LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

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\82N120221W.M
Title : SW846 8260

Signal : TIC: VN070238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.019	2223	2248	2258	rBV	902699	2227726	10.36%	0.745%
2	8.080	2259	2271	2292	rVB	1685026	3912092	18.20%	1.309%
3	8.287	2330	2348	2363	rBV	118946	274884	1.28%	0.092%
4	8.432	2382	2402	2430	rBV	1136387	2604246	12.11%	0.871%
5	8.963	2579	2600	2635	rBV	2832081	6042816	28.11%	2.022%
6	9.453	2749	2783	2795	rBV3	363375	1002898	4.66%	0.336%
7	9.727	2864	2885	2903	rVB3	152103	340582	1.58%	0.114%
8	9.869	2911	2938	2958	rBV4	213443	477162	2.22%	0.160%
9	10.073	3002	3014	3044	rVB3	396757	1004045	4.67%	0.336%
10	10.210	3045	3065	3094	rBV6	364416	1038683	4.83%	0.348%
11	10.438	3132	3150	3183	rBV2	5552620	11555118	53.74%	3.866%
12	10.561	3185	3196	3202	rVV	219479	380703	1.77%	0.127%
13	10.615	3203	3216	3237	rVB8	474771	1369634	6.37%	0.458%
14	10.735	3243	3261	3266	rBV6	132386	267415	1.24%	0.089%
15	10.778	3266	3277	3293	rVB	756808	1400047	6.51%	0.468%
16	10.872	3294	3312	3326	rBV5	557990	1329803	6.18%	0.445%
17	10.961	3336	3345	3357	rVB2	348631	588097	2.74%	0.197%
18	11.049	3358	3378	3391	rBV	905700	1646609	7.66%	0.551%
19	11.151	3392	3416	3432	rBV	536233	1439625	6.70%	0.482%
20	11.221	3433	3442	3449	rBV3	397758	634284	2.95%	0.212%
21	11.291	3460	3468	3476	rVB	820819	1127662	5.24%	0.377%
22	11.344	3477	3488	3501	rVB	2821726	4976663	23.15%	1.665%
23	11.398	3502	3508	3516	rVB3	221342	266591	1.24%	0.089%
24	11.452	3516	3528	3538	rBV5	1164477	1955268	9.09%	0.654%
25	11.548	3555	3564	3581	rVB2	972729	1802798	8.38%	0.603%
26	11.623	3581	3592	3603	rBV2	972379	1656340	7.70%	0.554%
27	11.744	3624	3637	3660	rBV	4801064	8671274	40.33%	2.901%
28	11.838	3665	3672	3678	rBV3	211597	287181	1.34%	0.096%
29	11.878	3679	3687	3693	rBV2	562893	793194	3.69%	0.265%
30	11.924	3694	3704	3716	rVB5	981306	1987362	9.24%	0.665%
31	11.988	3717	3728	3735	rBV	1842711	3243891	15.09%	1.085%
32	12.087	3756	3765	3778	rBV6	328700	642556	2.99%	0.215%
33	12.251	3810	3826	3842	rBV5	2427525	6197862	28.83%	2.074%
34	12.366	3862	3869	3878	rVB	2429214	3428228	15.94%	1.147%
35	12.417	3879	3888	3891	rBV4	926384	1311580	6.10%	0.439%
36	12.455	3893	3902	3907	rBV2	1889861	3062823	14.25%	1.025%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
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Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

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\82N120221W.M
Title : SW846 8260

37	12.731	3993	4005	4019	rBV	4957947	8338263	38.78%	2.790%
38	12.814	4023	4036	4046	rBV6	1049587	2370237	11.02%	0.793%
39	12.897	4056	4067	4084	rVB4	5154635	11541553	53.68%	3.862%
40	12.972	4085	4095	4106	rBV7	1347351	2714784	12.63%	0.908%
41	13.053	4110	4125	4137	rBV8	3751472	9497098	44.17%	3.178%
42	13.195	4170	4178	4187	rBV5	1563261	2266140	10.54%	0.758%
43	13.380	4241	4247	4252	rBV5	768182	1011637	4.71%	0.338%
44	13.498	4284	4291	4301	rVB2	3321197	4860990	22.61%	1.626%
45	13.565	4303	4316	4326	rBV4	3961776	7789910	36.23%	2.606%
46	13.672	4346	4356	4376	rVB	5404217	9968374	46.36%	3.335%
47	13.873	4425	4431	4441	rVB	4244861	6348138	29.53%	2.124%
48	13.997	4466	4477	4488	rBV4	7812388	13416916	62.40%	4.489%
49	14.327	4590	4600	4613	rVB3	8525737	15659031	72.83%	5.239%
50	14.506	4657	4667	4673	rBV5	6337668	10437190	48.54%	3.492%
51	14.619	4700	4709	4717	rBV	3557462	5311966	24.71%	1.777%
52	14.670	4719	4728	4741	rVV3	4120645	8204037	38.16%	2.745%
53	14.817	4774	4783	4792	rBV4	2161619	4235978	19.70%	1.417%
54	14.930	4813	4825	4835	rBV	10234323	17718446	82.41%	5.928%
55	14.981	4836	4844	4858	rVB4	5749868	9968452	46.36%	3.335%
56	15.311	4955	4967	4980	rVB4	10189179	21500839	100.00%	7.194%
57	15.466	5018	5025	5045	rVB8	4420558	8749998	40.70%	2.928%
58	15.560	5051	5060	5067	rBV2	4483634	7673291	35.69%	2.567%
59	15.804	5139	5151	5166	rBV2	5723492	11919689	55.44%	3.988%
60	16.338	5337	5350	5369	rBV4	7326452	16427866	76.41%	5.497%

Sum of corrected areas: 298878565

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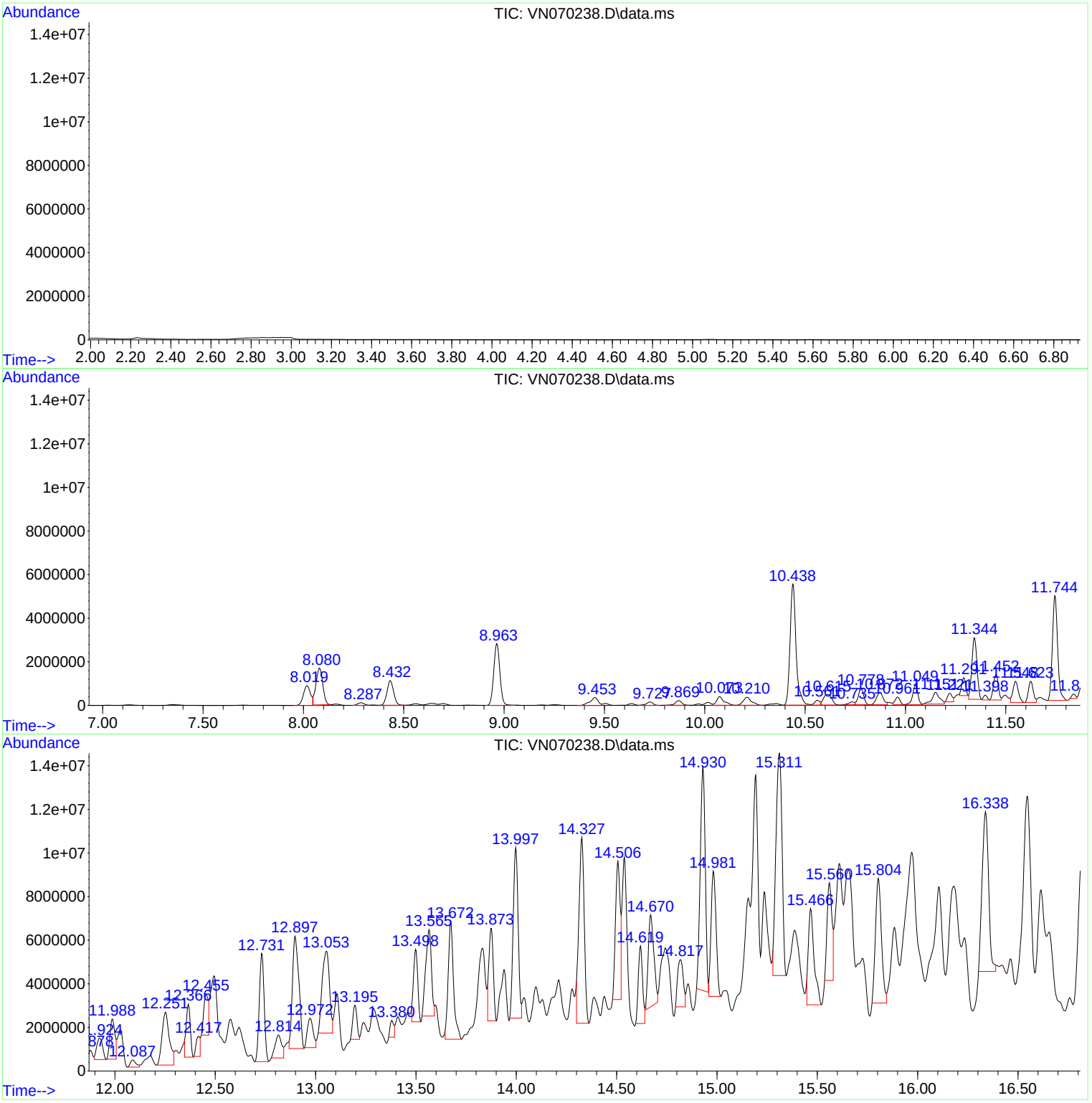
Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
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Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

