LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_N\METHODS\82N110420W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.422	199	212	222	rBV3	17966	38480	2.19%	0.152%
2	6.579	1491	1505	1508	rBV7	12230	22590	1.28%	0.089%
3	7.550	1788	1807	1818	rBV2	214098	543715	30.91%	2.142%
4	7.624	1819	1830	1848	rVB	317041	766551	43.57%	3.019%
5	7.991	1923	1944	1965	rBV	261747	634032	36.04%	2.497%
6	8.132	1974	1988	1991	rBV9	11142	23551	1.34%	0.093%
7	8.550	2103	2118	2140	rBV	561395	1181633	67.17%	4.654%
8	9.019	2250	2264	2266	rBV5	11448	22082	1.26%	0.087%
9	9.486	2398	2409	2426	rVB5	14288	31224	1.77%	0.123%
10	9.585	2430	2440	2445	rBV6	18457	34612	1.97%	0.136%
11	9.614	2446	2449	2464	rVB6	20605	39796	2.26%	0.157%
12	9.936	2539	2549	2560	rBV8	13015	26280	1.49%	0.104%
13	10.058	2572	2587	2599	rBV	915146	1672276	95.05%	6.587%
14	10.122	2599	2607	2621	rVB	86494	163263	9.28%	0.643%
15	10.489	2709	2721	2736	rVB6	23936	51002	2.90%	0.201%
16	11.379	2981	2998	3017	rBV	923178	1630208	92.66%	6.421%
17	11.482	3018	3030	3048	rVV	480999	824675	46.88%	3.248%
18	11.598	3051	3066	3087	rVV	562954	1022980	58.15%	4.029%
19	11.920	3148	3166	3183	rBV	146278	265339	15.08%	1.045%
20	12.225	3251	3261	3272	rVB3	19563	31804	1.81%	0.125%
21	12.376	3295	3308	3325	rBV	728390	1241071	70.54%	4.888%
22	12.630	3376	3387	3391	rBV	225732	354834	20.17%	1.398%
23	12.662	3391	3397	3403	rVV	449772	706612	40.16%	2.783%
24	12.707	3403	3411	3424	rVB	1006406	1568581	89.16%	6.178%
25	12.865	3447	3460	3475	rBV	648870	1053039	59.86%	4.148%
26	13.016	3494	3507	3517	rBV	523664	846246	48.10%	3.333%
27	13.064	3518	3522	3534	rVB4	25982	37932	2.16%	0.149%
28	13.206	3556	3566	3576	rBV3	39023	64680	3.68%	0.255%
29	13.264	3576	3584	3590	rBV	40961	58724	3.34%	0.231%
30	13.318	3590	3601	3620	rVB2	874663	1759278	100.00%	6.929%
31	13.415	3625	3631	3642	rVB4	20205	31367	1.78%	0.124%
32	13.489	3642	3654	3656	rBV2	376533	514407	29.24%	2.026%
33	13.518	3656	3663	3670	rVV	986113	1614619	91.78%	6.360%
34	13.559	3670	3676	3693	rVB2	678265	1138094	64.69%	4.483%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_N\METHODS\82N110420W.M
Title : SW846 8260

35	13.646	3693	3703	3712	rBV2	127901	197510	11.23%	0.778%
36	13.711	3712	3723	3734	rVB3	101981	202301	11.50%	0.797%
37	13.778	3734	3744	3748	rBV2	141661	223151	12.68%	0.879%
38	13.862	3761	3770	3780	rBV	494855	744906	42.34%	2.934%
39	13.920	3780	3788	3794	rVV	93698	139384	7.92%	0.549%
40	13.968	3794	3803	3815	rVB	453004	711299	40.43%	2.802%
41	14.103	3835	3845	3854	rVB4	60374	99108	5.63%	0.390%
42	14.183	3854	3870	3875	rBV	139614	232055	13.19%	0.914%
43	14.222	3875	3882	3891	rVV	342418	505853	28.75%	1.992%
44	14.270	3891	3897	3904	rVV3	75555	101775	5.79%	0.401%
45	14.405	3926	3939	3944	rBV4	24090	42012	2.39%	0.165%
46	14.450	3944	3953	3962	rVV2	100171	166029	9.44%	0.654%
47	14.498	3962	3968	3976	rVB2	43018	61114	3.47%	0.241%
48	14.569	3976	3990	4001	rBV2	512590	970494	55.16%	3.823%
49	14.627	4001	4008	4020	rVB5	41429	75434	4.29%	0.297%
50	14.714	4025	4035	4052	rBV3	158964	264510	15.04%	1.042%
51	14.826	4057	4070	4075	rBV4	78104	150881	8.58%	0.594%
52	14.926	4090	4101	4115	rVB2	100639	223315	12.69%	0.880%
53	15.219	4182	4192	4195	rBV8	20560	36515	2.08%	0.144%
54	15.260	4200	4205	4215	rVB4	26850	45517	2.59%	0.179%
55	15.383	4235	4243	4255	rBV	29565	54402	3.09%	0.214%
56	15.543	4278	4293	4320	rVV4	29587	82531	4.69%	0.325%
57	15.659	4324	4329	4339	rVV6	10655	17810	1.01%	0.070%
58	15.730	4342	4351	4363	rVB6	11155	24901	1.42%	0.098%

