LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

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\82N012521W.M
Title : SW846 8260

Signal : TIC: VN065627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.296	165	173	184	rVB	14214	22705	1.20%	0.130%
2	3.258	455	472	497	rBV	256545	716003	37.70%	4.091%
3	3.782	621	635	657	rVB	46148	118148	6.22%	0.675%
4	6.798	1556	1573	1596	rBV4	8522	26899	1.42%	0.154%
5	7.550	1789	1807	1818	rBV	128197	323383	17.03%	1.848%
6	7.624	1818	1830	1854	rVB	257698	616889	32.48%	3.525%
7	7.987	1926	1943	1970	rBV	165347	392331	20.66%	2.242%
8	8.547	2099	2117	2136	rBV	393782	827440	43.56%	4.728%
9	10.058	2570	2587	2599	rBV	626928	1163307	61.25%	6.647%
10	10.122	2599	2607	2620	rVB	109253	196410	10.34%	1.122%
11	11.376	2979	2997	3018	rBV	526512	936845	49.32%	5.353%
12	11.479	3018	3029	3046	rVB	107017	183530	9.66%	1.049%
13	11.589	3047	3063	3088	rVV	1008763	1899409	100.00%	10.853%
14	11.917	3148	3165	3185	rBV	957955	1617536	85.16%	9.242%
15	12.373	3290	3307	3329	rBV	389585	672887	35.43%	3.845%
16	12.627	3374	3386	3393	rBV	355503	607466	31.98%	3.471%
17	12.701	3402	3409	3422	rVB	212039	343219	18.07%	1.961%
18	12.862	3443	3459	3474	rBV	227420	371867	19.58%	2.125%
19	13.010	3491	3505	3530	rVB	713155	1133055	59.65%	6.474%
20	13.203	3557	3565	3575	rBV2	15086	23001	1.21%	0.131%
21	13.315	3587	3600	3604	rBV	462344	762799	40.16%	4.358%
22	13.425	3625	3634	3643	rBV2	17614	30325	1.60%	0.173%
23	13.511	3643	3661	3669	rVV	353851	642638	33.83%	3.672%
24	13.553	3670	3674	3691	rVB2	107705	154825	8.15%	0.885%
25	13.711	3711	3723	3732	rBV	30232	49318	2.60%	0.282%
26	13.772	3732	3742	3747	rBV	77425	125734	6.62%	0.718%
27	13.801	3747	3751	3760	rVV	70961	100474	5.29%	0.574%
28	13.859	3760	3769	3779	rVV	139456	209983	11.06%	1.200%
29	13.916	3779	3787	3793	rVV2	27520	42853	2.26%	0.245%
30	13.965	3793	3802	3813	rVB2	117928	192948	10.16%	1.102%
31	14.097	3833	3843	3854	rBV	55527	86773	4.57%	0.496%
32	14.180	3858	3869	3874	rVV	114084	177962	9.37%	1.017%
33	14.219	3874	3881	3890	rVV	173576	273139	14.38%	1.561%
34	14.264	3890	3895	3902	rVV2	19478	27913	1.47%	0.159%
35	14.402	3923	3938	3942	rBV4	12302	22548	1.19%	0.129%
36	14.444	3942	3951	3961	rVV	144263	229164	12.07%	1.309%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

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\82N012521W.M
Title : SW846 8260

37	14.495	3961	3967	3974	rVB2	19269	25757	1.36%	0.147%
38	14.563	3974	3988	3999	rBV3	319253	627801	33.05%	3.587%
39	14.621	3999	4006	4018	rVB4	24302	42524	2.24%	0.243%
40	14.711	4022	4034	4043	rBV	80601	133955	7.05%	0.765%
41	14.820	4050	4068	4074	rBV3	67417	153287	8.07%	0.876%
42	14.926	4089	4101	4115	rVB3	67245	144414	7.60%	0.825%
43	15.100	4135	4155	4166	rBV	217507	398580	20.98%	2.277%
44	15.154	4166	4172	4179	rVV2	14673	24021	1.26%	0.137%
45	15.209	4180	4189	4196	rVV4	25452	49654	2.61%	0.284%
46	15.254	4198	4203	4214	rVB2	22940	37760	1.99%	0.216%
47	15.379	4232	4242	4260	rBV	45791	81586	4.30%	0.466%
48	15.540	4274	4292	4297	rBV4	36064	82442	4.34%	0.471%
49	15.659	4320	4329	4339	rVV2	19638	32132	1.69%	0.184%
50	15.730	4340	4351	4373	rVB3	28398	66154	3.48%	0.378%
51	15.868	4383	4394	4407	rBV4	24359	50756	2.67%	0.290%
52	16.058	4438	4453	4461	rBV6	13920	29768	1.57%	0.170%
53	16.116	4461	4471	4486	rVB	49543	97295	5.12%	0.556%
54	16.305	4513	4530	4543	rBV	45268	102210	5.38%	0.584%

