LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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	1.113	3	7	20	rVB2	13081	20131	2.24%	0.154%
2	1.248	43	49	59	rVB	61203	63545	7.06%	0.485%
3	1.315	60	70	80	rVB2	53019	61442	6.83%	0.469%
4	1.399	89	96	108	rBV	8863	13974	1.55%	0.107%
5	1.576	144	151	164	rVB	46476	55272	6.14%	0.422%
6	2.122	310	321	339	rVB	82583	126030	14.01%	0.962%
7	3.936	870	885	915	rBV	32616	125068	13.90%	0.955%
8	4.380	1004	1023	1048	rBV2	60793	160603	17.85%	1.226%
9	5.074	1223	1239	1251	rBV3	142635	361515	40.17%	2.760%
10	5.643	1403	1416	1438	rBV	148030	300967	33.45%	2.298%
11	6.096	1538	1557	1580	rBV	85566	188135	20.91%	1.436%
12	7.010	1828	1841	1861	rBV2	38466	73349	8.15%	0.560%
13	7.341	1930	1944	1959	rBV2	166272	293942	32.67%	2.244%
14	7.415	1959	1967	1985	rVB	11940	25610	2.85%	0.196%
15	7.646	2028	2039	2057	rBV2	21727	42231	4.69%	0.322%
16	7.868	2095	2108	2129	rBV3	10875	21765	2.42%	0.166%
17	8.112	2173	2184	2215	rBV	182411	355175	39.47%	2.712%
18	8.874	2405	2421	2446	rBV	233687	392258	43.59%	2.995%
19	9.035	2459	2471	2487	rBV	173782	284438	31.61%	2.172%
20	9.164	2500	2511	2523	rVV	56576	93796	10.42%	0.716%
21	9.235	2523	2533	2552	rVB2	17050	32324	3.59%	0.247%
22	9.566	2625	2636	2659	rVB	120484	195070	21.68%	1.489%
23	9.955	2742	2757	2767	rVB	28724	50064	5.56%	0.382%
24	10.112	2793	2806	2815	rBV8	7444	14882	1.65%	0.114%
25	10.238	2833	2845	2857	rBV2	79073	128254	14.25%	0.979%
26	10.376	2874	2888	2907	rBV2	76946	164129	18.24%	1.253%
27	10.495	2908	2925	2935	rVV	88796	156231	17.36%	1.193%
28	10.759	2997	3007	3028	rBV	162694	267581	29.74%	2.043%
29	10.936	3047	3062	3078	rBV	166484	272621	30.30%	2.081%
30	11.009	3078	3085	3096	rVB5	14040	24279	2.70%	0.185%
31	11.074	3096	3105	3113	rBV9	7072	13076	1.45%	0.100%
32	11.119	3113	3119	3126	rBV9	4881	9221	1.02%	0.070%
33	11.215	3140	3149	3154	rBV7	15941	25717	2.86%	0.196%
34	11.270	3154	3166	3183	rVB	261405	426095	47.35%	3.253%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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	11.357	3183	3193	3204	rBV	158957	249763	27.76%	1.907%
36	11.421	3206	3213	3221	rVV	39159	71512	7.95%	0.546%
37	11.472	3223	3229	3243	rVV4	27253	60827	6.76%	0.464%
38	11.550	3243	3253	3264	rVV	340387	544625	60.52%	4.158%
39	11.614	3264	3273	3276	rVV5	52808	95598	10.62%	0.730%
40	11.646	3276	3283	3301	rVB	207234	368339	40.93%	2.812%
41	11.768	3312	3321	3328	rBV	92619	151685	16.86%	1.158%
42	11.810	3328	3334	3340	rVV3	44631	62785	6.98%	0.479%
43	11.919	3358	3368	3377	rBV3	42819	94861	10.54%	0.724%
44	11.961	3378	3381	3389	rVB2	25553	30819	3.42%	0.235%
45	12.038	3394	3405	3411	rBV	46463	70442	7.83%	0.538%
46	12.138	3426	3436	3442	rBV	87726	132511	14.73%	1.012%
47	12.183	3442	3450	3458	rVB6	92385	141018	15.67%	1.077%
48	12.228	3458	3464	3469	rBV5	34380	47672	5.30%	0.364%
49	12.263	3469	3475	3485	rVB	93939	139662	15.52%	1.066%
50	12.334	3486	3497	3503	rBV7	56352	114525	12.73%	0.874%
51	12.379	3503	3511	3522	rVB2	261340	415659	46.19%	3.174%
52	12.434	3523	3528	3533	rVB4	15850	17316	1.92%	0.132%
53	12.485	3533	3544	3551	rBV2	421663	899857	100.00%	6.871%
54	12.530	3552	3558	3566	rVB	622299	849259	94.38%	6.484%
55	12.681	3599	3605	3612	rBV7	11865	16725	1.86%	0.128%
56	12.746	3612	3625	3636	rBV	127037	219375	24.38%	1.675%
57	12.903	3659	3674	3688	rBV3	219004	437605	48.63%	3.341%
58	12.971	3688	3695	3714	rVV	88713	149534	16.62%	1.142%
59	13.077	3716	3728	3743	rVB2	184995	297619	33.07%	2.272%
60	13.170	3751	3757	3759	rBV5	9697	11150	1.24%	0.085%
61	13.244	3773	3780	3787	rBV3	43024	60137	6.68%	0.459%
62	13.289	3787	3794	3810	rVB4	49357	97642	10.85%	0.746%
63	13.460	3840	3847	3855	rVB3	40049	60924	6.77%	0.465%
64	13.524	3856	3867	3871	rBV5	88017	161847	17.99%	1.236%
65	13.562	3872	3879	3892	rVB2	234670	460463	51.17%	3.516%
66	13.688	3908	3918	3927	rVV	450078	700321	77.83%	5.347%
67	13.733	3928	3932	3941	rVB3	38634	51585	5.73%	0.394%
68	13.787	3941	3949	3959	rVB2	82097	124909	13.88%	0.954%
69	13.842	3959	3966	3984	rVB6	22903	49156	5.46%	0.375%
70	13.929	3985	3993	4004	rBV5	28711	51550	5.73%	0.394%
71	14.006	4006	4017	4029	rVB5	26794	62262	6.92%	0.475%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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	14.119	4042	4052	4062	rBV5	18796	49434	5.49%	0.377%
73	14.251	4086	4093	4099	rBV9	9741	18153	2.02%	0.139%
74	14.315	4107	4113	4122	rVB	23339	32955	3.66%	0.252%
75	14.459	4150	4158	4168	rBV3	19519	34907	3.88%	0.267%
76	14.527	4174	4179	4187	rVB3	15253	23823	2.65%	0.182%
77	14.591	4190	4199	4207	rVV2	43447	69810	7.76%	0.533%
78	14.640	4207	4214	4226	rVV2	36283	70207	7.80%	0.536%
79	14.704	4227	4234	4245	rVB2	35108	54206	6.02%	0.414%
80	14.842	4266	4277	4287	rBV2	109292	184819	20.54%	1.411%
81	14.894	4287	4293	4304	rVB3	13935	22632	2.52%	0.173%
82	15.070	4338	4348	4361	rVB4	12016	20205	2.25%	0.154%
83	15.389	4430	4447	4461	rBV2	14560	30192	3.36%	0.231%
84	15.691	4533	4541	4555	rBV2	6849	11739	1.30%	0.090%
85	15.836	4578	4586	4594	rBV5	13517	21529	2.39%	0.164%
86	15.877	4594	4599	4608	rVB6	6952	9390	1.04%	0.072%
87	16.337	4733	4742	4750	rBV2	22892	33060	3.67%	0.252%

Sum of corrected areas: 13097390

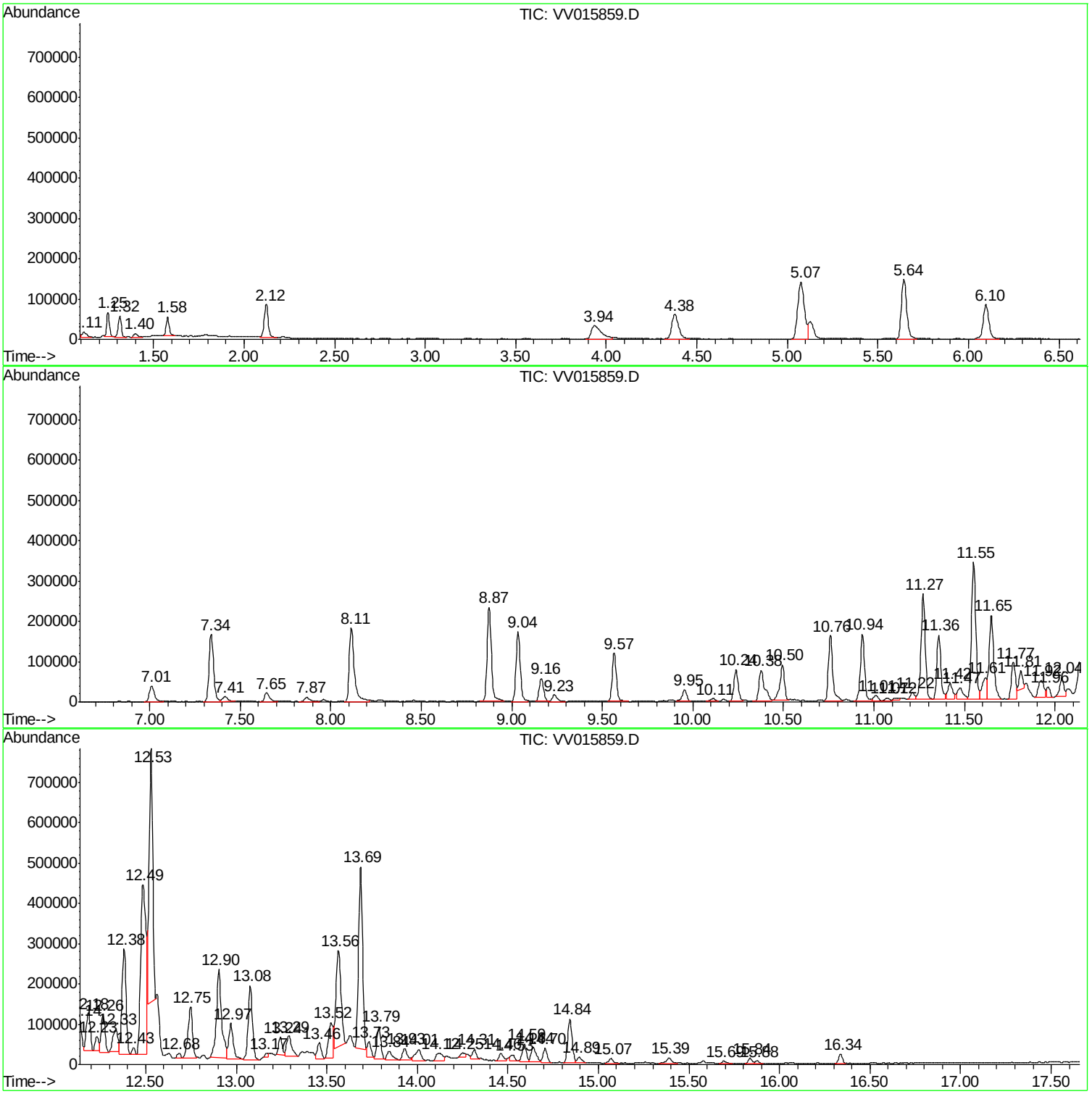
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

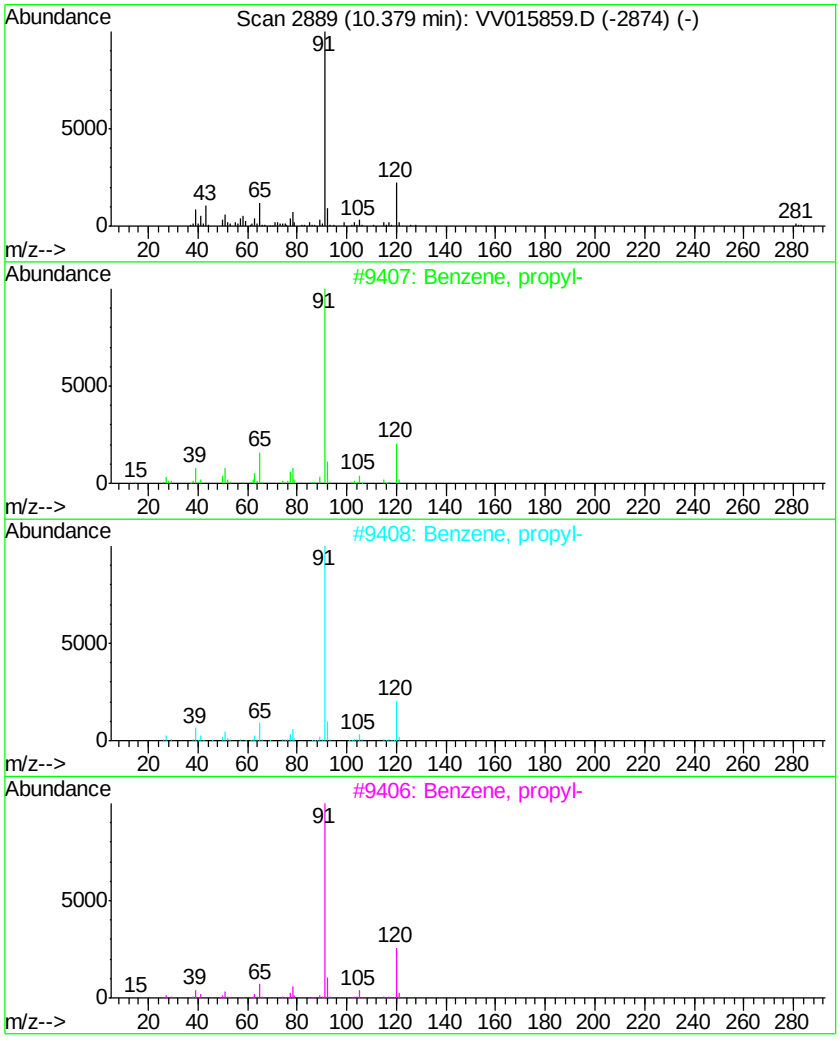
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

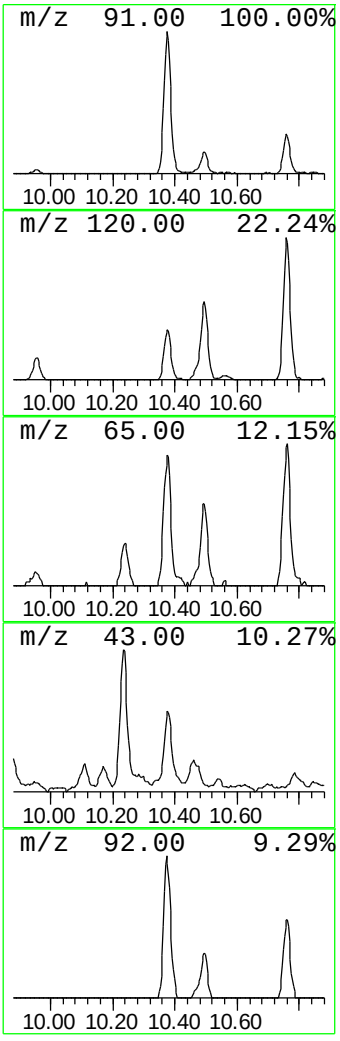
****

Peak Number 2 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	1.93 ug/L	164129	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

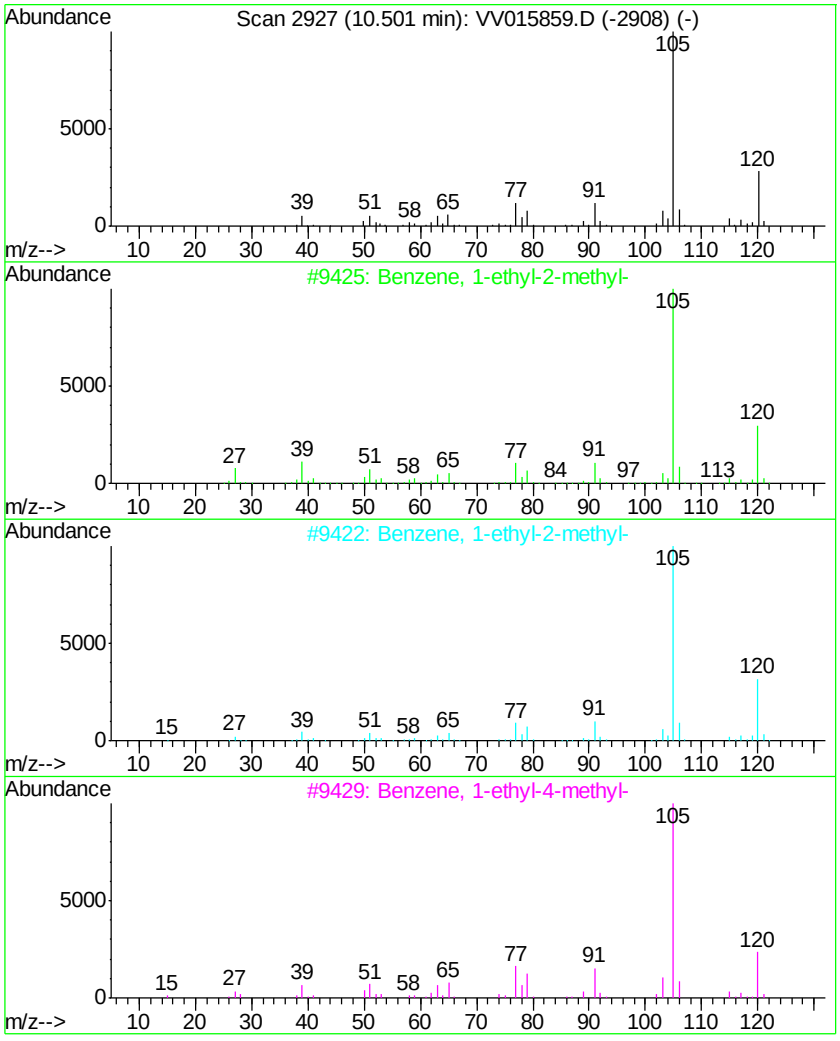
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