Sum of corrected areas: 25388384

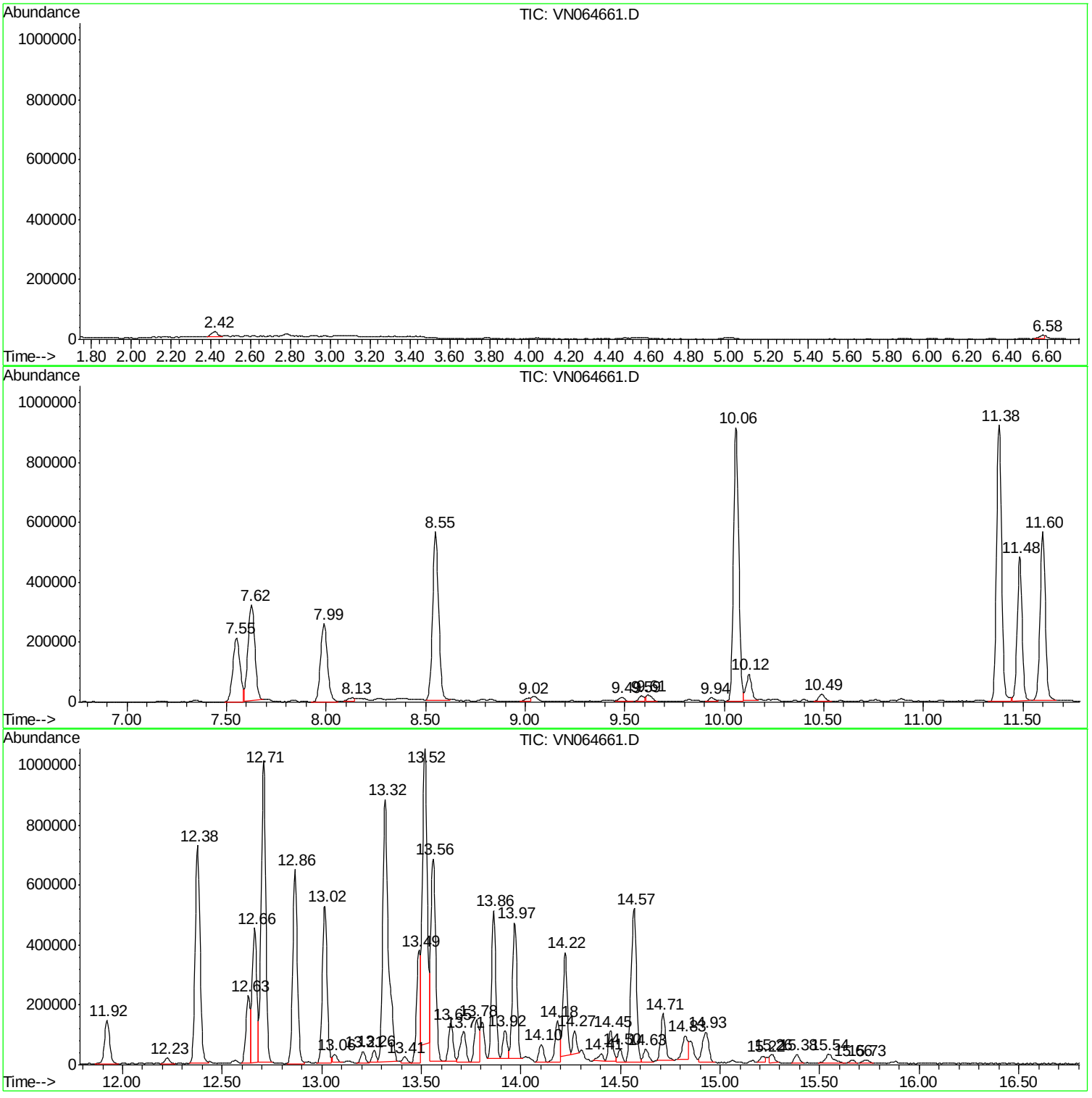
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

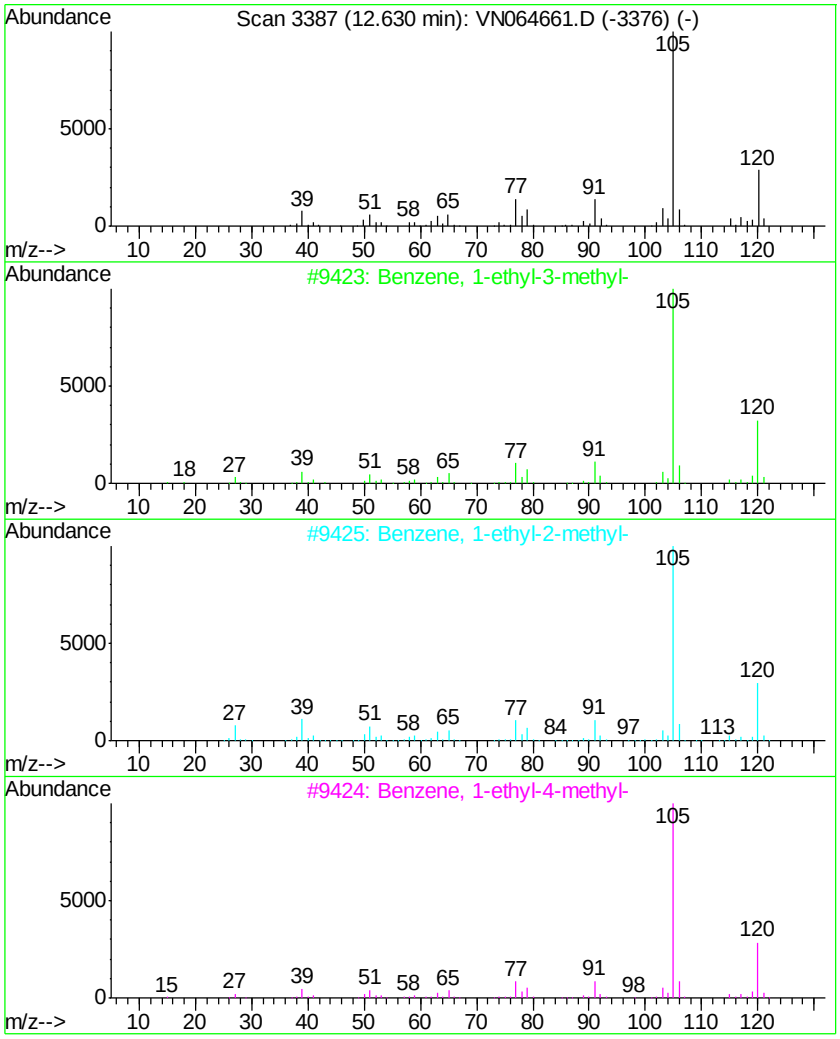
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