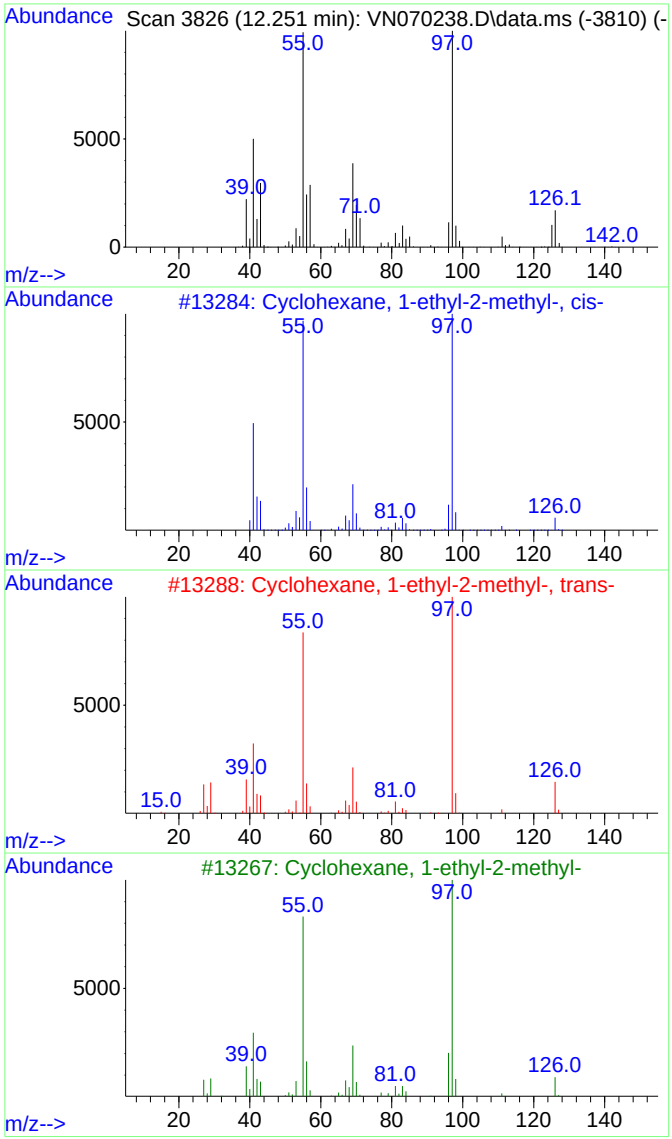
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

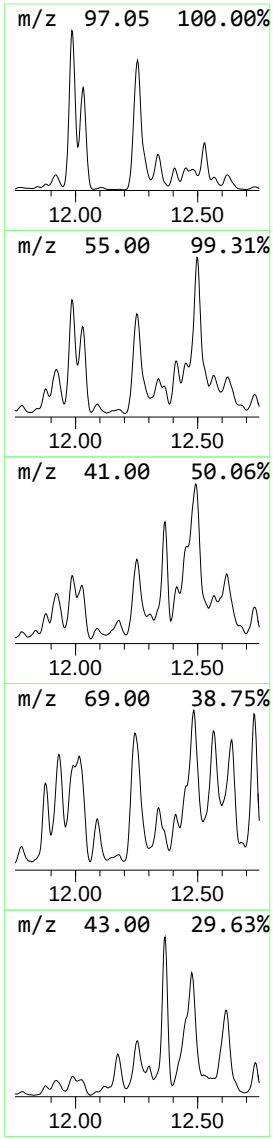
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	35.74 ug/l	6197860	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

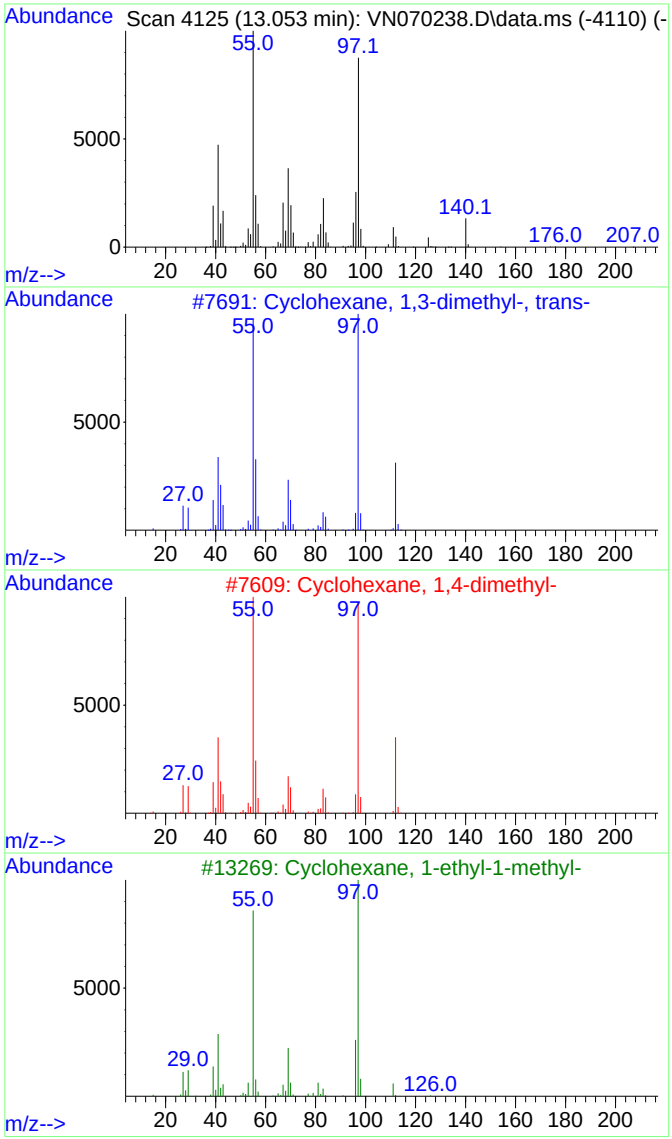
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

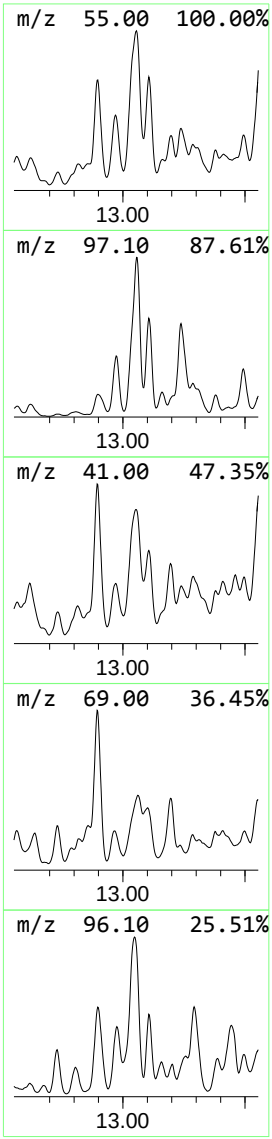
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.053	47.64 ug/l	9497100	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	52
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