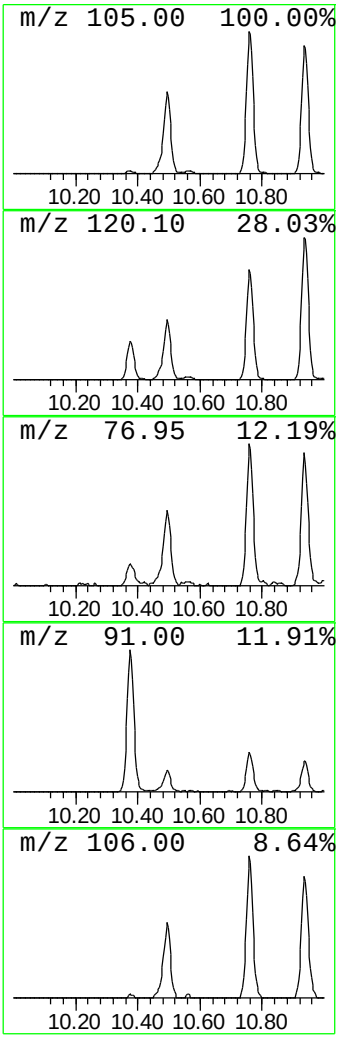
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.83 ug/L	156231	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	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

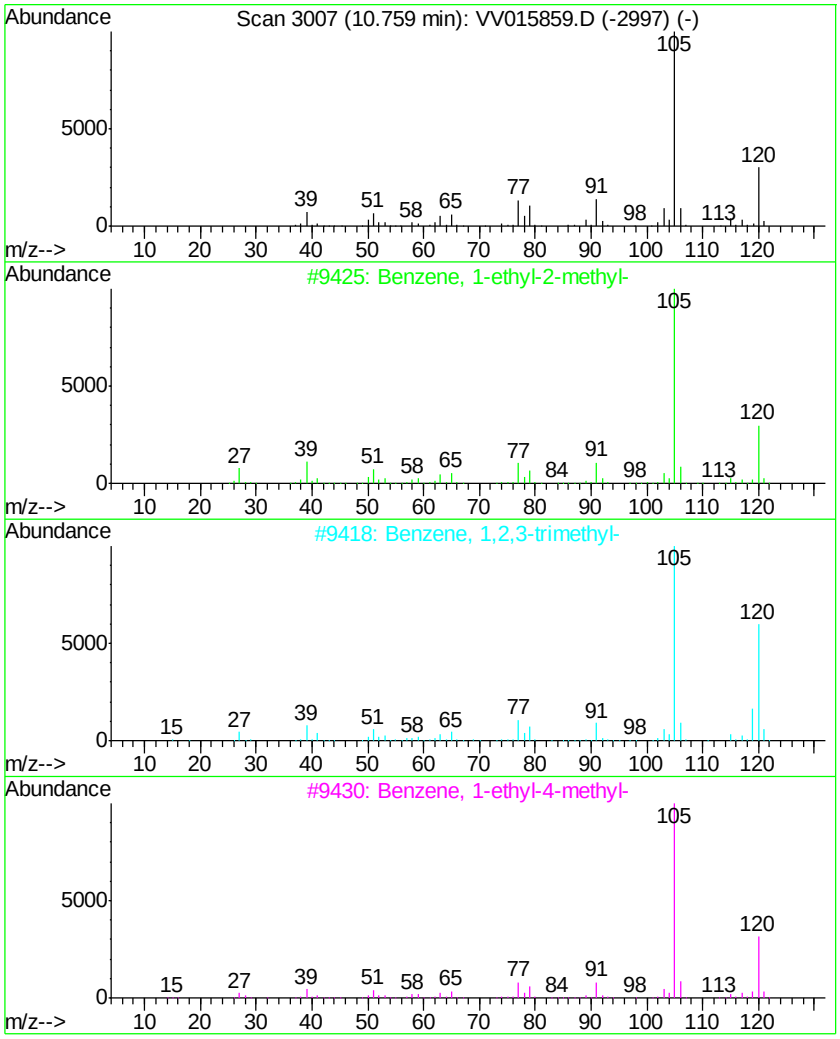
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

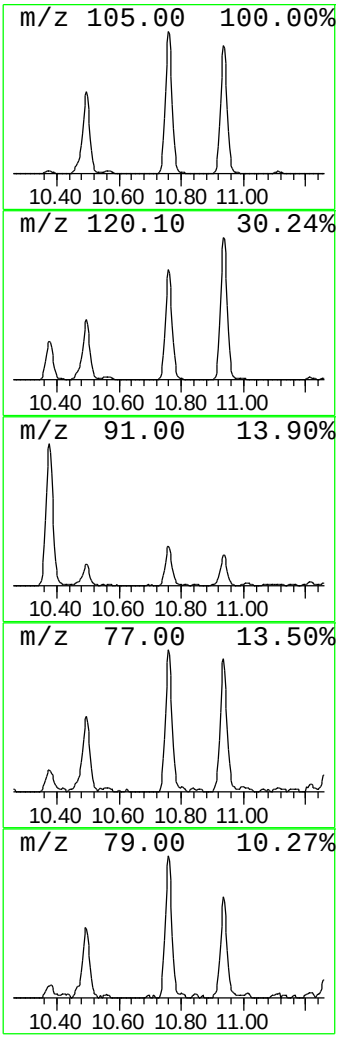
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.14 ug/L	267581	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

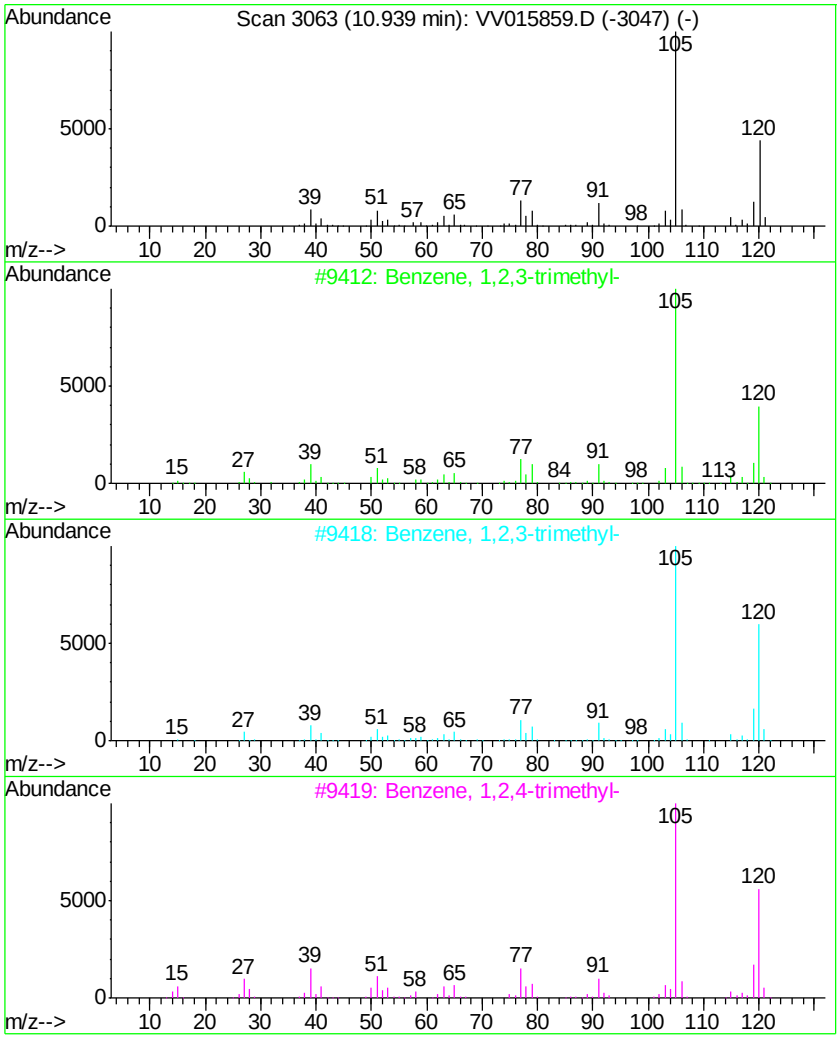
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

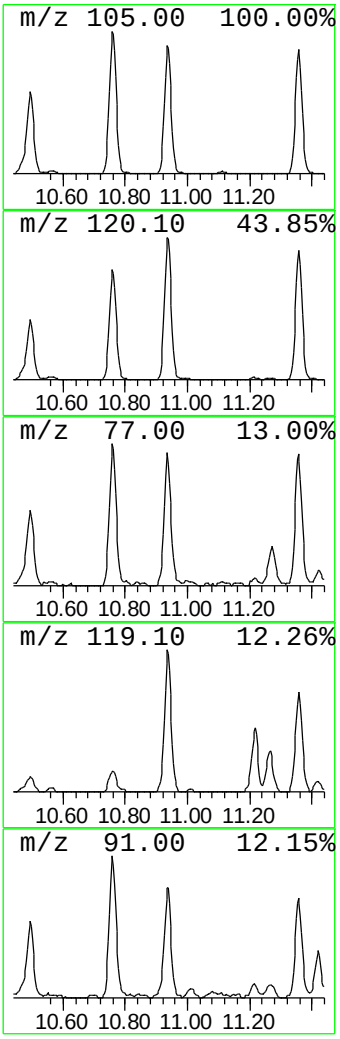
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.20 ug/L	272621	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

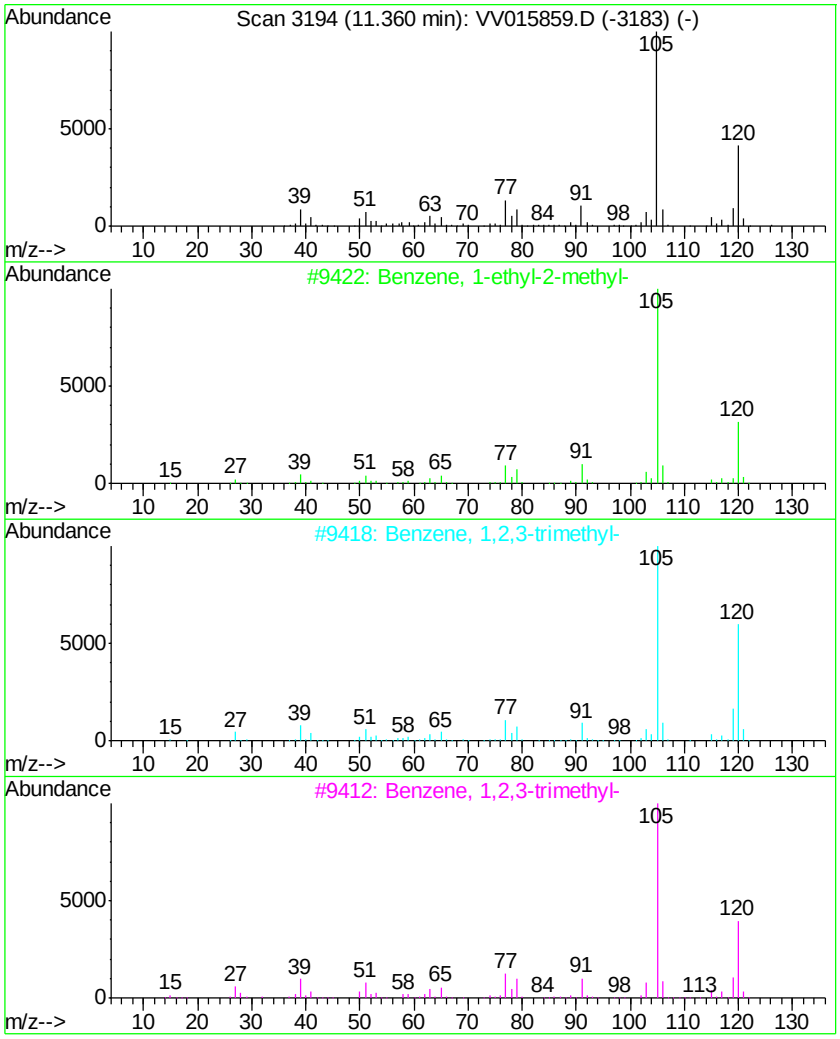
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

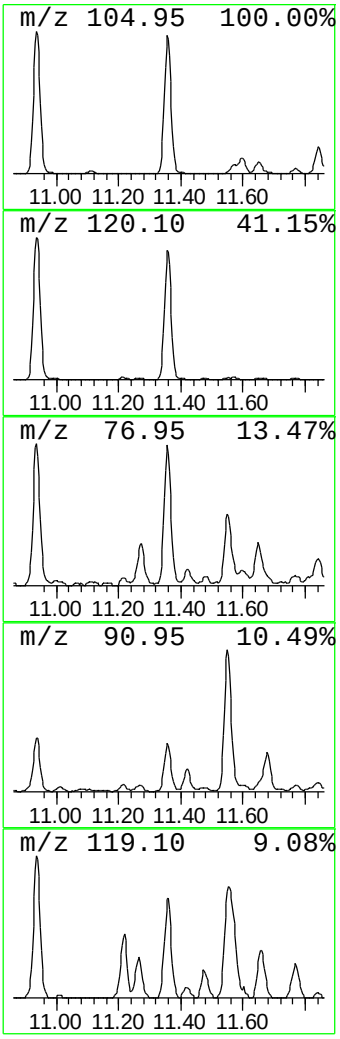
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.93 ug/L	249763	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

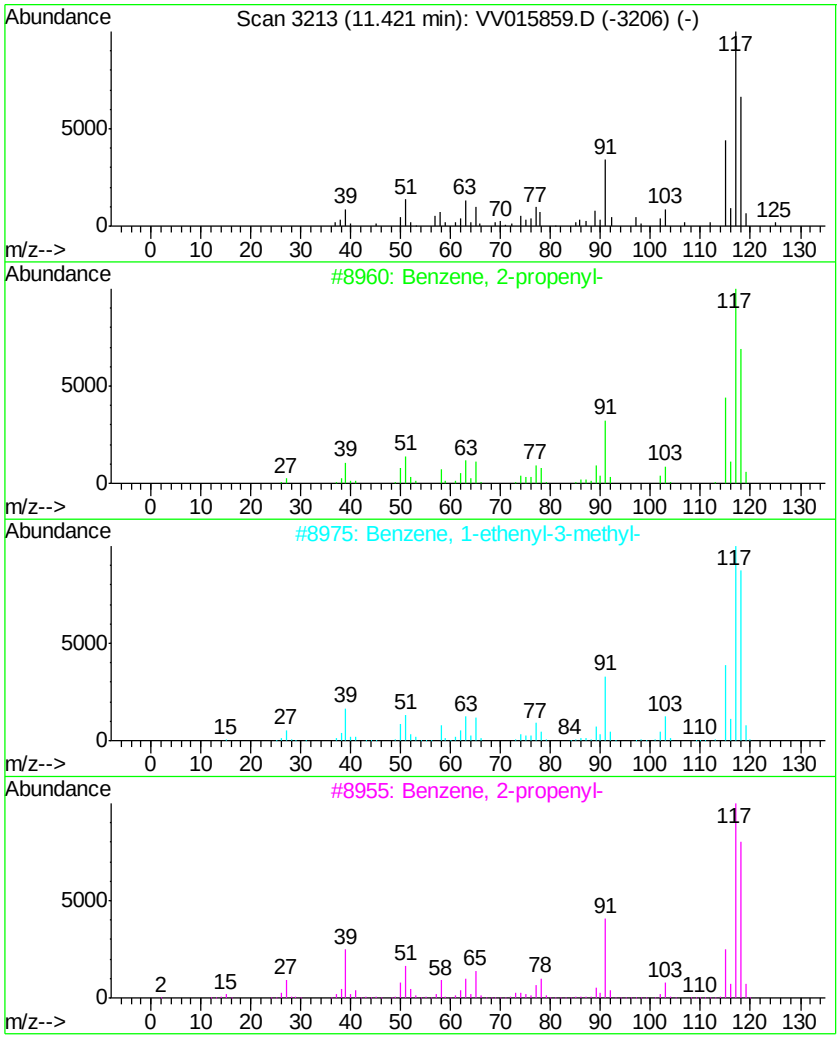
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