Sum of corrected areas: 17501822

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
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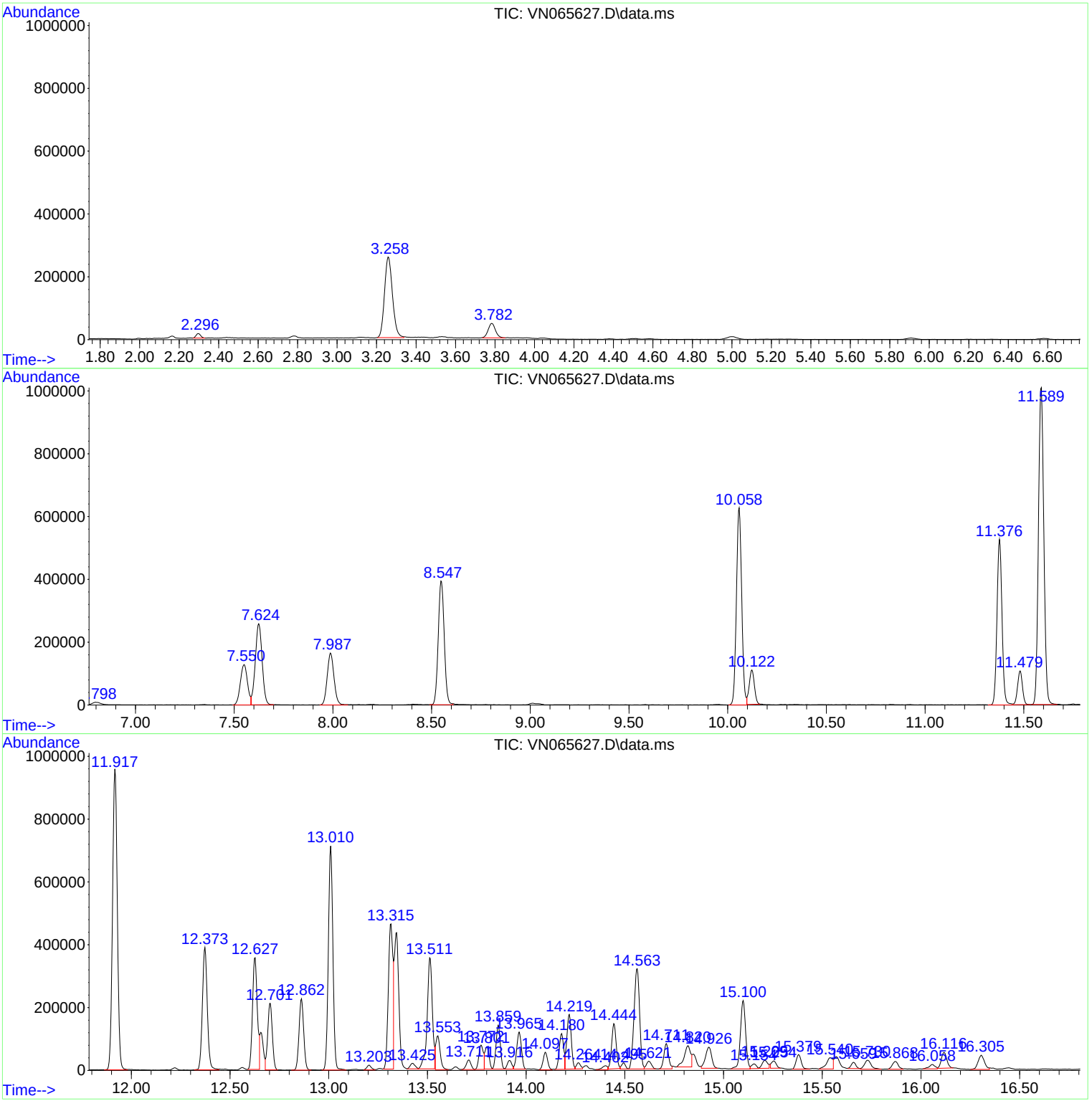
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

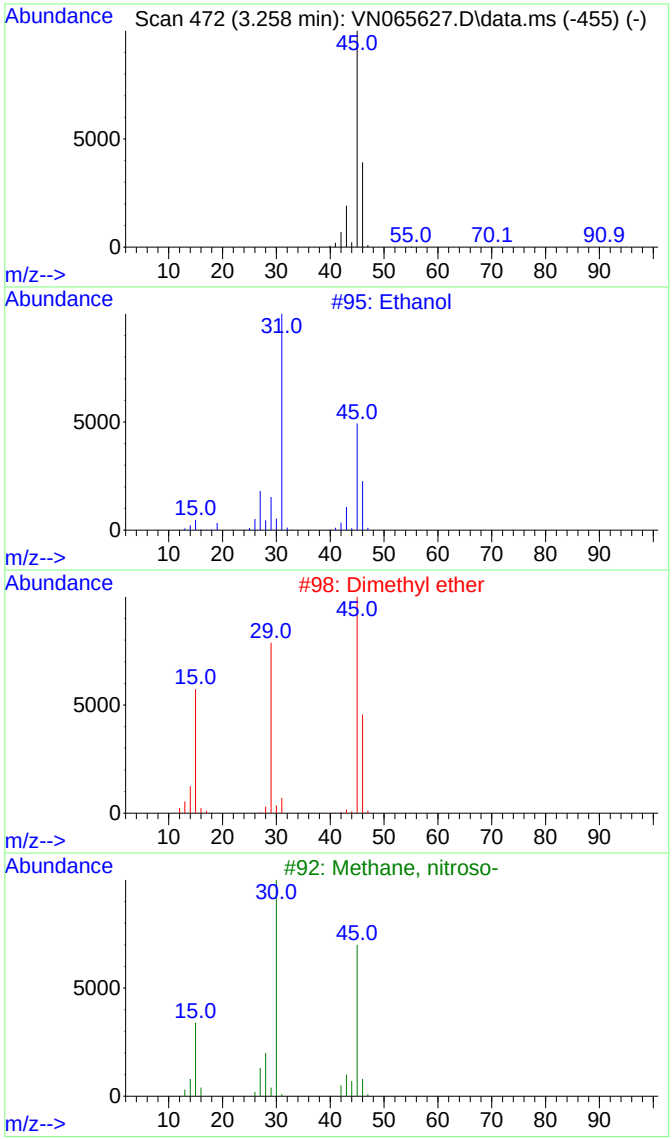
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

