LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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: VN070165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.135	408	427	463	rVB	767241	1759812	1.39%	0.221%
2	5.074	1121	1150	1156	rBV3	484611	1425882	1.12%	0.179%
3	5.613	1319	1351	1388	rBV	1259204	4362759	3.44%	0.548%
4	6.117	1508	1539	1573	rBV2	782044	2426449	1.91%	0.305%
5	7.144	1900	1922	1973	rVB	3371004	9901723	7.81%	1.243%
6	8.024	2230	2250	2255	rBV	633238	1347633	1.06%	0.169%
7	8.088	2258	2274	2291	rVB5	2719609	7714663	6.08%	0.969%
8	8.174	2297	2306	2331	rVB3	1572334	4015440	3.17%	0.504%
9	8.295	2332	2351	2367	rBV	1589623	3696955	2.92%	0.464%
10	8.440	2388	2405	2436	rBV2	878589	2723190	2.15%	0.342%
11	8.571	2437	2454	2462	rBV4	1408648	3345128	2.64%	0.420%
12	8.705	2494	2504	2525	rVB2	1030983	2288887	1.81%	0.287%
13	8.823	2526	2548	2577	rVB7	505425	1632703	1.29%	0.205%
14	8.965	2580	2601	2627	rBV3	3089220	7784014	6.14%	0.977%
15	9.199	2673	2688	2700	rBV	817257	1678954	1.32%	0.211%
16	9.459	2750	2785	2801	rBV2	5623553	16116717	12.71%	2.024%
17	9.641	2841	2853	2868	rVB	1311633	2573330	2.03%	0.323%
18	9.883	2933	2943	2962	rVB	1338407	2839873	2.24%	0.357%
19	9.974	2963	2977	2985	rBV	3707982	7019834	5.54%	0.881%
20	10.205	3046	3063	3092	rBV7	934229	2779048	2.19%	0.349%
21	10.323	3093	3107	3117	rVV2	928387	1793500	1.41%	0.225%
22	10.441	3136	3151	3178	rBV2	3505723	7382738	5.82%	0.927%
23	10.636	3205	3224	3250	rVB4	1250947	3321528	2.62%	0.417%
24	10.859	3293	3307	3328	rVB5	2221046	5000604	3.94%	0.628%
25	11.744	3622	3637	3653	rBV	4560718	8365581	6.60%	1.050%
26	11.846	3662	3675	3696	rVB	4056194	7510721	5.92%	0.943%
27	11.959	3704	3717	3738	rVB	3347257	6220575	4.91%	0.781%
28	12.578	3934	3948	3968	rVB	17880978	29932927	23.61%	3.758%
29	12.731	3990	4005	4027	rVB2	2391035	4386916	3.46%	0.551%
30	12.921	4060	4076	4088	rBV2	23699979	39336424	31.02%	4.939%
31	12.983	4088	4099	4106	rVV	24641931	42090982	33.20%	5.285%
32	13.015	4107	4111	4119	rVV	21495915	30038791	23.69%	3.772%
33	13.061	4119	4128	4149	rVB2	37465102	62045260	48.93%	7.791%
34	13.222	4171	4188	4209	rBV	13574485	22710478	17.91%	2.852%
35	13.369	4226	4243	4273	rVB3	71692943	126798988	100.00%	15.921%
36	13.498	4274	4291	4303	rVV3	1683493	3956582	3.12%	0.497%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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	13.560	4304	4314	4326	rVB	1288115	1995618	1.57%	0.251%
38	13.704	4344	4368	4385	rBV	26453898	48687257	38.40%	6.113%
39	13.839	4404	4418	4423	rBV	7991064	12384027	9.77%	1.555%
40	13.876	4423	4432	4440	rVV2	13224699	20696913	16.32%	2.599%
41	14.002	4468	4479	4492	rVB	1617663	2592815	2.04%	0.326%
42	14.069	4492	4504	4515	rBV	2133641	3336901	2.63%	0.419%
43	14.131	4515	4527	4534	rBV	4396431	7564126	5.97%	0.950%
44	14.217	4547	4559	4572	rVB	20800341	32651220	25.75%	4.100%
45	14.278	4572	4582	4590	rVV	3406386	5419690	4.27%	0.681%
46	14.329	4590	4601	4619	rVB2	14351397	24324468	19.18%	3.054%
47	14.461	4638	4650	4662	rVB	2417940	3869131	3.05%	0.486%
48	14.541	4663	4680	4688	rBV	13209566	21826403	17.21%	2.741%
49	14.579	4688	4694	4704	rVV	5804219	8668984	6.84%	1.088%
50	14.809	4768	4780	4793	rBV	12028698	19237996	15.17%	2.416%
51	14.930	4806	4825	4839	rBV3	22797815	47510773	37.47%	5.966%
52	14.992	4840	4848	4864	rVB4	1193776	2439403	1.92%	0.306%
53	15.083	4869	4882	4898	rBV2	1953694	3392429	2.68%	0.426%
54	15.193	4900	4923	4934	rBV5	2423419	5772922	4.55%	0.725%
55	15.311	4952	4967	4989	rVB4	2110394	4948197	3.90%	0.621%
56	15.504	5026	5039	5054	rVB	2859204	5380473	4.24%	0.676%
57	15.670	5093	5101	5133	rVB2	657771	1407454	1.11%	0.177%
58	15.804	5134	5151	5169	rBV	1225788	2427641	1.91%	0.305%
59	15.984	5200	5218	5240	rBV3	816183	2480584	1.96%	0.311%
60	16.617	5436	5454	5488	rVB	8560891	19077390	15.05%	2.395%

