LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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	1.315	62	70	81	rVB	56617	59697	12.49%	0.684%
2	1.579	143	152	166	rBV	50433	59135	12.37%	0.678%
3	2.123	310	321	341	rVB	89290	135997	28.45%	1.558%
4	2.528	437	447	459	rVB2	4865	8711	1.82%	0.100%
5	3.537	746	761	778	rBV	11745	28414	5.94%	0.326%
6	3.933	872	884	919	rBV	44208	168663	35.29%	1.933%
7	4.380	1003	1023	1052	rBV2	66322	174208	36.45%	1.996%
8	5.074	1218	1239	1250	rBV2	155594	391278	81.86%	4.484%
9	5.569	1380	1393	1403	rBV2	6326	15010	3.14%	0.172%
10	5.643	1404	1416	1438	rVB	151327	304999	63.81%	3.495%
11	5.942	1498	1509	1522	rBV6	8067	17406	3.64%	0.199%
12	6.055	1528	1544	1549	rBV	71472	126194	26.40%	1.446%
13	6.097	1550	1557	1576	rVB	94116	191036	39.97%	2.189%
14	6.293	1608	1618	1624	rBV	6675	11681	2.44%	0.134%
15	7.010	1830	1841	1860	rBV2	43628	83602	17.49%	0.958%
16	7.338	1931	1943	1955	rBV	182458	319001	66.74%	3.655%
17	7.412	1955	1966	1984	rVV	274896	477957	100.00%	5.477%
18	7.498	1985	1993	2004	rVB4	6982	12573	2.63%	0.144%
19	7.646	2027	2039	2057	rBV	25810	46012	9.63%	0.527%
20	7.730	2057	2065	2075	rVV5	3894	6614	1.38%	0.076%
21	7.865	2091	2107	2127	rBV	37170	64163	13.42%	0.735%
22	8.032	2153	2159	2173	rBV3	4983	9713	2.03%	0.111%
23	8.113	2174	2184	2219	rVV2	217554	438115	91.66%	5.020%
24	8.875	2400	2421	2445	rBV	237746	418299	87.52%	4.793%
25	8.968	2446	2450	2461	rVB5	3842	6756	1.41%	0.077%
26	9.035	2461	2471	2486	rBV	134664	226455	47.38%	2.595%
27	9.158	2493	2509	2523	rVV	178183	315350	65.98%	3.614%
28	9.235	2525	2533	2548	rVB2	19306	36428	7.62%	0.417%
29	9.309	2548	2556	2572	rVB8	6486	12771	2.67%	0.146%
30	9.566	2620	2636	2649	rBV	115617	195136	40.83%	2.236%
31	9.698	2665	2677	2688	rBV2	24780	42049	8.80%	0.482%
32	9.765	2688	2698	2716	rVB3	13850	24838	5.20%	0.285%
33	9.884	2723	2735	2744	rBV2	36976	63296	13.24%	0.725%
34	9.945	2745	2754	2778	rVB7	28148	81724	17.10%	0.936%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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	10.113	2793	2806	2816	rBV7	5044	11478	2.40%	0.132%
36	10.167	2816	2823	2831	rBV5	4322	6350	1.33%	0.073%
37	10.238	2831	2845	2858	rVV	74371	123937	25.93%	1.420%
38	10.376	2874	2888	2894	rBV2	26521	44138	9.23%	0.506%
39	10.412	2894	2899	2907	rVB2	19203	26507	5.55%	0.304%
40	10.469	2908	2917	2922	rBV2	44137	68496	14.33%	0.785%
41	10.540	2931	2939	2955	rVB3	44100	102644	21.48%	1.176%
42	10.617	2955	2963	2971	rVB8	4676	8488	1.78%	0.097%
43	10.759	2998	3007	3015	rBV	42317	65909	13.79%	0.755%
44	10.884	3038	3046	3052	rBV2	9841	16564	3.47%	0.190%
45	10.936	3052	3062	3076	rVB2	90579	144395	30.21%	1.655%
46	11.010	3076	3085	3097	rVB2	53149	81020	16.95%	0.928%
47	11.074	3097	3105	3116	rBV3	25479	39180	8.20%	0.449%
48	11.158	3119	3131	3135	rBV2	28001	45660	9.55%	0.523%
49	11.193	3135	3142	3152	rVB	85151	126737	26.52%	1.452%
50	11.270	3157	3166	3182	rVB	275753	435715	91.16%	4.993%
51	11.357	3183	3193	3202	rBV2	79447	131188	27.45%	1.503%
52	11.418	3206	3212	3224	rVB3	26068	44195	9.25%	0.506%
53	11.550	3242	3253	3263	rBV2	79085	129376	27.07%	1.482%
54	11.646	3264	3283	3300	rVB	203123	378624	79.22%	4.339%
55	11.772	3311	3322	3332	rBV3	89198	163125	34.13%	1.869%
56	11.929	3359	3371	3377	rBV8	13275	30083	6.29%	0.345%
57	12.039	3393	3405	3411	rBV2	14142	23666	4.95%	0.271%
58	12.084	3412	3419	3425	rBV4	10164	14513	3.04%	0.166%
59	12.135	3425	3435	3442	rBV3	22081	38261	8.01%	0.438%
60	12.186	3443	3451	3459	rVB4	21401	31468	6.58%	0.361%
61	12.231	3459	3465	3470	rBV5	6698	9447	1.98%	0.108%
62	12.267	3470	3476	3487	rVB4	23591	38331	8.02%	0.439%
63	12.334	3488	3497	3503	rBV5	12478	24078	5.04%	0.276%
64	12.383	3503	3512	3523	rVB3	70190	114923	24.04%	1.317%
65	12.482	3533	3543	3550	rBV4	116177	235657	49.31%	2.700%
66	12.530	3551	3558	3566	rVB	193712	273684	57.26%	3.136%
67	12.633	3582	3590	3596	rVB	5110	7716	1.61%	0.088%
68	12.746	3612	3625	3637	rVB	29618	50257	10.51%	0.576%
69	12.903	3663	3674	3687	rBV3	54074	102145	21.37%	1.170%
70	12.968	3687	3694	3713	rVB	49260	82878	17.34%	0.950%
71	13.077	3715	3728	3747	rVB2	67505	115513	24.17%	1.324%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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	13.174	3747	3758	3765	rBV8	7091	16128	3.37%	0.185%
73	13.244	3773	3780	3786	rBV5	11122	15693	3.28%	0.180%
74	13.286	3787	3793	3811	rVB7	13589	28940	6.05%	0.332%
75	13.460	3842	3847	3855	rVB6	9497	13152	2.75%	0.151%
76	13.524	3856	3867	3875	rBV	223803	368136	77.02%	4.218%
77	13.688	3908	3918	3927	rBV	96389	154097	32.24%	1.766%
78	13.730	3927	3931	3941	rVB4	11588	16428	3.44%	0.188%
79	13.788	3941	3949	3959	rVB2	24565	36100	7.55%	0.414%
80	13.849	3959	3968	3976	rBV2	5085	8871	1.86%	0.102%
81	13.990	4004	4012	4015	rBV8	3838	5278	1.10%	0.060%
82	14.125	4041	4054	4059	rBV10	4401	9526	1.99%	0.109%
83	14.270	4096	4099	4106	rVV7	4998	7972	1.67%	0.091%
84	14.315	4109	4113	4120	rVB7	3791	4902	1.03%	0.056%
85	14.521	4167	4177	4186	rVV10	2912	5861	1.23%	0.067%
86	14.591	4190	4199	4207	rVV7	5320	8666	1.81%	0.099%
87	14.656	4207	4219	4228	rVV3	20110	35194	7.36%	0.403%
88	14.707	4228	4235	4245	rVB7	3428	5354	1.12%	0.061%
89	14.842	4264	4277	4287	rBV	16504	27055	5.66%	0.310%

Sum of corrected areas: 8726980

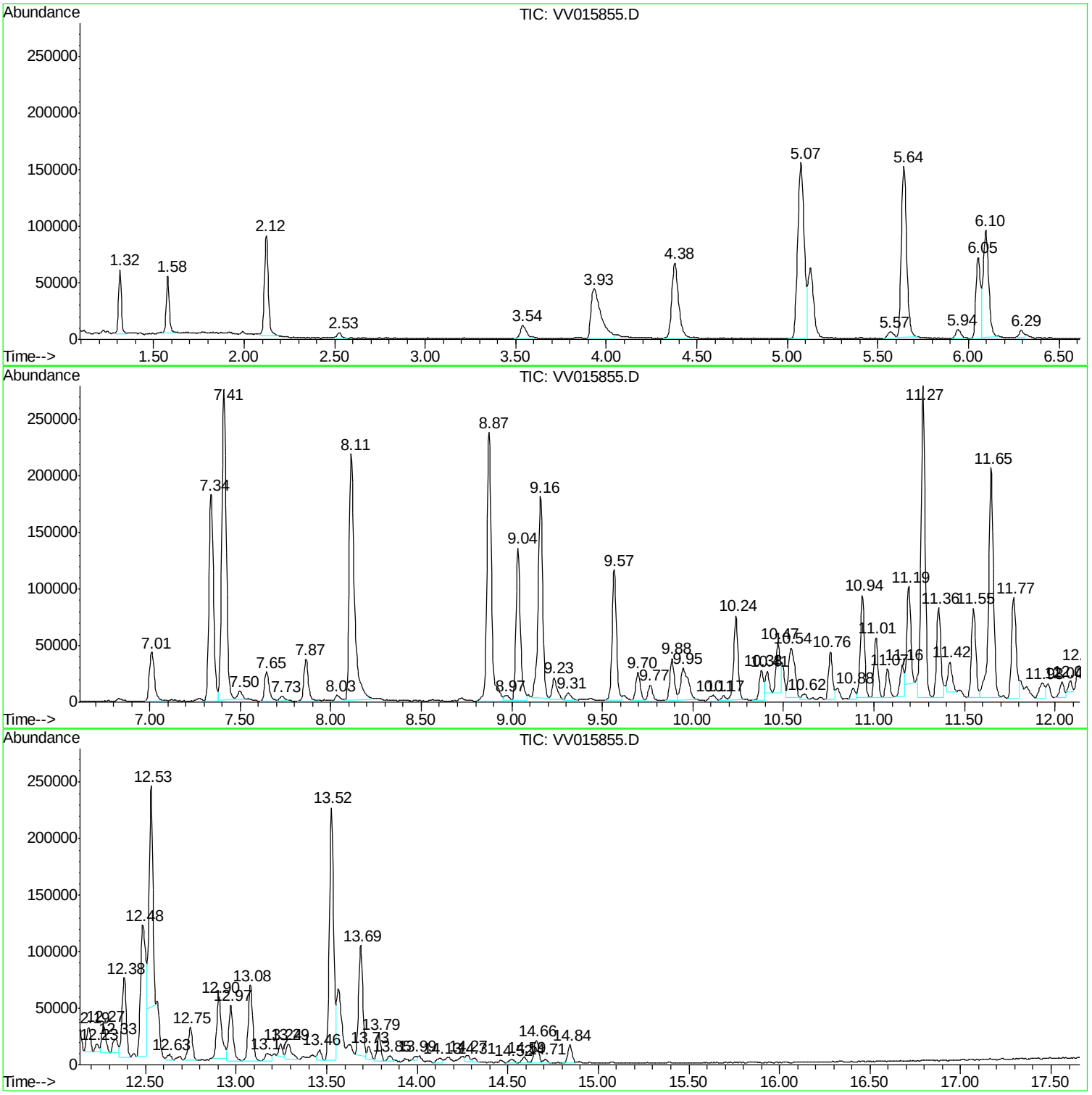
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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 : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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

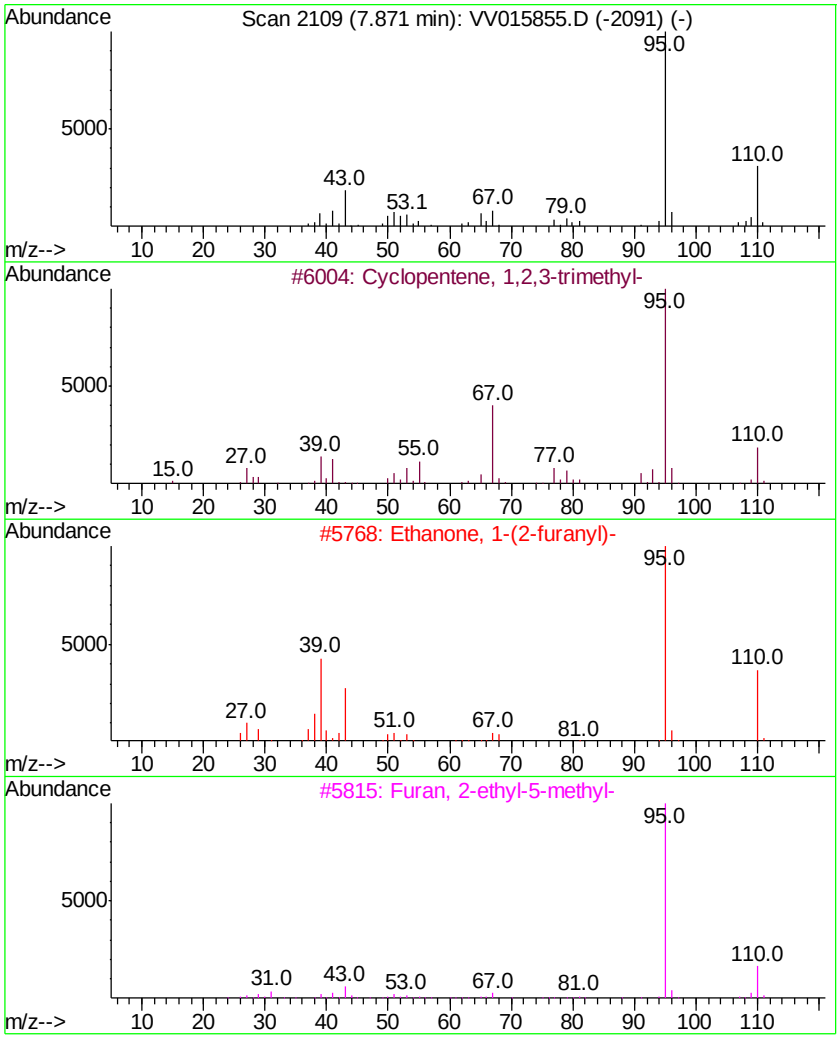
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