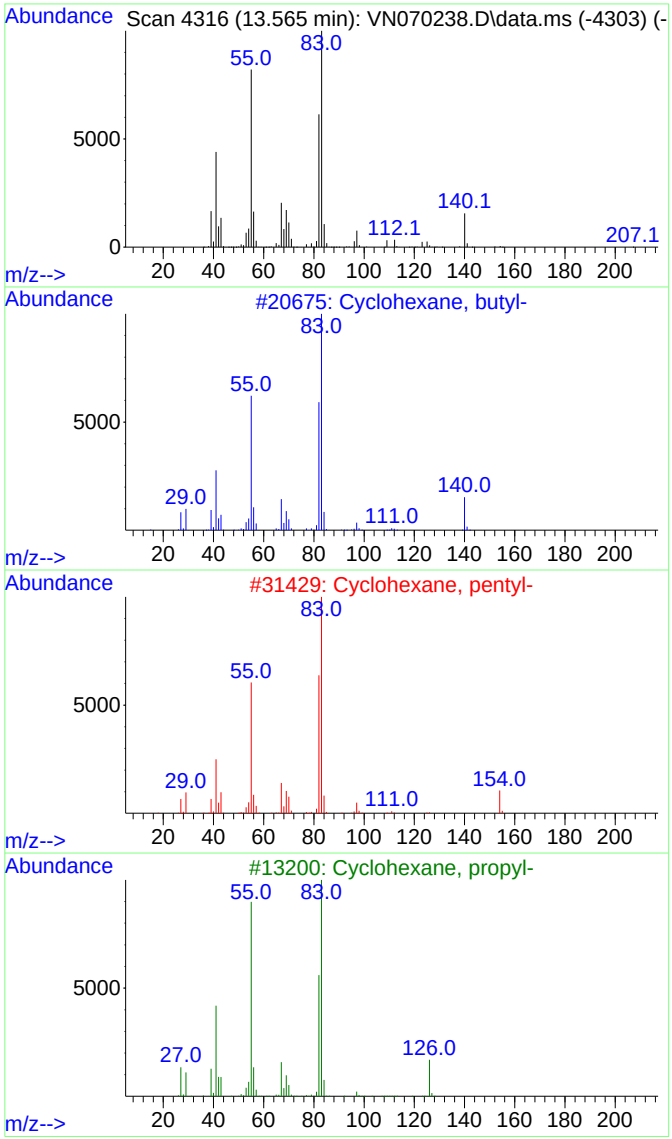
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

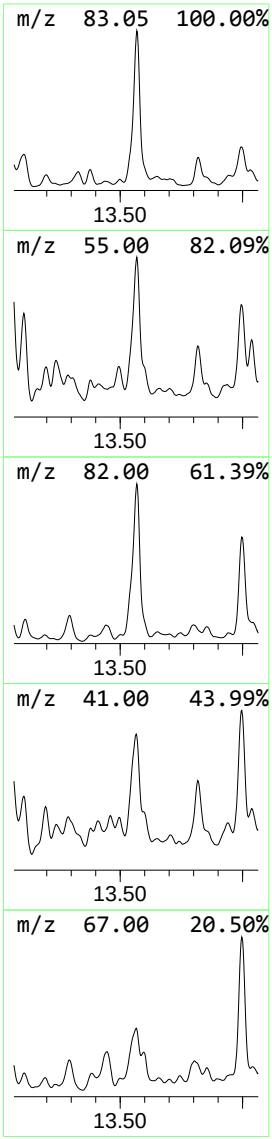
****

Peak Number 3 Cyclohexane, butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.565	39.07 ug/l	7789910	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

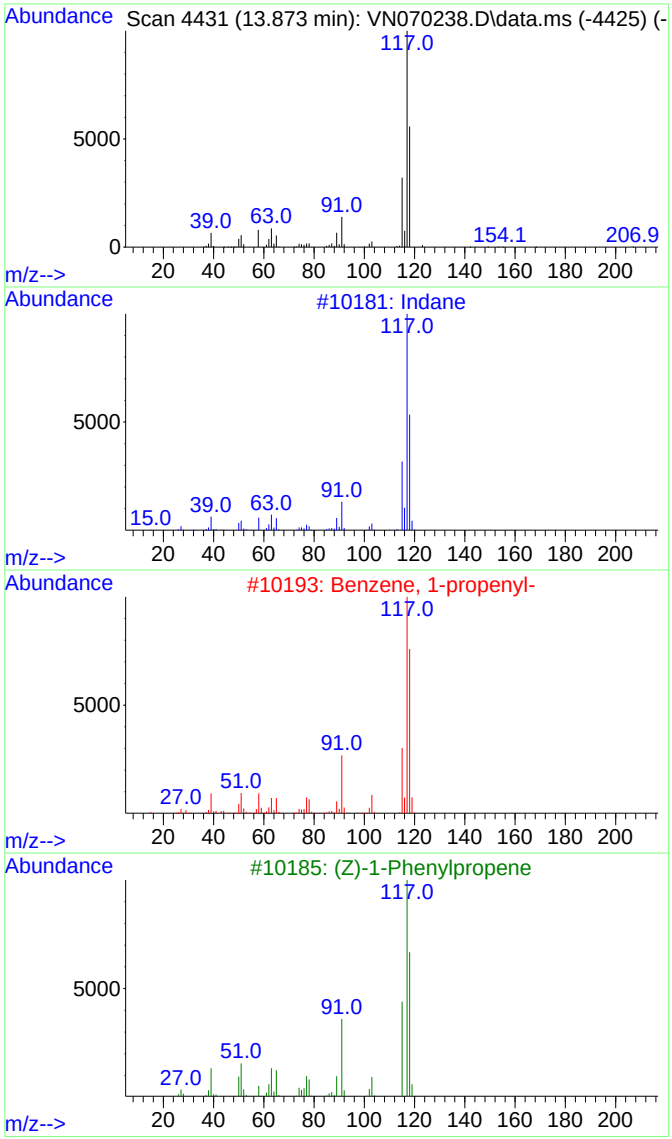
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

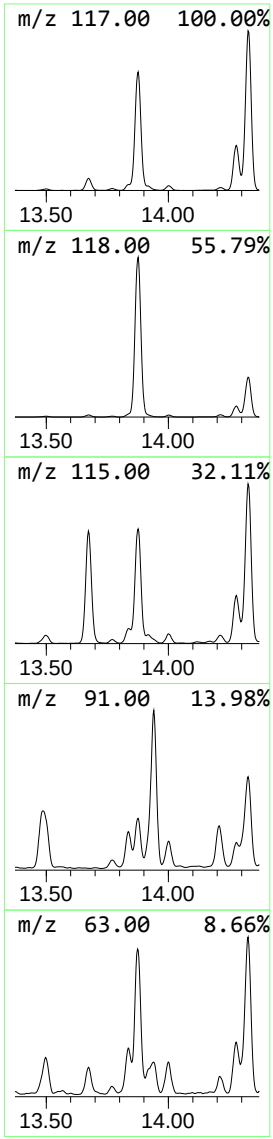
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	31.84 ug/l	6348140	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