Sum of corrected areas: 796418404

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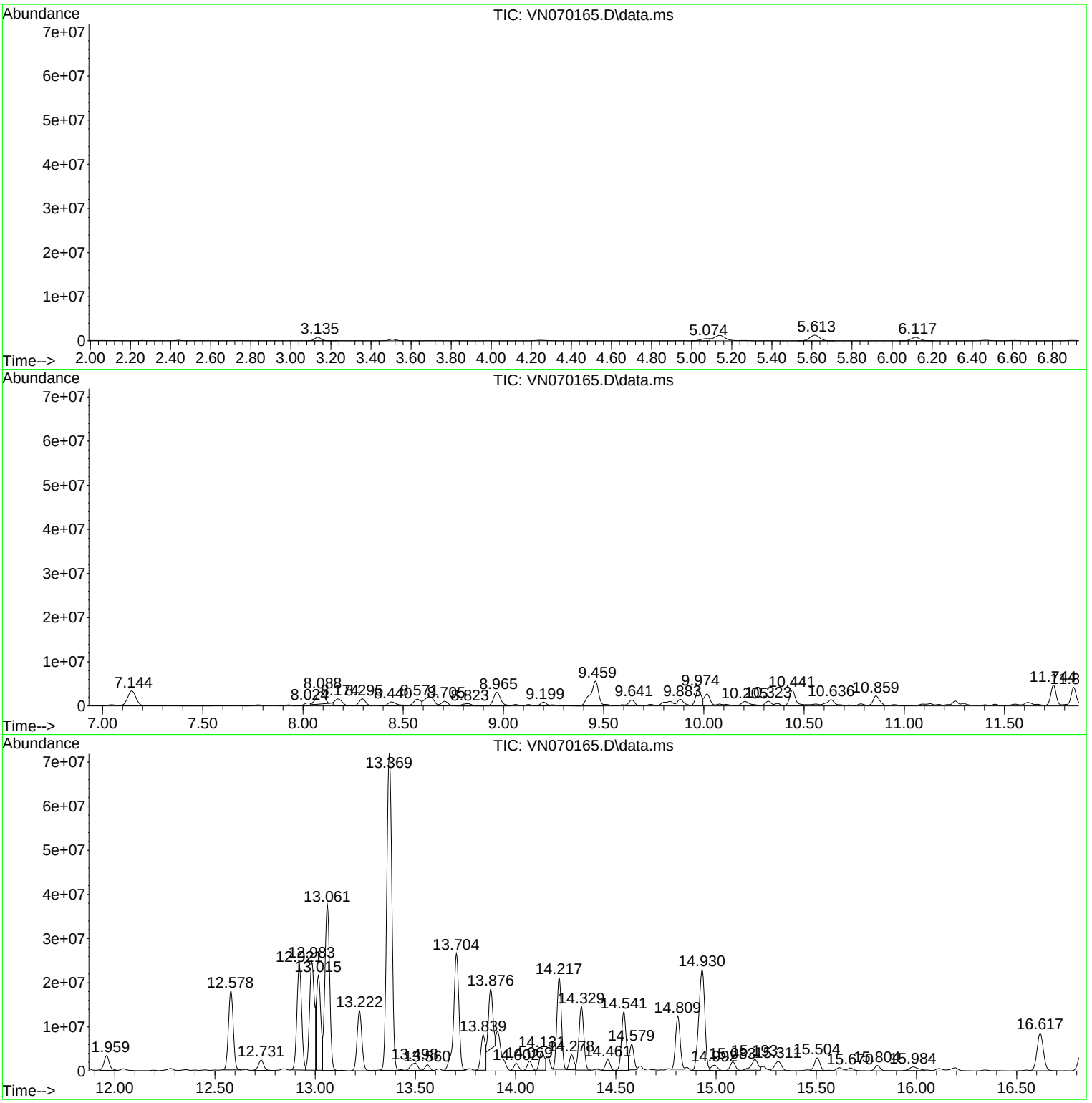
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

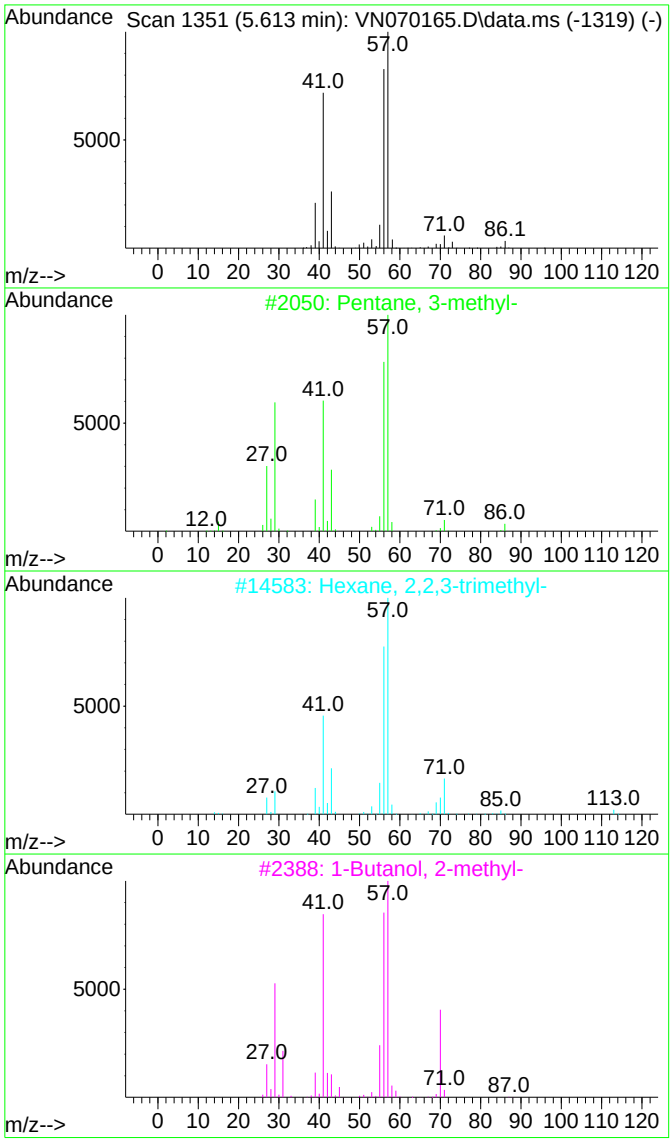
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

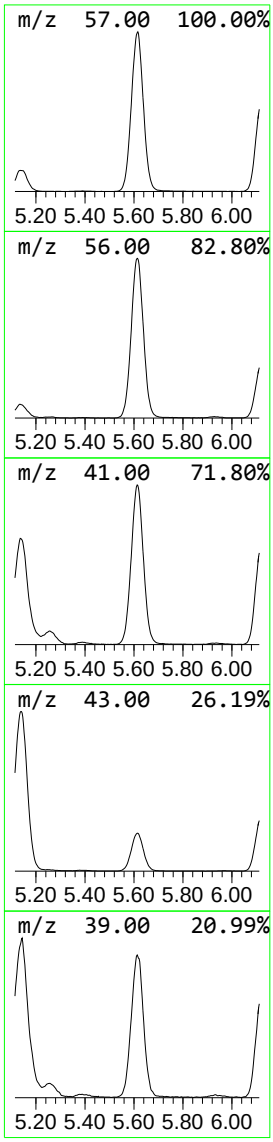
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.613	28.28 ug/l	4362760	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	43
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

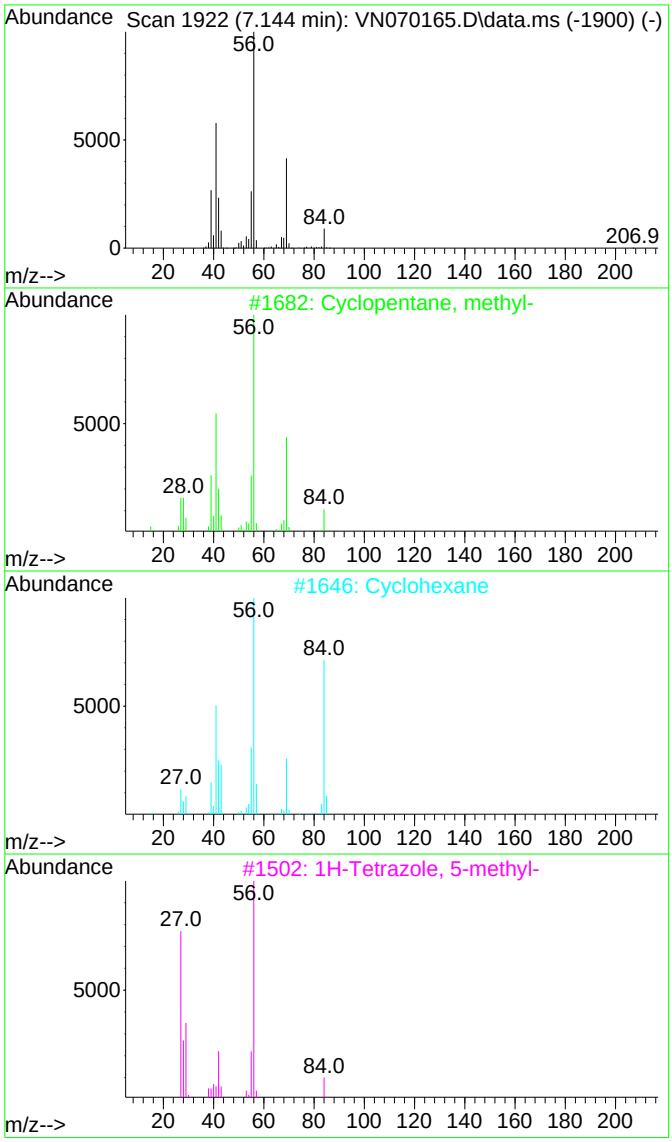
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