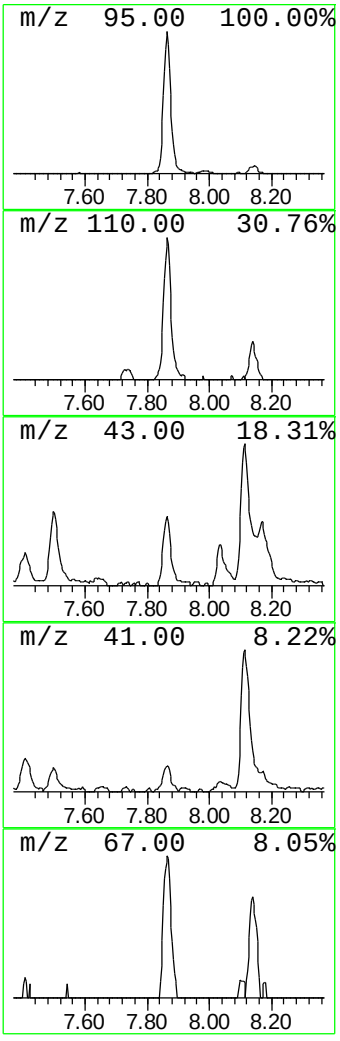
****

Peak Number 2 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	0.77 ug/L	64163	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	80
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	80
4	2-Isopropylimidazole	110	C6H10N2	036947-68-9	80
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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

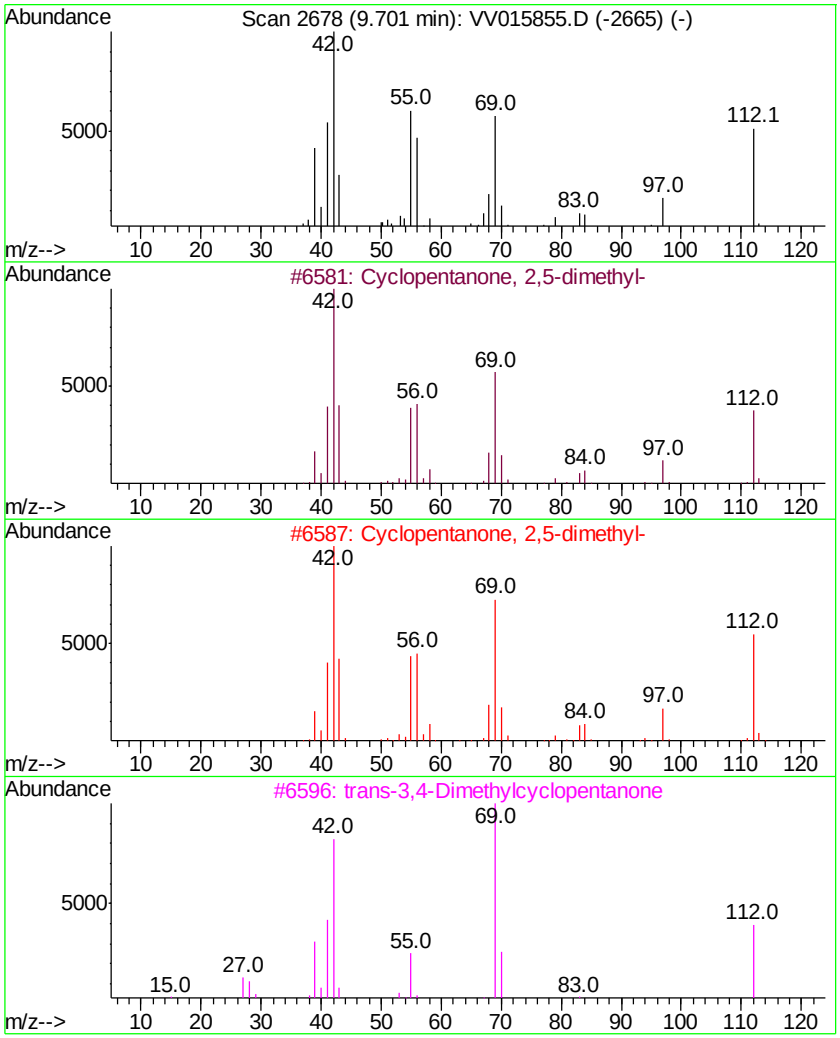
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

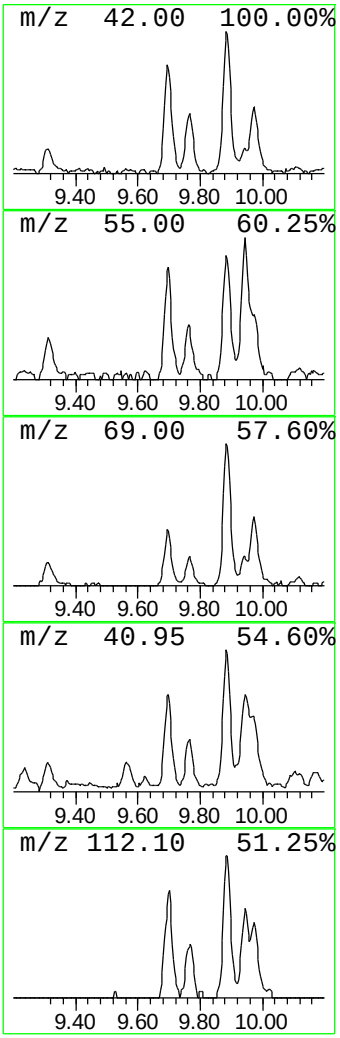
****

Peak Number 3 Cyclopentanone, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	0.50 ug/L	42049	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	81
2	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	81
3	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	52
4	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	49
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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

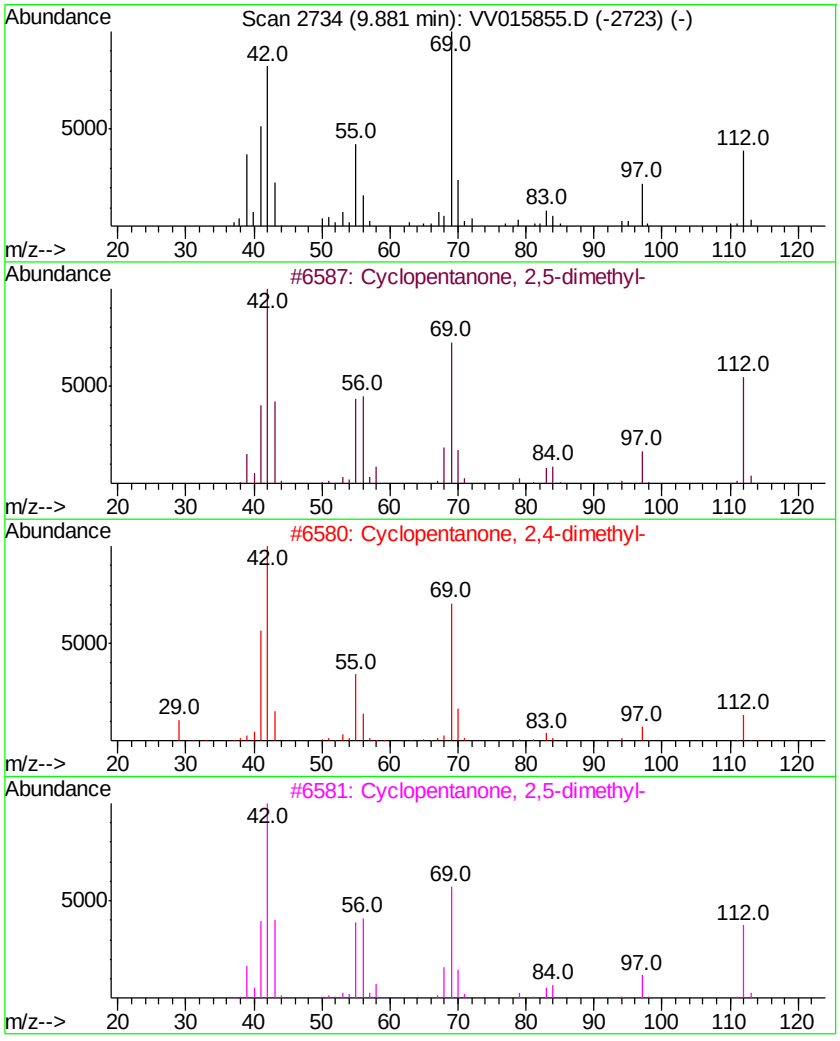
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

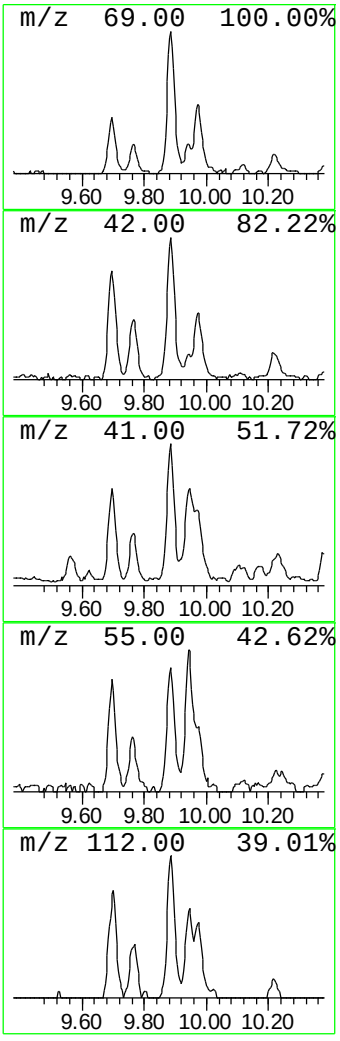
****

Peak Number 4 Cyclopentanone, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	0.76 ug/L	63296	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	91
2	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	90
3	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	78
4	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	74
5	ICN 3847	324	C8H13N4O8P	040925-28-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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

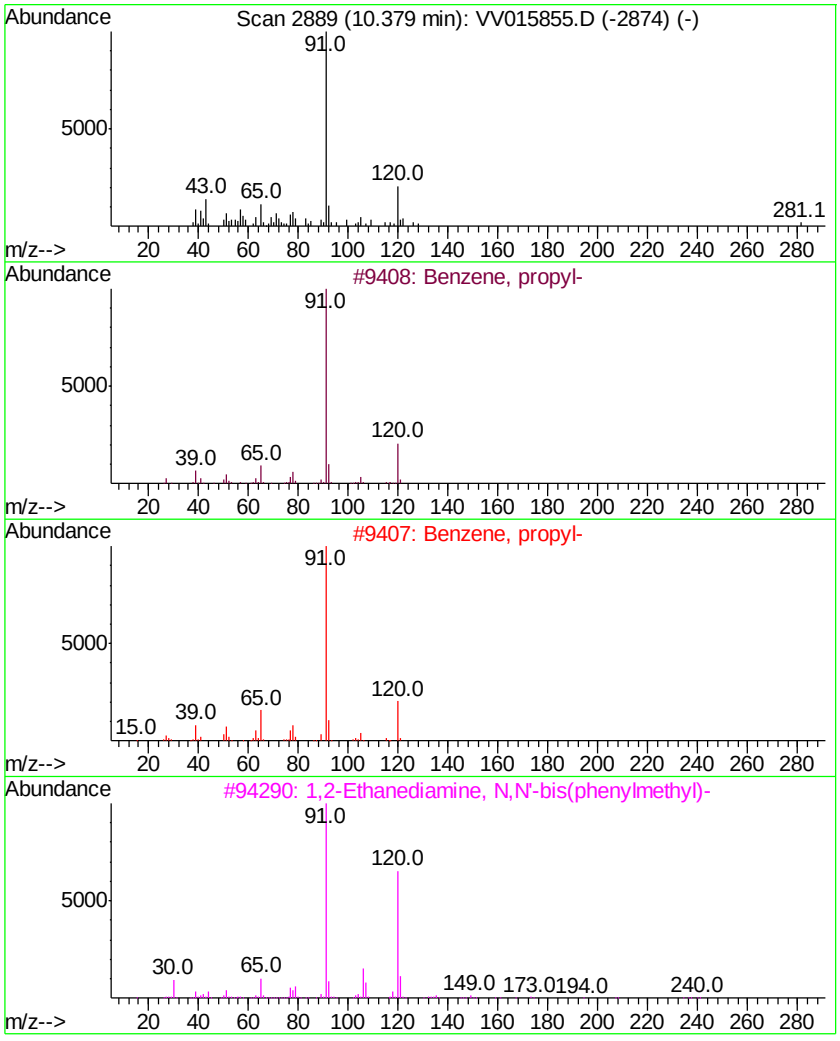
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