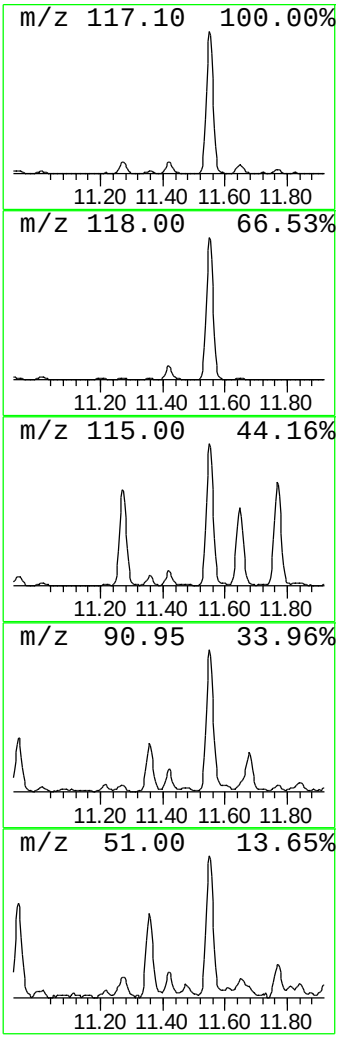
****

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.84 ug/L	71512	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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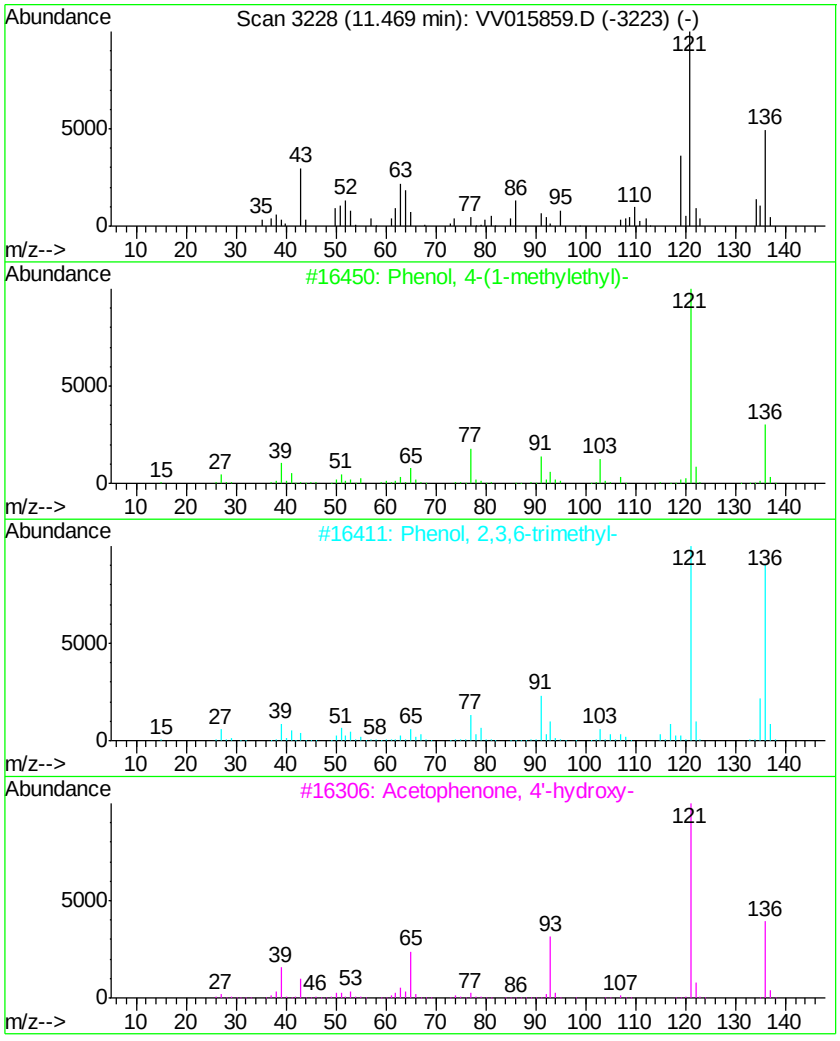
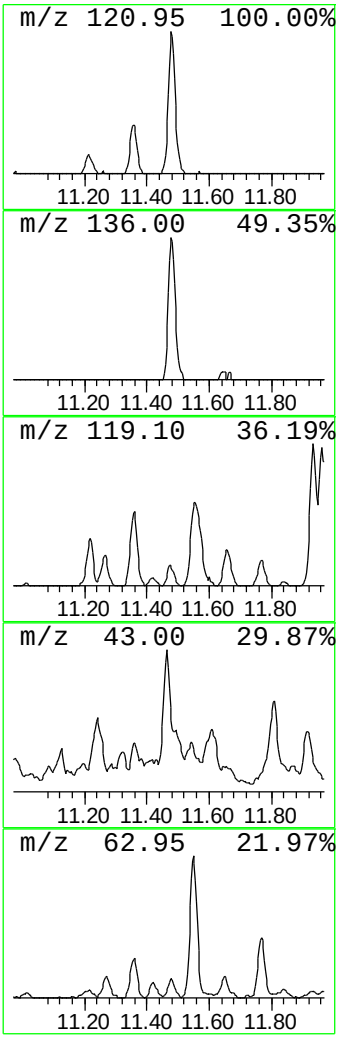
Peak Number 8 Phenol, 4-(1-methylethyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.71 ug/L	60827	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	50
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	50
3	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	50
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	50
5	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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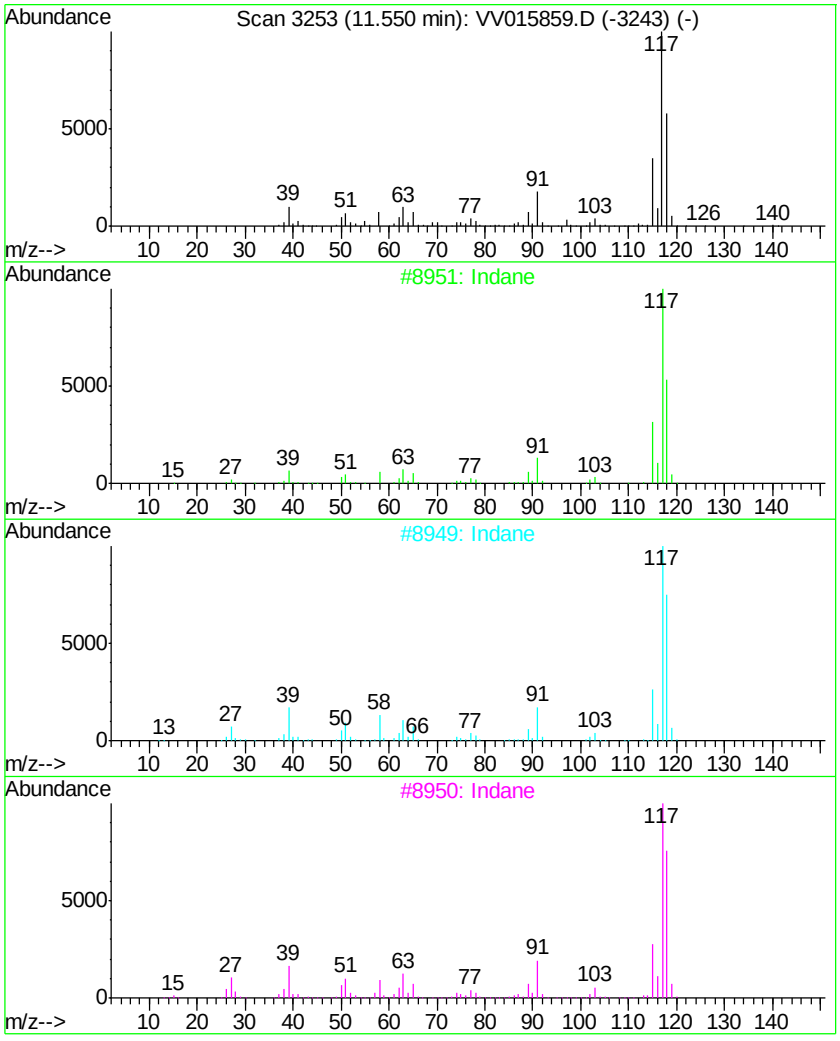
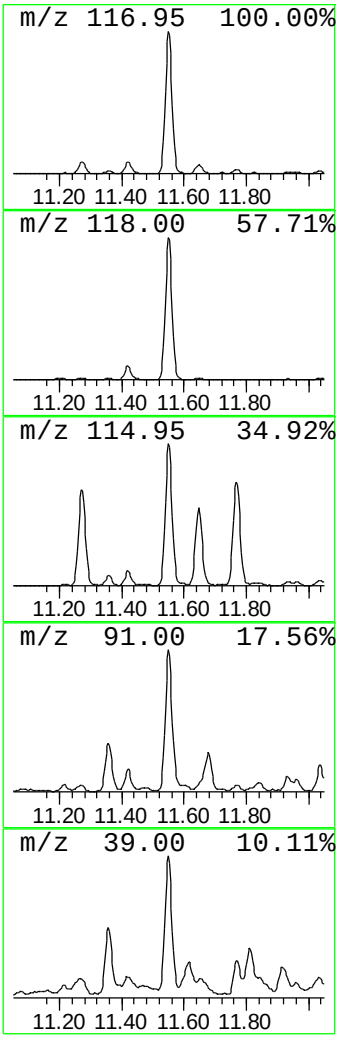
Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.39 ug/L	544625	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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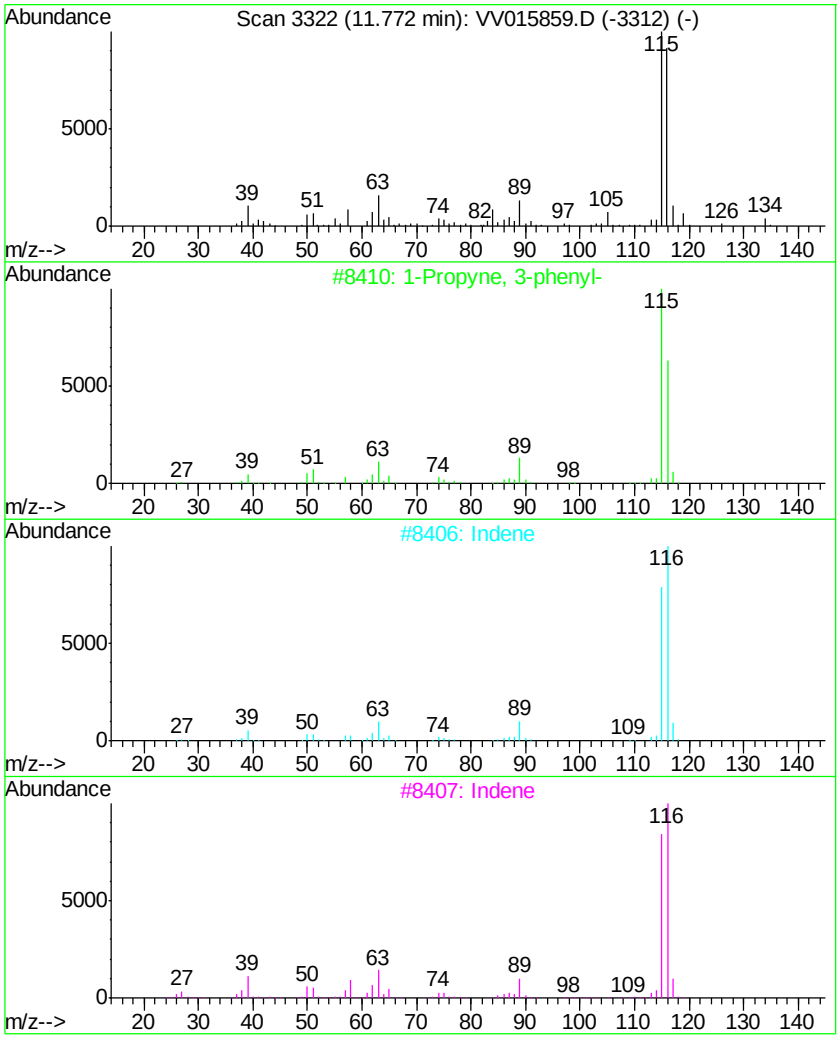
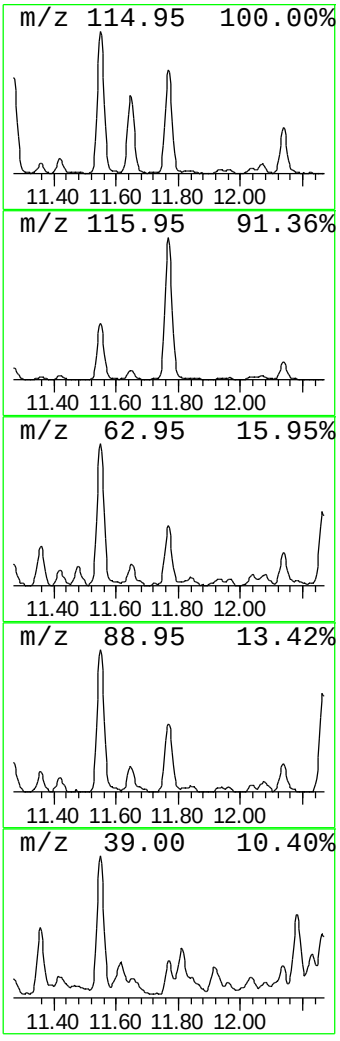
Peak Number 10 1-Propyne, 3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	1.78 ug/L	151685	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Indene	116	C9H8	000095-13-6	93
3	Indene	116	C9H8	000095-13-6	93
4	Indene	116	C9H8	000095-13-6	93
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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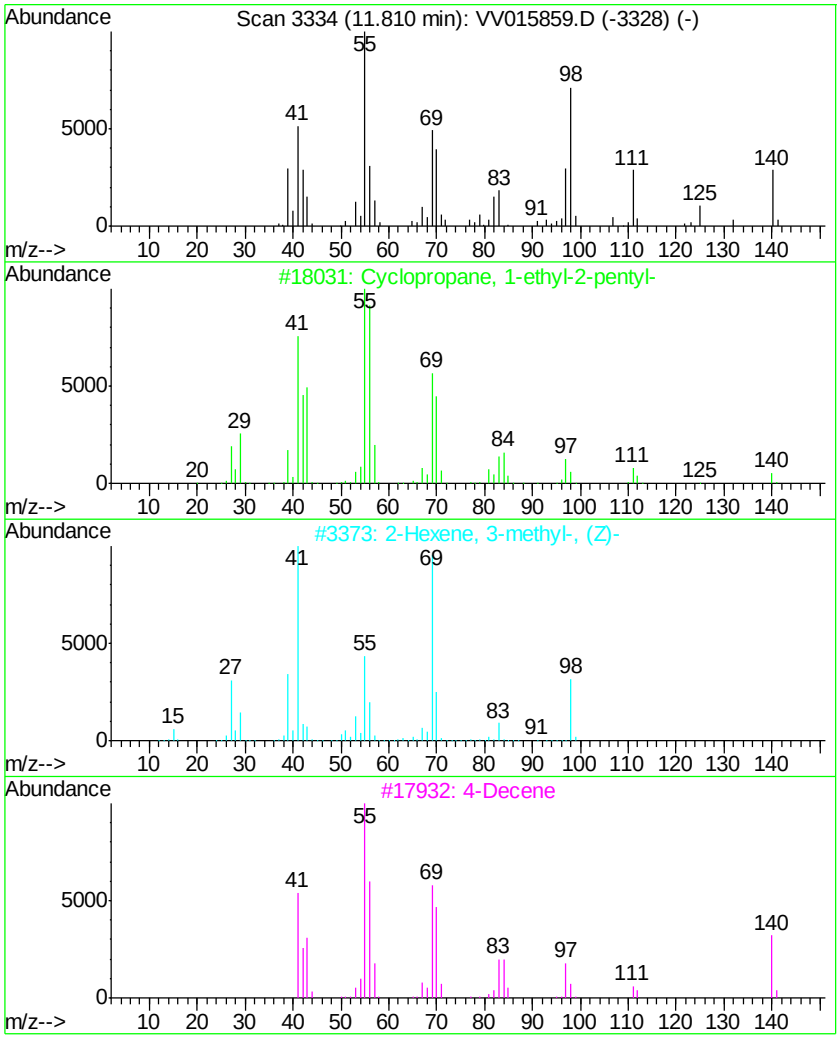
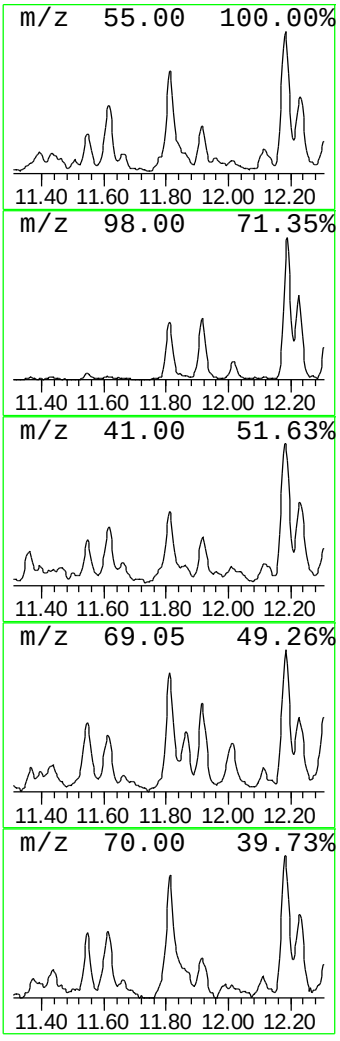
Peak Number 11 (DEL) Alkane: Cyclic11.81 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	0.74 ug/L	62785	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	58
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	49
3	4-Decene	140	C10H20	019689-18-0	49
4	Cyclohexanone	98	C6H10O	000108-94-1	47
5	Cyclohexanone	98	C6H10O	000108-94-1	46