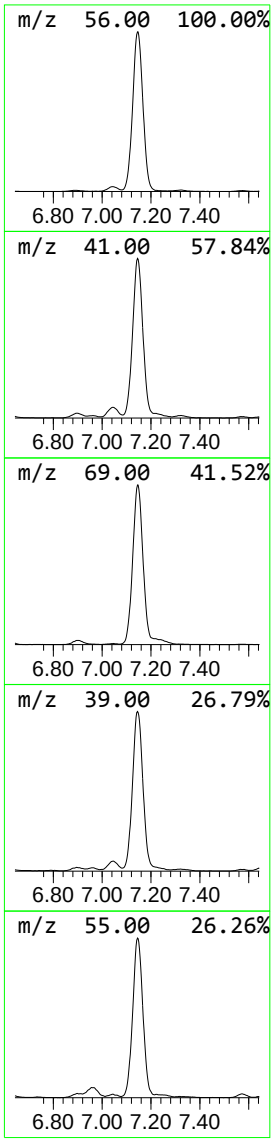
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.144	64.17 ug/l	9901720	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

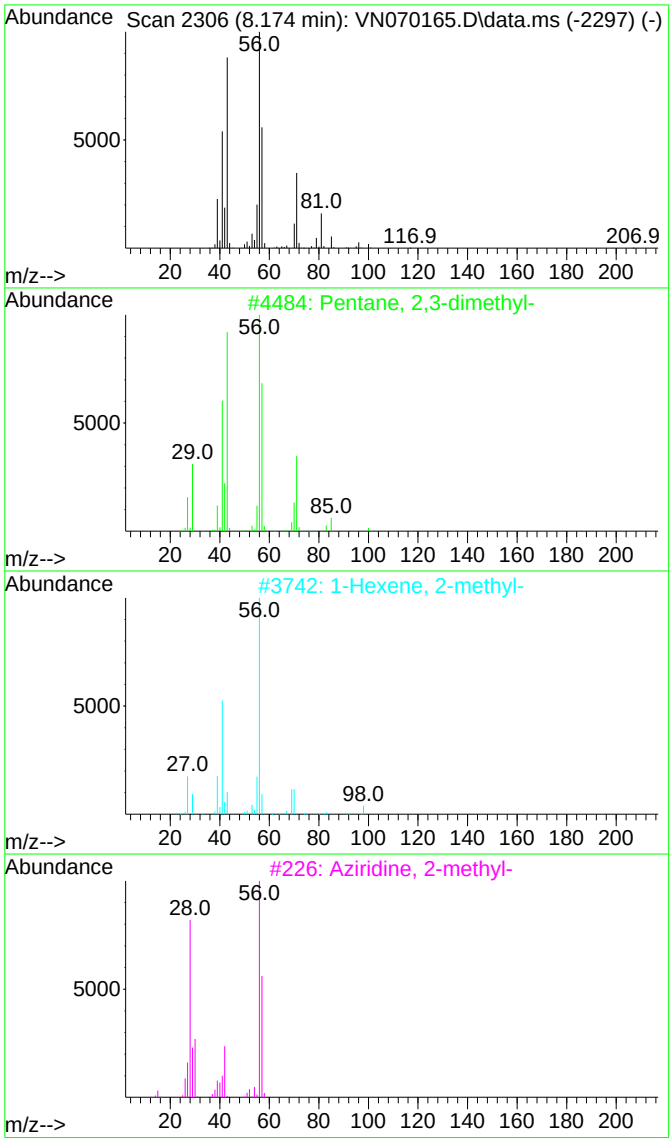
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

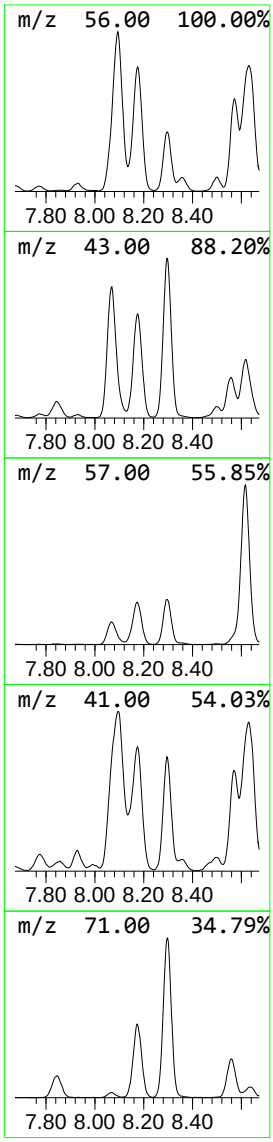
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	26.02 ug/l	4015440	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	47
3	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	37
5	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

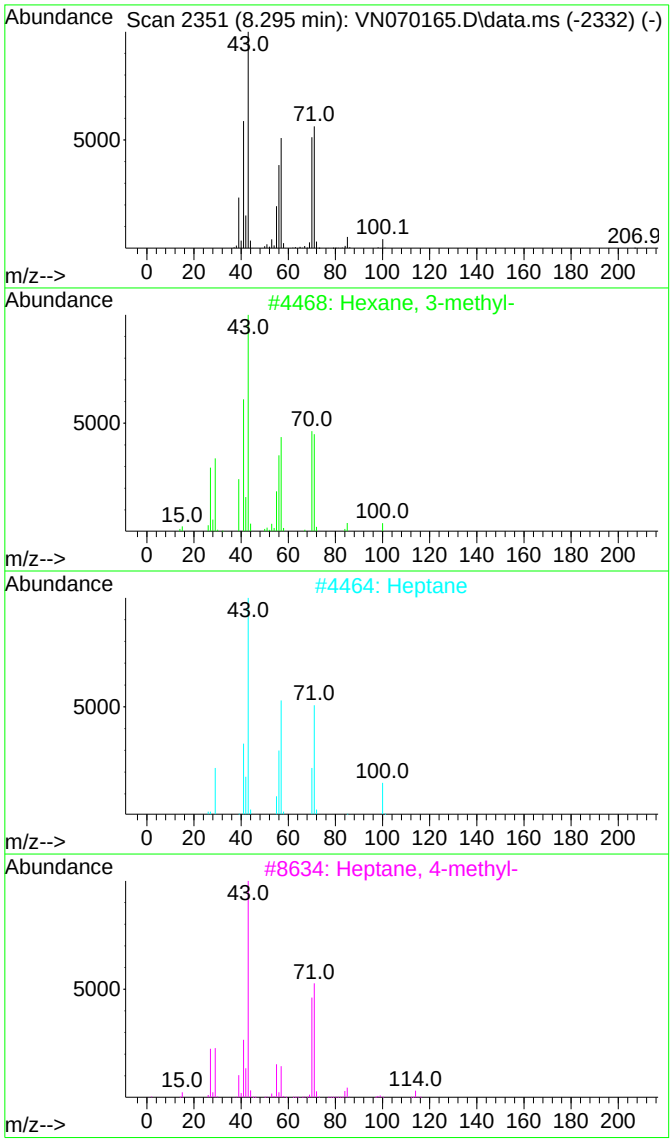
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