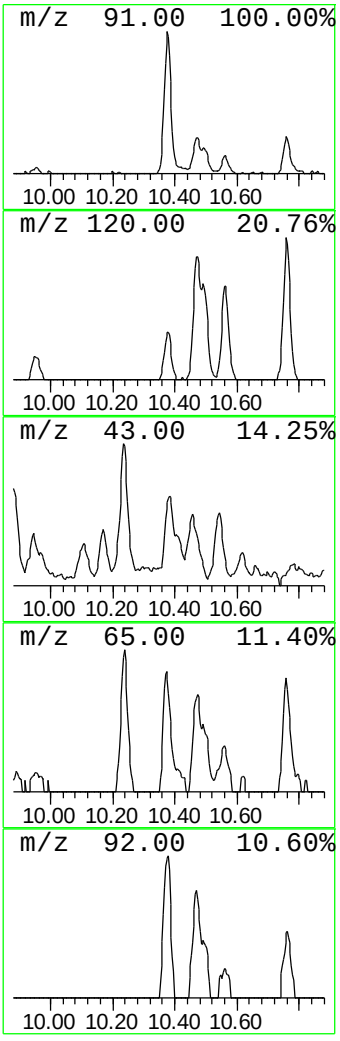
****

Peak Number 5 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.51 ug/L	44138	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	59
5	Benzene, propyl-	120	C9H12	000103-65-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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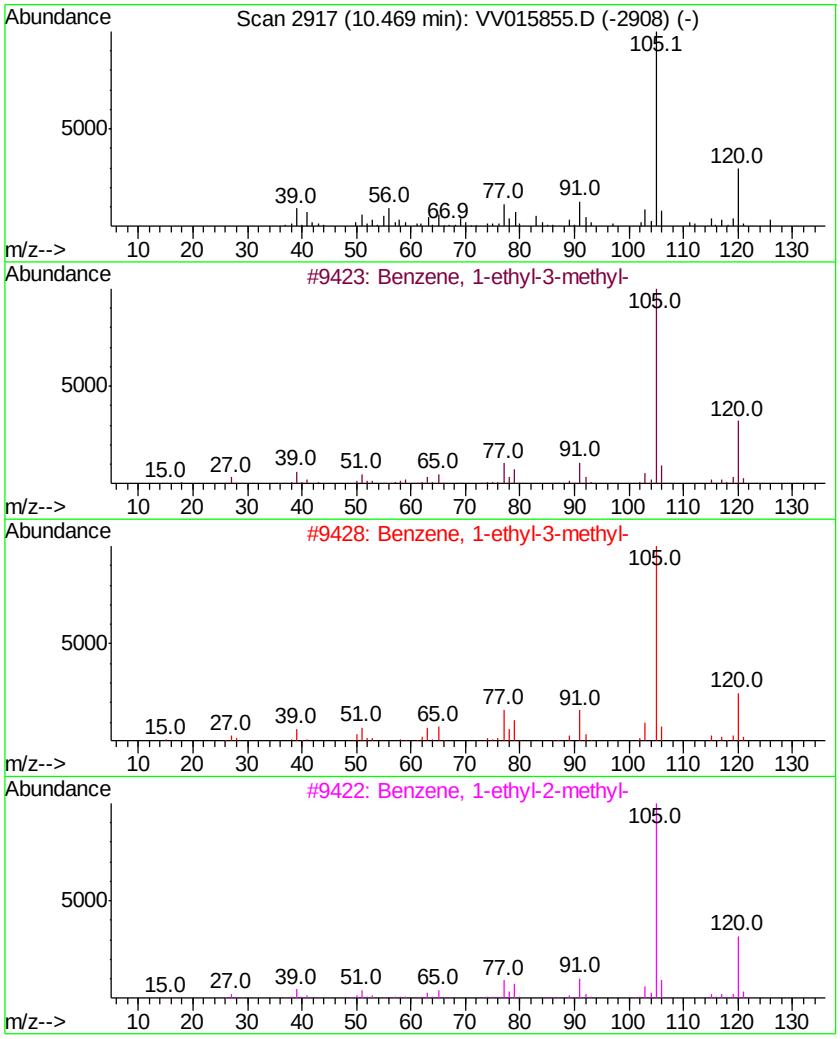
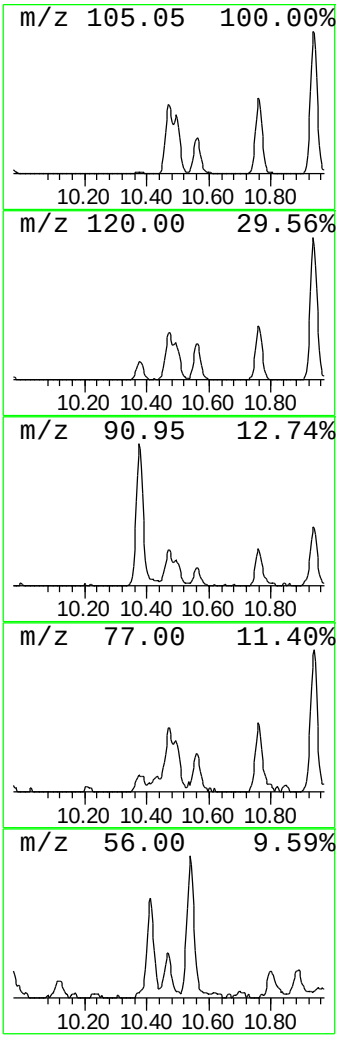
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	0.79 ug/L	68496	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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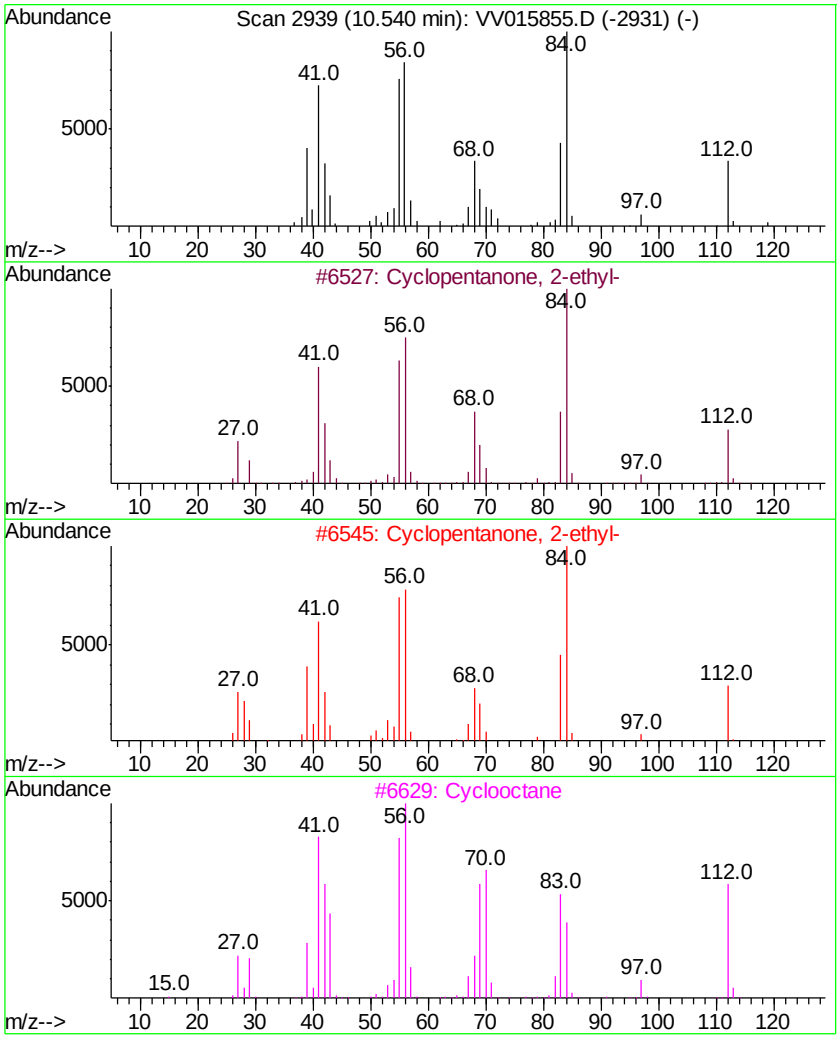
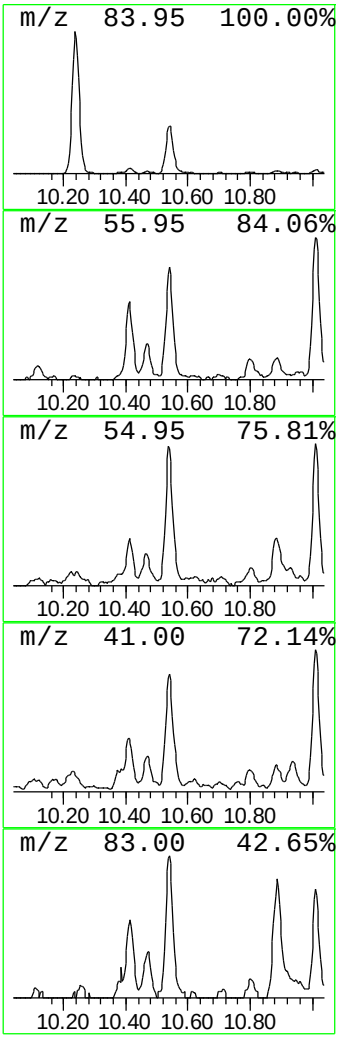
Peak Number 7 Cyclopentanone, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	1.18 ug/L	102644	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	95
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	94
3	Cyclooctane	112	C8H16	000292-64-8	58
4	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	46
5	Cyclohexane	84	C6H12	000110-82-7	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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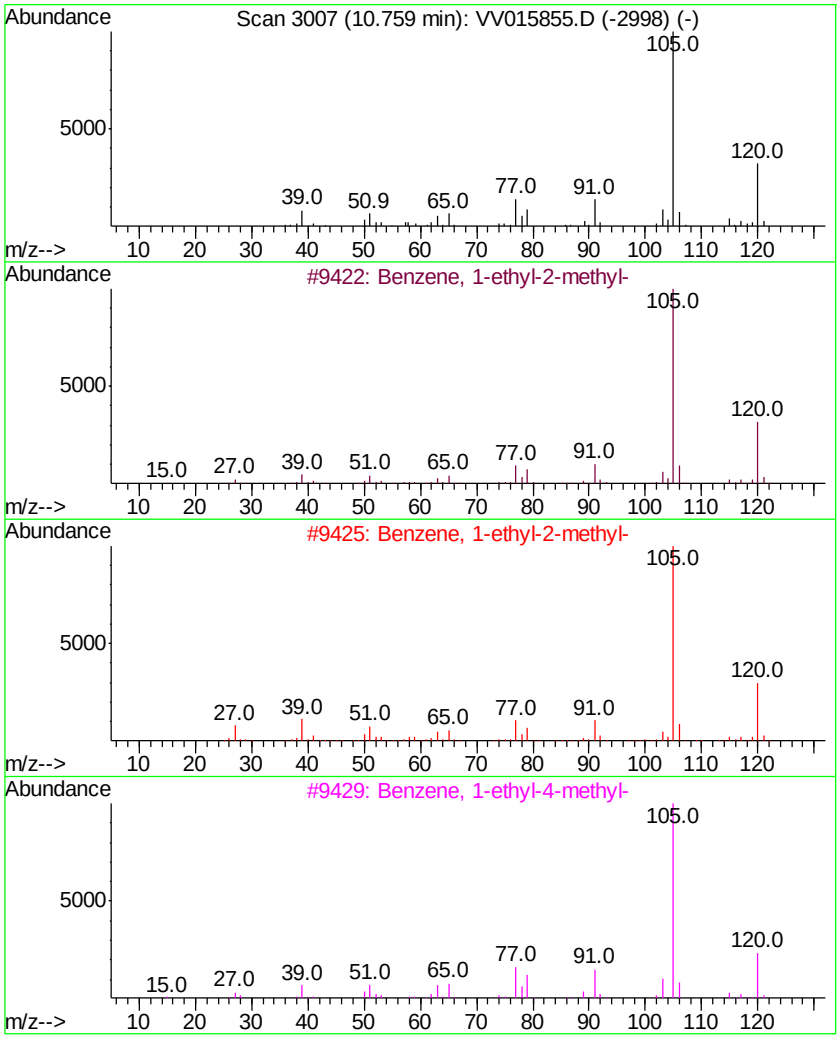
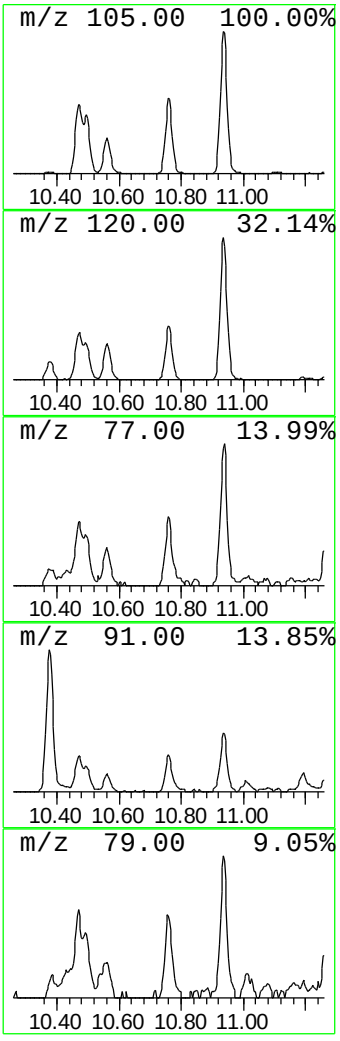
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	0.76 ug/L	65909	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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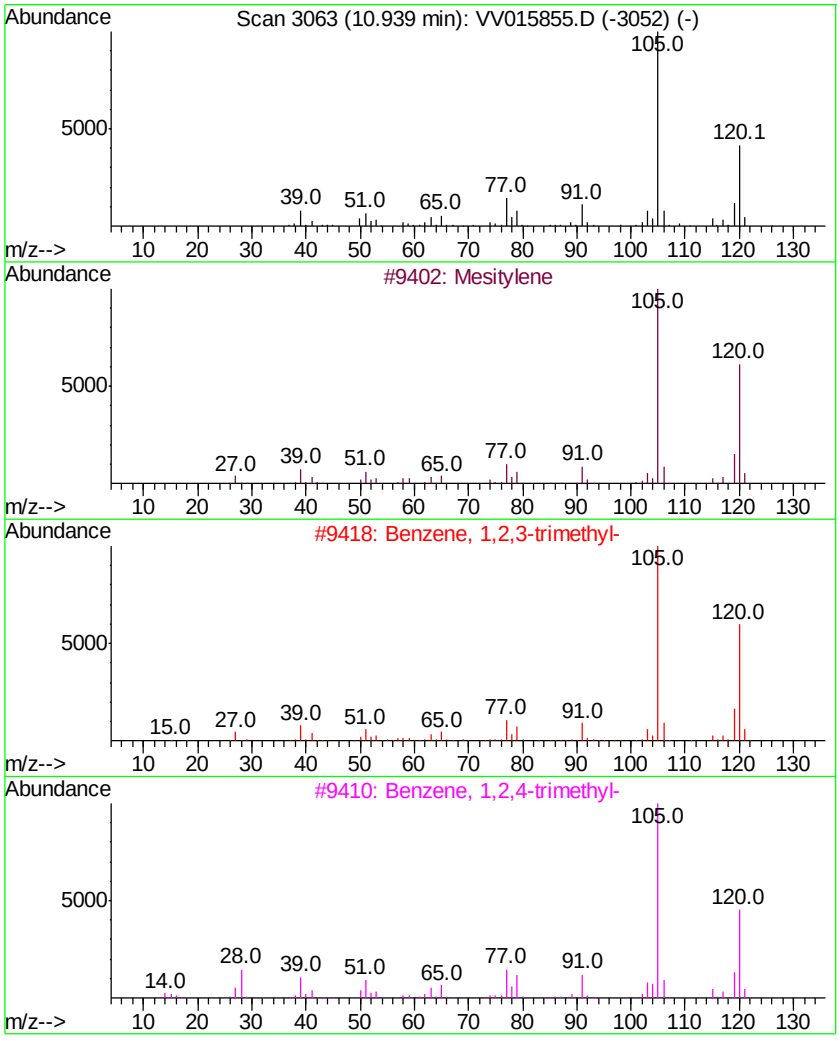
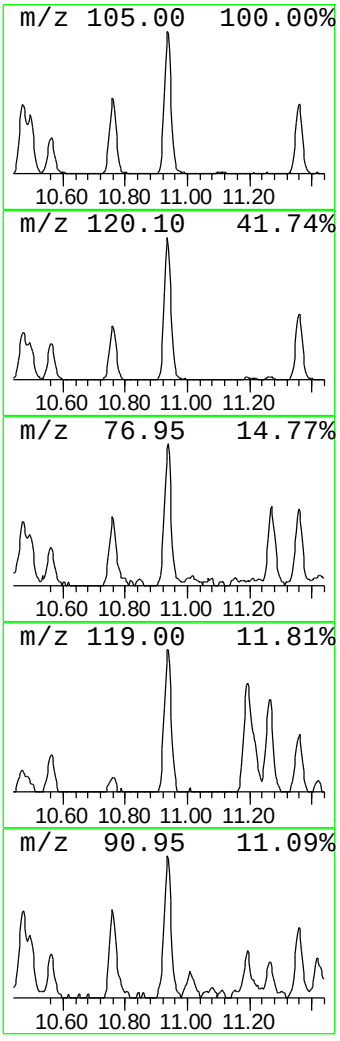
Peak Number 9 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	1.66 ug/L	144395	1,4-Dichlorobenzene-d4	11.27