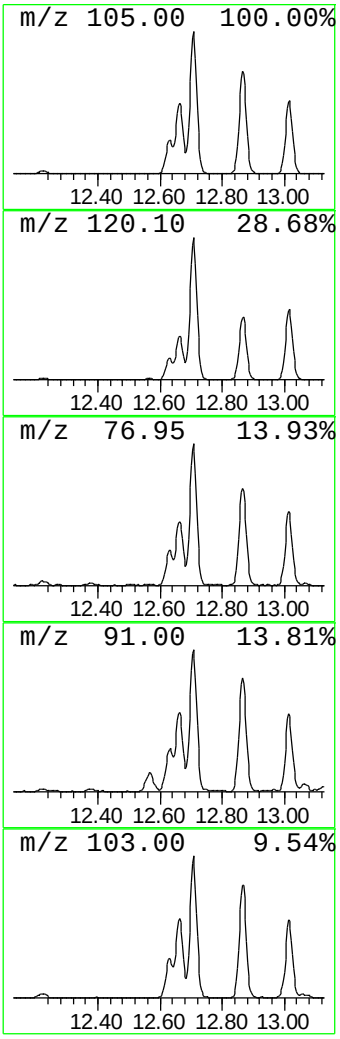
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	10.08 ug/l	354834	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
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	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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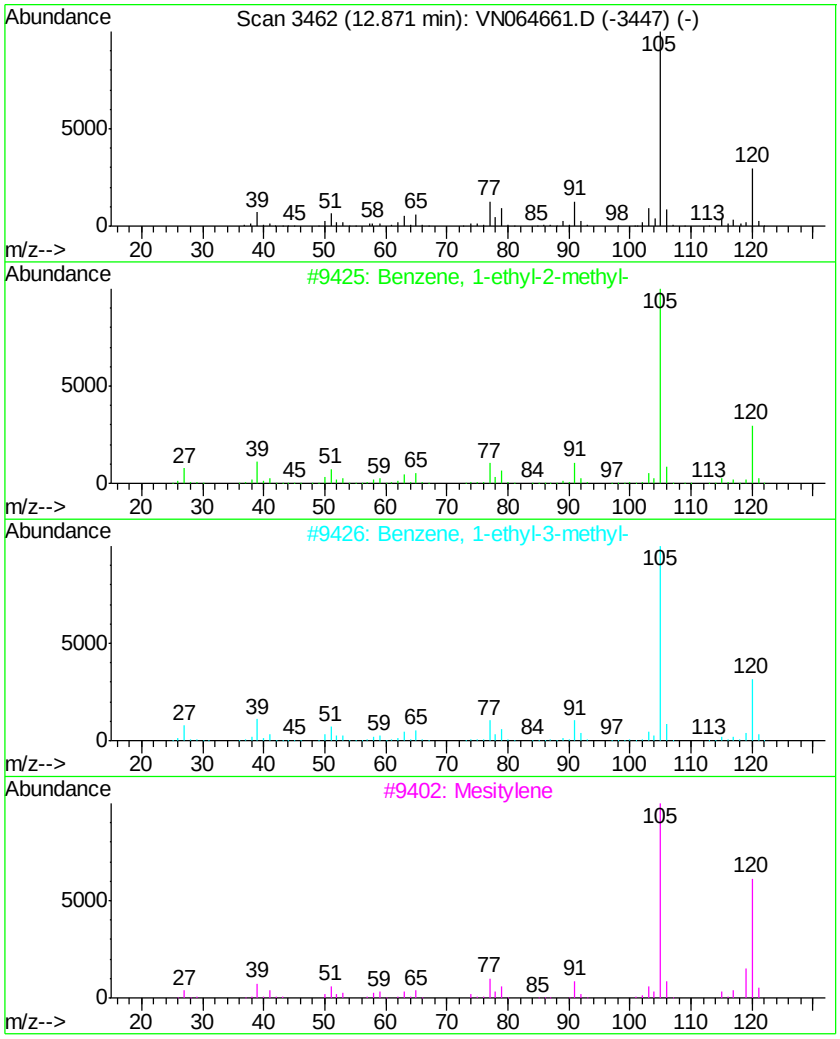
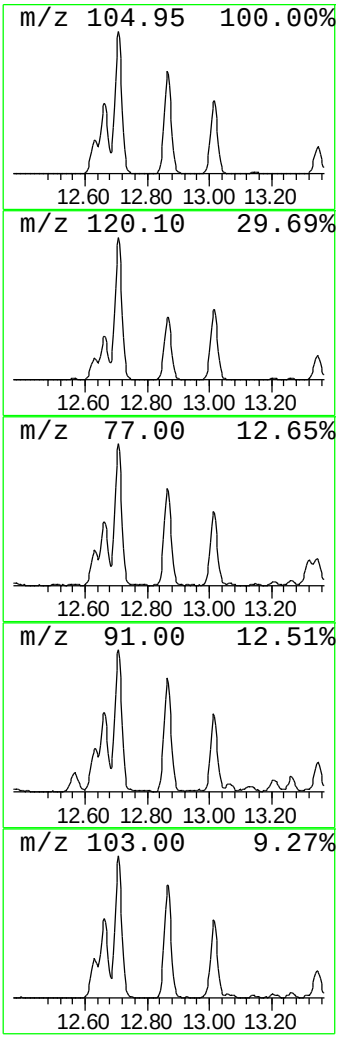
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	29.93 ug/l	1053040	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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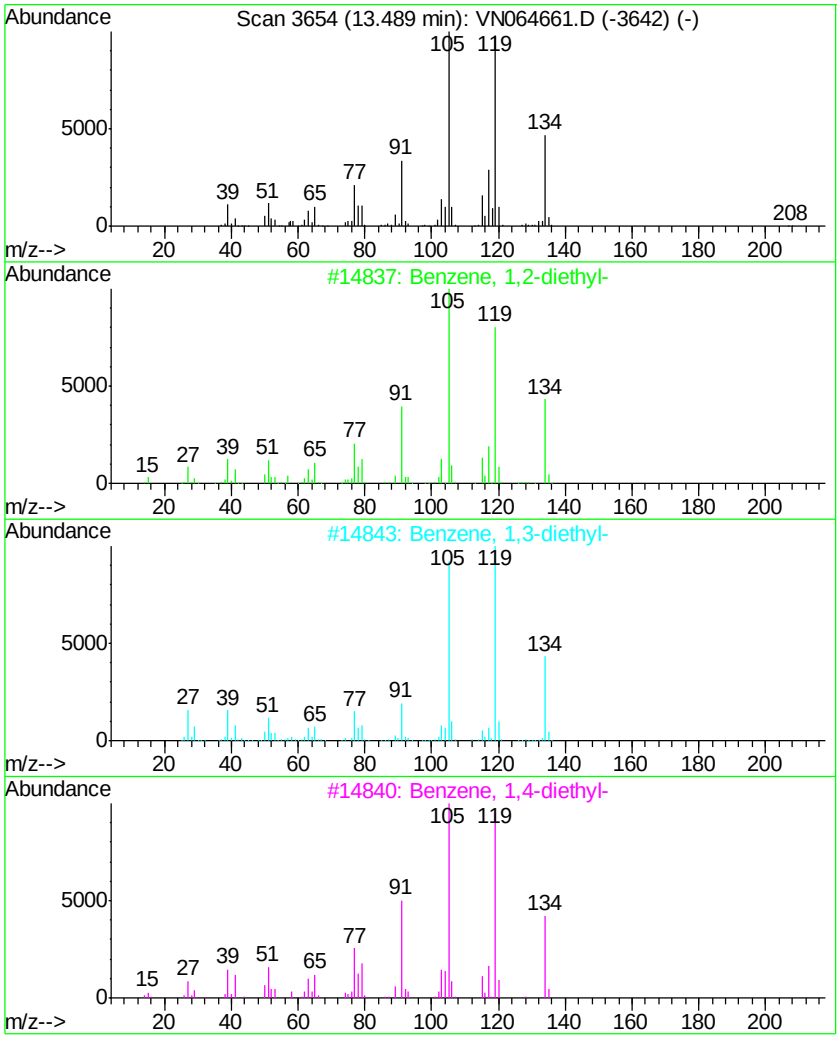
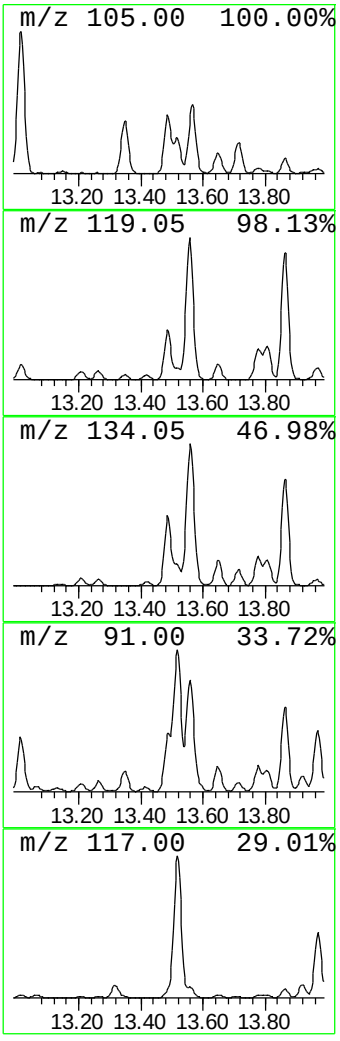
Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	14.62 ug/l	514407	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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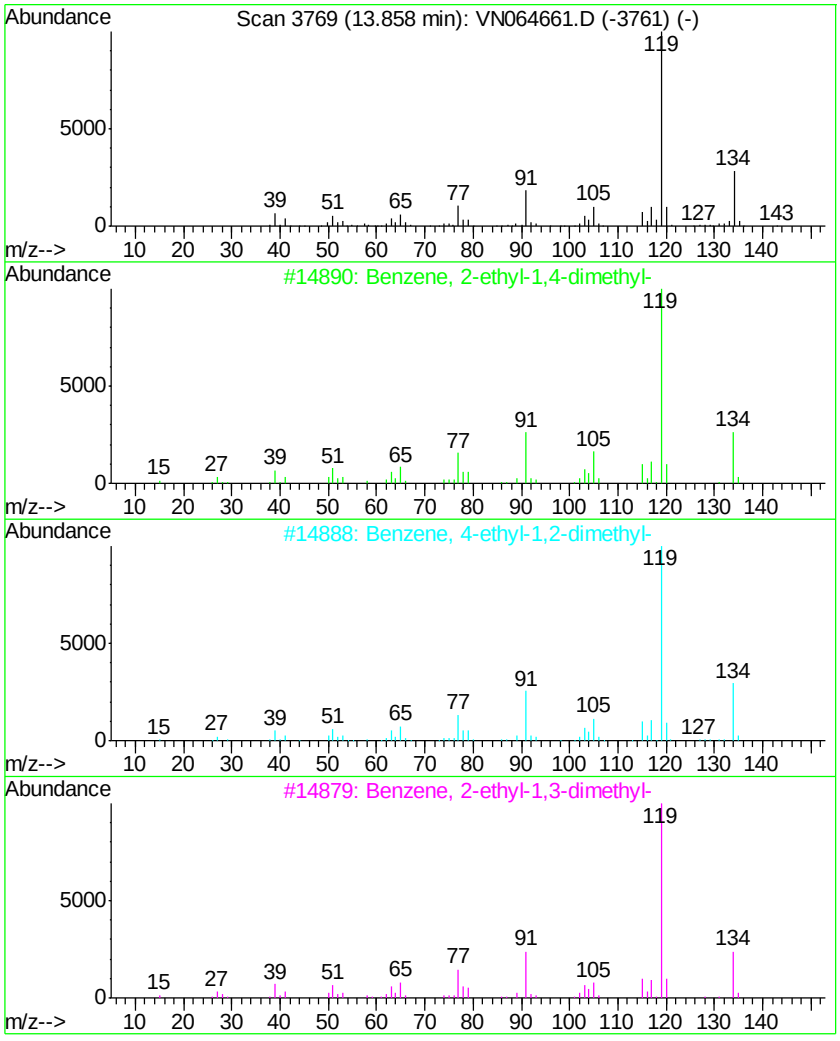
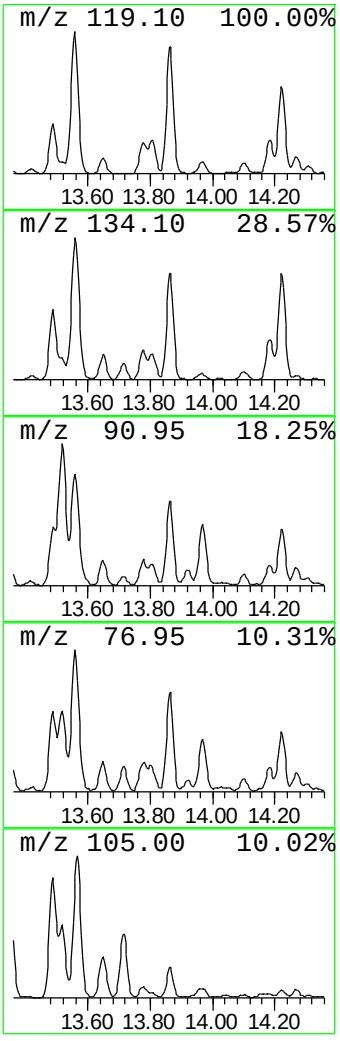
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	21.17 ug/l	744906	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