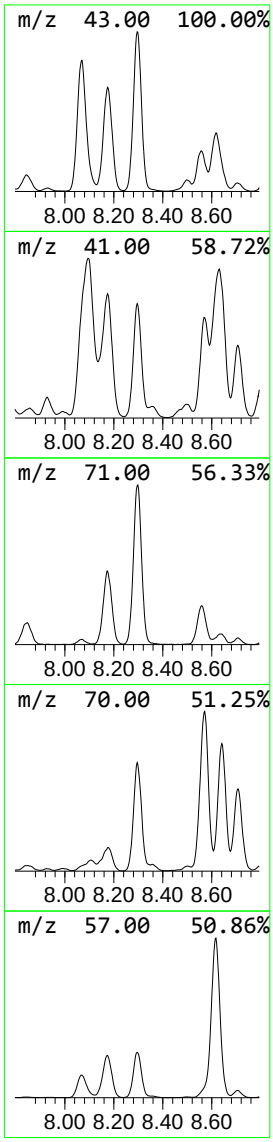
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	23.96 ug/l	3696960	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

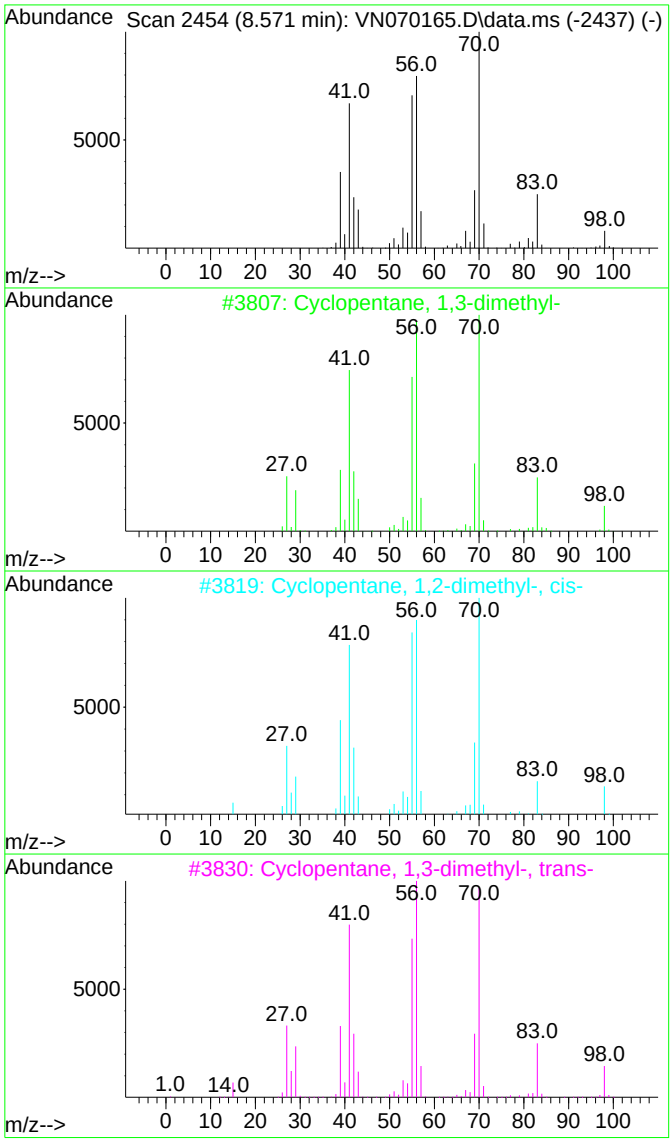
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

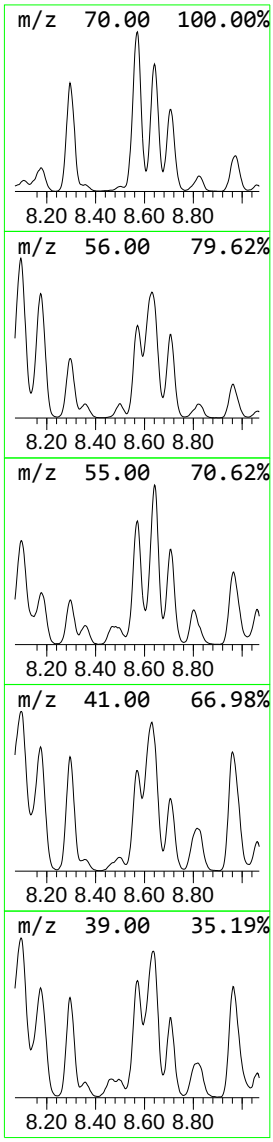
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.571	21.49 ug/l	3345130	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
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Acq On : 17 Dec 2021 15:44
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

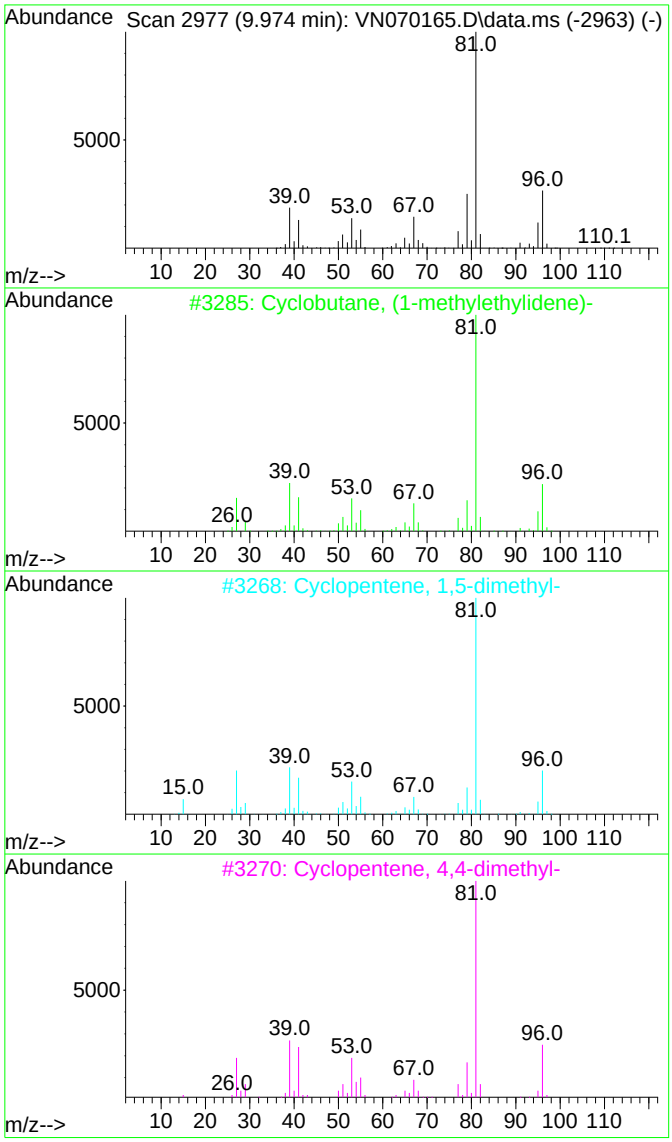
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