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Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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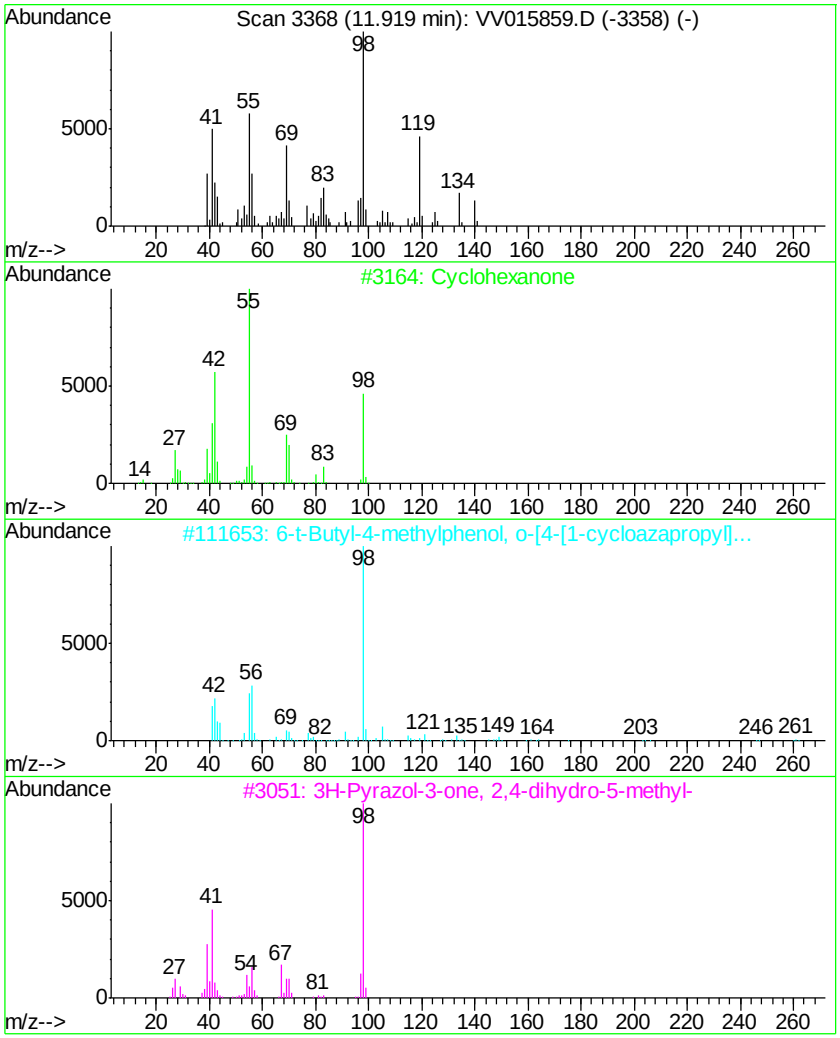
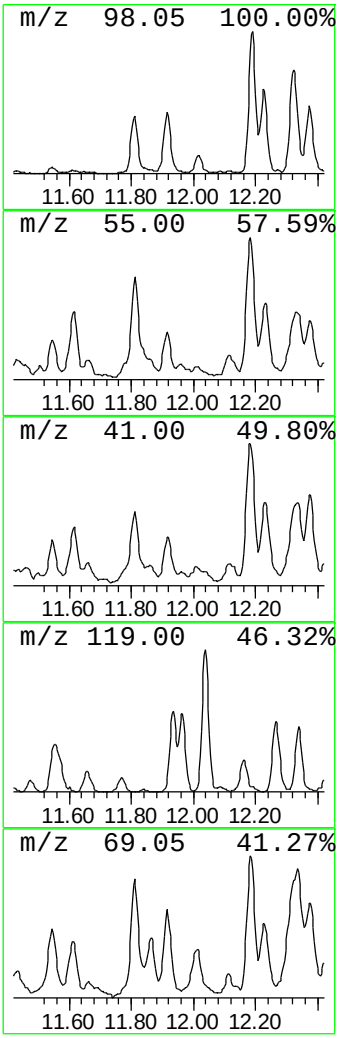
Peak Number 12 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	1.11 ug/L	94861	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	43
2	6-t-Butyl-4-methylphenol, o-[4-[...	261	C17H27NO	038944-42-2	43
3	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	43
4	Cyclohexanone	98	C6H10O	000108-94-1	38
5	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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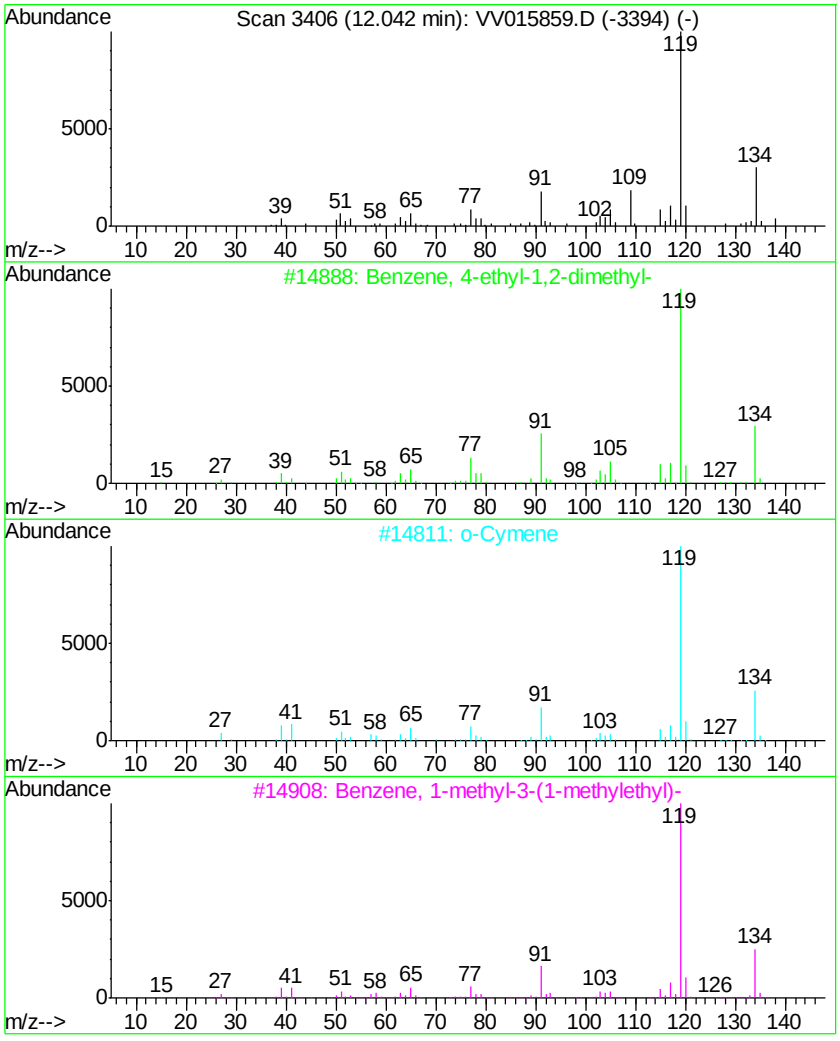
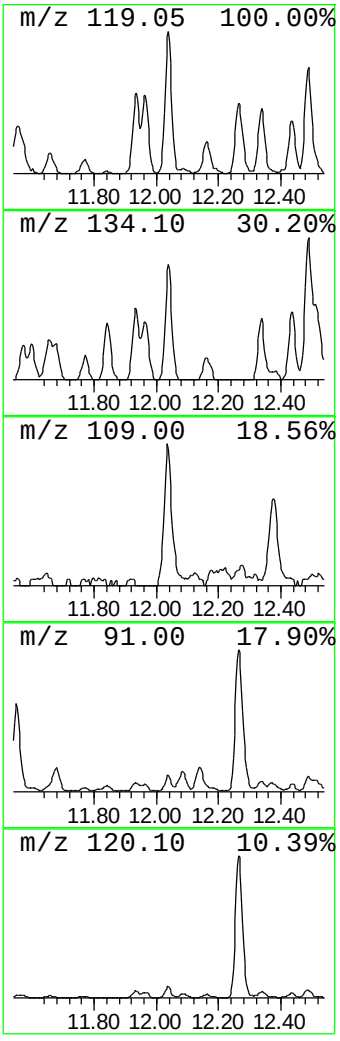
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	0.83 ug/L	70442	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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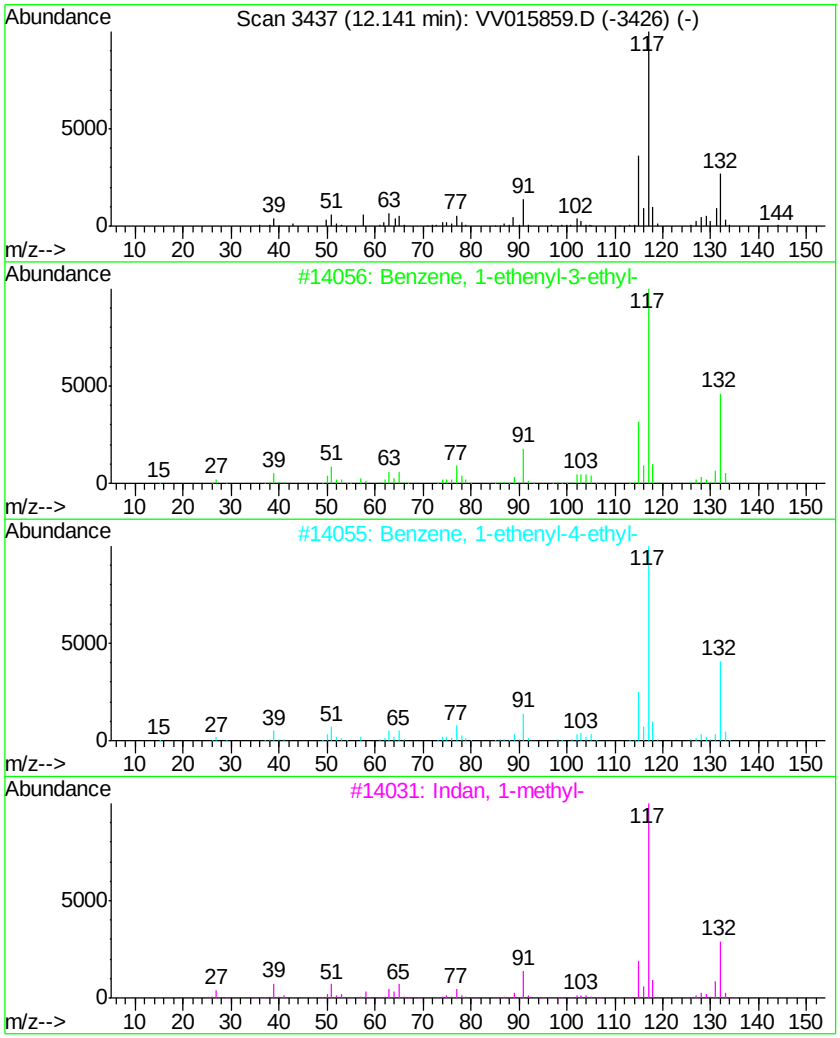
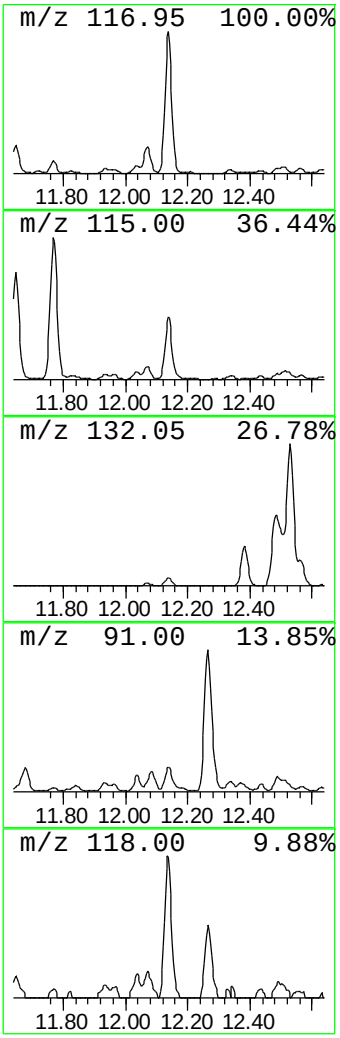
Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	1.55 ug/L	132511	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
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 : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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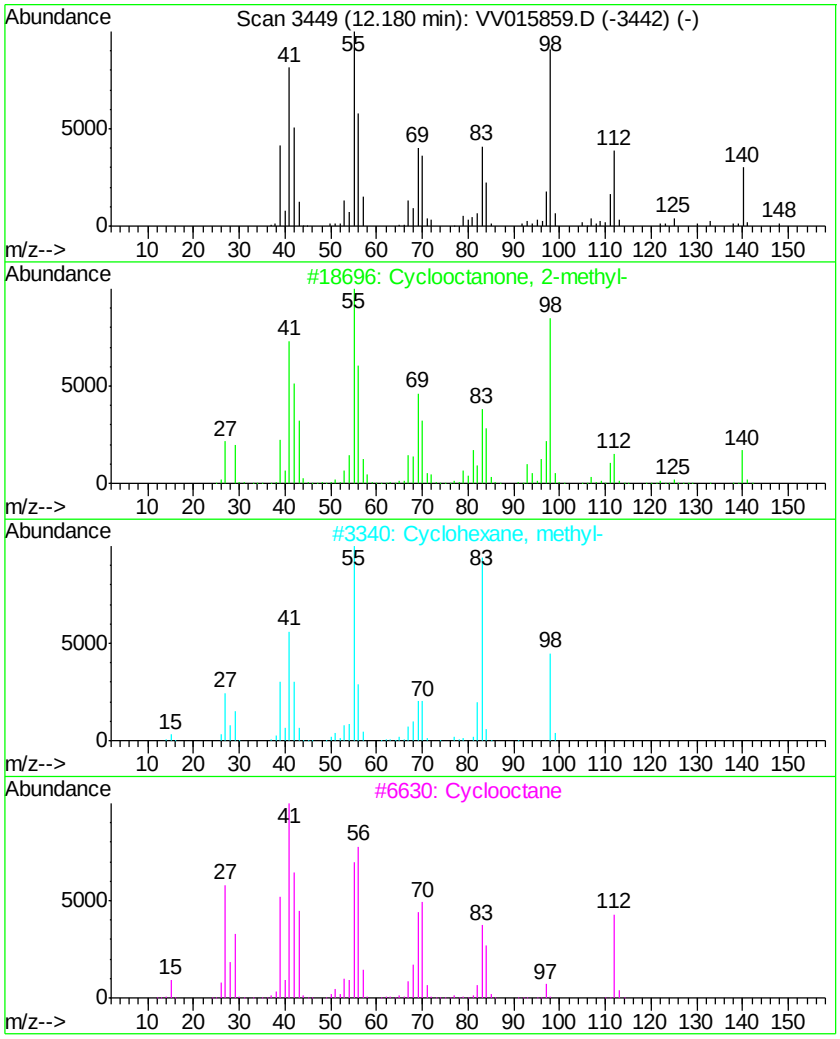
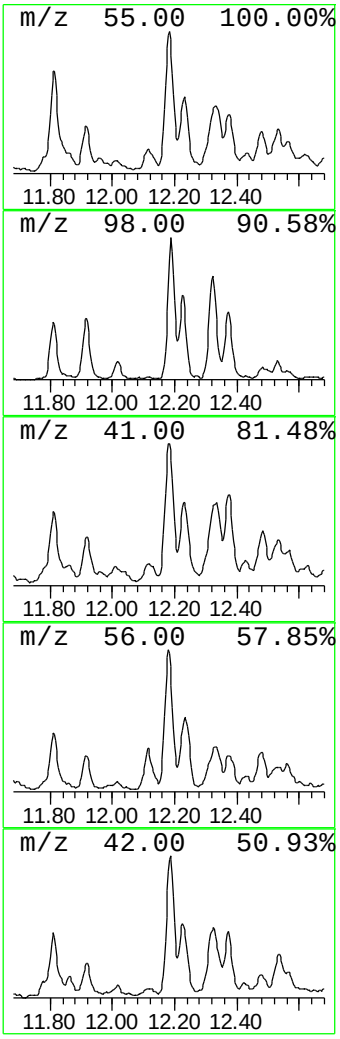
Peak Number 15 Cyclooctanone, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	1.65 ug/L	141018	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	83
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	62
3	Cyclooctane	112	C8H16	000292-64-8	55
4	trans-4-Decene	140	C10H20	019398-89-1	46
5	5-Decene	140	C10H20	019689-19-1	46