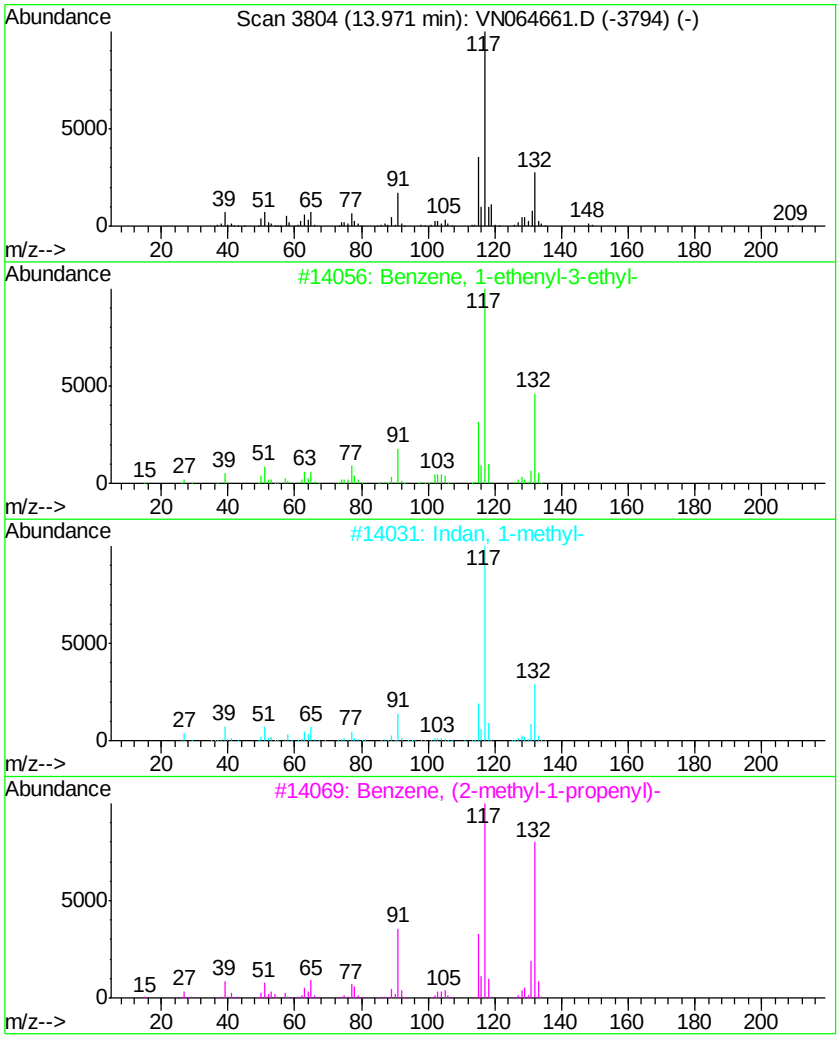
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