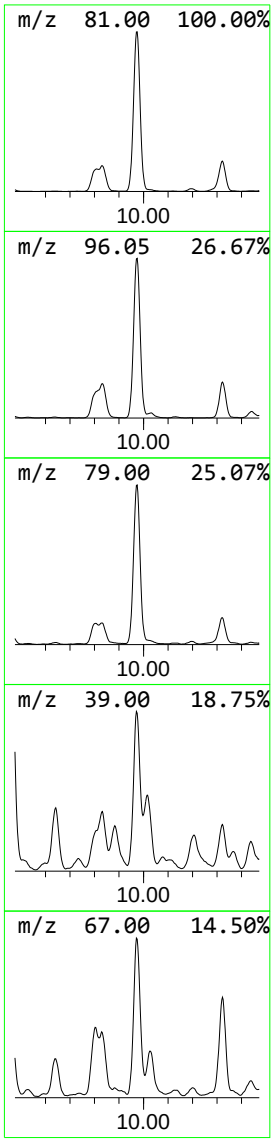
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclobutane, (1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.974	45.09 ug/l	7019830	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	91
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	83
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
5	(S)-2,5-Dimethyl-3-vinylhex-4-en...	154	C10H18O	035671-15-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

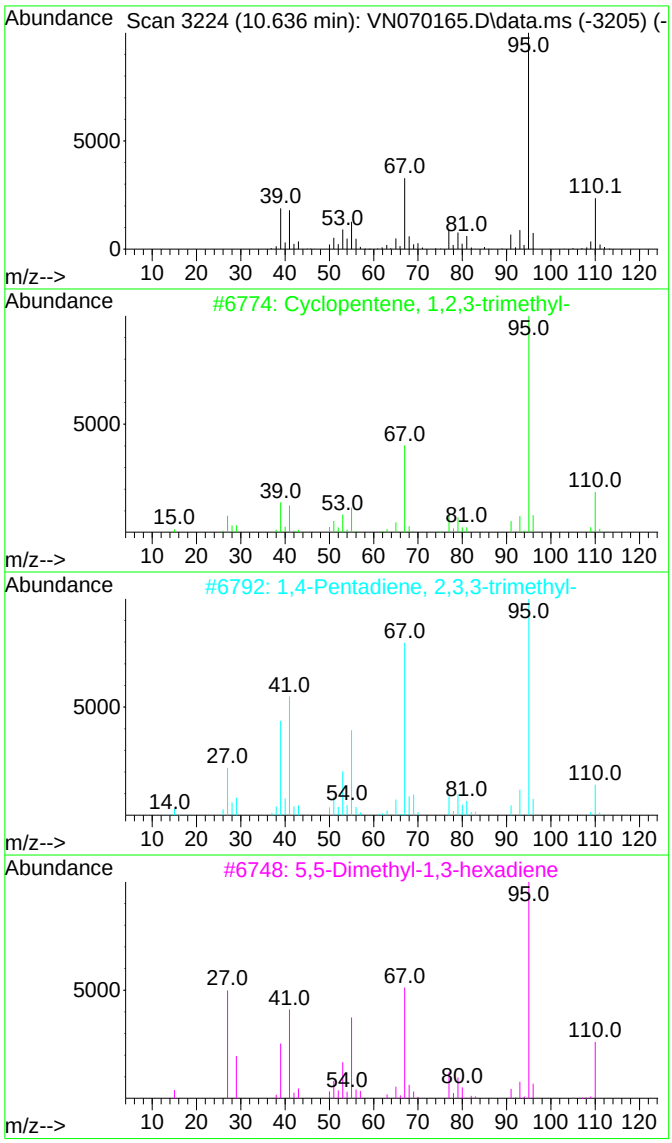
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

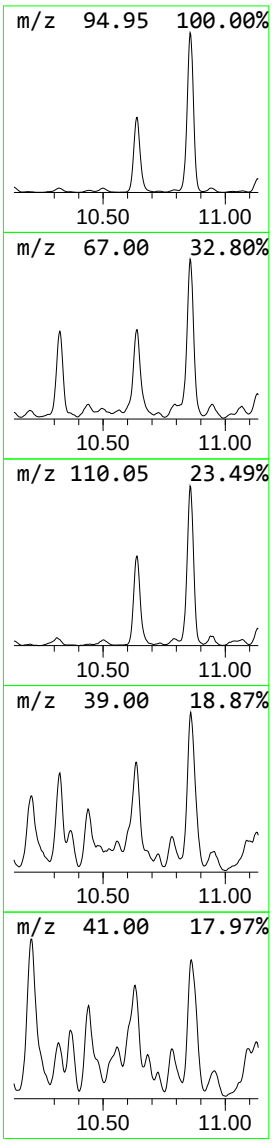
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.636	19.85 ug/l	3321530	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	87
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	64





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

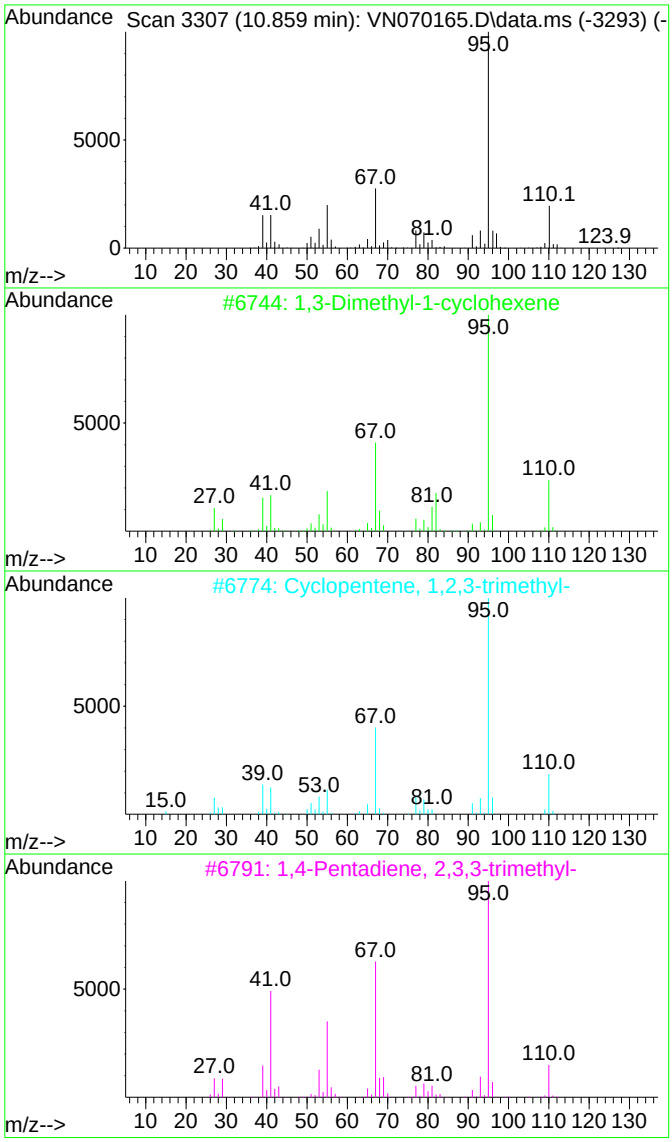
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