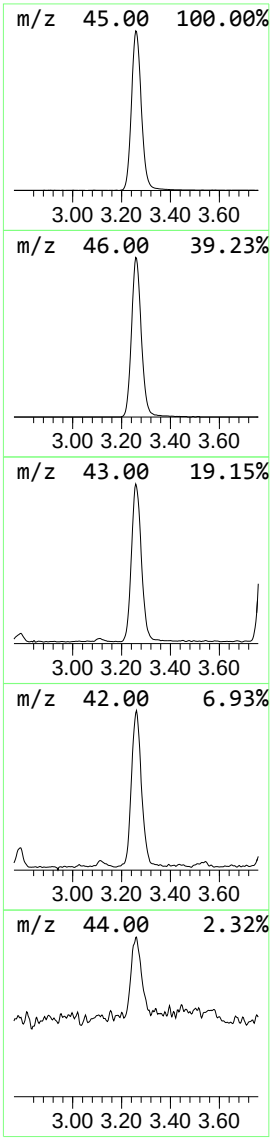
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.258	58.03 ug/l	716003	Pentafluorobenzene	7.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	L-Lactic acid	90	C3H6O3	000079-33-4	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

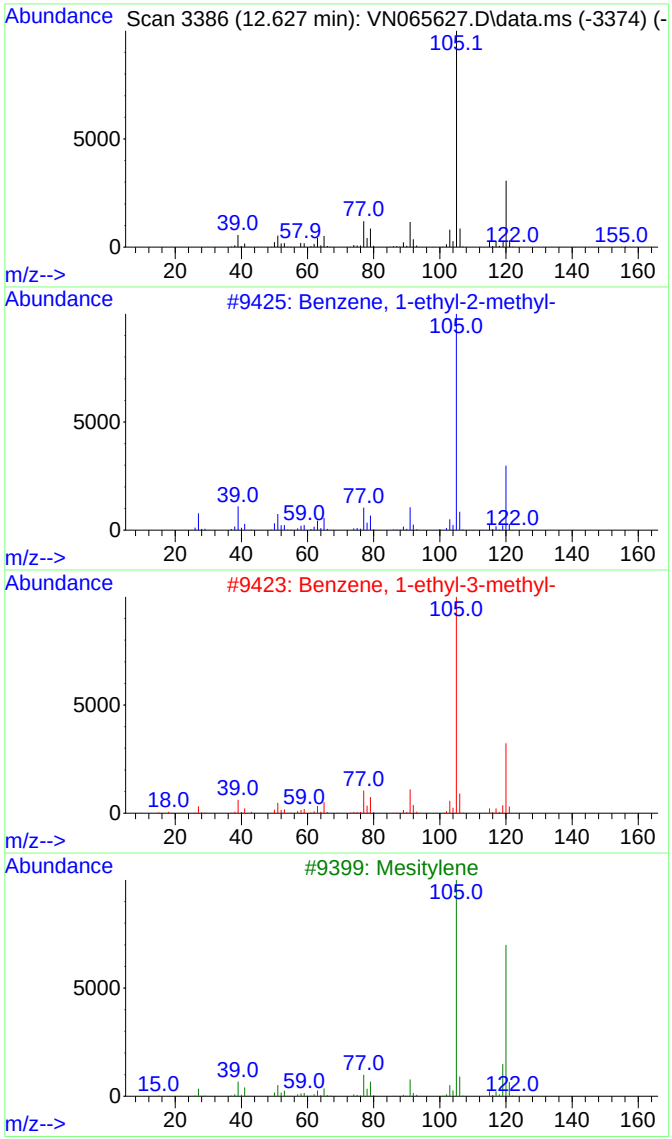
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

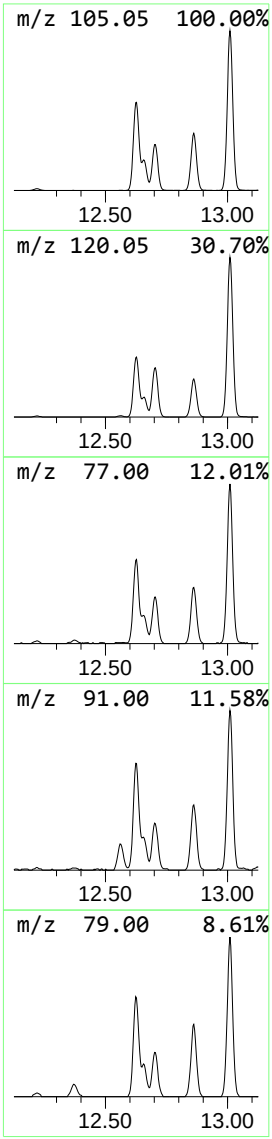
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	39.82 ug/l	607466	1,4-Dichlorobenzene-d4	13.312

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	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