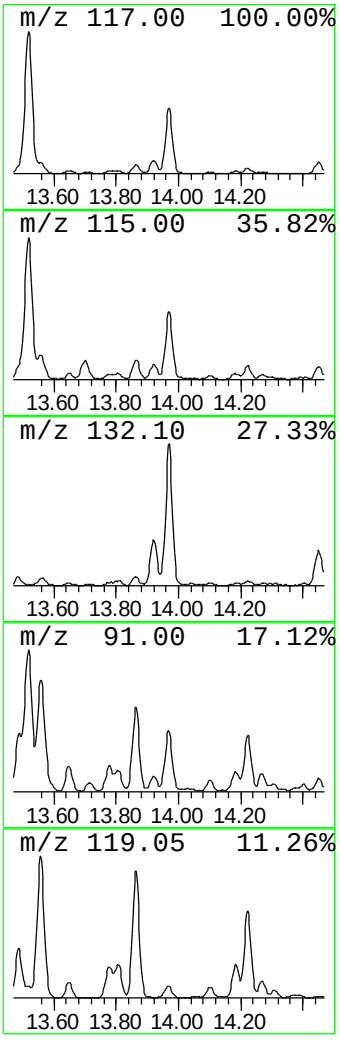
****

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	20.22 ug/l	711299	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

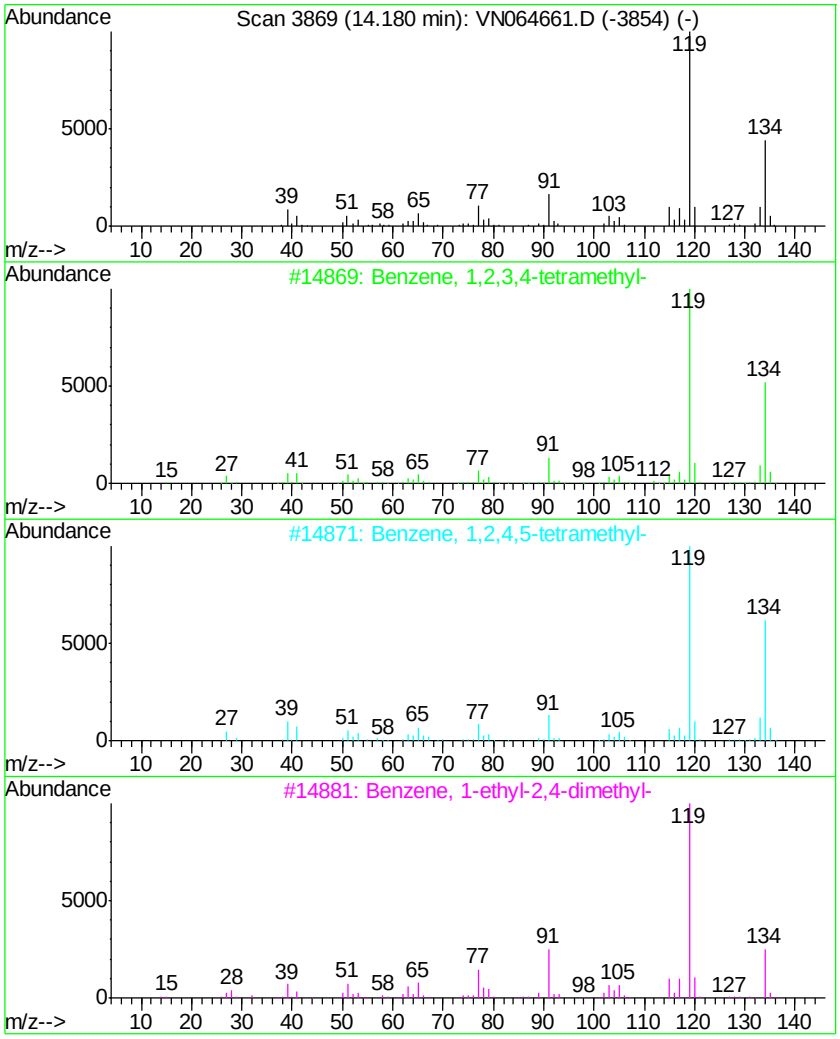
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