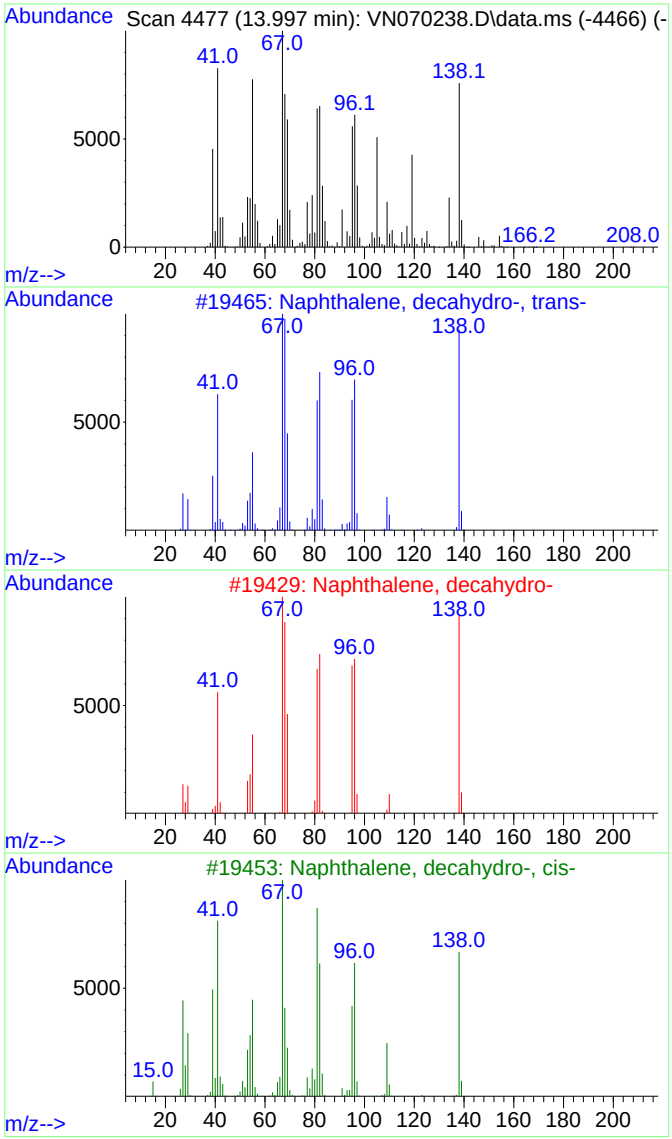
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

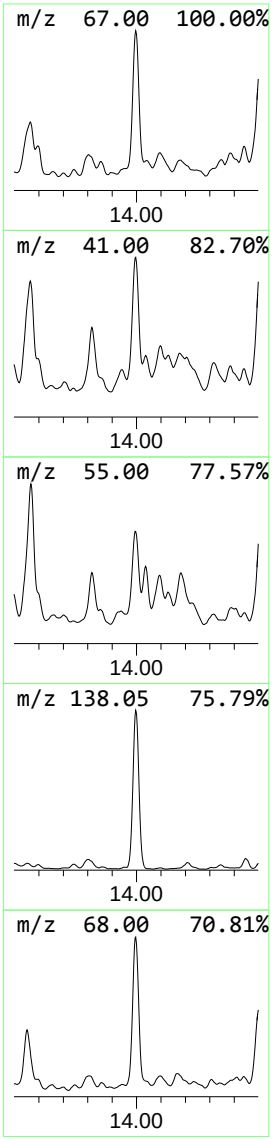
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.997	67.30 ug/l	13416900	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
4	Spiro[4.5]decane	138	C10H18	000176-63-6	70
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70





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Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

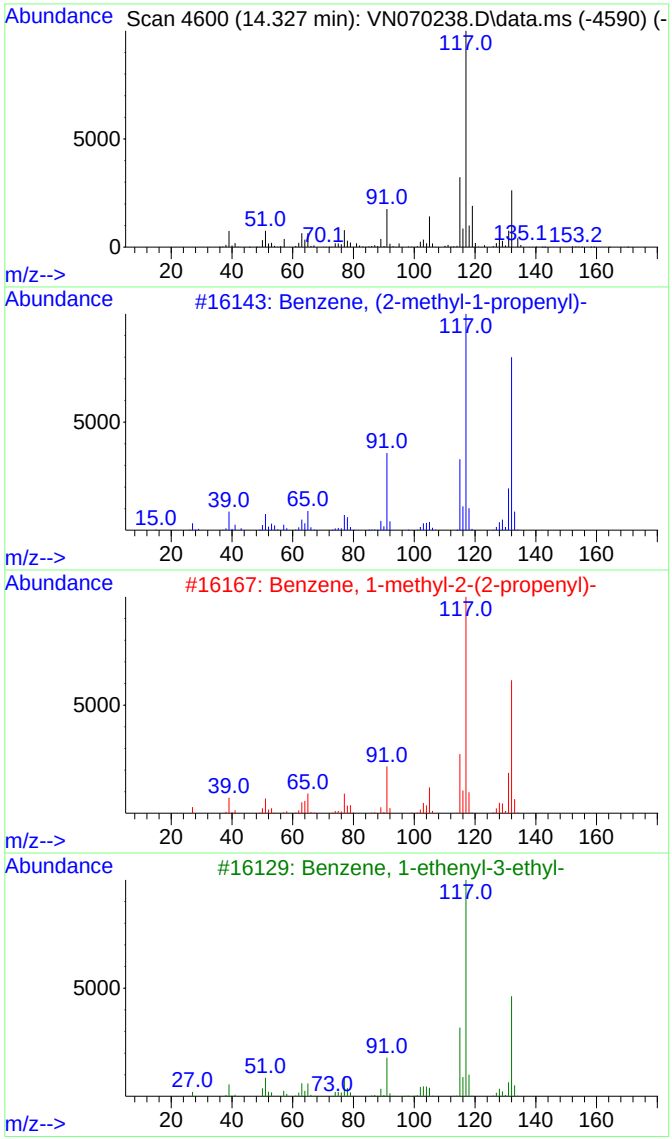
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

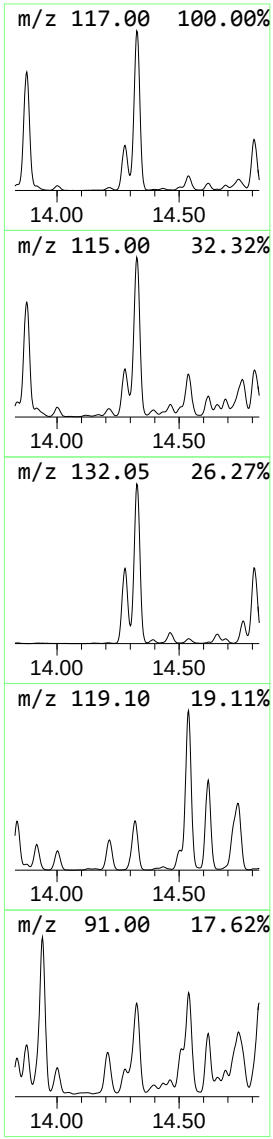
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	78.54 ug/l	15659000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	70
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

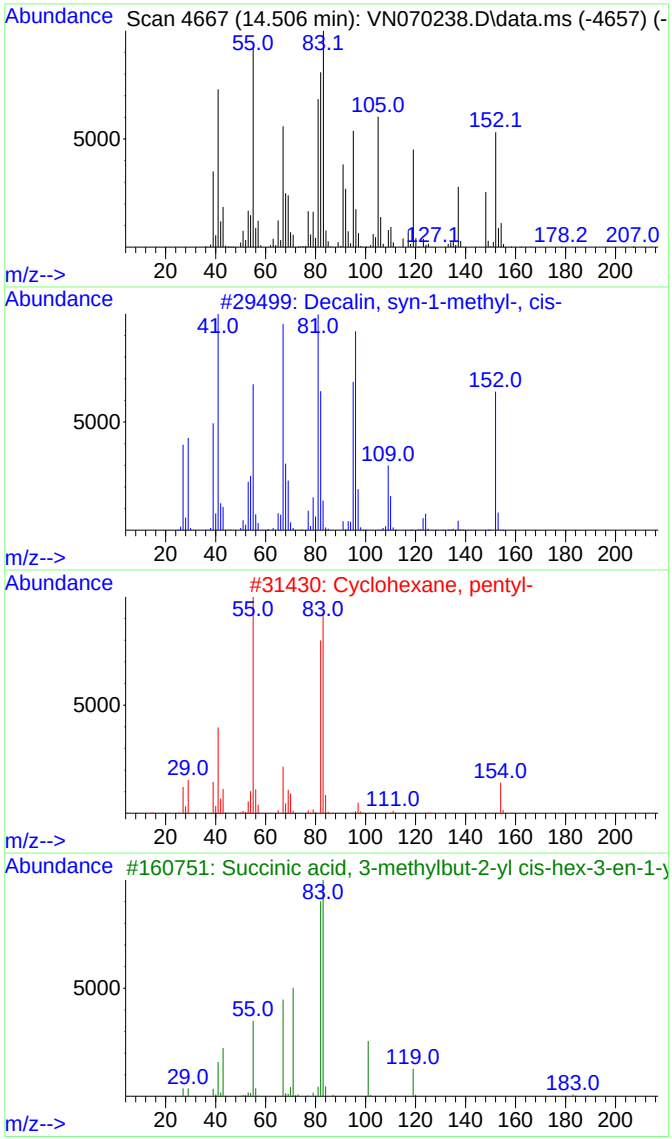
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