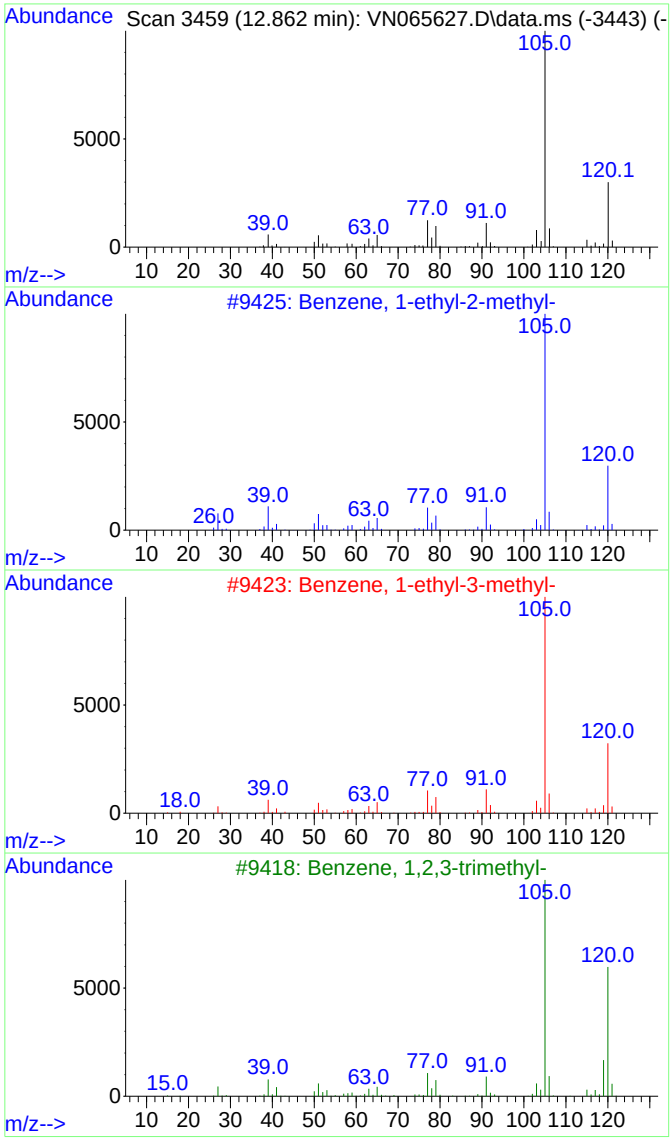
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

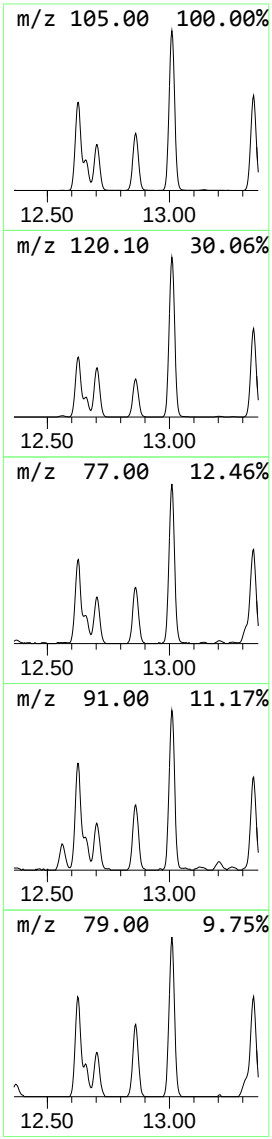
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	24.38 ug/l	371867	1,4-Dichlorobenzene-d4	13.312

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

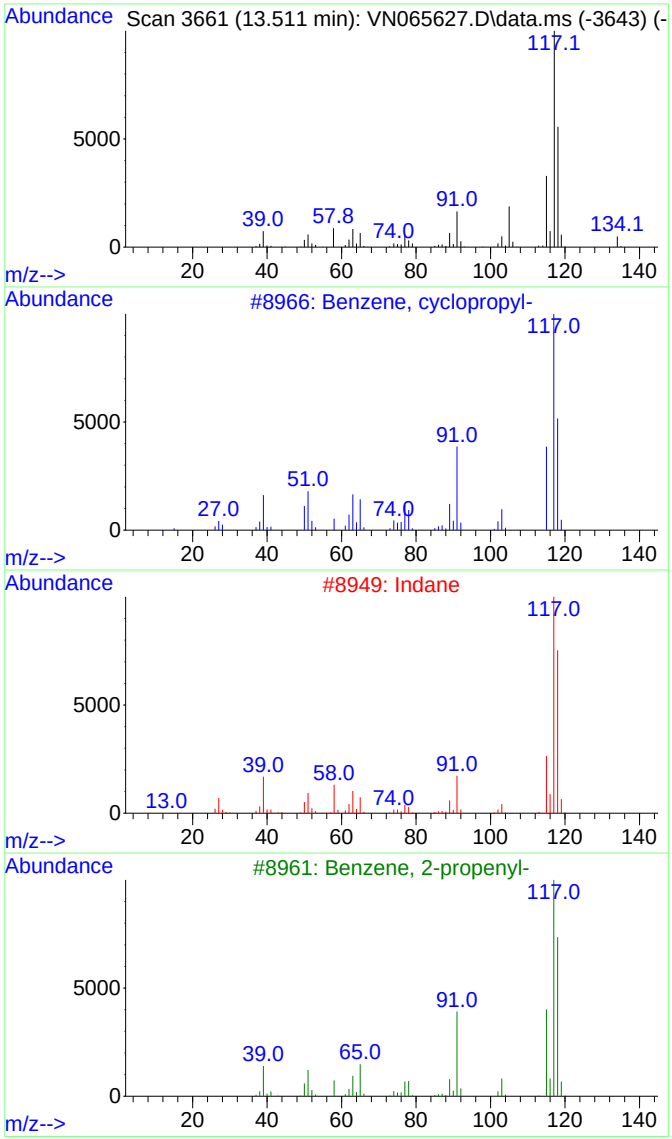
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

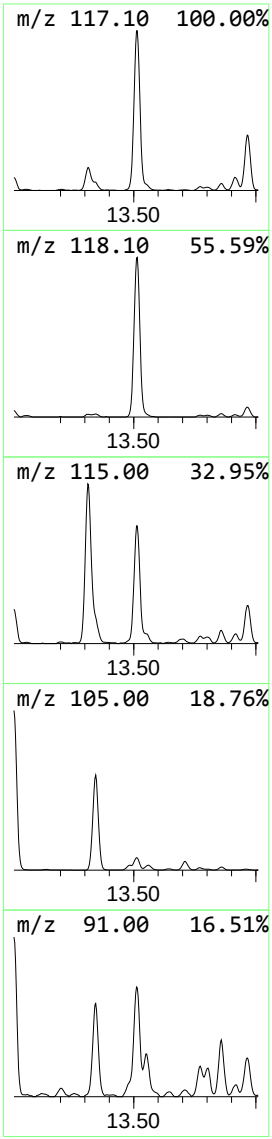
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.511	42.12 ug/l	642638	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
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Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