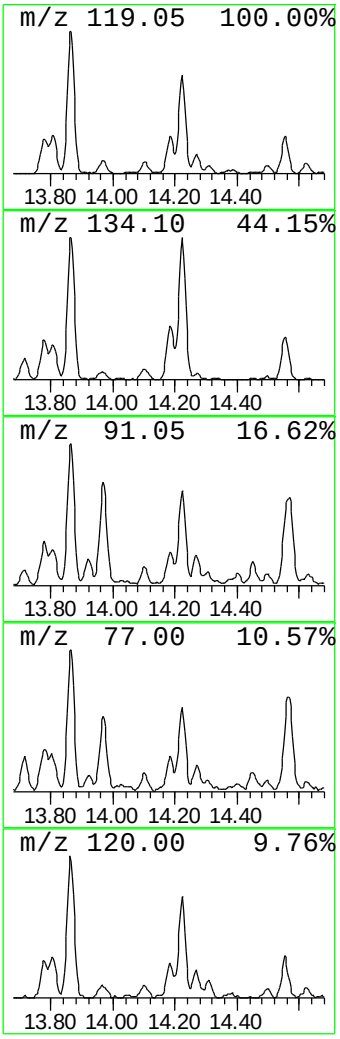
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	6.60 ug/l	232055	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

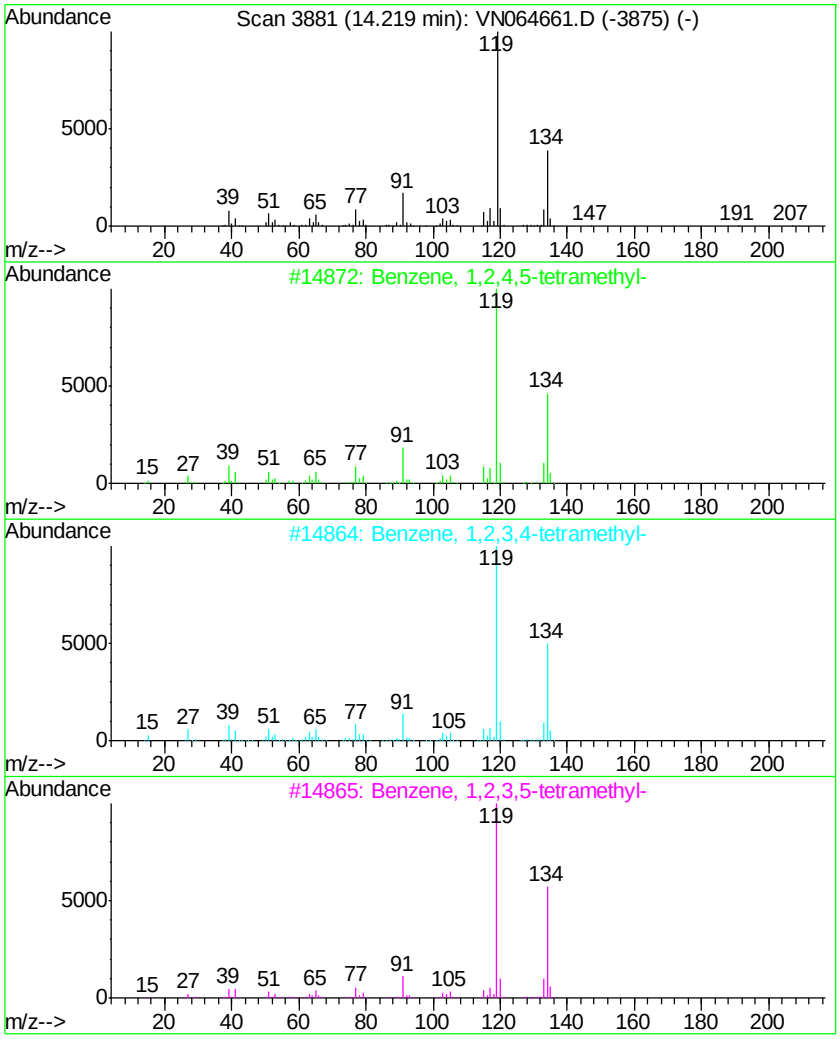
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