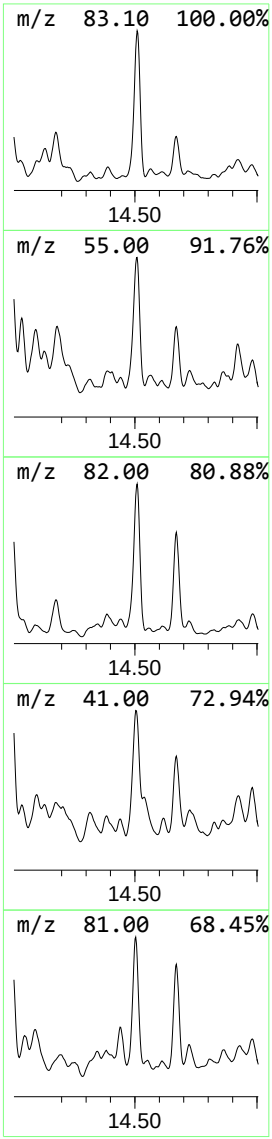
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Decalin, syn-1-methyl-, cis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.506	52.35 ug/l	10437200	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	52
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3	Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
5	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	35





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Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

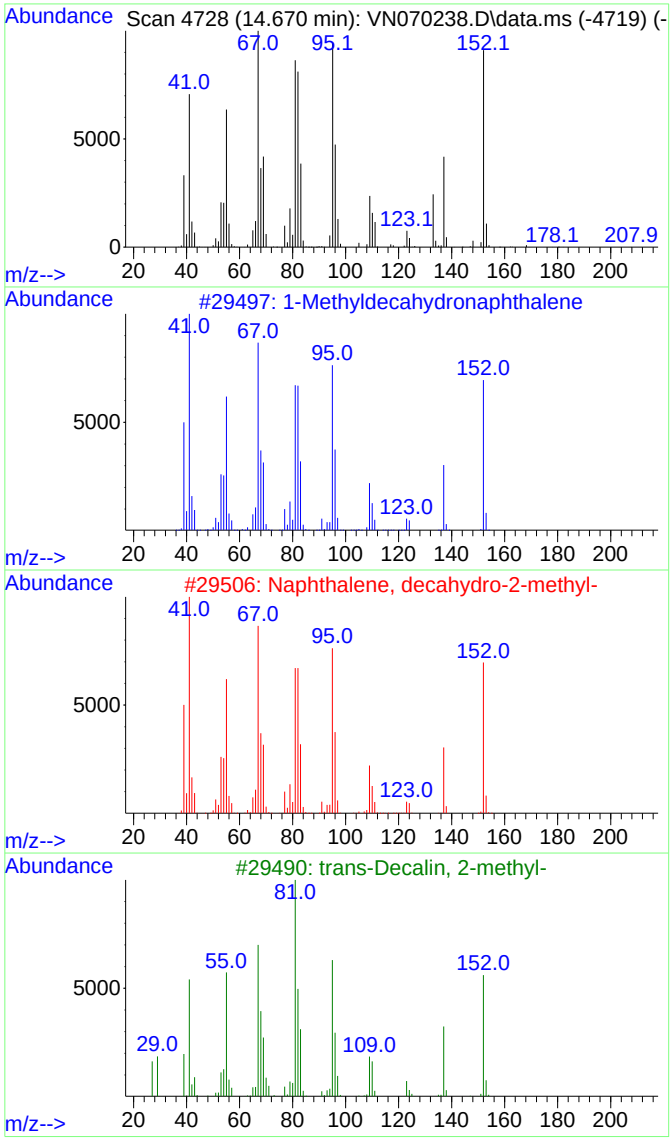
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

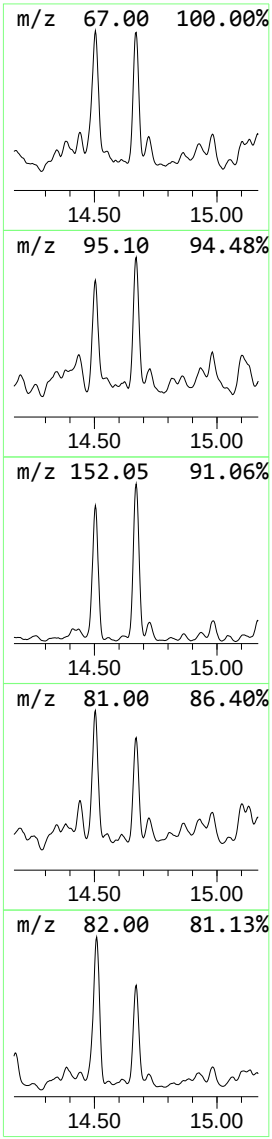
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Methyldecahydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	41.15 ug/l	8204040	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60





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Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

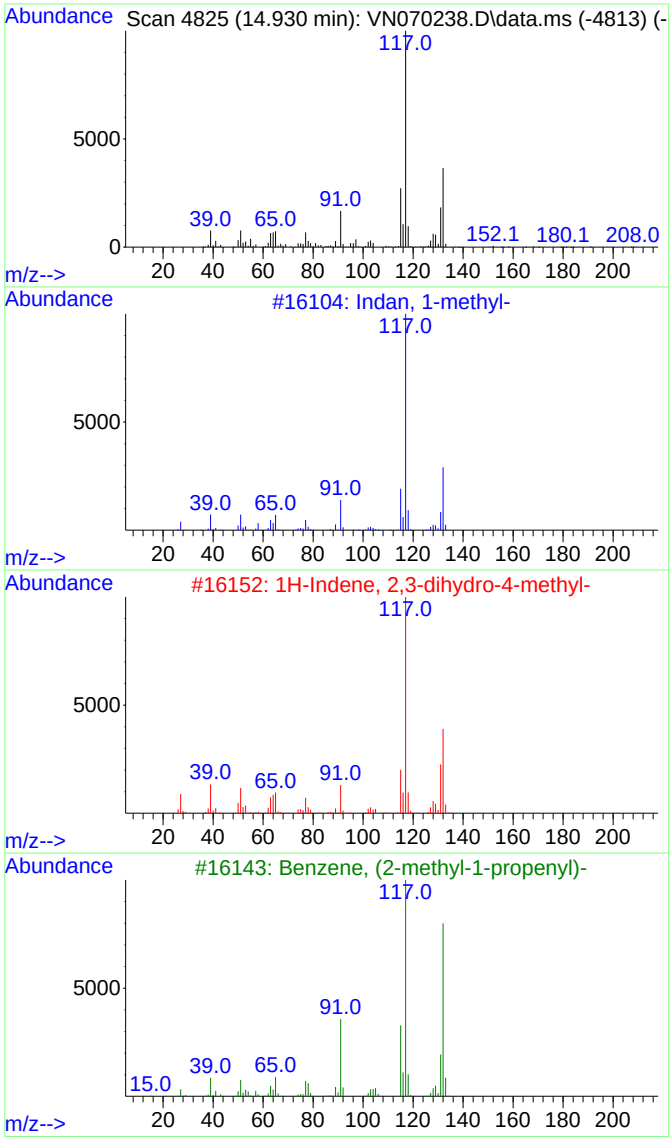
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