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Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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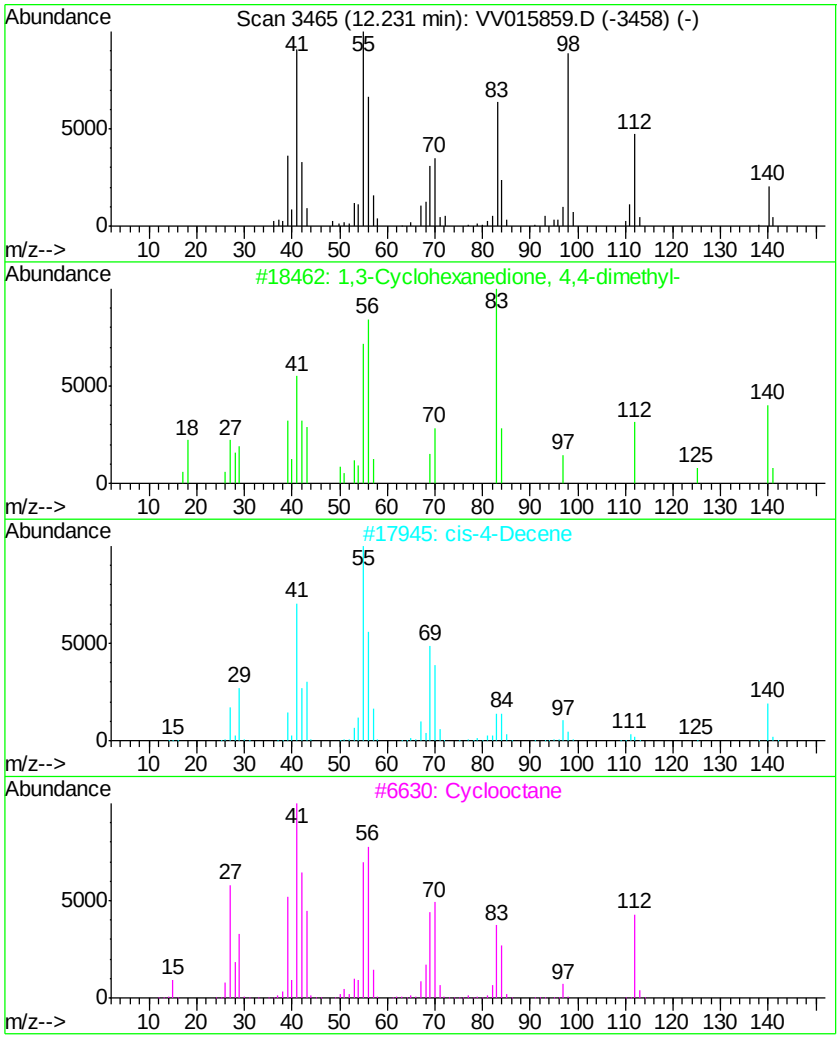
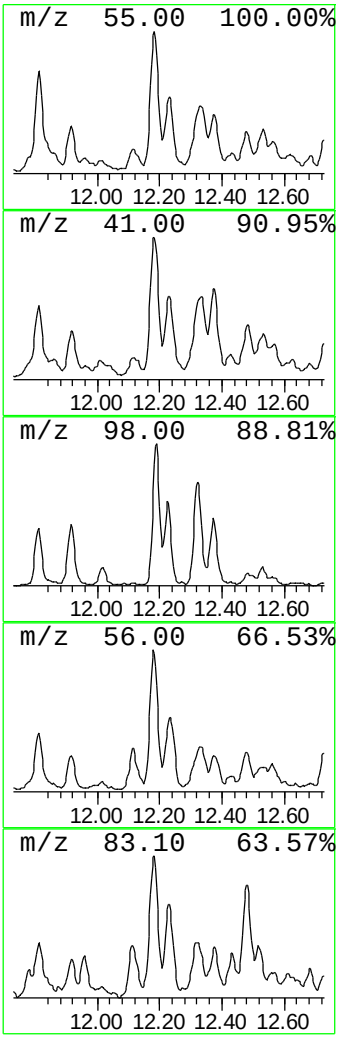
Peak Number 16 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	0.56 ug/L	47672	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	49
2	cis-4-Decene	140	C10H20	019398-88-0	46
3	Cyclooctane	112	C8H16	000292-64-8	46
4	Cyclooctane	112	C8H16	000292-64-8	45
5	2-Decene, (E)-	140	C10H20	020063-97-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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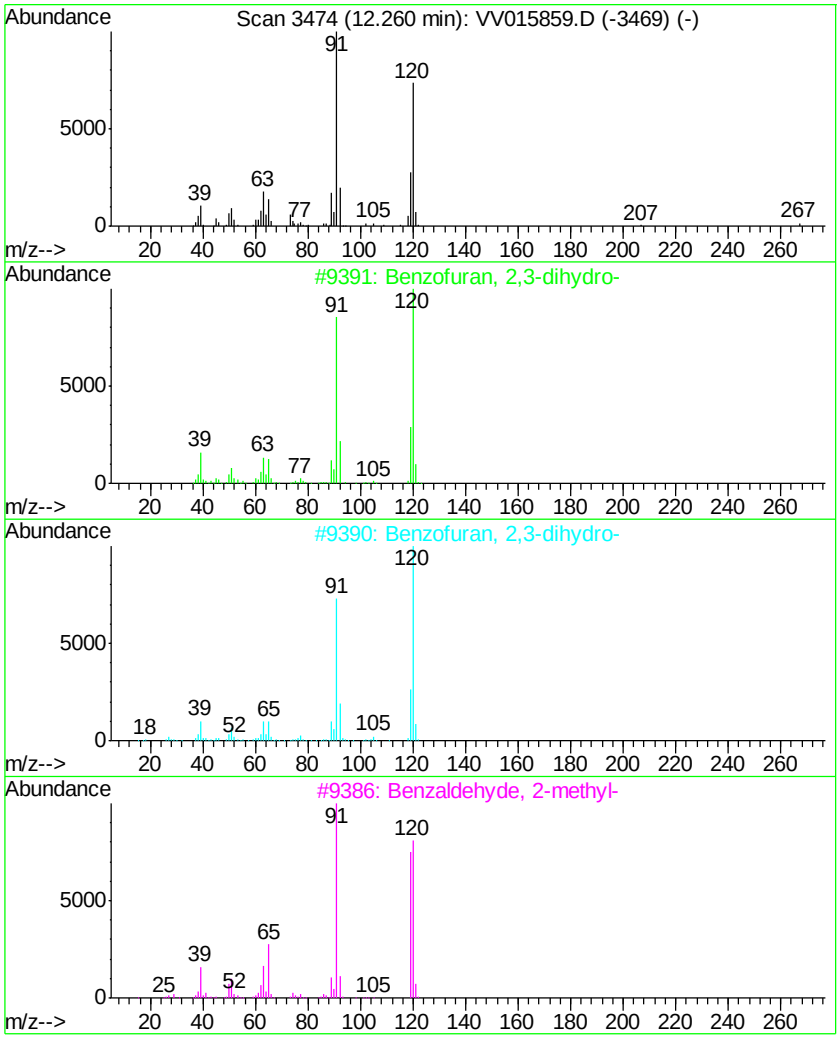
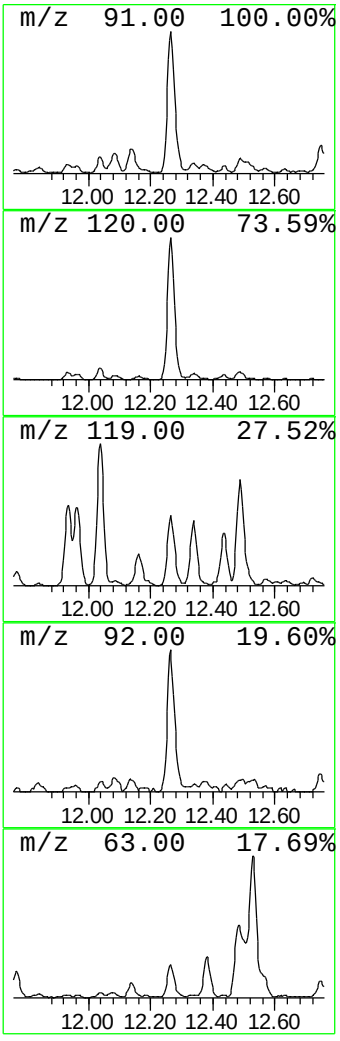
Peak Number 17 Benzofuran, 2,3-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	1.64 ug/L	139662	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	87
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	80
3	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	76
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	70
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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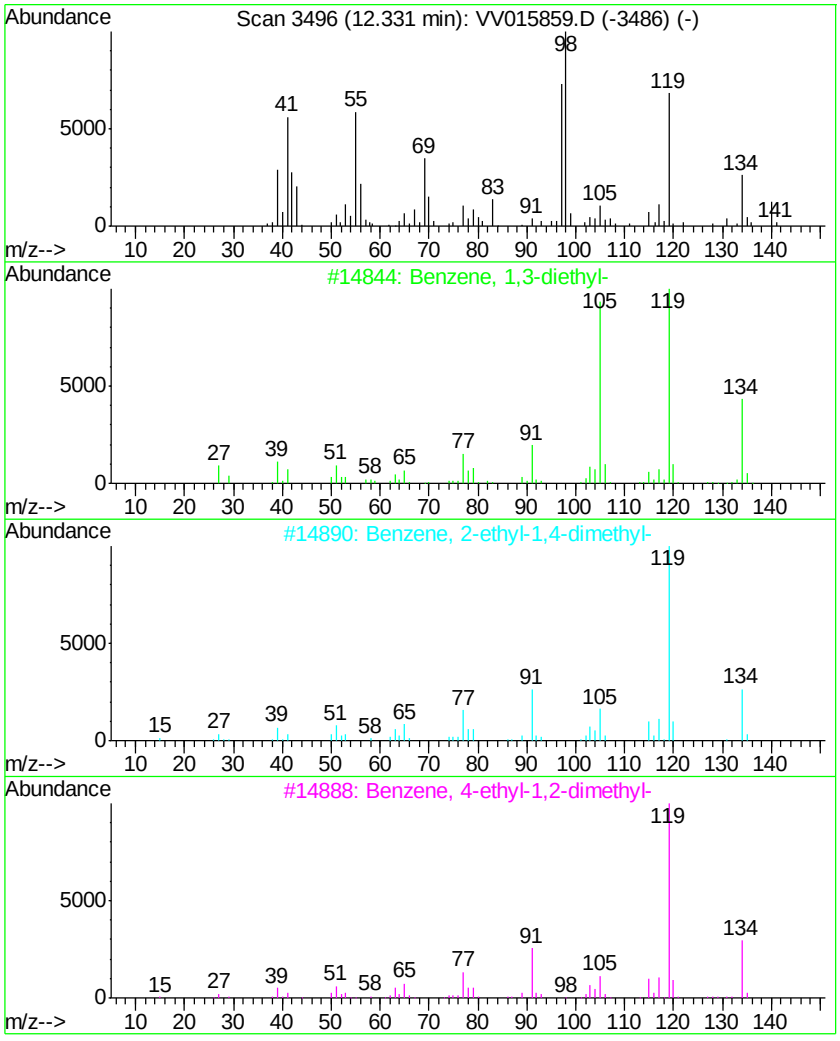
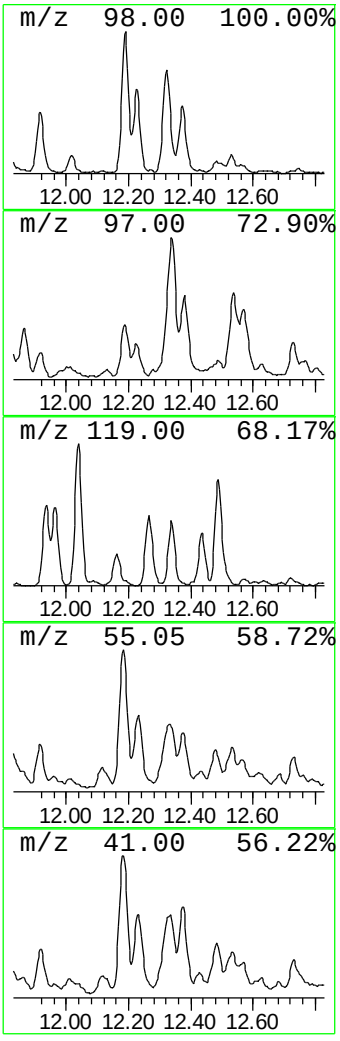
Peak Number 18 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	1.34 ug/L	114525	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	35
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	20
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	20





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Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

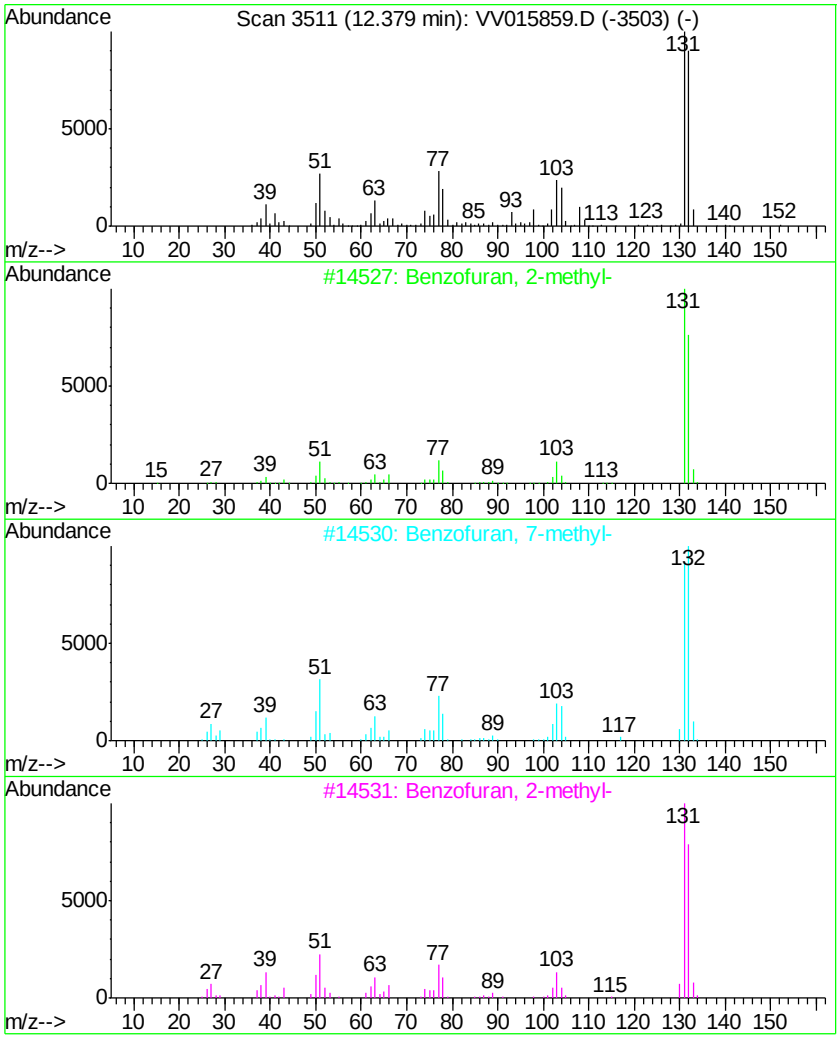
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

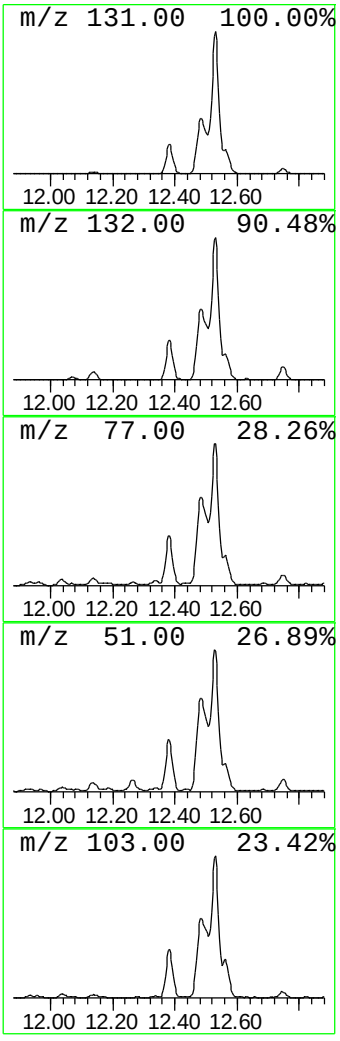
****

Peak Number 19 Cinnamaldehyde, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.88 ug/L	415659	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	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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

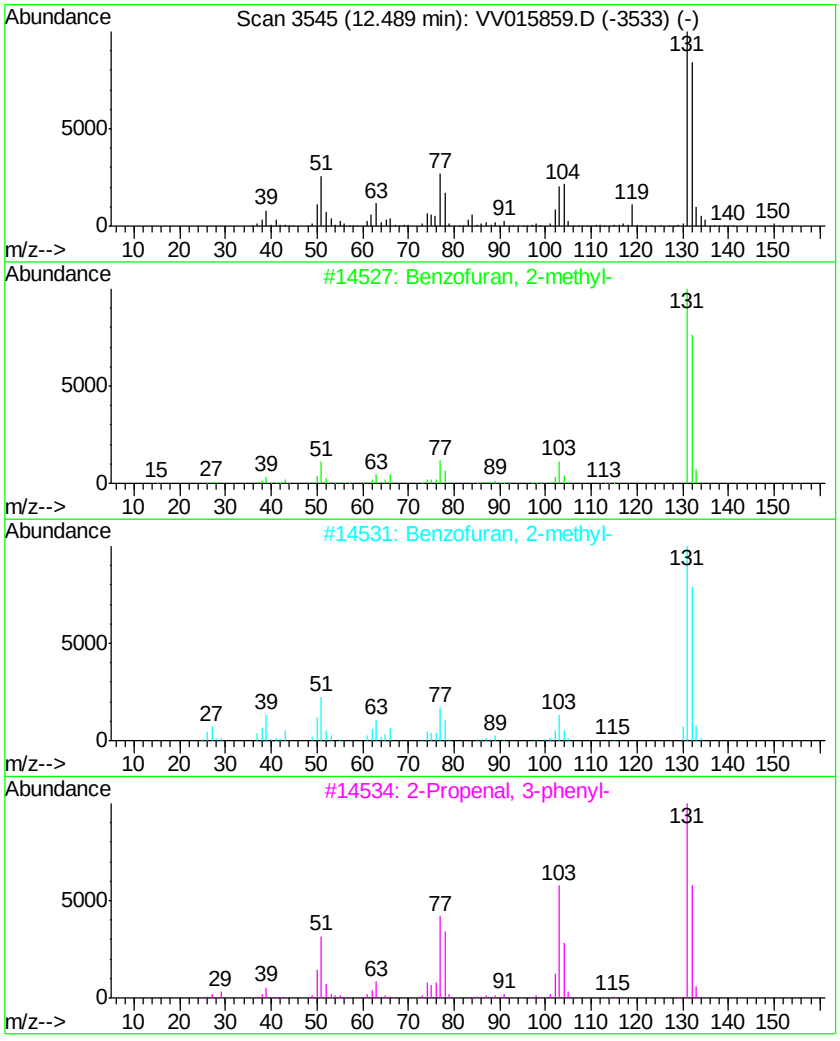
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