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





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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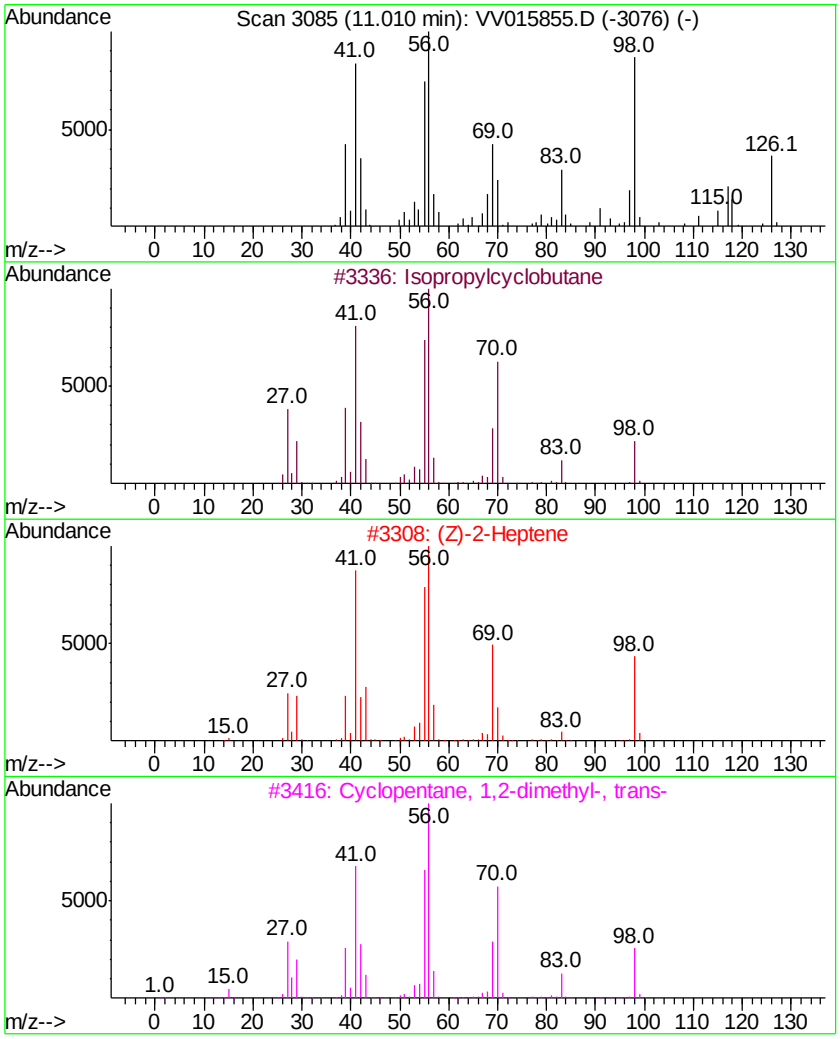
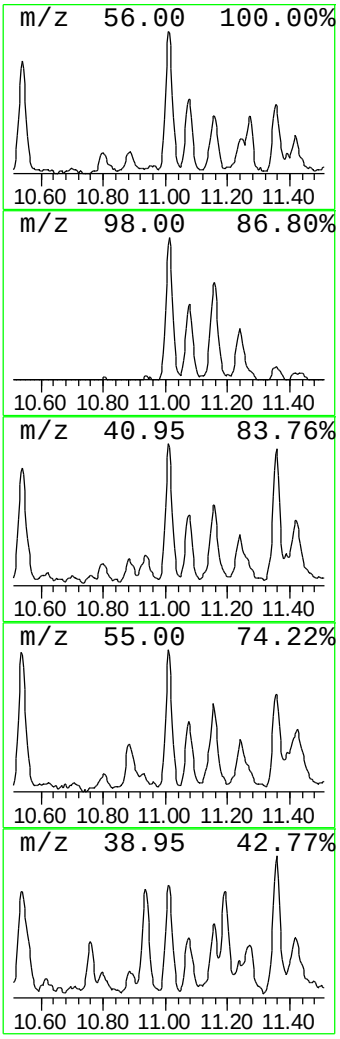
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	0.93 ug/L	81020	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	70
2	(Z)-2-Heptene	98	C7H14	006443-92-1	62
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	62
4	3-Heptene, (E)-	98	C7H14	014686-14-7	62
5	(Z)-3-Heptene	98	C7H14	007642-10-6	58





Library Search Compound Report

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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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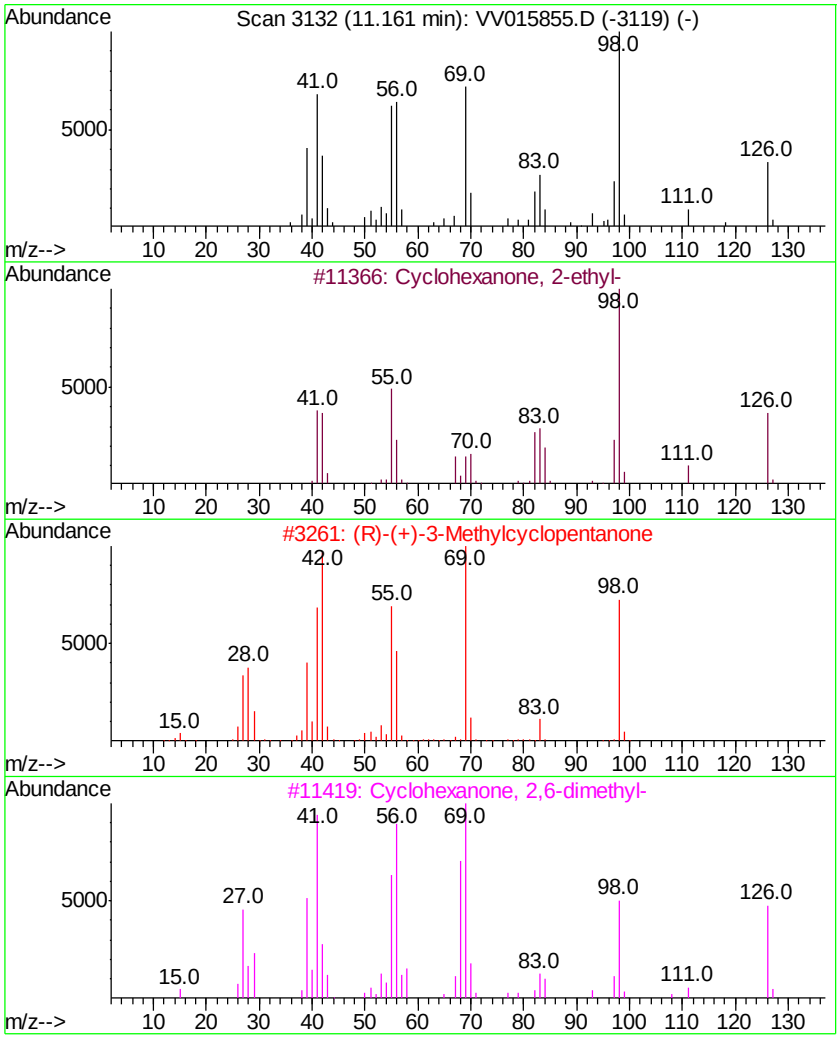
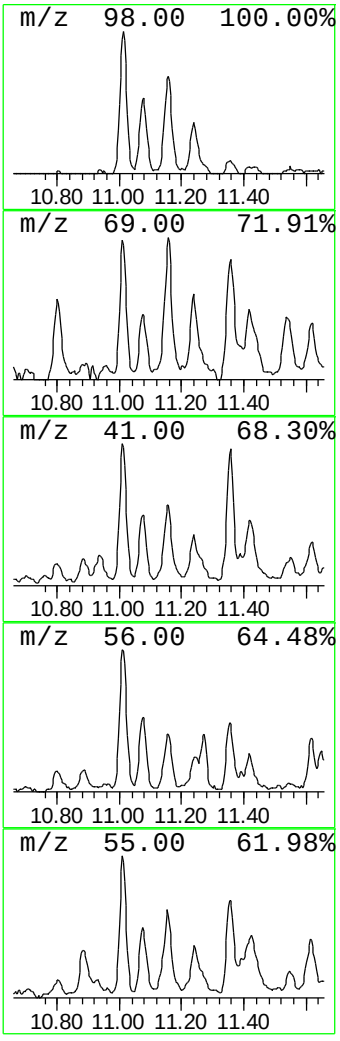
Peak Number 11 Cyclohexanone, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	0.52 ug/L	45660	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	87
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	52
3	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	52
4	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	52
5	1-Heptene	98	C7H14	000592-76-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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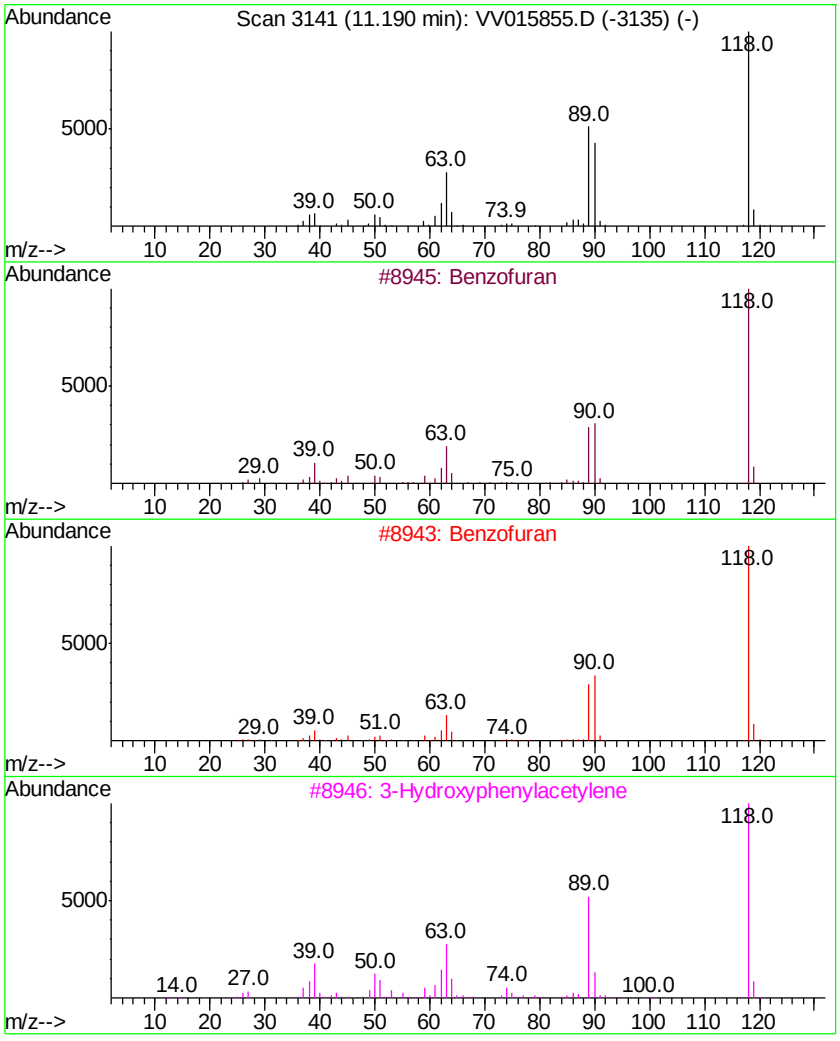
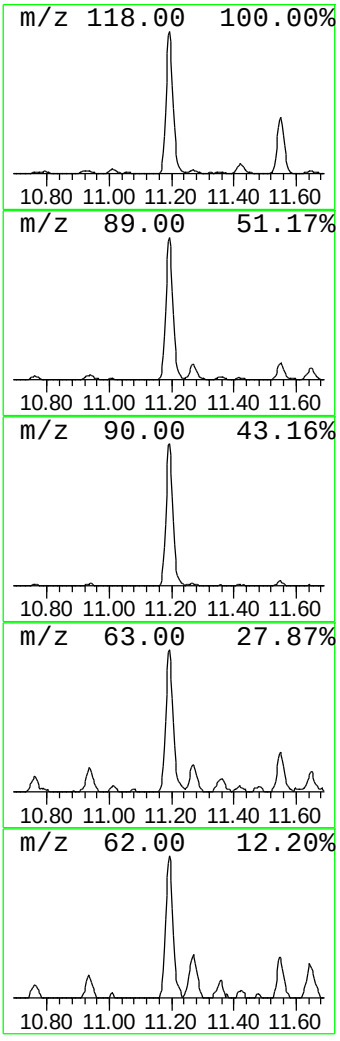
Peak Number 12 Benzofuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	1.45 ug/L	126737	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	74
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40
5	1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	40