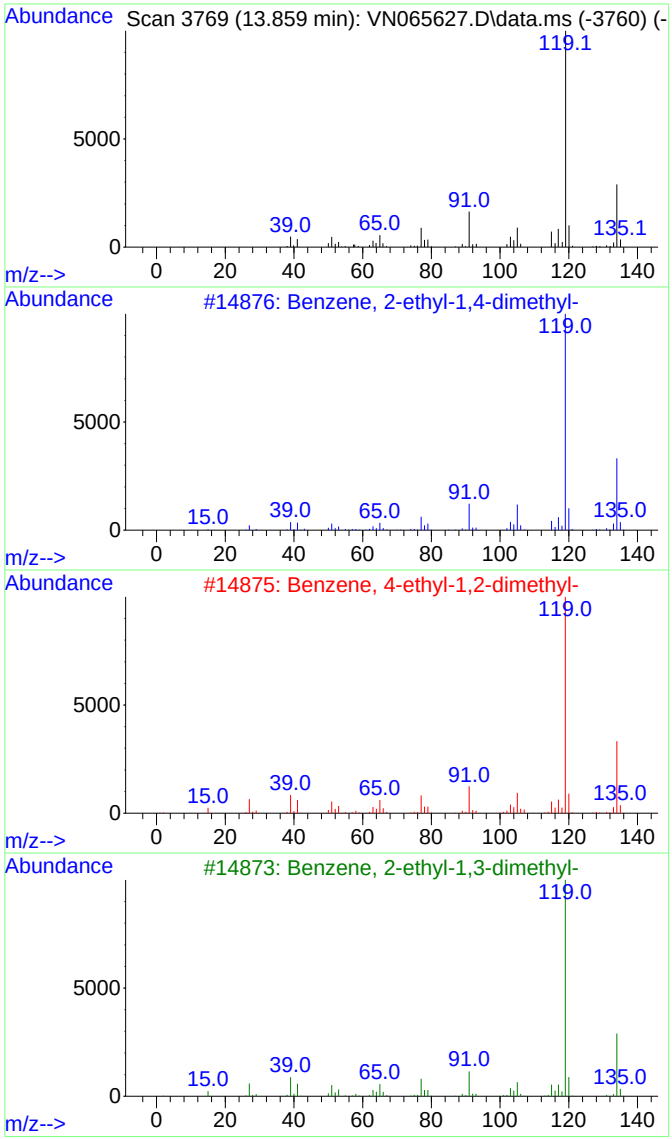
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

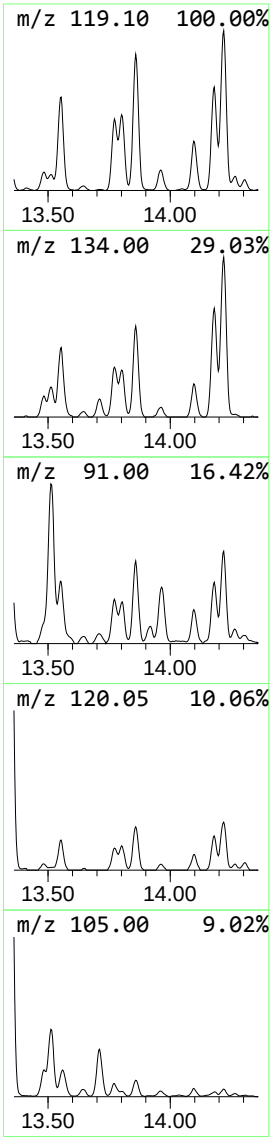
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.859	13.76 ug/l	209983	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
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Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

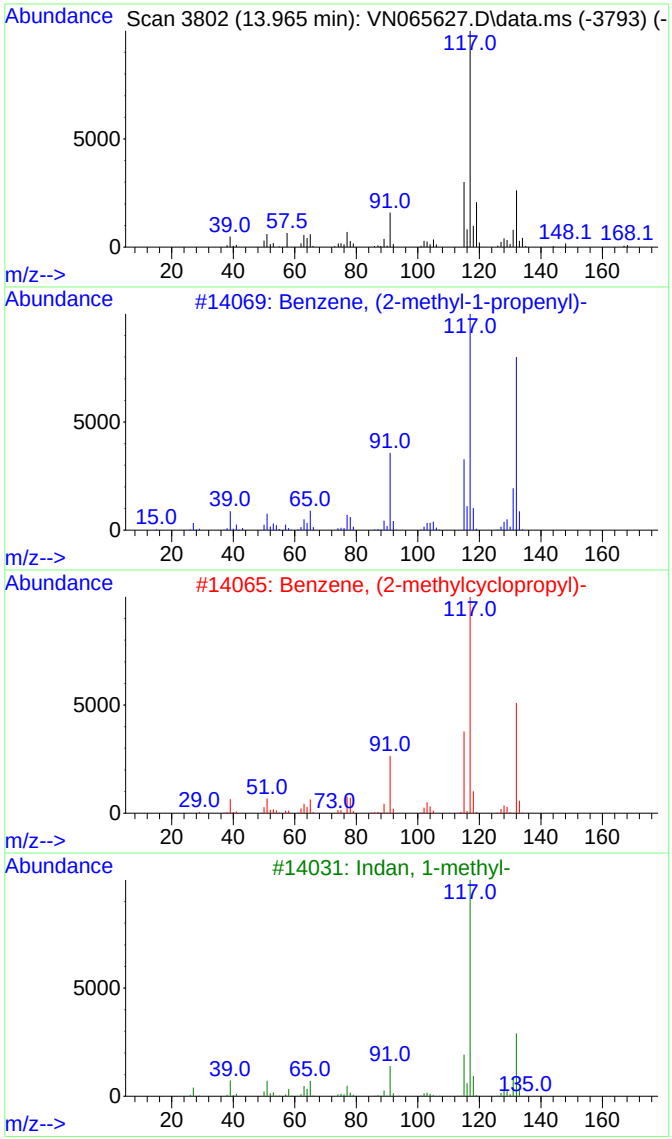
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