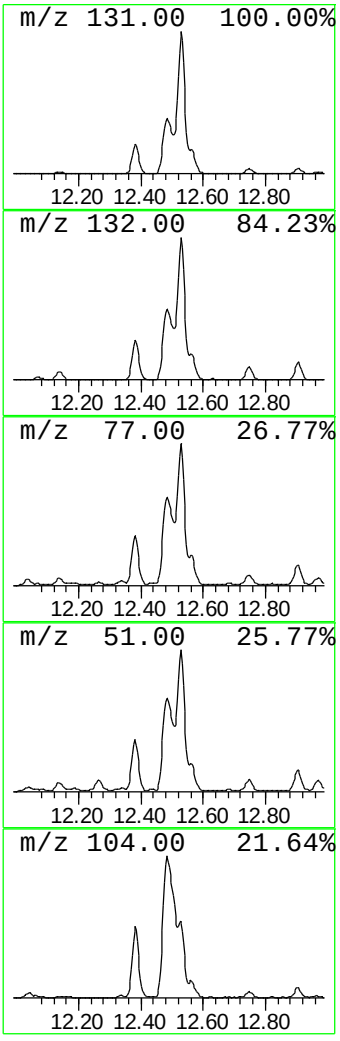
****

Peak Number 20 Benzofuran, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.56 ug/L	899857	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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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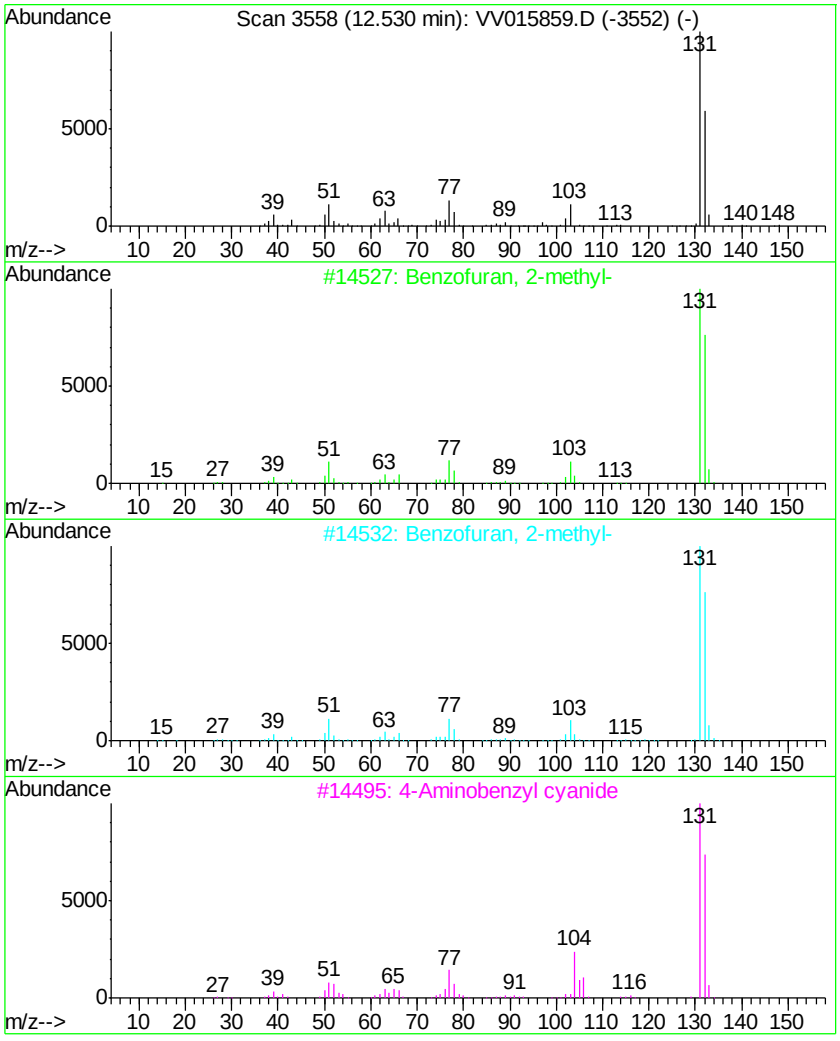
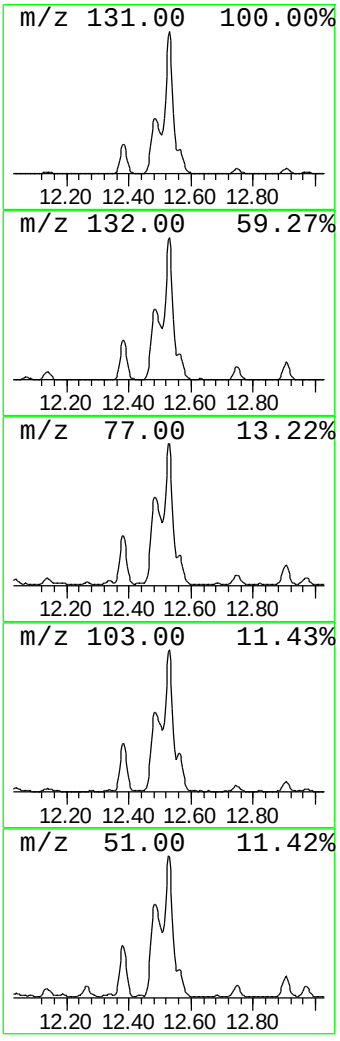
Peak Number 21 4-Aminobenzyl cyanide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.97 ug/L	849259	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	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	80
5	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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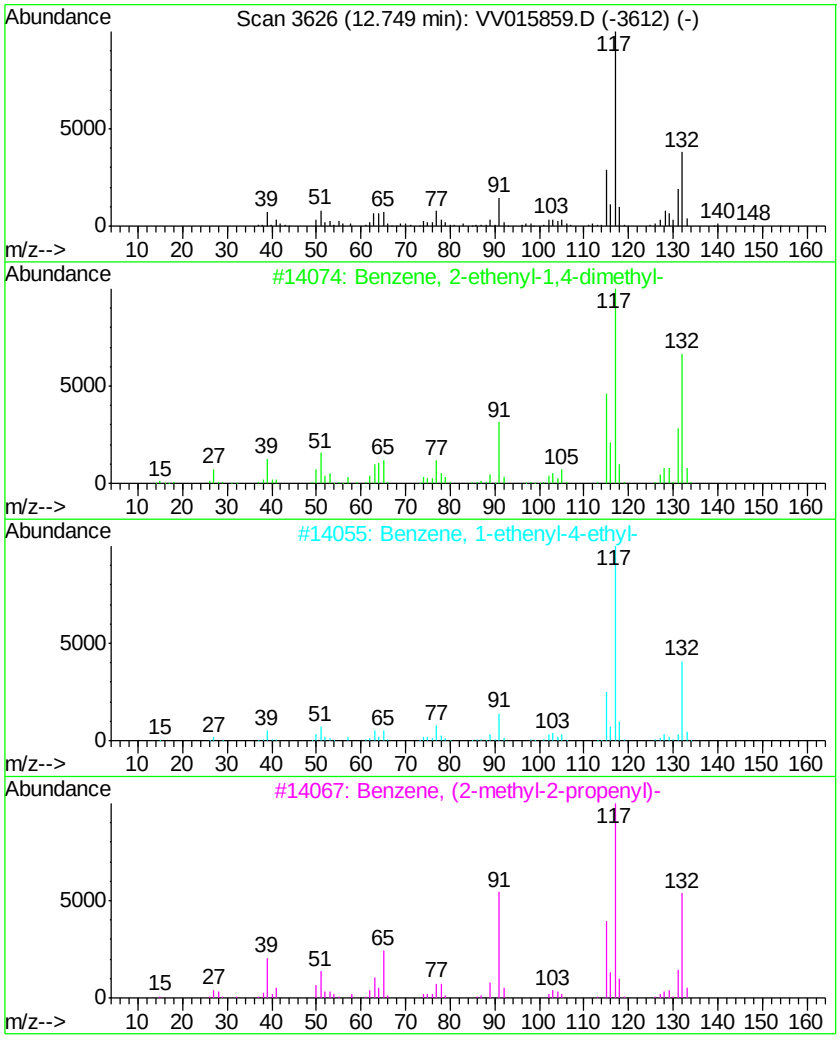
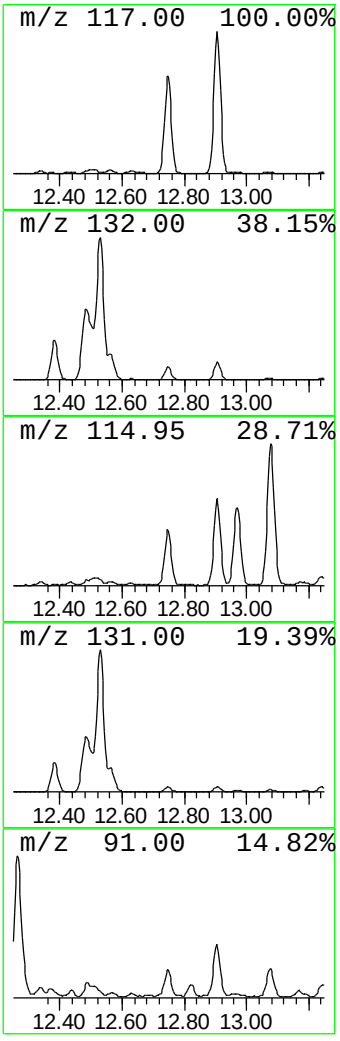
Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.57 ug/L	219375	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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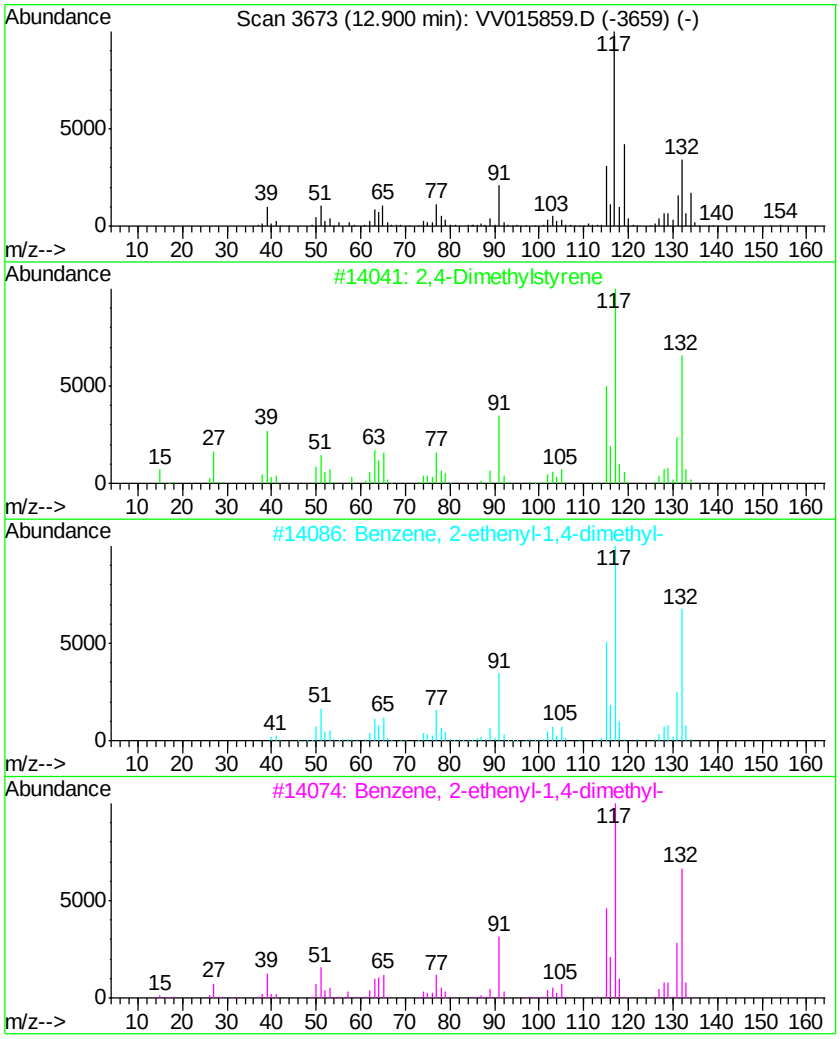
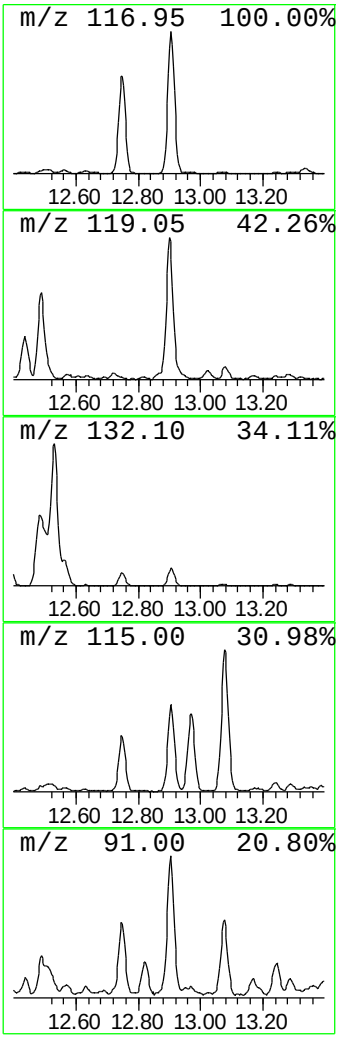
Peak Number 23 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.14 ug/L	437605	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, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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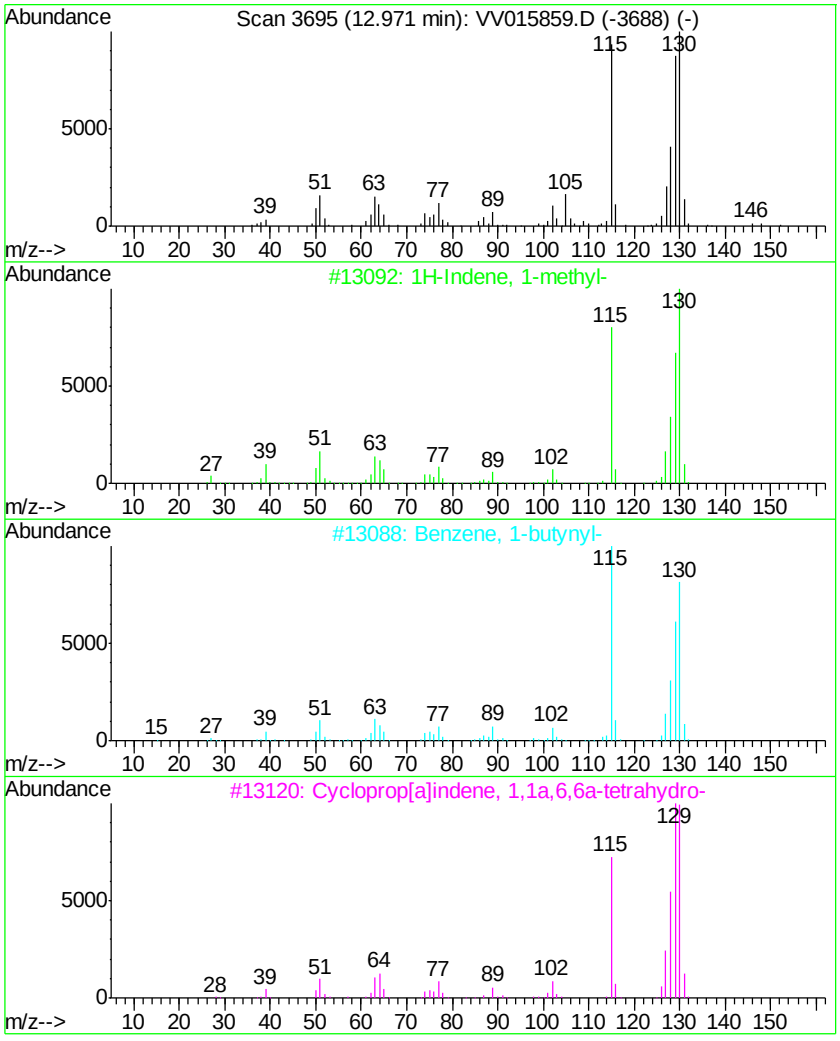
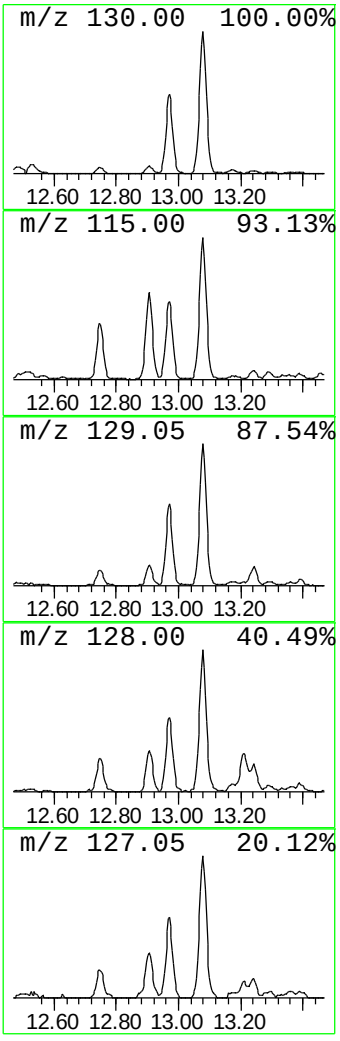
Peak Number 24 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	1.75 ug/L	149534	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	97
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	2-Methylindene	130	C10H10	002177-47-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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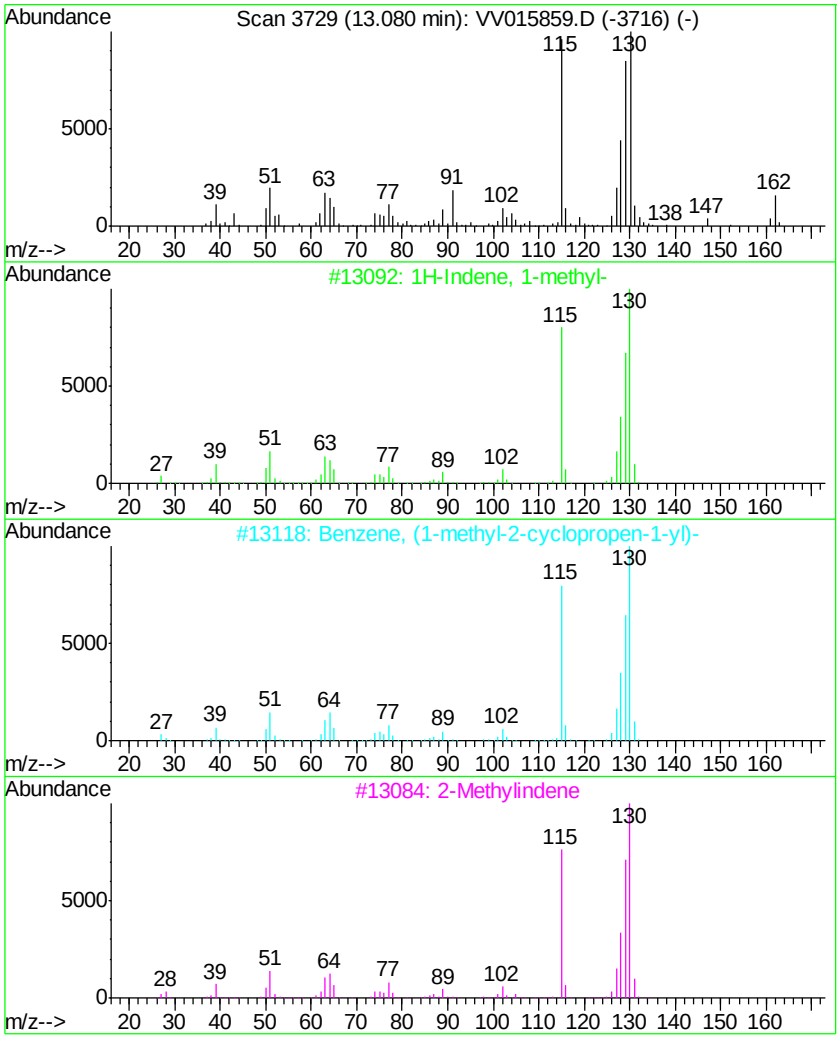
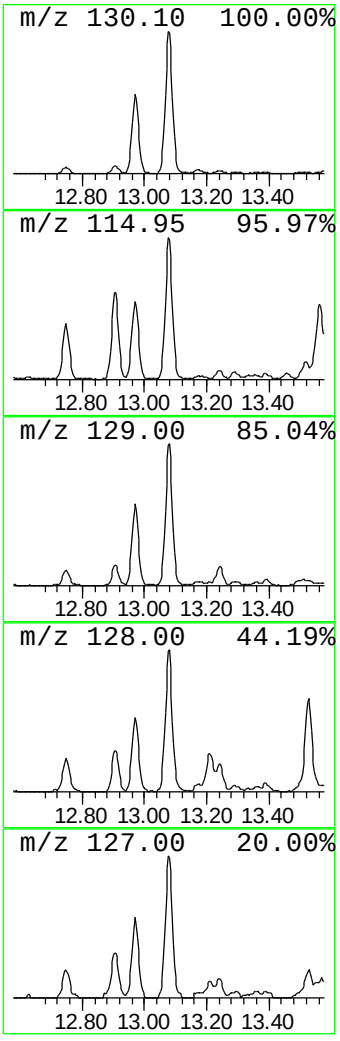
Peak Number 25 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.49 ug/L	297619	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	96
3	2-Methylindene	130	C10H10	002177-47-1	96
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 : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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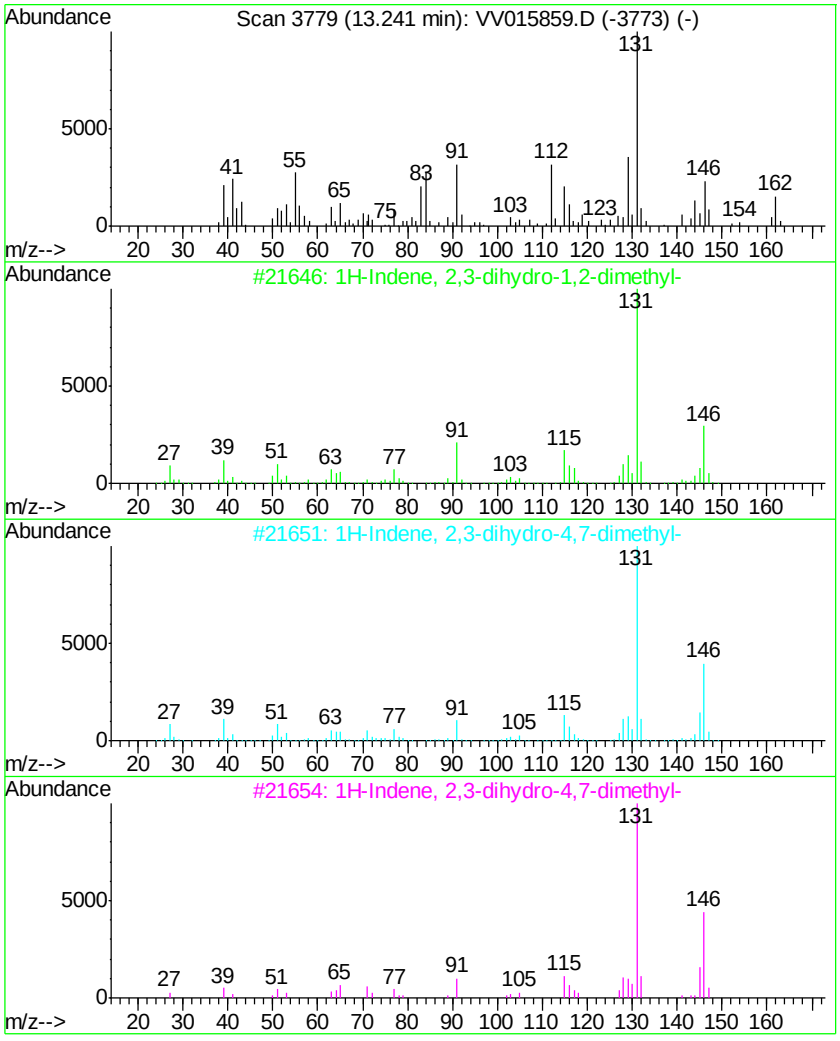
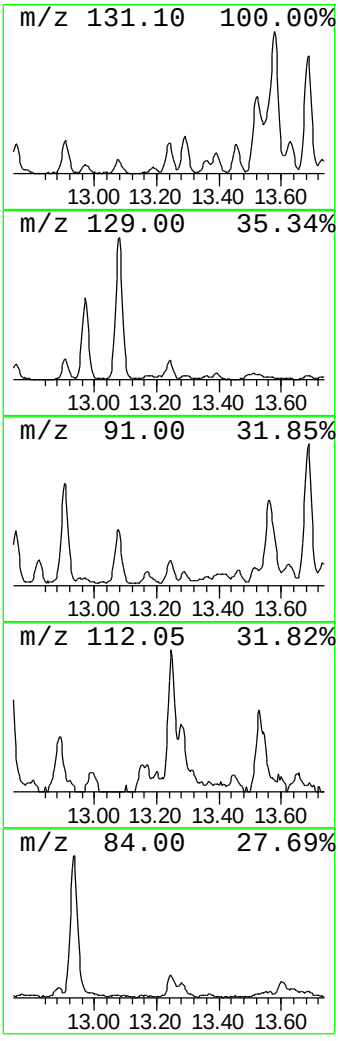
Peak Number 26 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	0.71 ug/L	60137	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	47
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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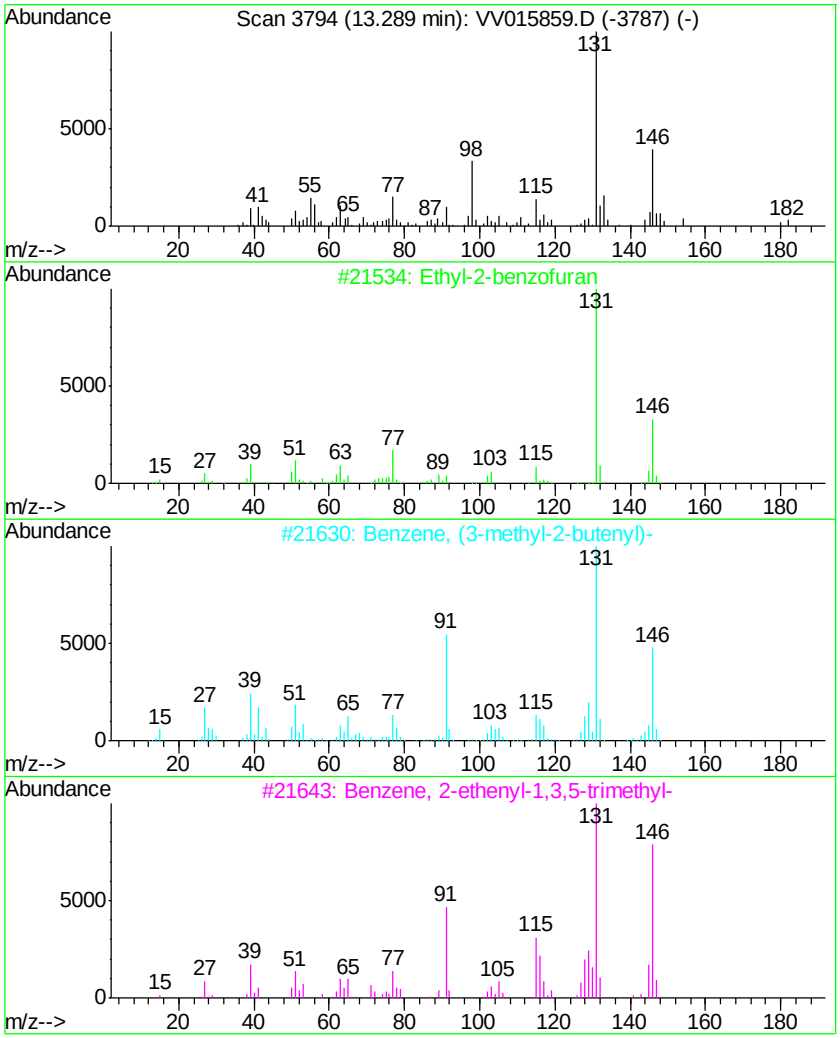