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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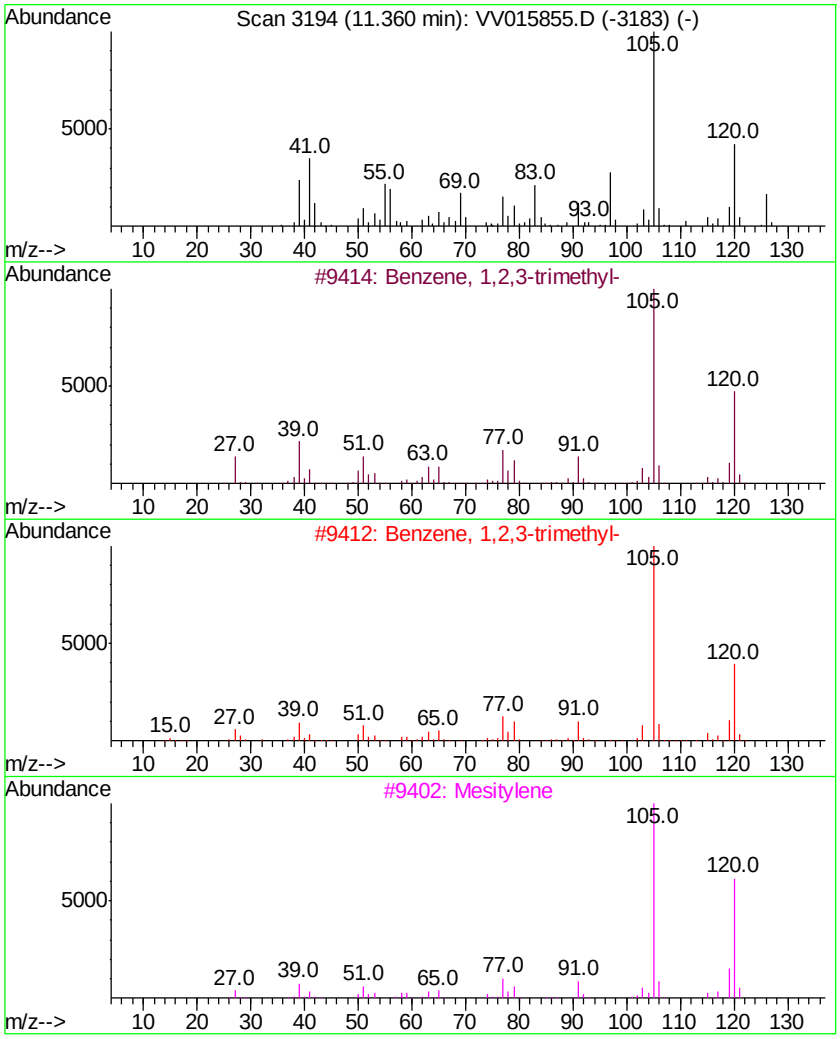
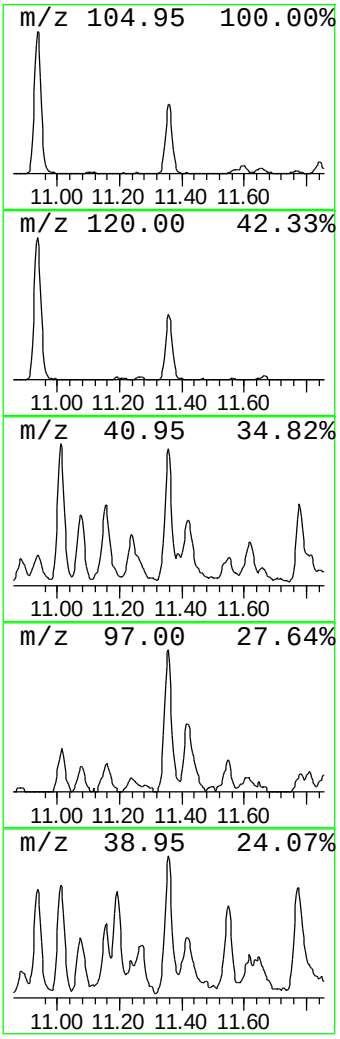
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	1.51 ug/L	131188	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	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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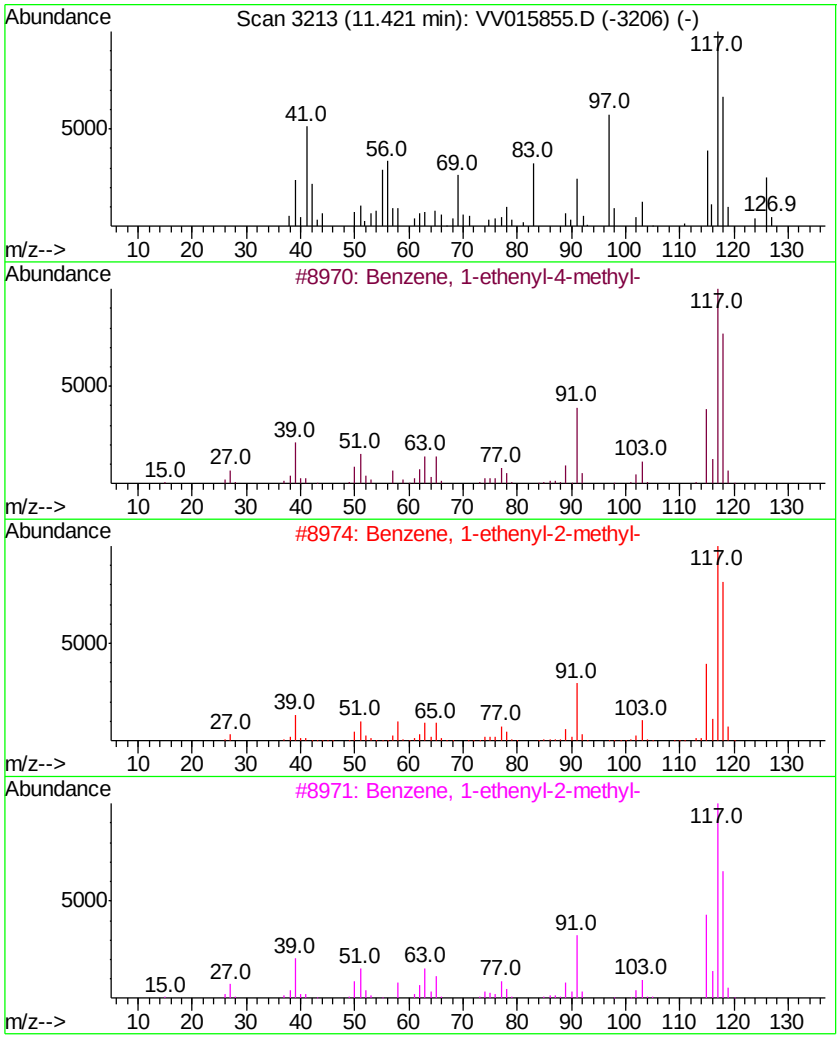
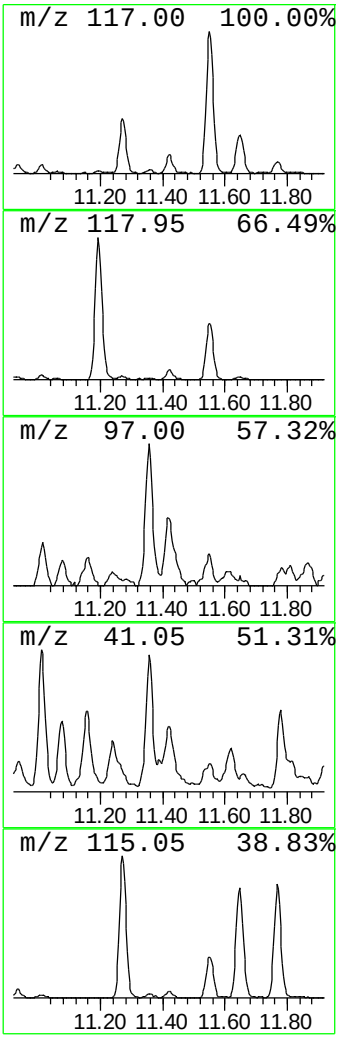
Peak Number 14 Benzene, 1-ethenyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.51 ug/L	44195	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	84
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81





Library Search Compound Report

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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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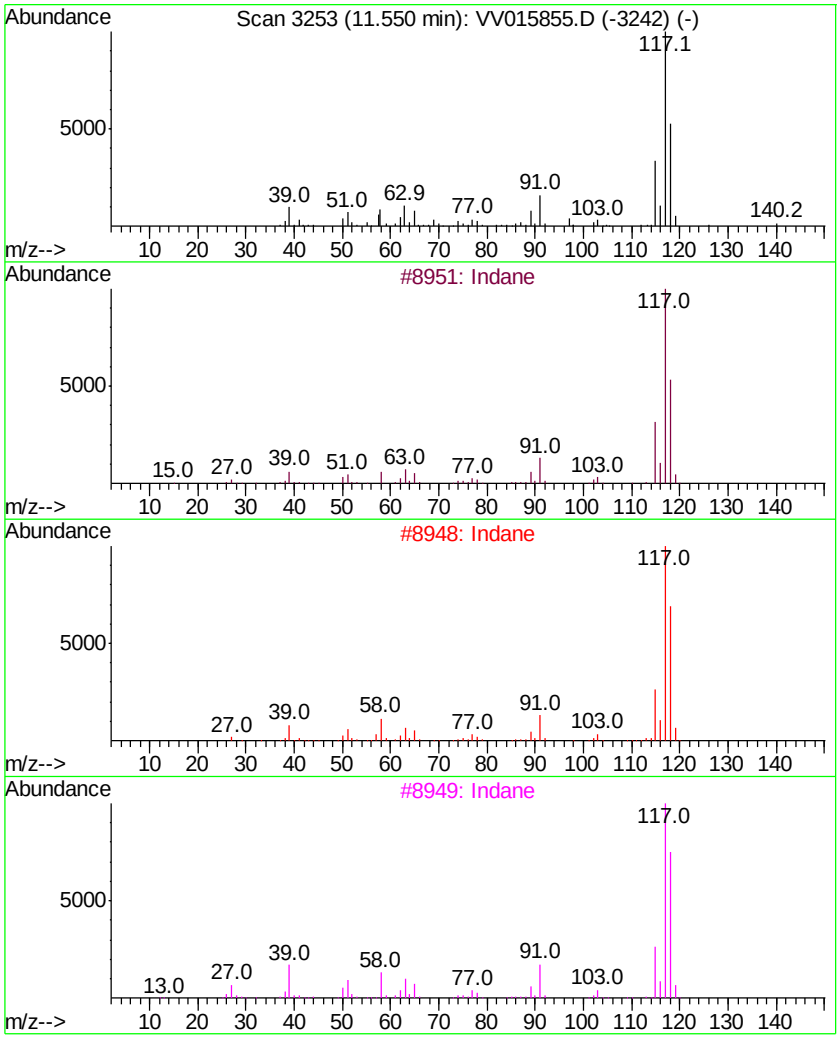
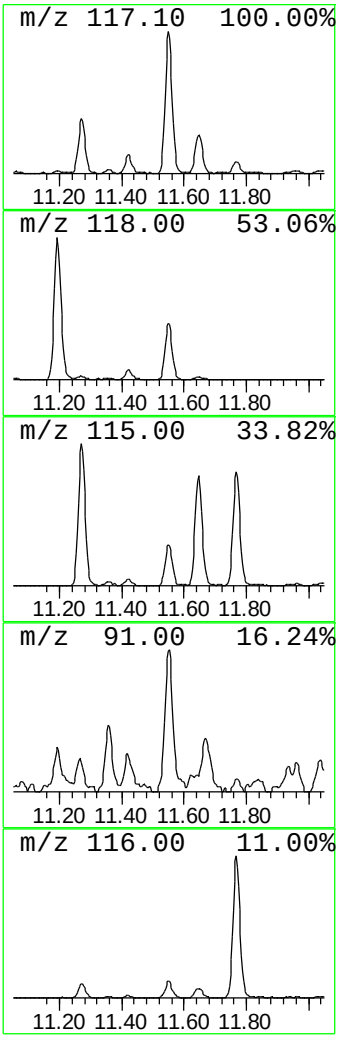
Peak Number 15 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	1.48 ug/L	129376	1,4-Dichlorobenzene-d4	11.27