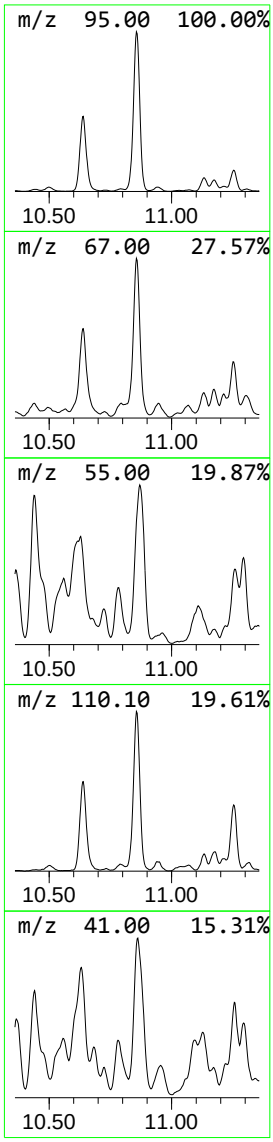
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Dimethyl-1-cyclohexene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.859	29.89 ug/l	5000600	Chlorobenzene-d5	11.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	81
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

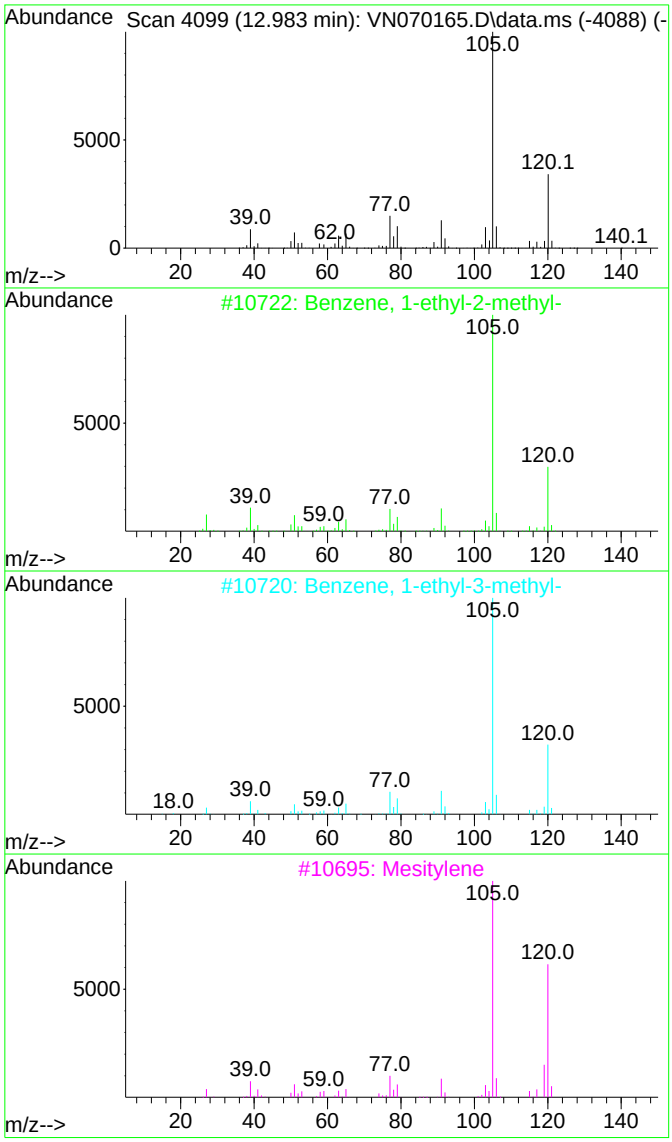
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

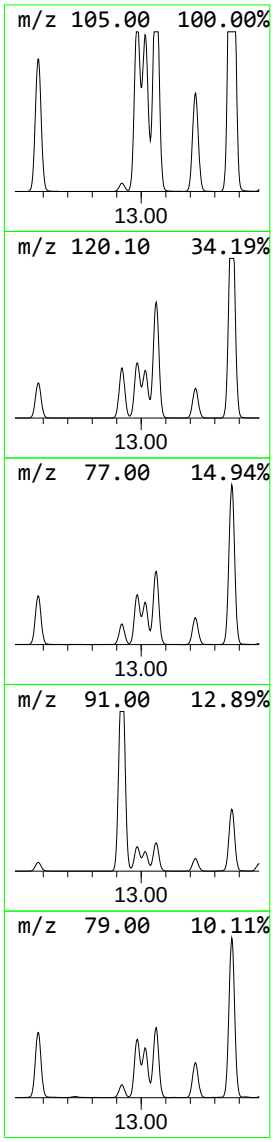
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	43.23 ug/l	42091000	1,4-Dichlorobenzene-d4	13.675

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	94
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





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

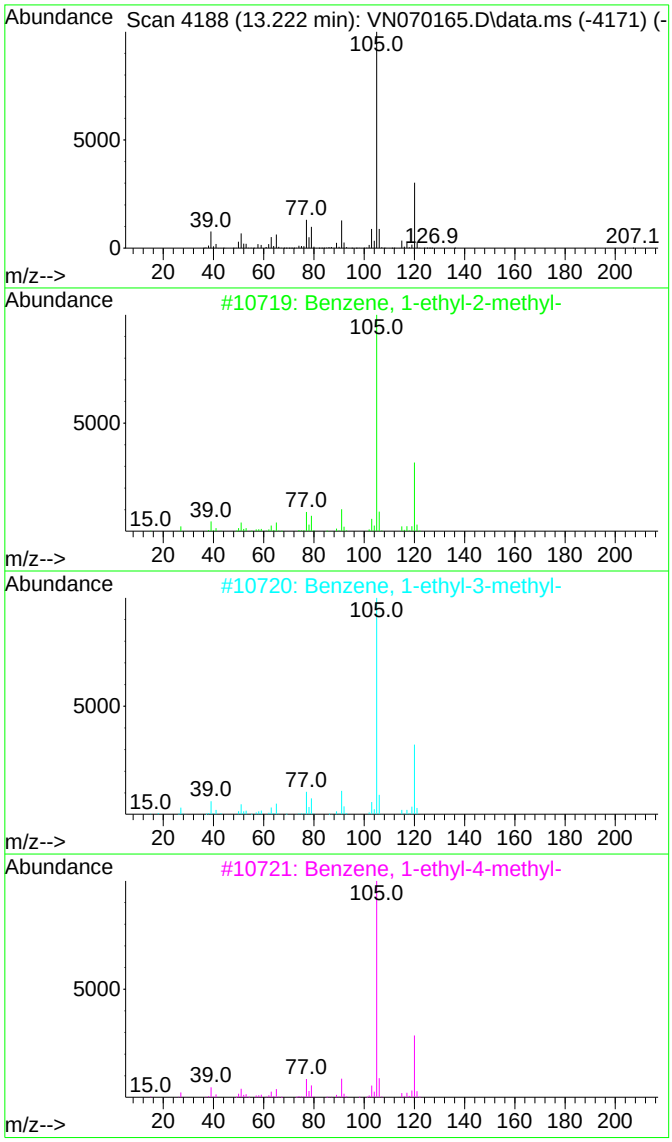
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