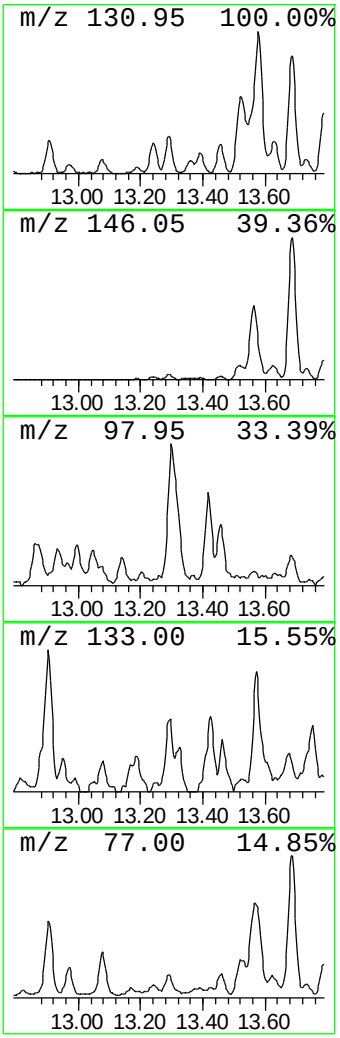
Peak Number 27 Ethyl-2-benzofuran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.15 ug/L	97642	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	76
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	59
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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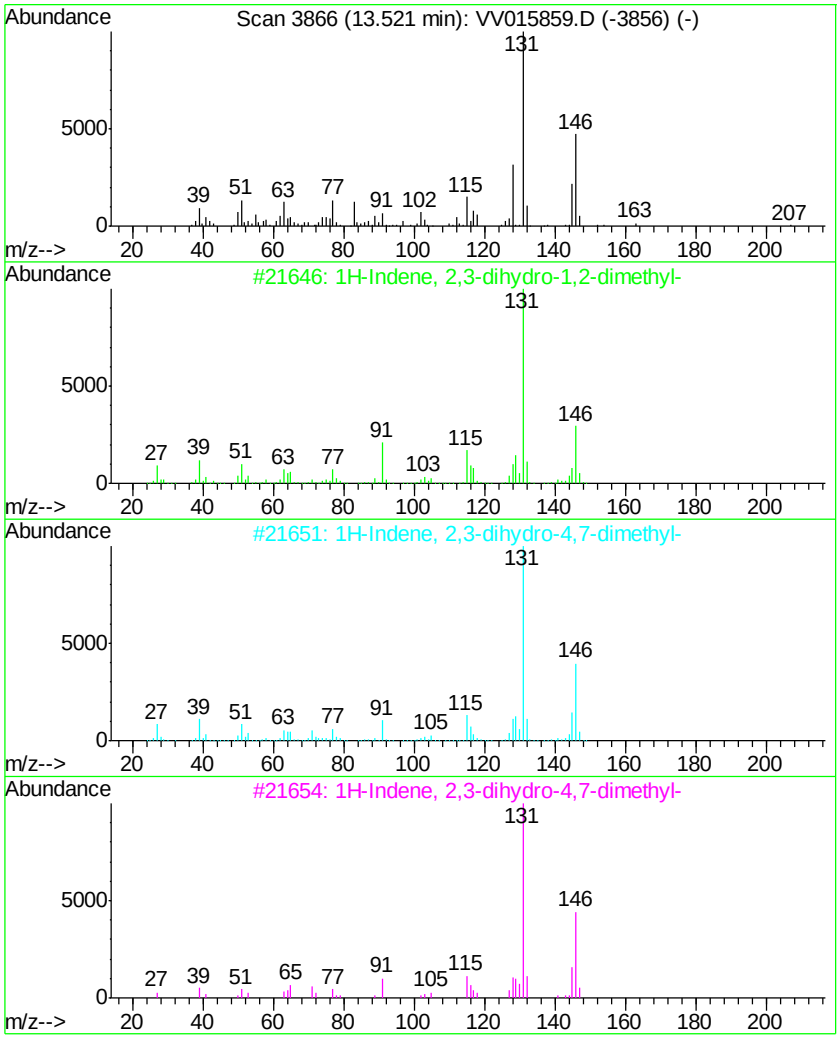
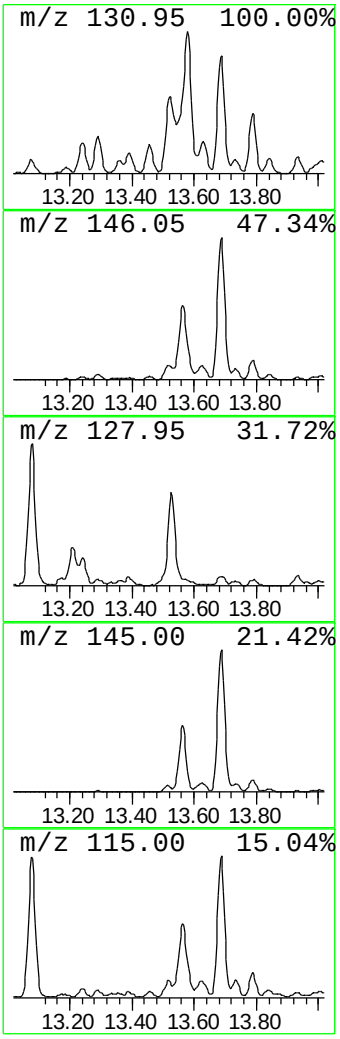
Peak Number 29 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	1.90 ug/L	161847	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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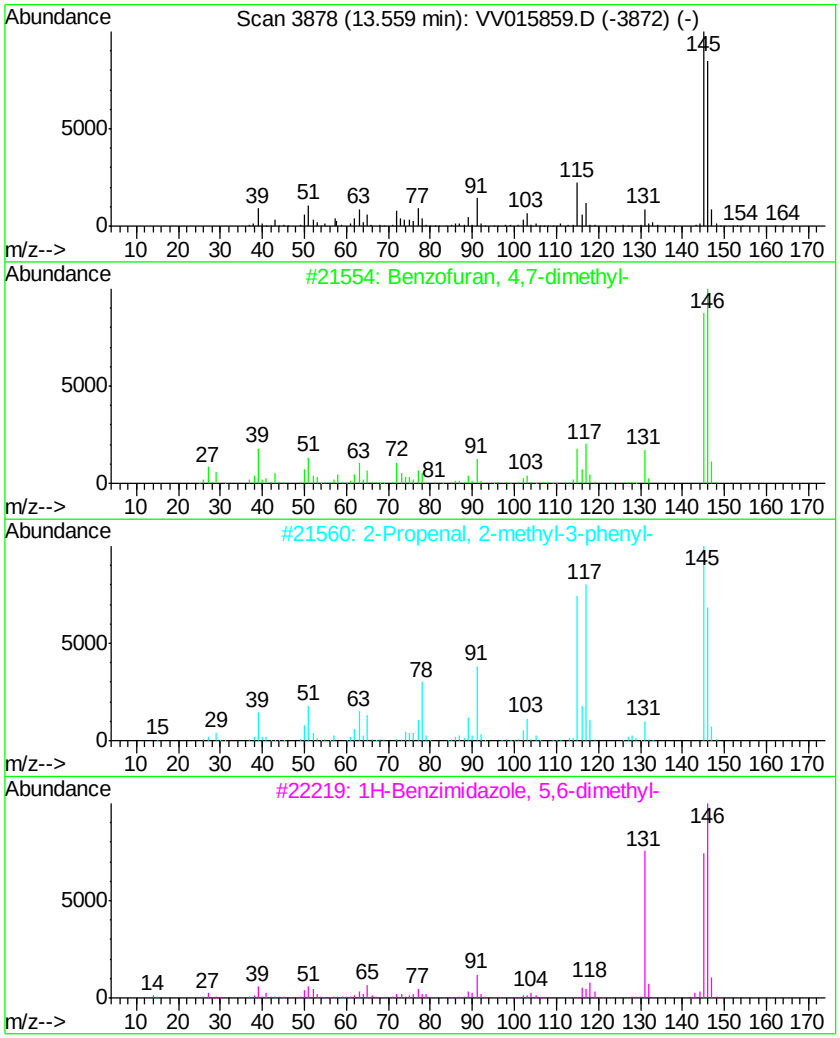
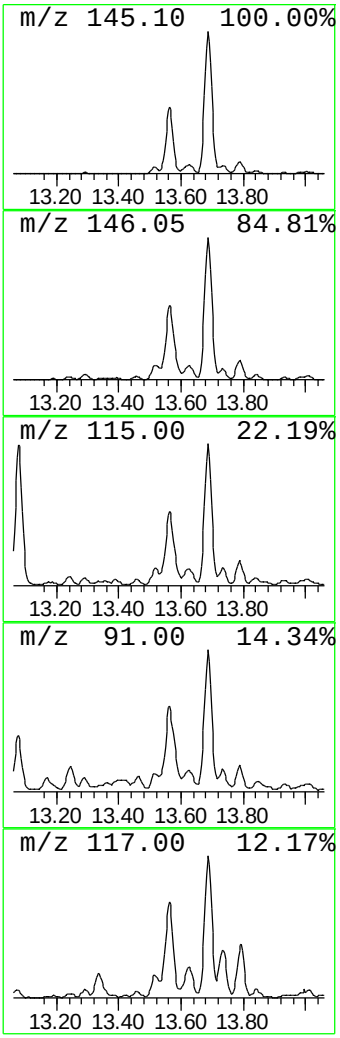
Peak Number 30 Benzofuran, 4,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.40 ug/L	460463	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	87
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	78
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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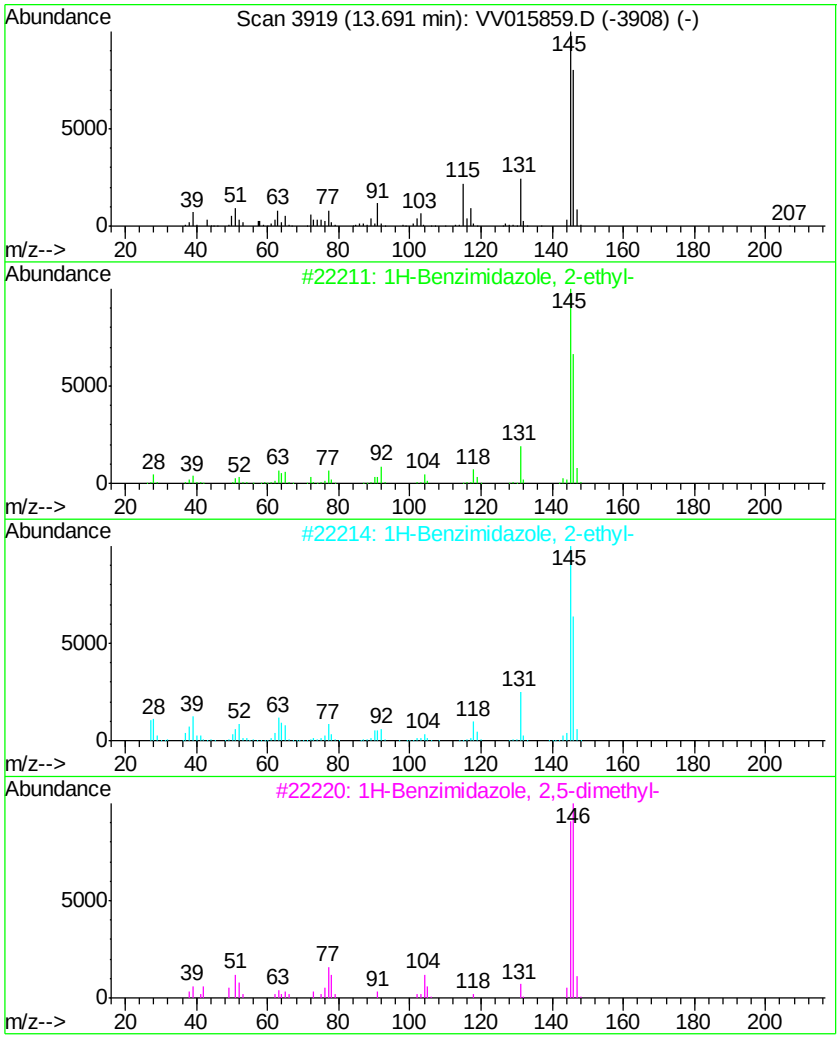
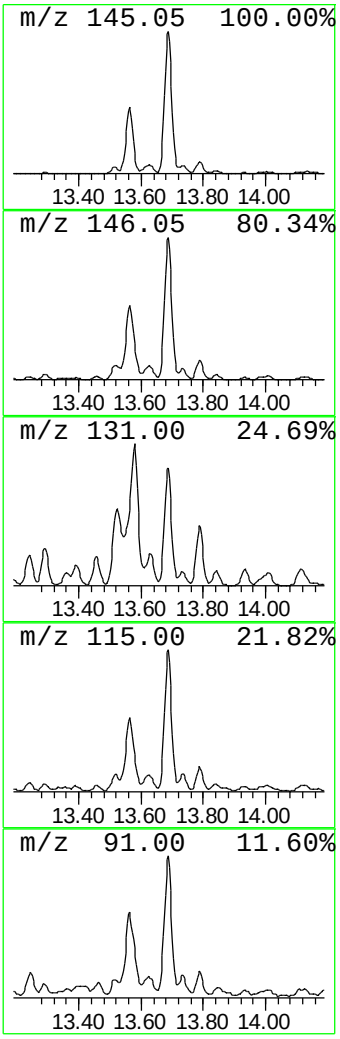
Peak Number 31 1H-Benzimidazole, 2,5-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	8.22 ug/L	700321	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	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	64
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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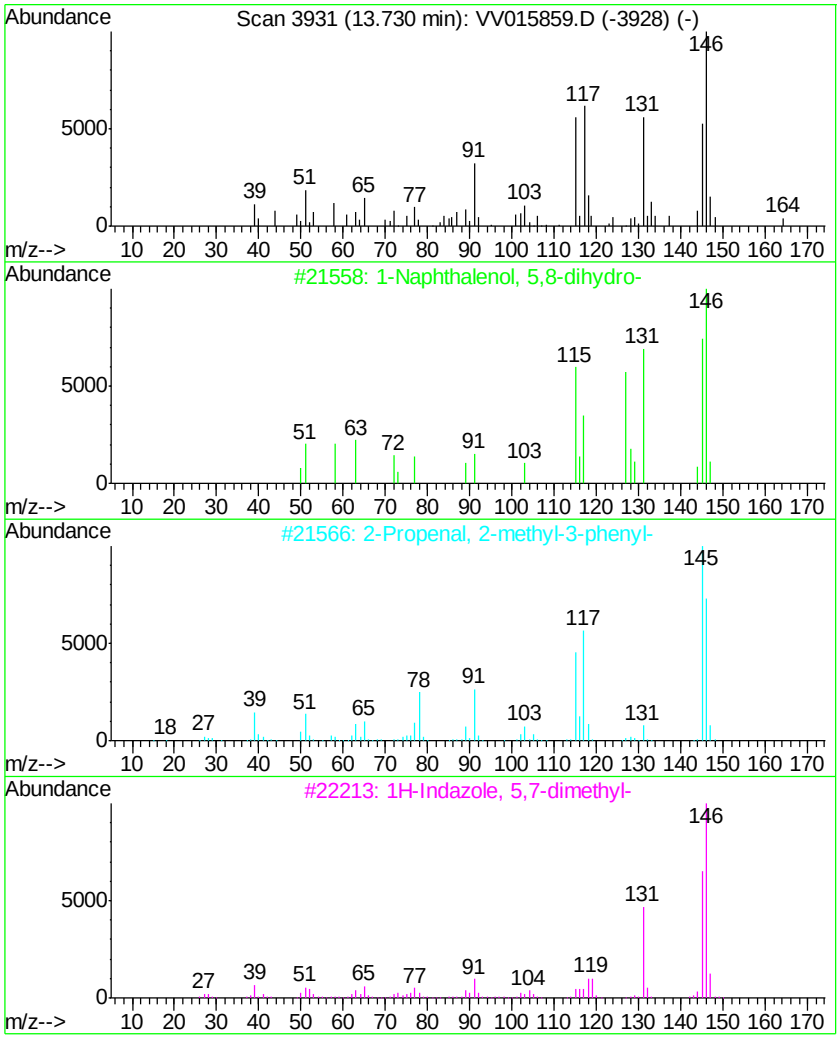
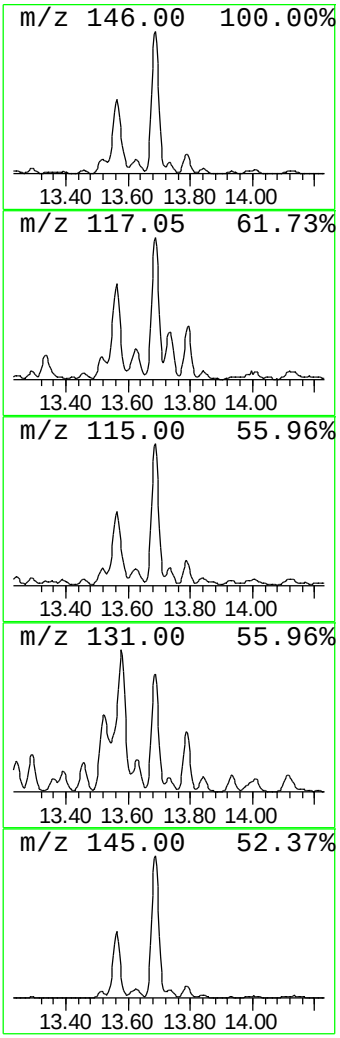
Peak Number 32 1-Naphthalenol, 5,8-dihydro- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	0.61 ug/L	51585	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	83
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	58
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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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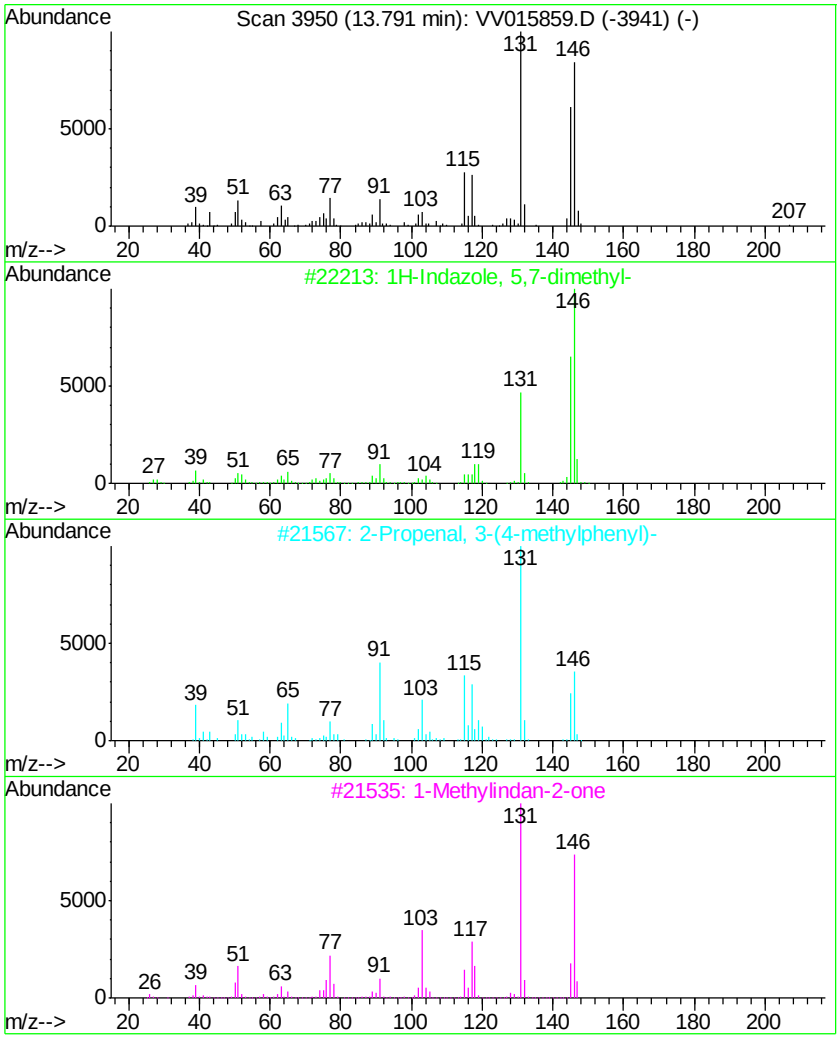
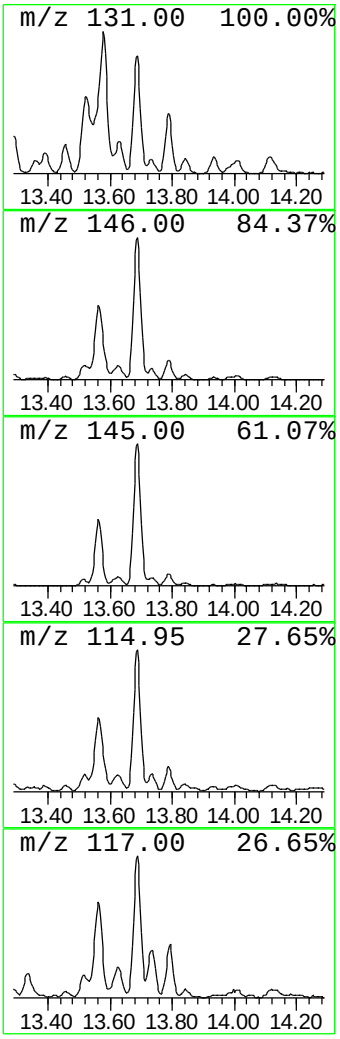
Peak Number 33 1H-Indazole, 5,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	1.47 ug/L	124909	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	83
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	80
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	74
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050120\
Data File : VV015859.D
Acq On : 01 May 2020 15:43
Operator : SY/MD
Sample : L2431-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKS5