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	91
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74





Library Search Compound Report

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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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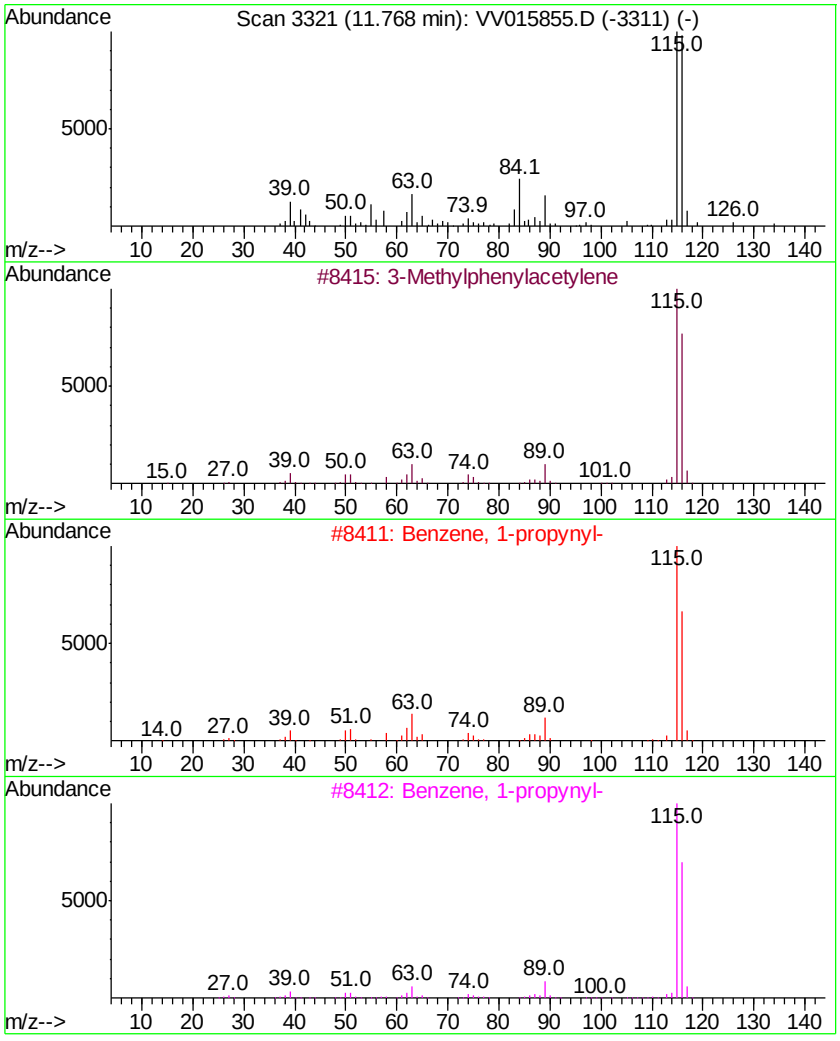
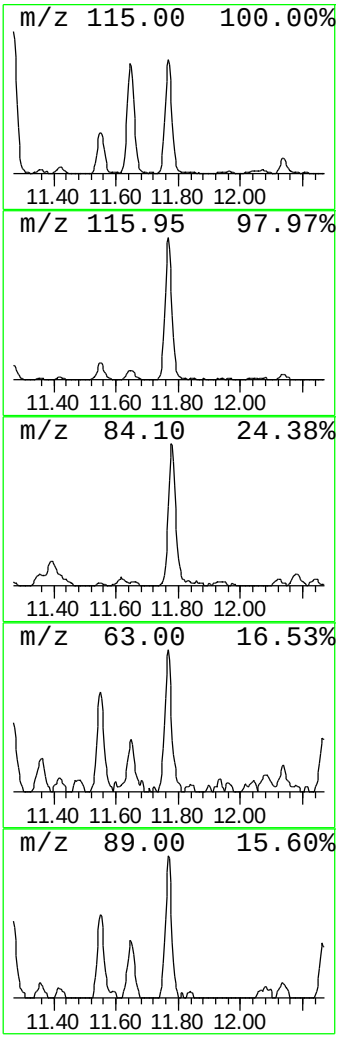
Peak Number 16 3-Methylphenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	1.87 ug/L	163125	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	81
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	81
5	Indene	116	C9H8	000095-13-6	81





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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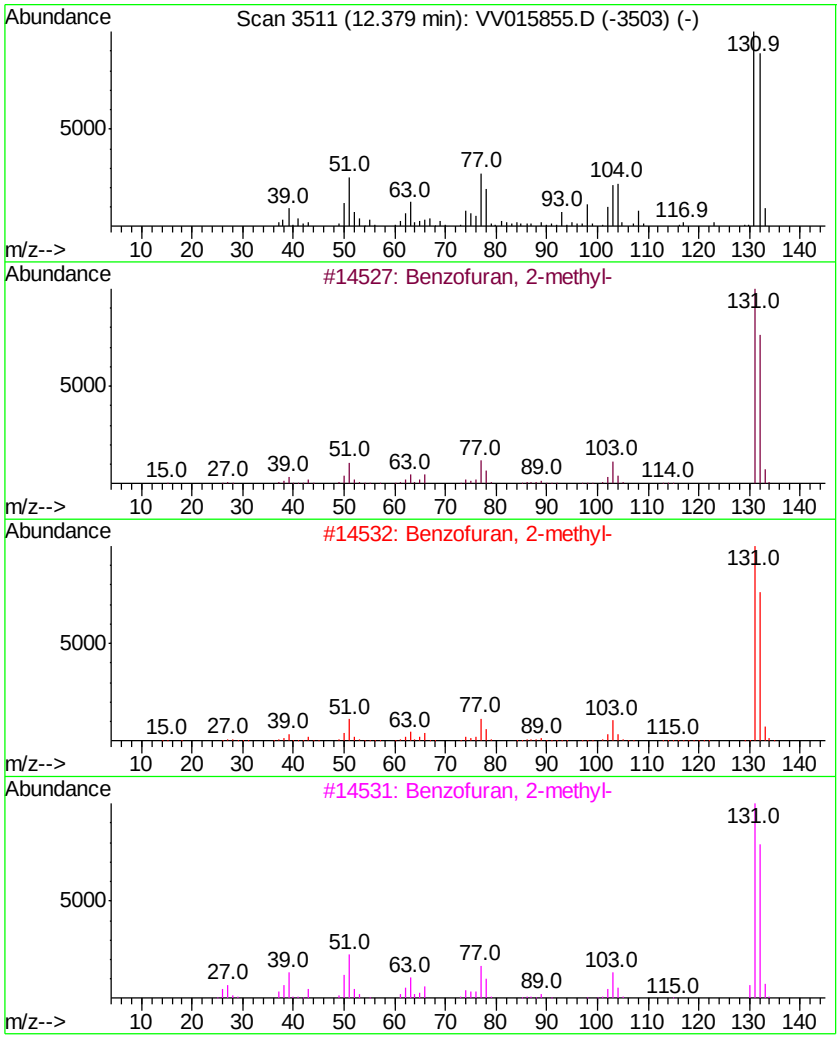
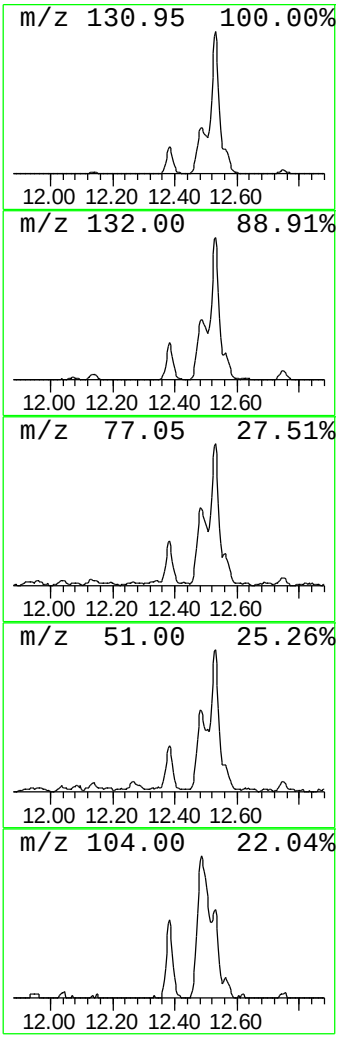
Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	1.32 ug/L	114923	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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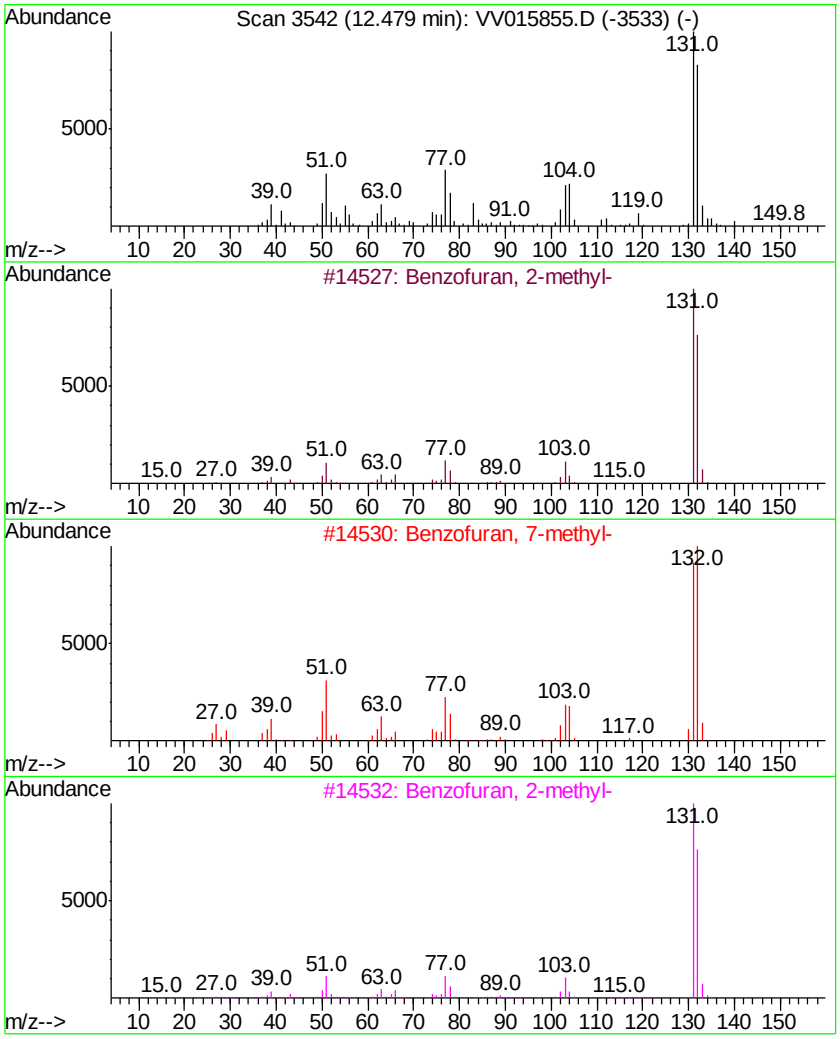
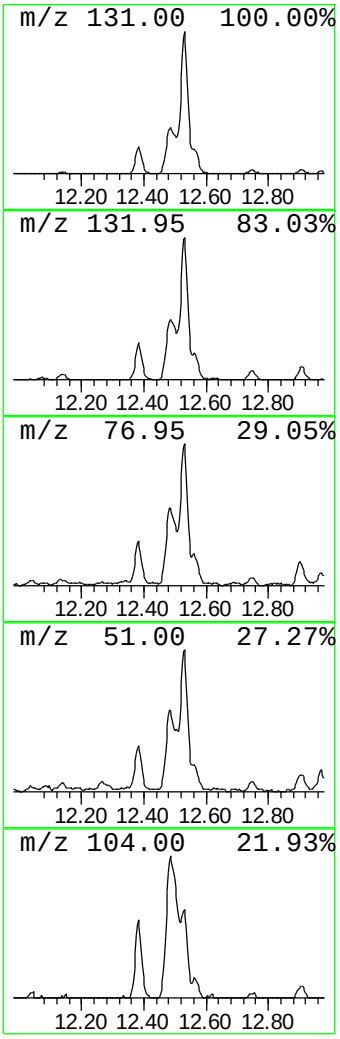
Peak Number 18 3-Phenyl-2-propyn-1-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.70 ug/L	235657	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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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