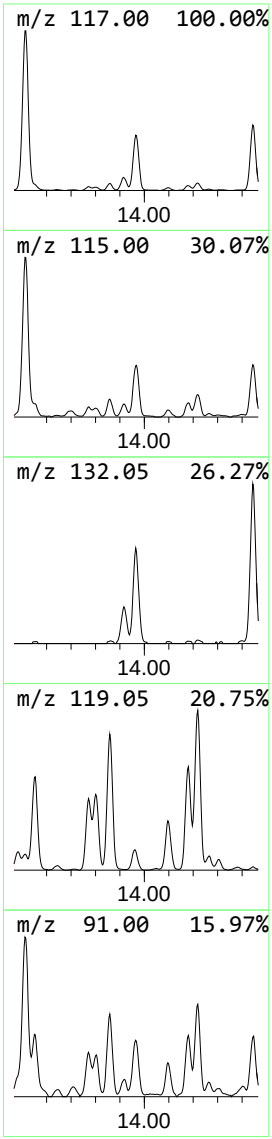
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	12.65 ug/l	192948	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
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Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

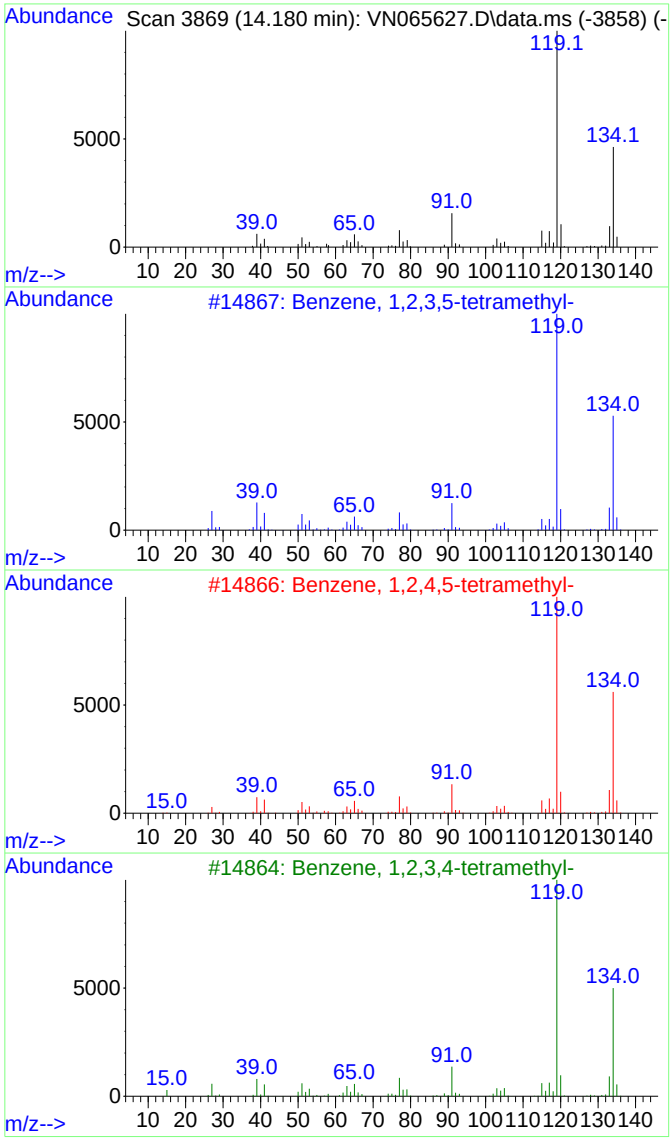
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

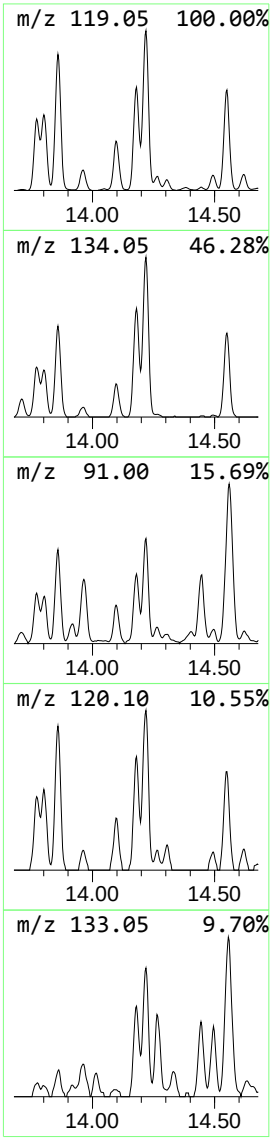
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	11.67 ug/l	177962	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