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
Benzene, propyl-	10.38	1.9	ug/L	164129	3	11.27	426095	5.0
Benzene, 1-ethyl-...	10.50	1.8	ug/L	156231	3	11.27	426095	5.0
Benzene, 1,2,3-tr...	10.76	3.1	ug/L	267581	3	11.27	426095	5.0
Benzene, 1,2,4-tr...	10.94	3.2	ug/L	272621	3	11.27	426095	5.0
Benzene, 1-ethyl-...	11.36	2.9	ug/L	249763	3	11.27	426095	5.0
Benzene, 2-propenyl-	11.42	0.8	ug/L	71512	3	11.27	426095	5.0
Phenol, 4-(1-meth...	11.47	0.7	ug/L	60827	3	11.27	426095	5.0
Indane	11.55	6.4	ug/L	544625	3	11.27	426095	5.0
1-Propyne, 3-phenyl-	11.77	1.8	ug/L	151685	3	11.27	426095	5.0
(DEL) Alkane: Cyc...	11.81	0.7	ug/L	62785	3	11.27	426095	5.0
unknown-01	11.92	1.1	ug/L	94861	3	11.27	426095	5.0
Benzene, 4-ethyl-...	12.04	0.8	ug/L	70442	3	11.27	426095	5.0
Benzene, 1-etheny...	12.14	1.6	ug/L	132511	3	11.27	426095	5.0
Cyclooctanone, 2-...	12.18	1.6	ug/L	141018	3	11.27	426095	5.0
unknown-02	12.23	0.6	ug/L	47672	3	11.27	426095	5.0
Benzofuran, 2,3-d...	12.26	1.6	ug/L	139662	3	11.27	426095	5.0
unknown-03	12.33	1.3	ug/L	114525	3	11.27	426095	5.0
Cinnamaldehyde, (E)-	12.38	4.9	ug/L	415659	3	11.27	426095	5.0
Benzofuran, 2-met...	12.49	10.6	ug/L	899857	3	11.27	426095	5.0
4-Aminobenzyl cya...	12.53	10.0	ug/L	849259	3	11.27	426095	5.0
Benzene, 2-etheny...	12.75	2.6	ug/L	219375	3	11.27	426095	5.0
2,4-Dimethylstyrene	12.90	5.1	ug/L	437605	3	11.27	426095	5.0
1H-Indene, 1-methyl-	12.97	1.8	ug/L	149534	3	11.27	426095	5.0
Benzene, (1-methy...	13.08	3.5	ug/L	297619	3	11.27	426095	5.0
unknown-04	13.24	0.7	ug/L	60137	3	11.27	426095	5.0
Ethyl-2-benzofuran	13.29	1.1	ug/L	97642	3	11.27	426095	5.0
1H-Indene, 2,3-di...	13.52	1.9	ug/L	161847	3	11.27	426095	5.0
Benzofuran, 4,7-d...	13.56	5.4	ug/L	460463	3	11.27	426095	5.0
1H-Benzimidazole,...	13.69	8.2	ug/L	700321	3	11.27	426095	5.0
1-Naphthalenol, 5...	13.73	0.6	ug/L	51585	3	11.27	426095	5.0
1H-Indazole, 5,7-...	13.79	1.5	ug/L	124909	3	11.27	426095	5.0