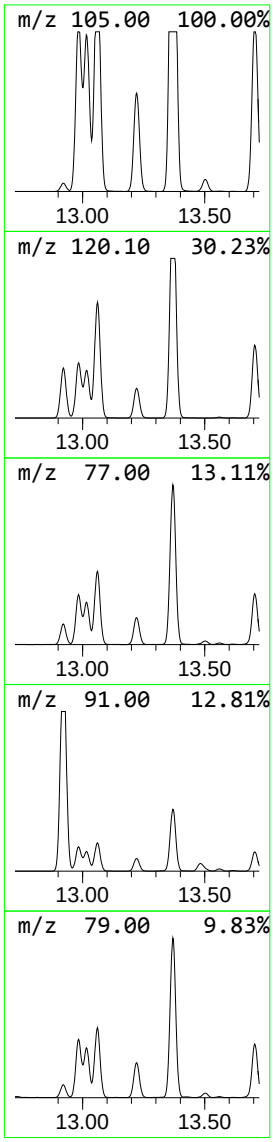
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	23.32 ug/l	22710500	1,4-Dichlorobenzene-d4	13.675

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-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

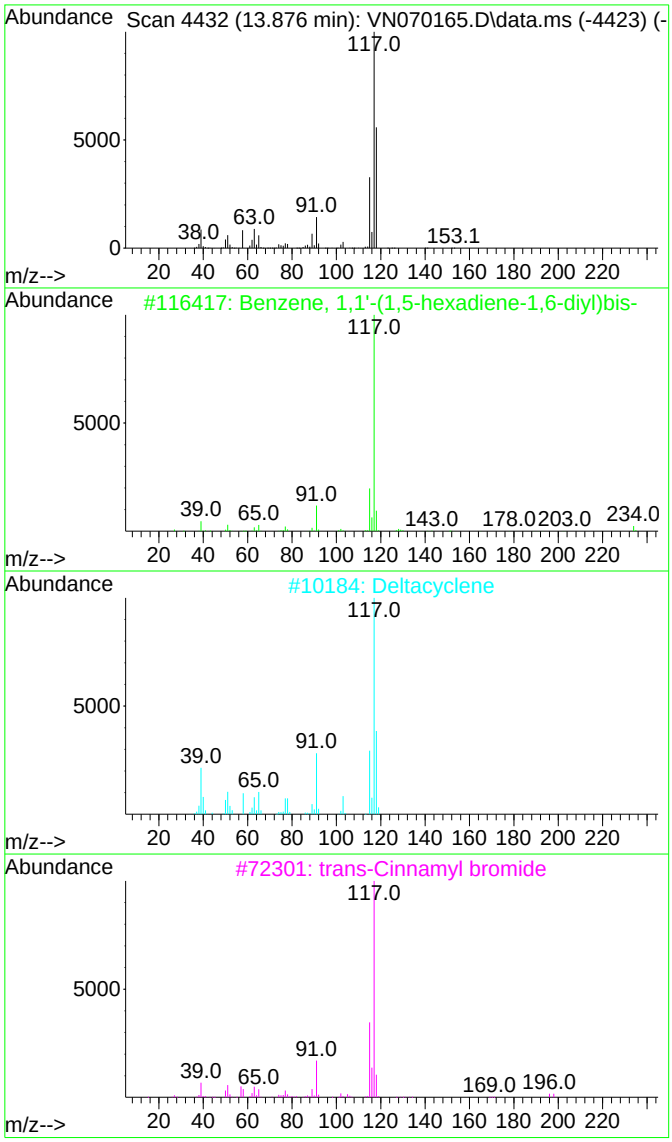
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

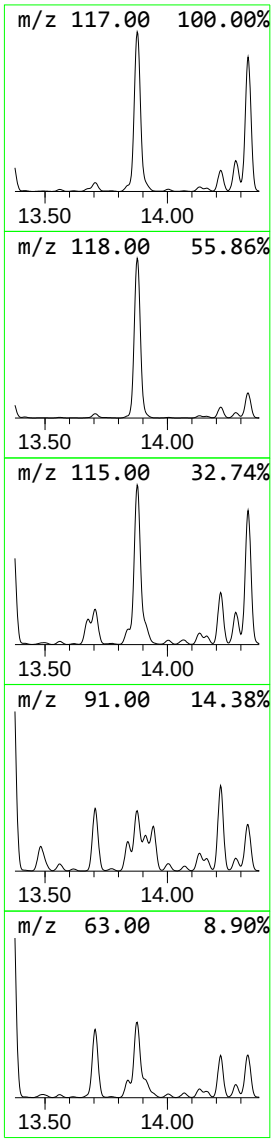
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	21.25 ug/l	20696900	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Deltacyclene	118	C9H10	007785-10-6	59
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4	Indole	117	C8H7N	000120-72-9	49
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	43





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

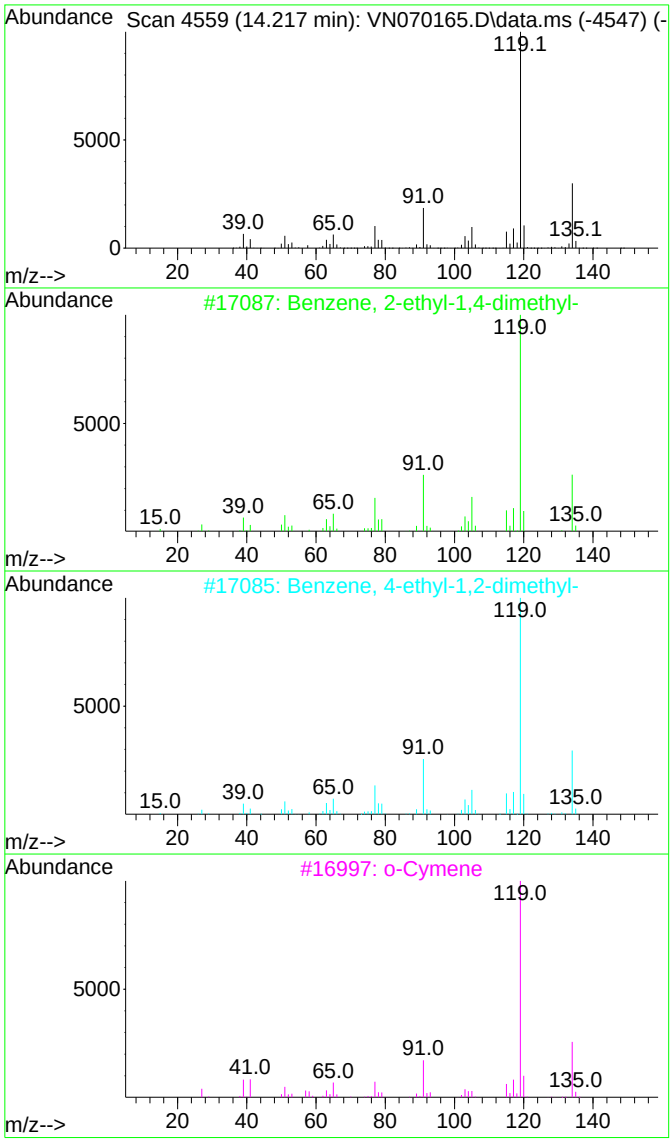
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

