.2	ug/L	173464	3	11.27	702733	5.0
Benzene, 1-methyl...	11.84	2.0	ug/L	276635	3	11.27	702733	5.0
Benzene, 4-ethyl-...	11.93	3.2	ug/L	444441	3	11.27	702733	5.0
Benzene, 1-methyl...	11.96	2.5	ug/L	352016	3	11.27	702733	5.0
Furan, 2,2'-methy...	12.08	1.8	ug/L	257483	3	11.27	702733	5.0
Benzene, 1-etheny...	12.14	4.1	ug/L	571547	3	11.27	702733	5.0
Cyclooctanone, 2-...	12.18	3.8	ug/L	533045	3	11.27	702733	5.0
Cycloheptanone, 2...	12.23	1.1	ug/L	160826	3	11.27	702733	5.0
Benzene, 1-ethyl-...	12.33	2.8	ug/L	393938	3	11.27	702733	5.0
Benzofuran, 2-met...	12.38	8.1	ug/L	1132860	3	11.27	702733	5.0
Benzene, 1,2,3,5-...	12.43	0.6	ug/L	87037	3	11.27	702733	5.0
3-Phenyl-2-propyn...	12.48	22.3	ug/L	3130410	3	11.27	702733	5.0
Cinnamaldehyde, (E)-	12.53	25.8	ug/L	3626300	3	11.27	702733	5.0
Benzene, 1-etheny...	12.75	7.1	ug/L	996266	3	11.27	702733	5.0
Benzene, 2-etheny...	12.91	11.7	ug/L	1649490	3	11.27	702733	5.0
2-Methylindene	12.97	10.6	ug/L	1491280	3	11.27	702733	5.0
2-Propenal, 2-met...	13.69	24.4	ug/L	3433180	3	11.27	702733	5.0