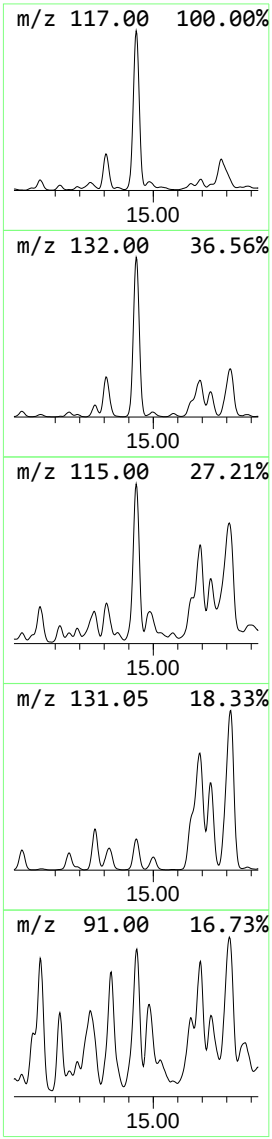
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	88.87 ug/l	17718400	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

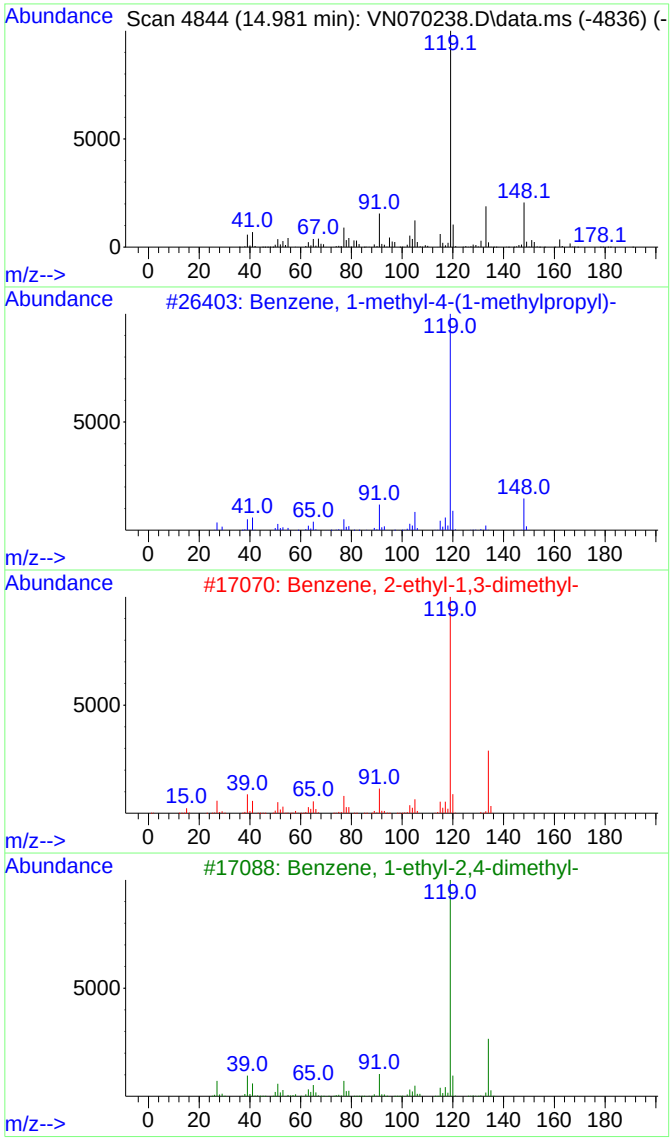
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

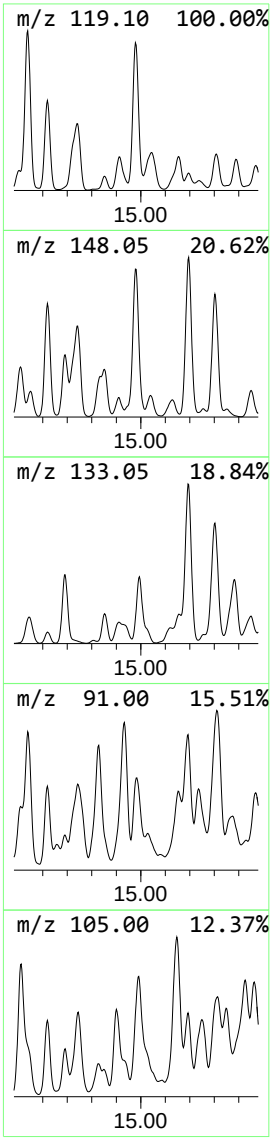
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.981	50.00 ug/l	9968450	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	62
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62





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Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

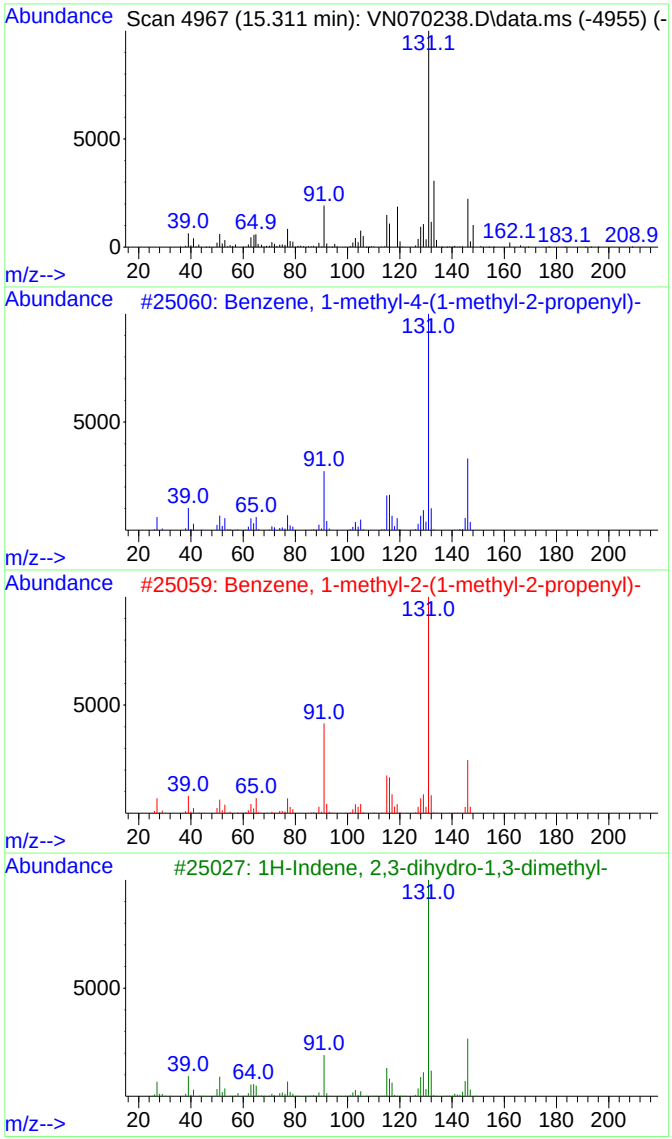
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

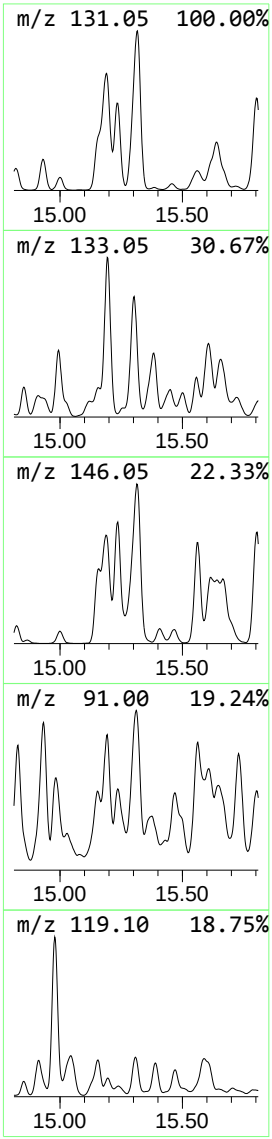
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	107.85 ug/l	21500800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76