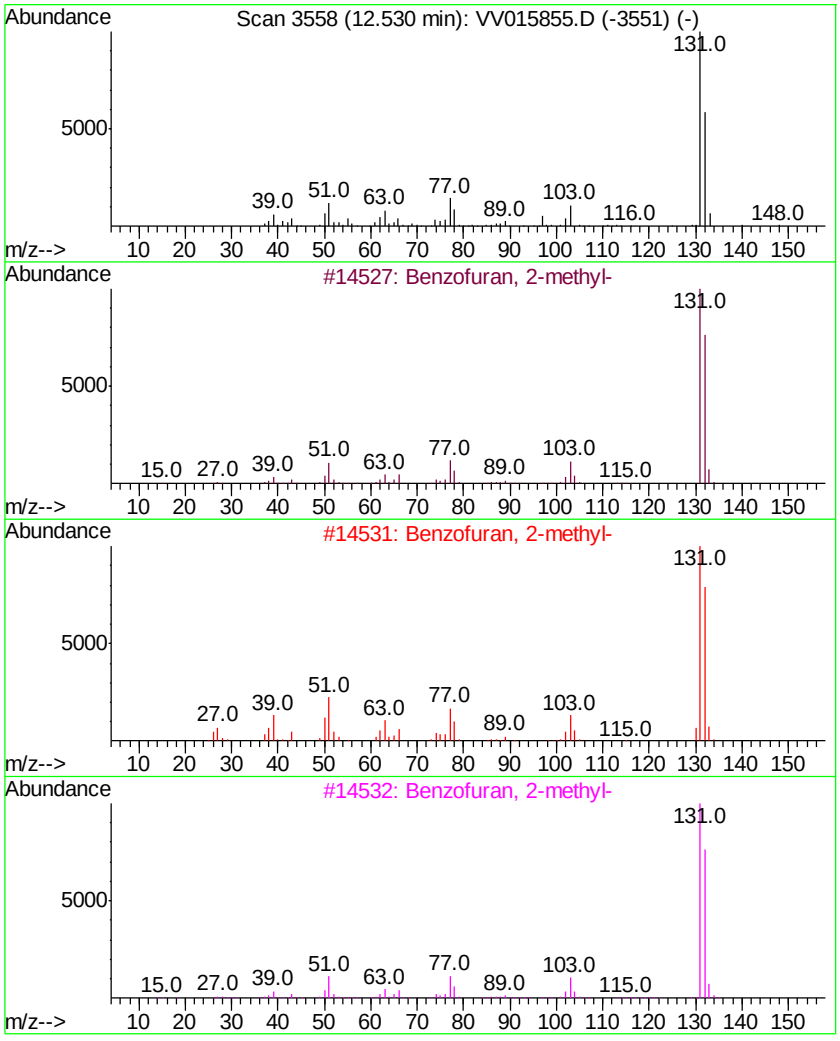
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