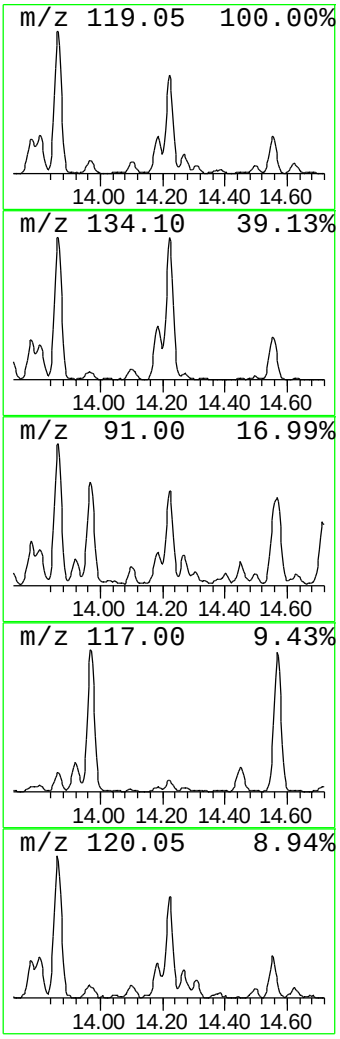
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	14.38 ug/l	505853	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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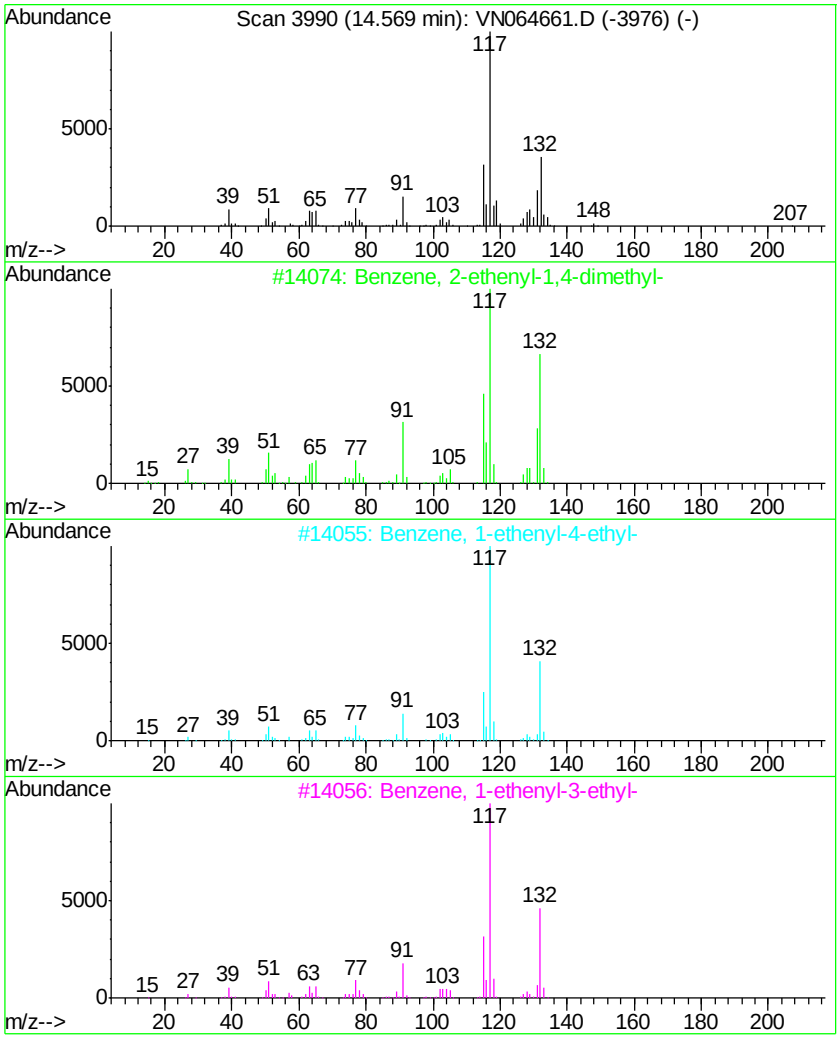
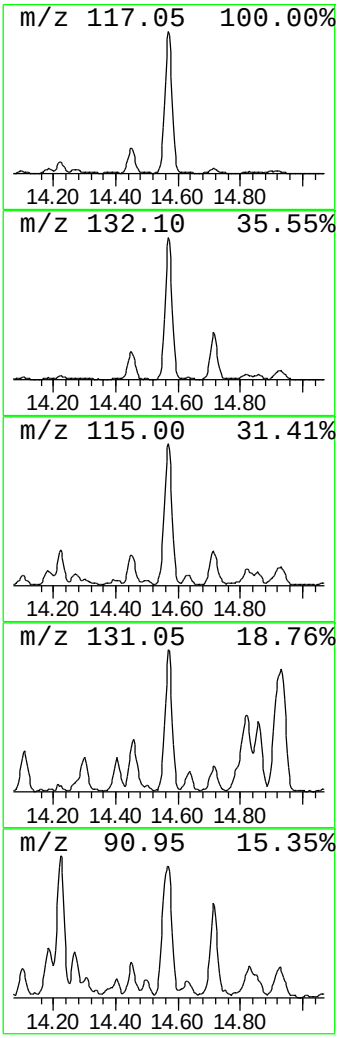
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	27.58 ug/l	970494	1,4-Dichlorobenzene-d4	13.32

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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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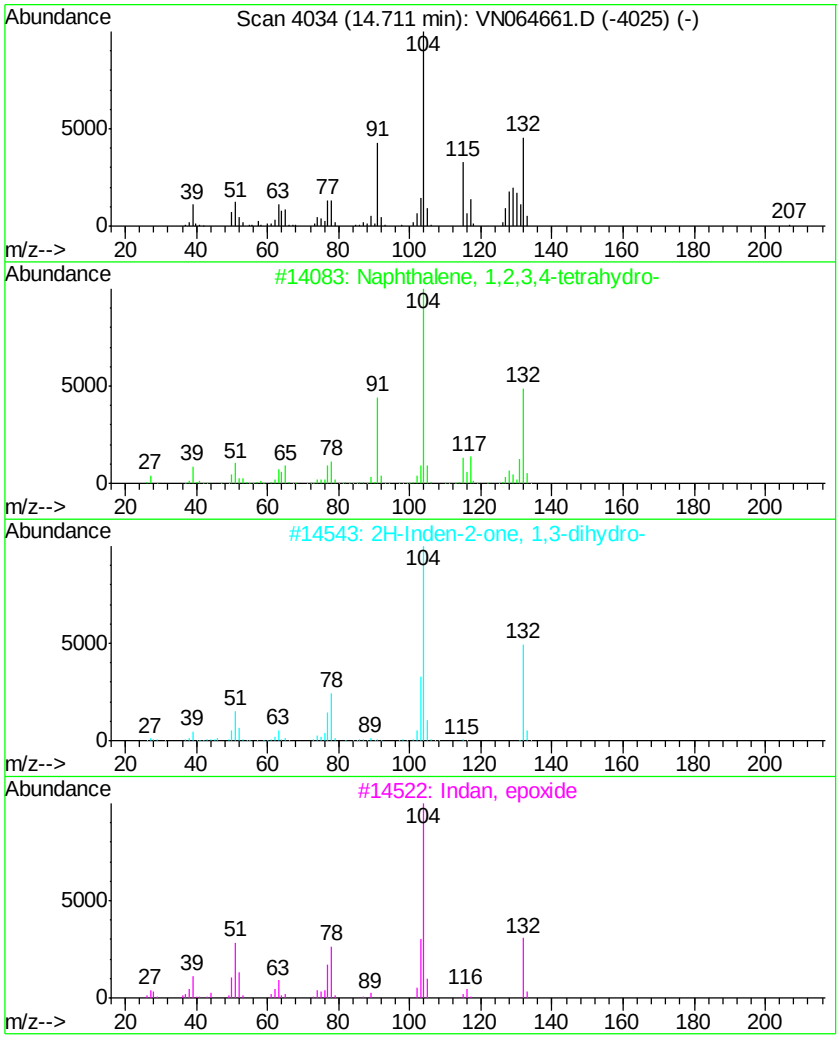
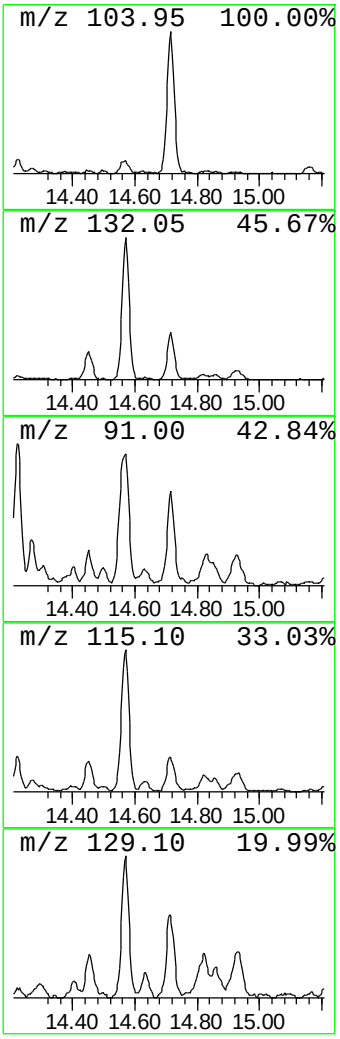
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.52 ug/l	264510	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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