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Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

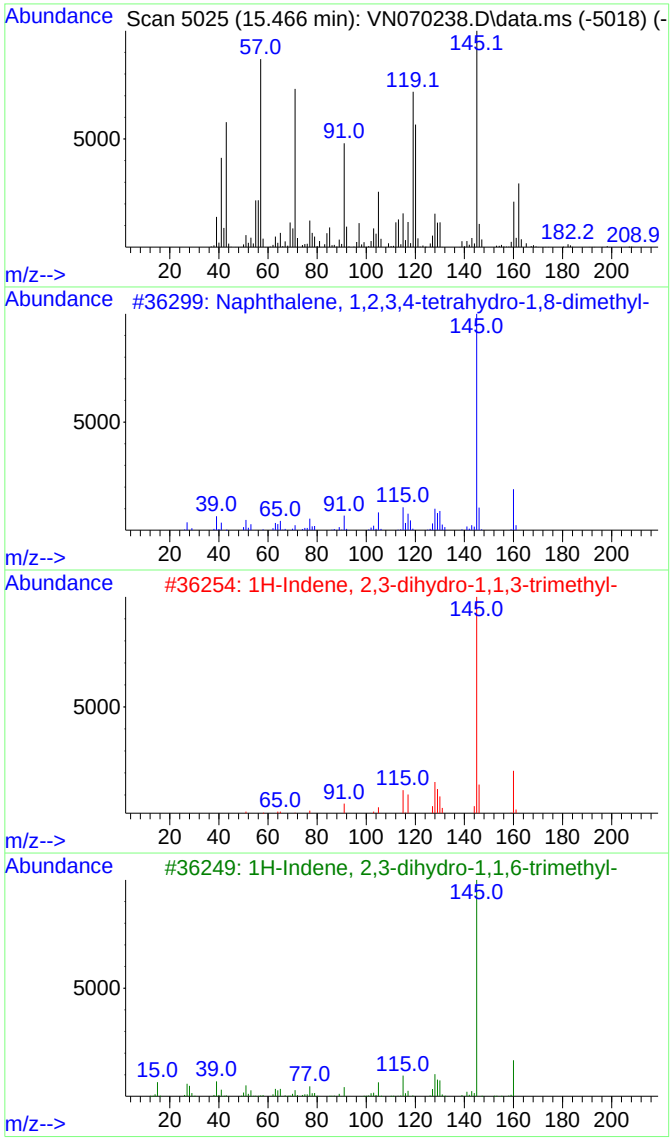
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

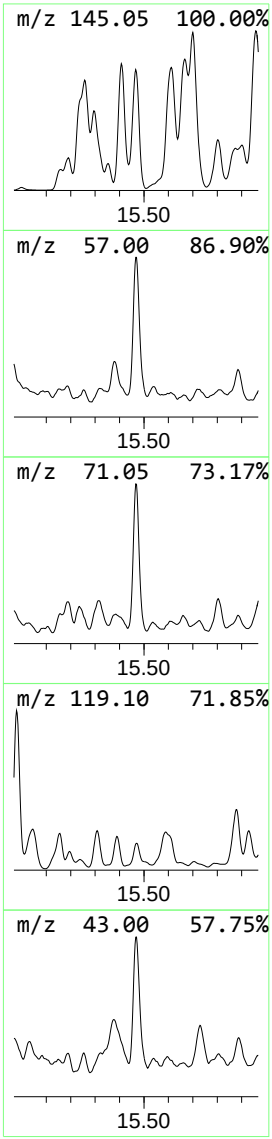
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.467	43.89 ug/l	8750000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	55
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	42
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	42
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	42





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Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

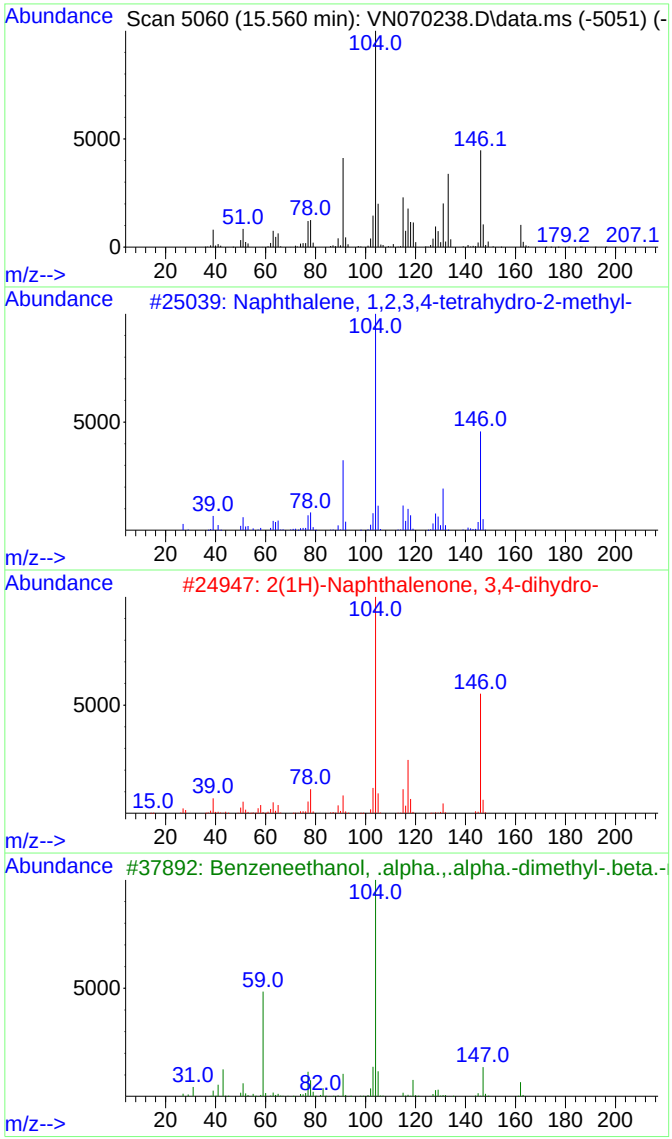
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

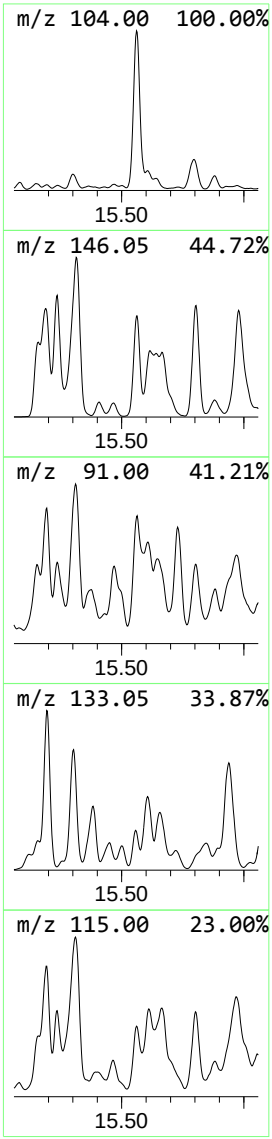
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.560	38.49 ug/l	7673290	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
3	Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	45
4	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	43
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	35





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Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