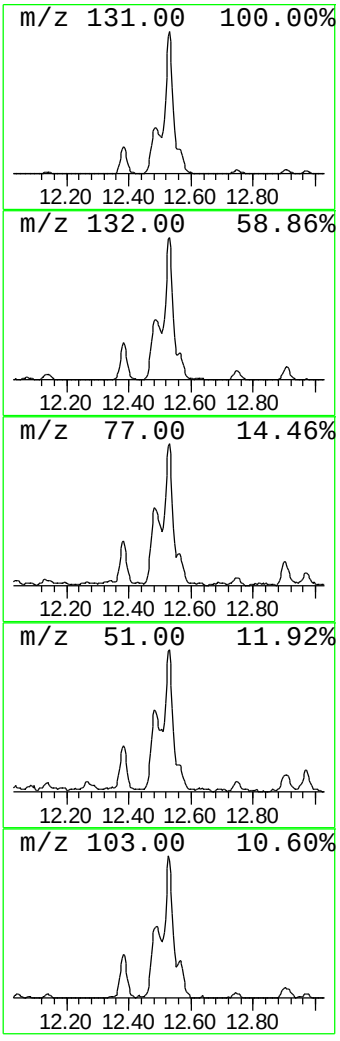
****

Peak Number 19 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.14 ug/L	273684	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	80
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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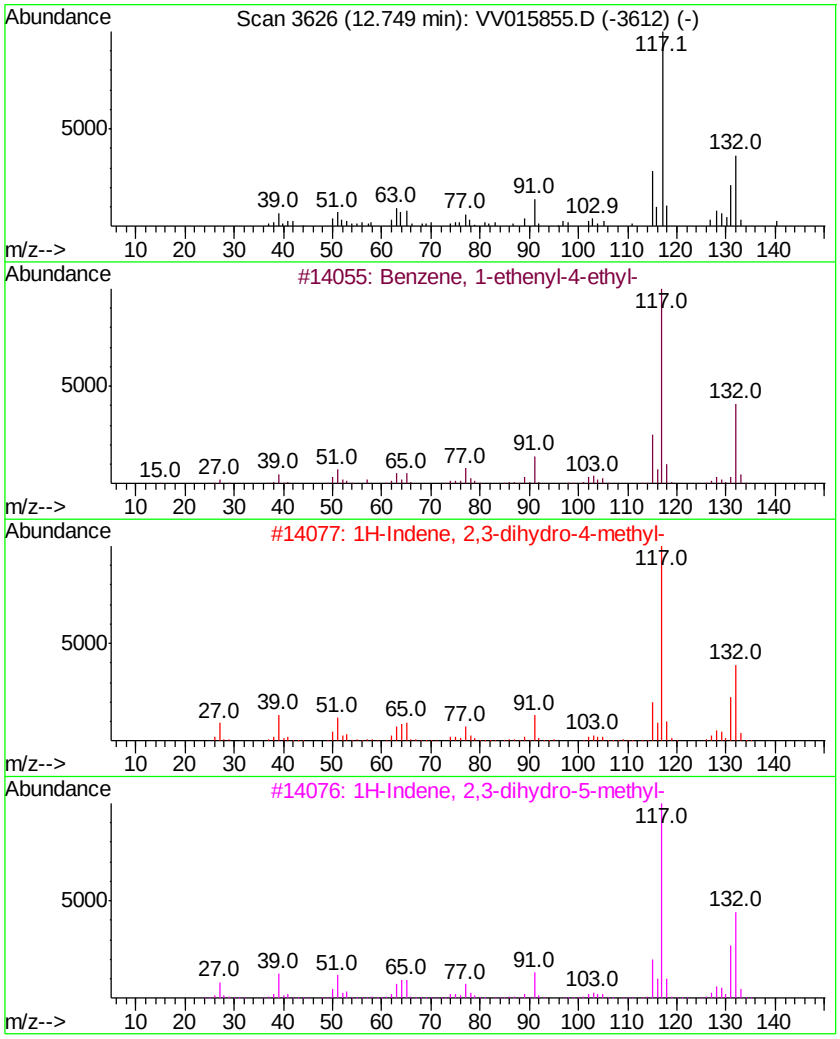
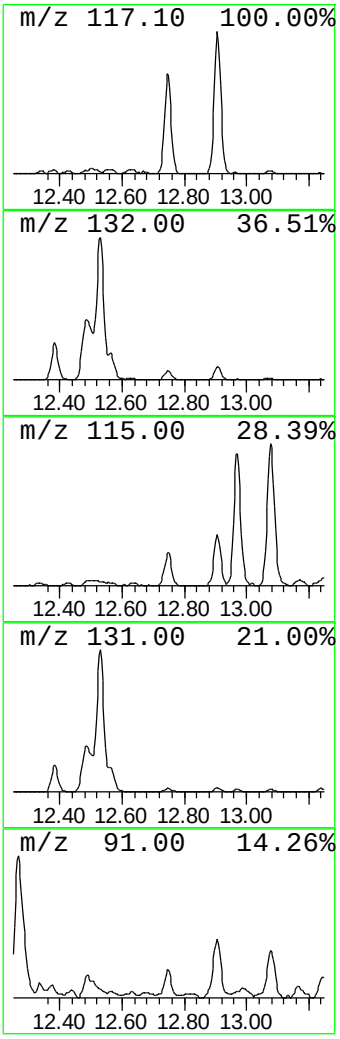
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	0.58 ug/L	50257	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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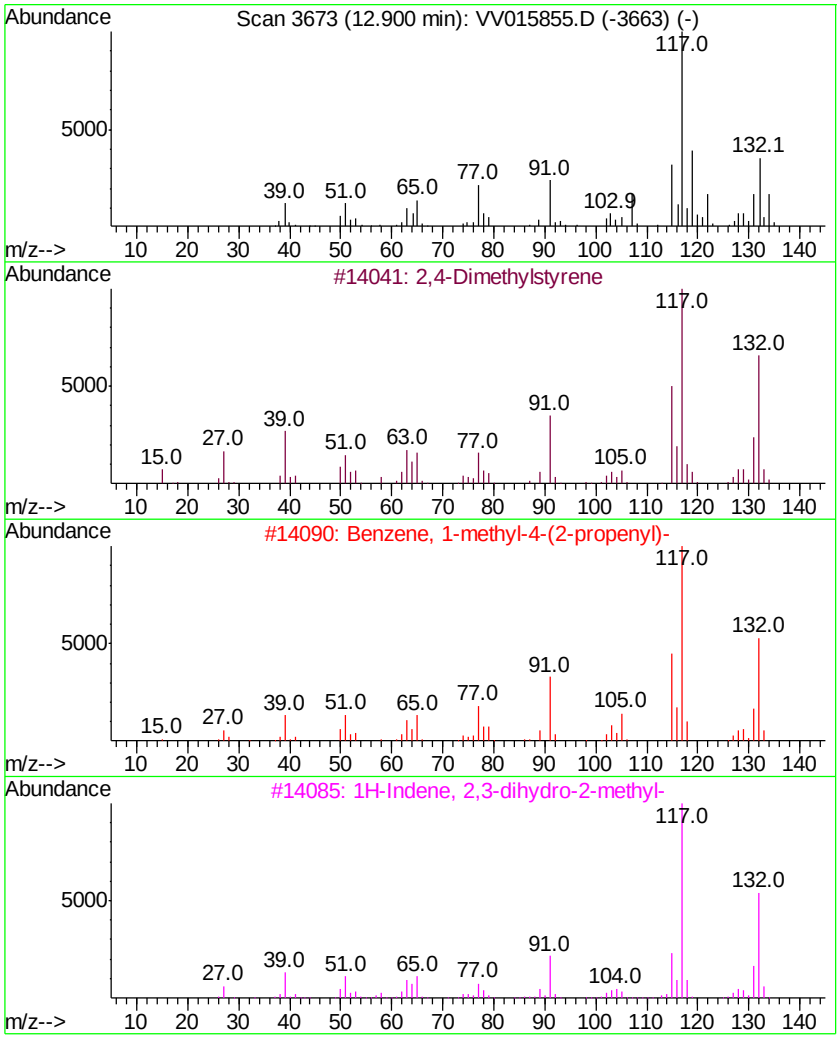
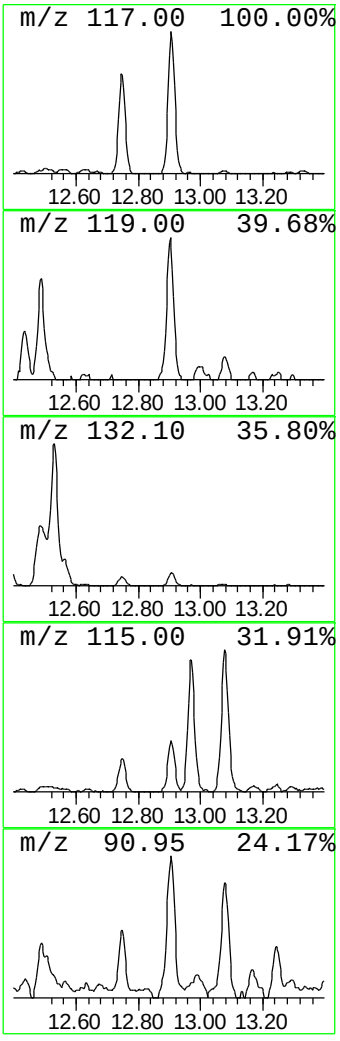
Peak Number 21 2,4-Dimethylstyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	1.17 ug/L	102145	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	92
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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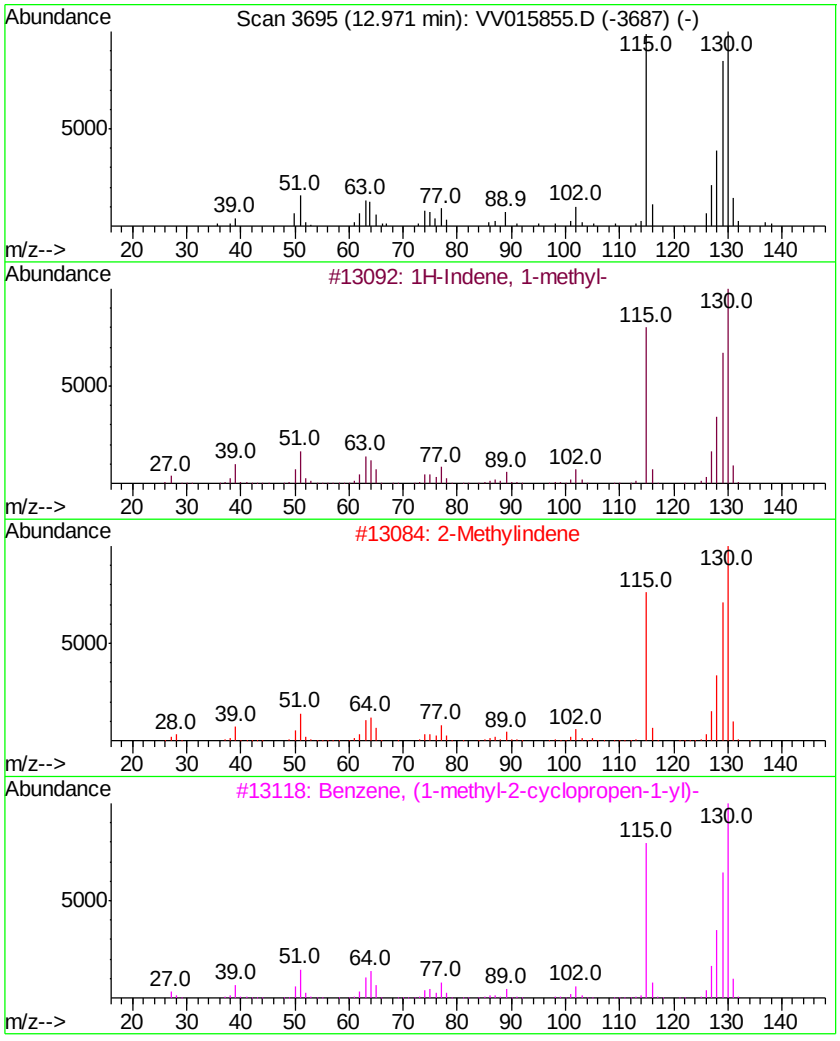
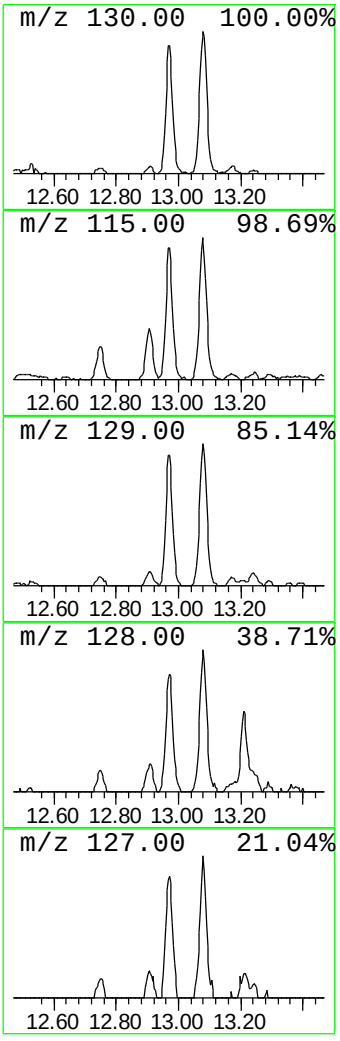
Peak Number 22 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	0.95 ug/L	82878	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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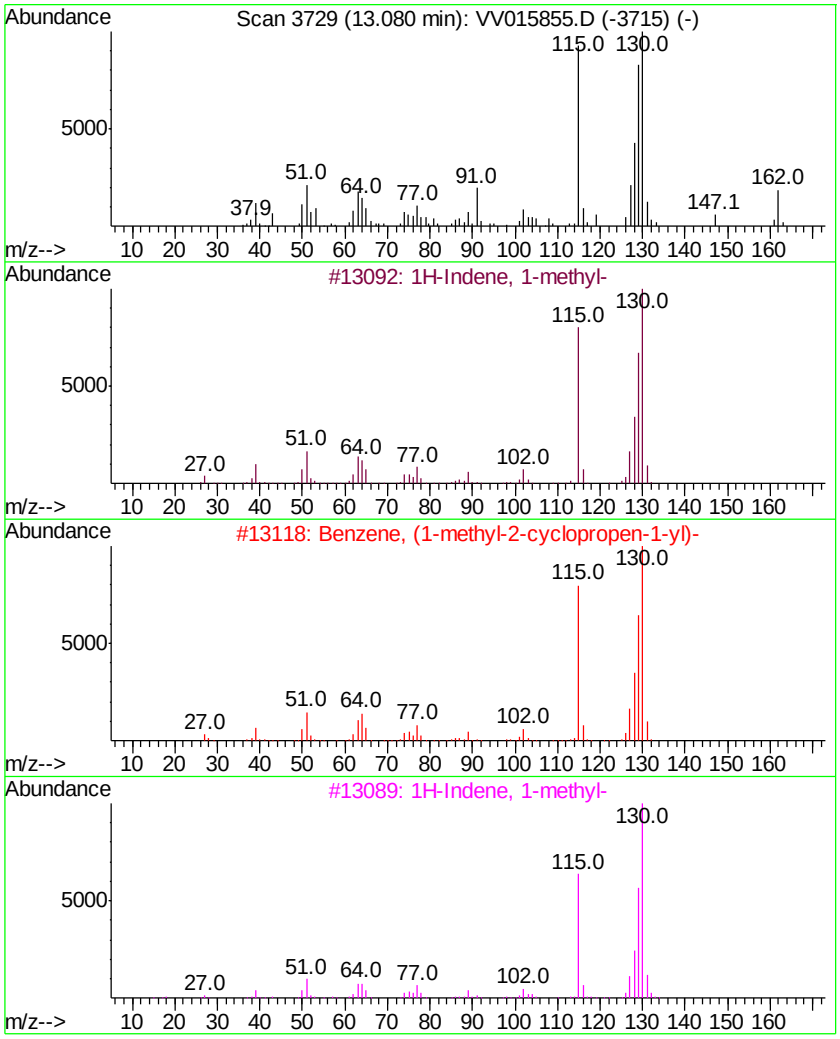
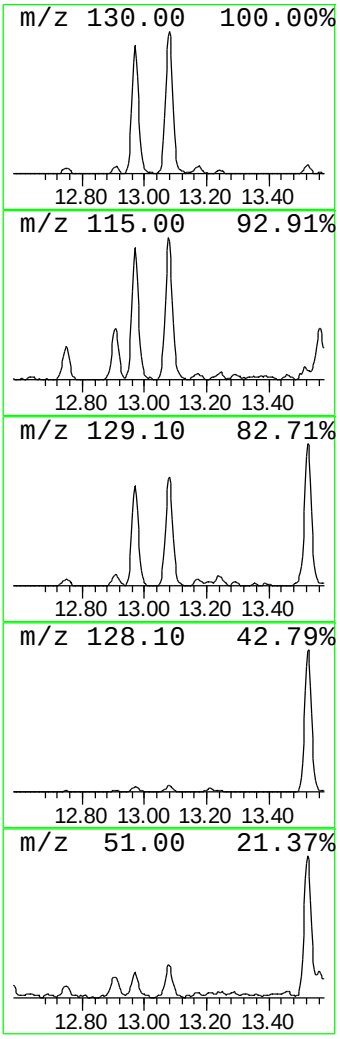
Peak Number 23 Benzene, (1-methyl-2-cyclop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.33 ug/L	115513	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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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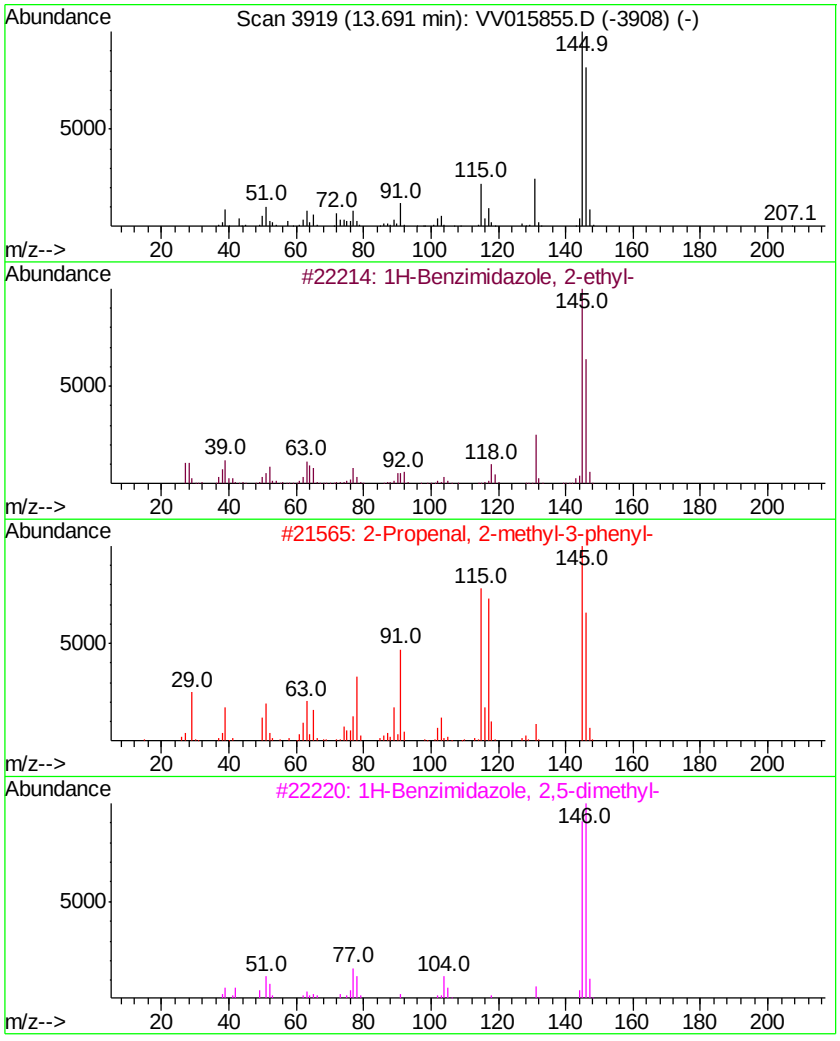
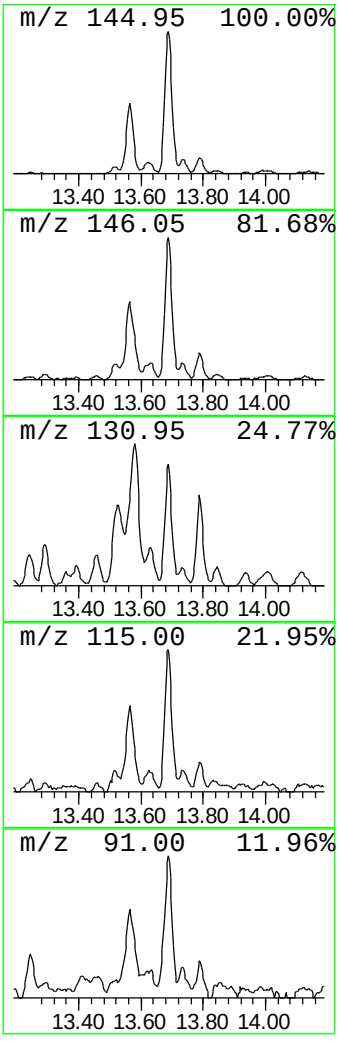
Peak Number 25 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	1.77 ug/L	154097	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	64
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015855.D
Acq On : 01 May 2020 13:24
Operator : SY/MD
Sample : L2431-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS9

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
Cyclopentene, 1,2...	7.87	0.8	ug/L	64163	2	8.87	418299	5.0
Cyclopentanone, 2...	9.70	0.5	ug/L	42049	2	8.87	418299	5.0
Cyclopentanone, 2...	9.88	0.8	ug/L	63296	2	8.87	418299	5.0
Benzene, propyl-	10.38	0.5	ug/L	44138	3	11.27	435715	5.0
Benzene, 1-ethyl-...	10.47	0.8	ug/L	68496	3	11.27	435715	5.0
Cyclopentanone, 2...	10.54	1.2	ug/L	102644	3	11.27	435715	5.0
Benzene, 1-ethyl-...	10.76	0.8	ug/L	65909	3	11.27	435715	5.0
Mesitylene	10.94	1.7	ug/L	144395	3	11.27	435715	5.0
(DEL) Alkane: Str...	11.01	0.9	ug/L	81020	3	11.27	435715	5.0
Cyclohexanone, 2-...	11.16	0.5	ug/L	45660	3	11.27	435715	5.0
Benzofuran	11.19	1.5	ug/L	126737	3	11.27	435715	5.0
Benzene, 1,2,3-tr...	11.36	1.5	ug/L	131188	3	11.27	435715	5.0
Benzene, 1-etheny...	11.42	0.5	ug/L	44195	3	11.27	435715	5.0
Indane	11.55	1.5	ug/L	129376	3	11.27	435715	5.0
3-Methylphenylace...	11.77	1.9	ug/L	163125	3	11.27	435715	5.0
Benzofuran, 2-met...	12.38	1.3	ug/L	114923	3	11.27	435715	5.0
3-Phenyl-2-propyn...	12.48	2.7	ug/L	235657	3	11.27	435715	5.0
1H-Pyrrolo[2,3-b]...	12.53	3.1	ug/L	273684	3	11.27	435715	5.0
Benzene, 1-etheny...	12.75	0.6	ug/L	50257	3	11.27	435715	5.0
2,4-Dimethylstyrene	12.90	1.2	ug/L	102145	3	11.27	435715	5.0
1H-Indene, 1-methyl-	12.97	0.9	ug/L	82878	3	11.27	435715	5.0
Benzene, (1-methy...	13.08	1.3	ug/L	115513	3	11.27	435715	5.0
1H-Benzimidazole,...	13.69	1.8	ug/L	154097	3	11.27	435715	5.0