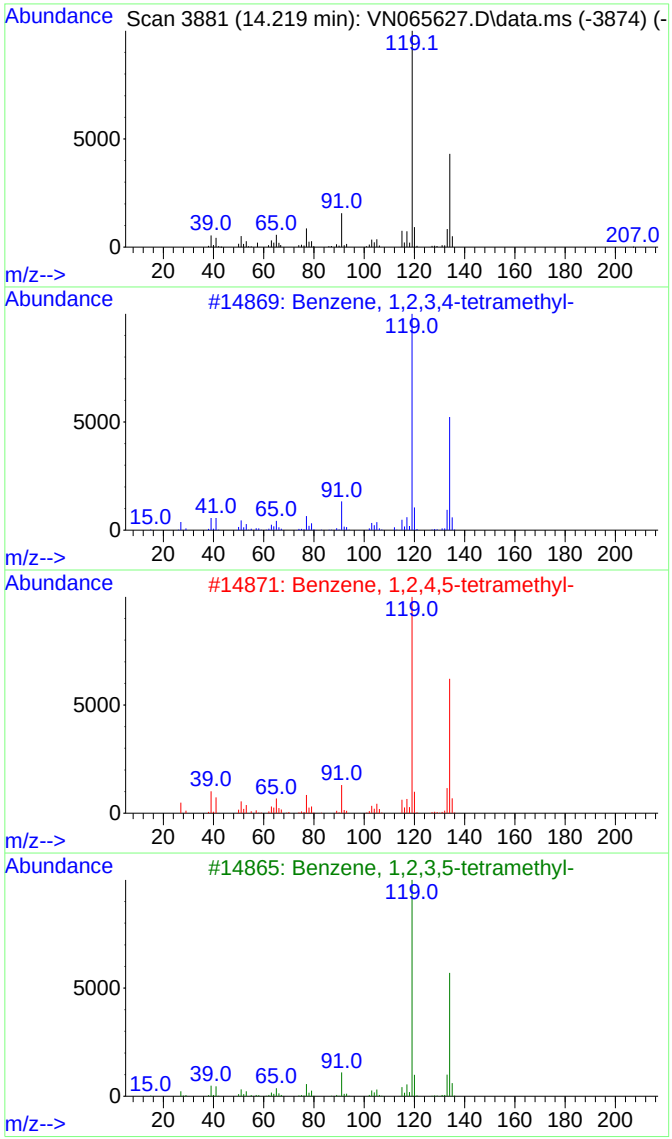
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

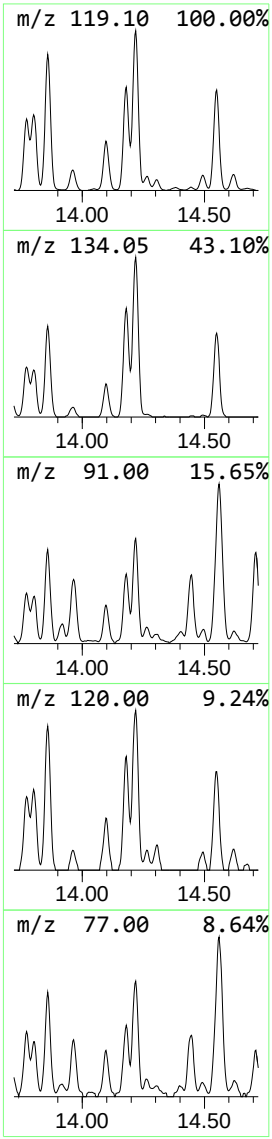
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.219	17.90 ug/l	273139	1,4-Dichlorobenzene-d4	13.312

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





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Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

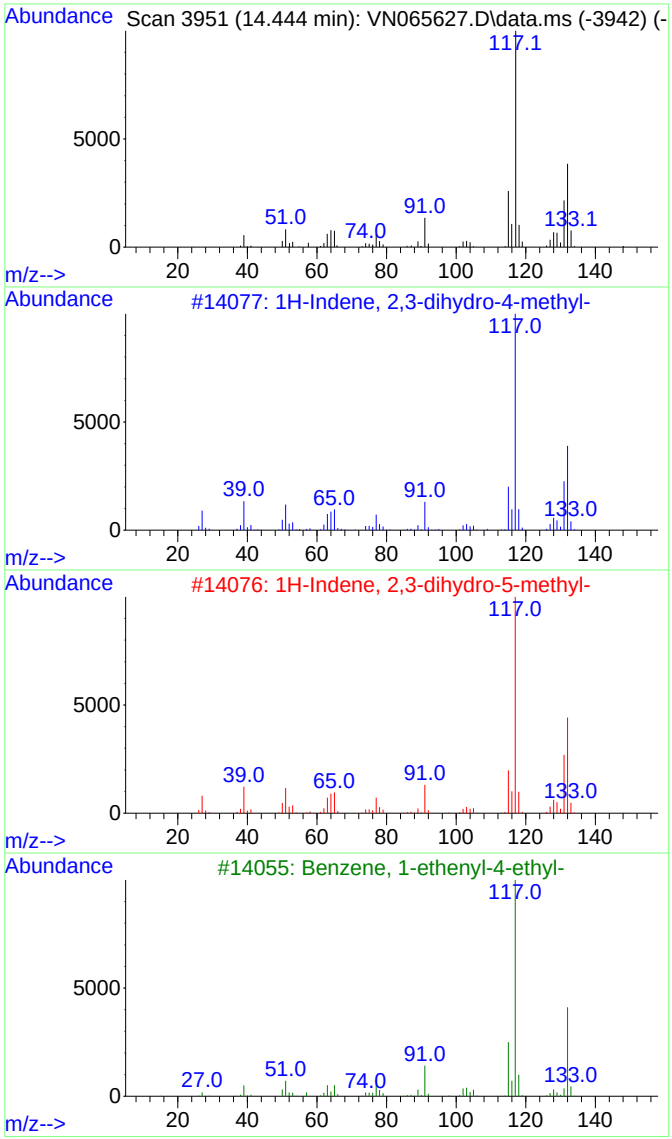
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