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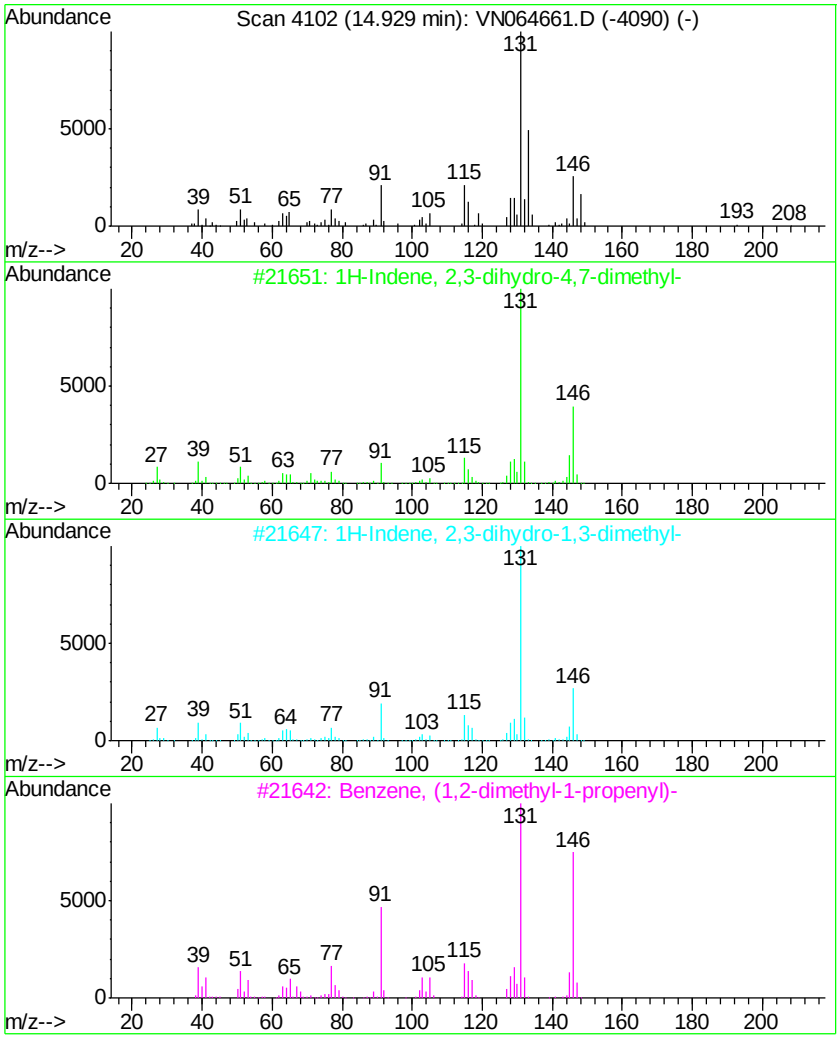
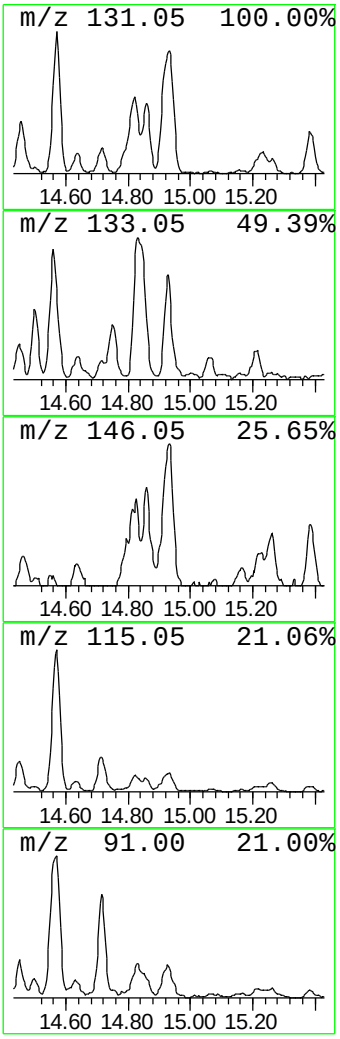
Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.35 ug/l	223315	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064661.D
Acq On : 16 Nov 2020 15:00
Operator : JC/MD
Sample : L4774-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

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, 1-ethyl-...	12.63	10.1	ug/l	354834	4	13.32	1759280	50.0
Benzene, 1-ethyl-...	12.87	29.9	ug/l	1053040	4	13.32	1759280	50.0
Benzene, 1,2-diet...	13.49	14.6	ug/l	514407	4	13.32	1759280	50.0
Benzene, 2-ethyl-...	13.86	21.2	ug/l	744906	4	13.32	1759280	50.0
Benzene, 1-etheny...	13.97	20.2	ug/l	711299	4	13.32	1759280	50.0
Benzene, 1,2,3,4-...	14.18	6.6	ug/l	232055	4	13.32	1759280	50.0
Benzene, 1,2,4,5-...	14.22	14.4	ug/l	505853	4	13.32	1759280	50.0
Benzene, 2-etheny...	14.57	27.6	ug/l	970494	4	13.32	1759280	50.0
Naphthalene, 1,2,...	14.71	7.5	ug/l	264510	4	13.32	1759280	50.0
1H-Indene, 2,3-di...	14.93	6.3	ug/l	223315	4	13.32	1759280	50.0