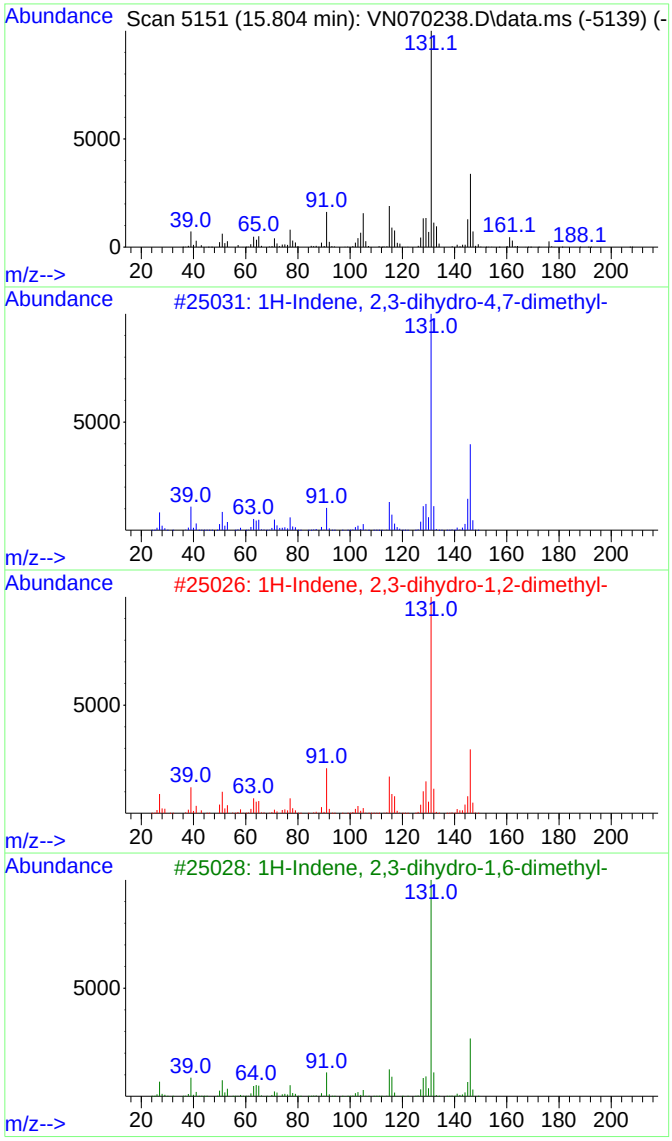
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

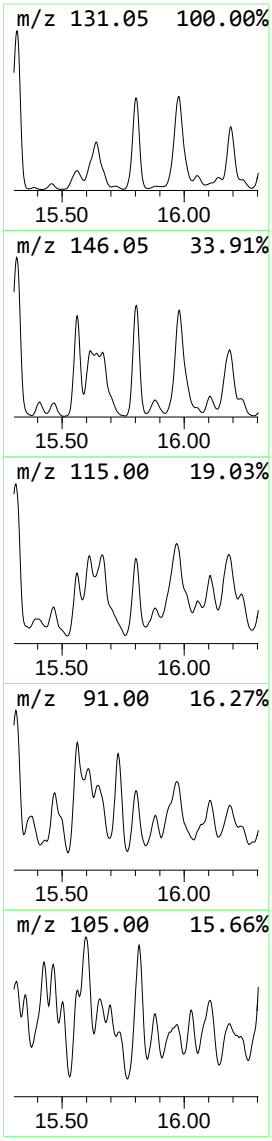
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	59.79 ug/l	11919700	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87





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Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

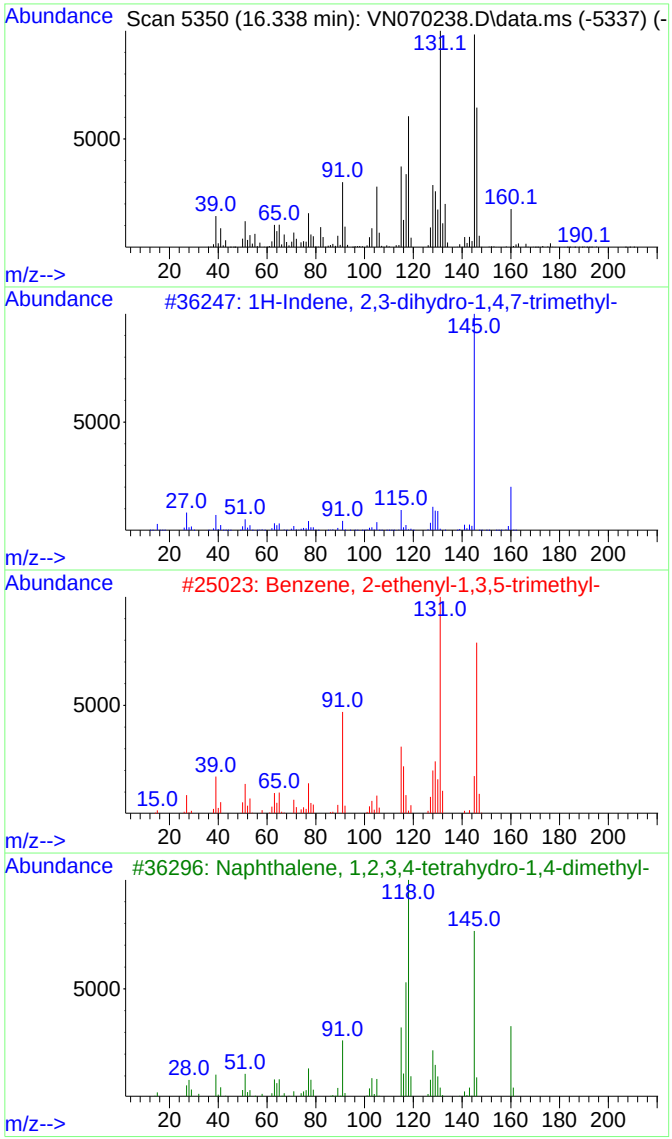
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

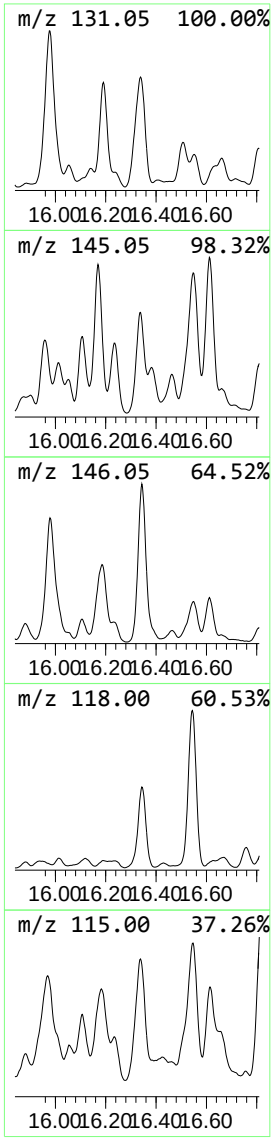
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.338	82.40 ug/l	16427900	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	81
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
Acq On : 20 Dec 2021 14:11
Operator : JC/MD
Sample : M5106-01
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-...	12.251	35.7	ug/l	6197860	3	11.744	8671270	50.0
Cyclohexane, 1,...	13.053	47.6	ug/l	9497100	4	13.675	9968370	50.0
Cyclohexane, bu...	13.565	39.1	ug/l	7789910	4	13.675	9968370	50.0
Indane	13.873	31.8	ug/l	6348140	4	13.675	9968370	50.0
Naphthalene, de...	13.997	67.3	ug/l	13416900	4	13.675	9968370	50.0
Benzene, (2-met...	14.327	78.5	ug/l	15659000	4	13.675	9968370	50.0
Decalin, syn-1-...	14.506	52.4	ug/l	10437200	4	13.675	9968370	50.0
1-Methyldecahyd...	14.670	41.1	ug/l	8204040	4	13.675	9968370	50.0
Indan, 1-methyl-	14.930	88.9	ug/l	17718400	4	13.675	9968370	50.0
Benzene, 1-meth...	14.981	50.0	ug/l	9968450	4	13.675	9968370	50.0
Benzene, 1-meth...	15.311	107.8	ug/l	21500800	4	13.675	9968370	50.0
Naphthalene, 1,...	15.467	43.9	ug/l	8750000	4	13.675	9968370	50.0
Naphthalene, 1,...	15.560	38.5	ug/l	7673290	4	13.675	9968370	50.0
1H-Indene, 2,3-...	15.804	59.8	ug/l	11919700	4	13.675	9968370	50.0
1H-Indene, 2,3-...	16.338	82.4	ug/l	16427900	4	13.675	9968370	50.0