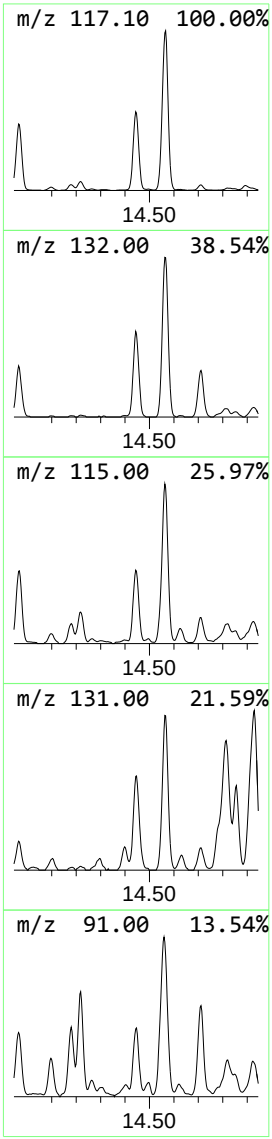
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.444	15.02 ug/l	229164	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

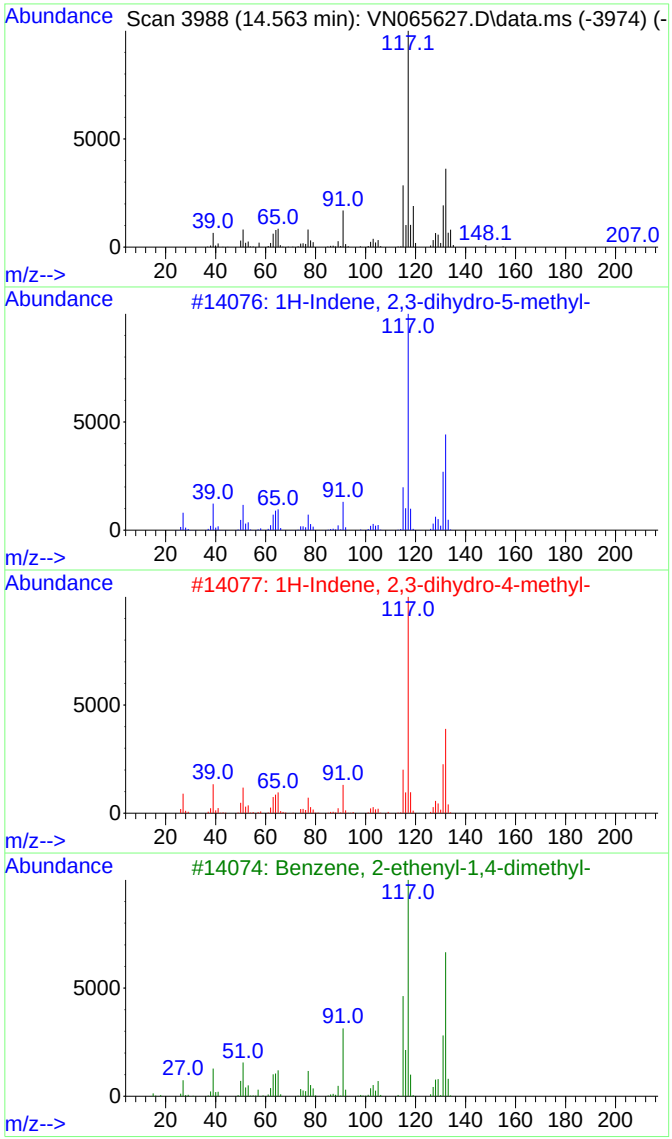
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260

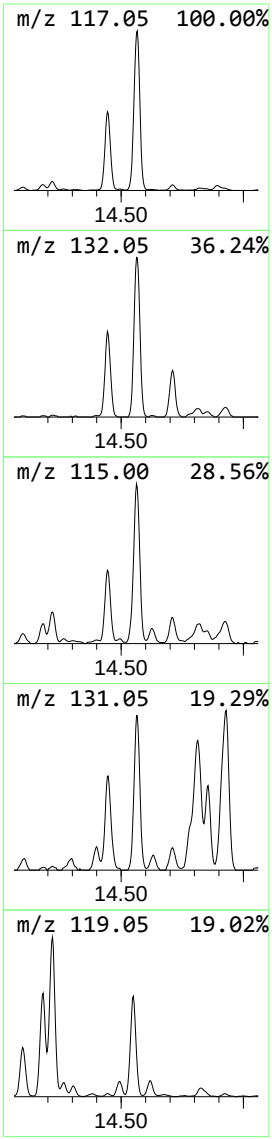
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	41.15 ug/l	627801	1,4-Dichlorobenzene-d4	13.312

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065627.D
Acq On : 27 Jan 2021 14:10
Operator : JC/MD
Sample : M1190-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.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
Ethanol	3.258	58.0	ug/l	716003	1	7.624	616889	50.0
Benzene, 1-ethy...	12.627	39.8	ug/l	607466	4	13.312	762799	50.0
Benzene, 1-ethy...	12.862	24.4	ug/l	371867	4	13.312	762799	50.0
Benzene, cyclop...	13.511	42.1	ug/l	642638	4	13.312	762799	50.0
Benzene, 2-ethy...	13.859	13.8	ug/l	209983	4	13.312	762799	50.0
Benzene, (2-met...	13.965	12.7	ug/l	192948	4	13.312	762799	50.0
Benzene, 1,2,3,...	14.180	11.7	ug/l	177962	4	13.312	762799	50.0
Benzene, 1,2,3,...	14.219	17.9	ug/l	273139	4	13.312	762799	50.0
1H-Indene, 2,3-...	14.444	15.0	ug/l	229164	4	13.312	762799	50.0
1H-Indene, 2,3-...	14.563	41.2	ug/l	627801	4	13.312	762799	50.0