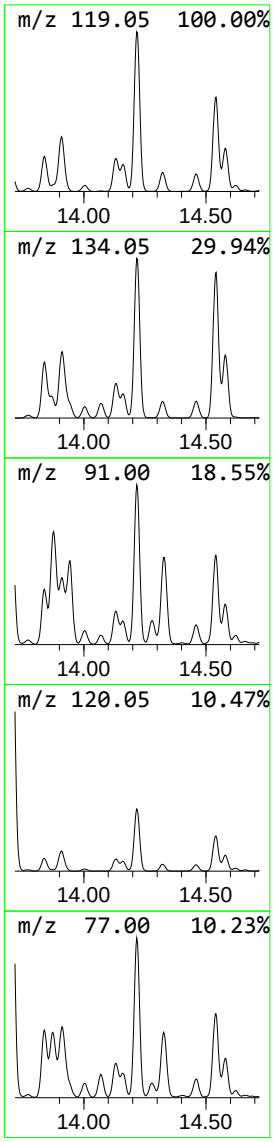
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	33.53 ug/l	32651200	1,4-Dichlorobenzene-d4	13.675

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	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

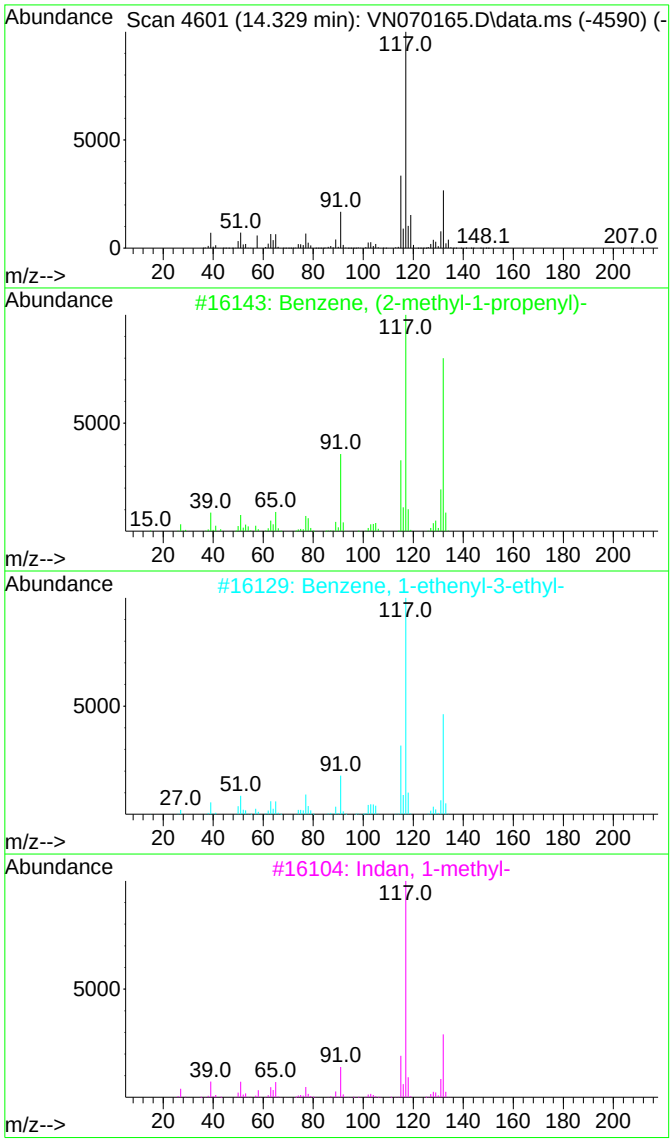
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

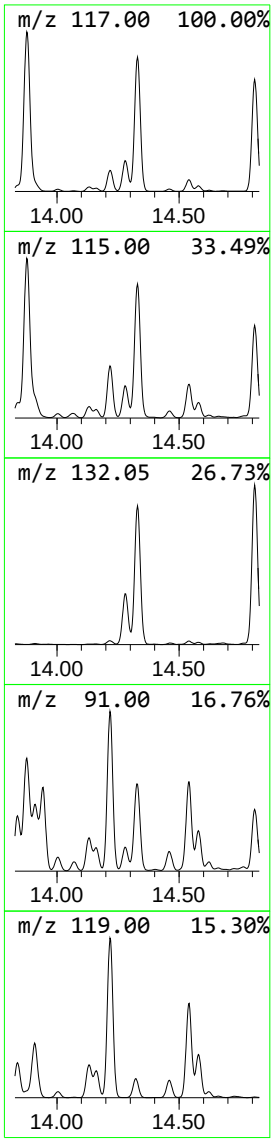
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	24.98 ug/l	24324500	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	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

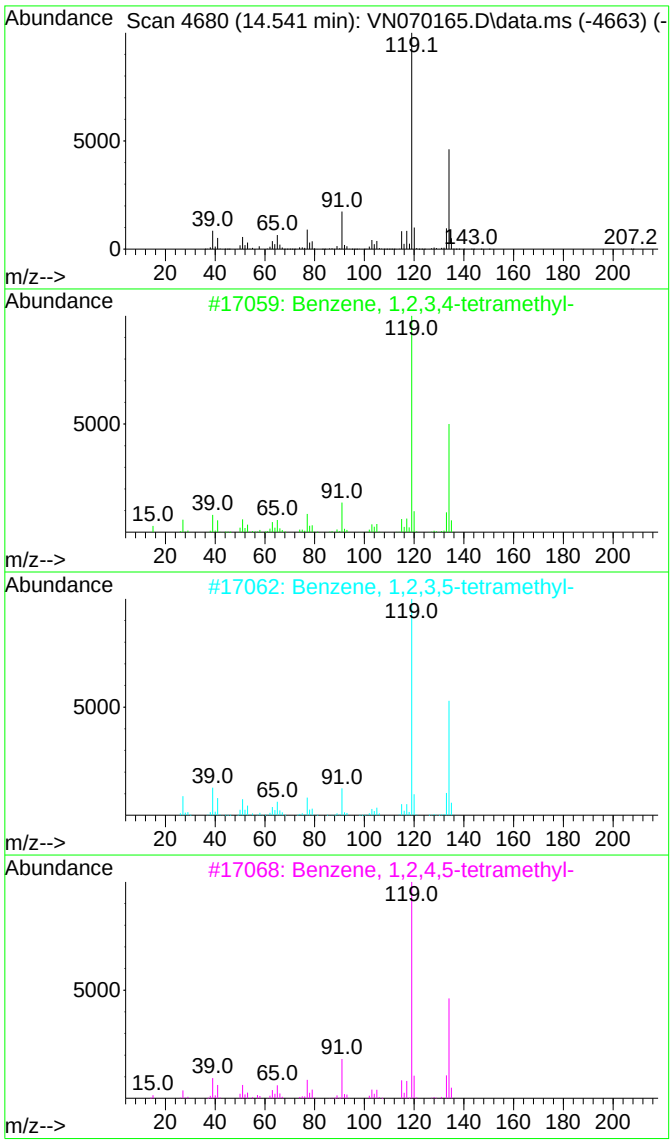
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

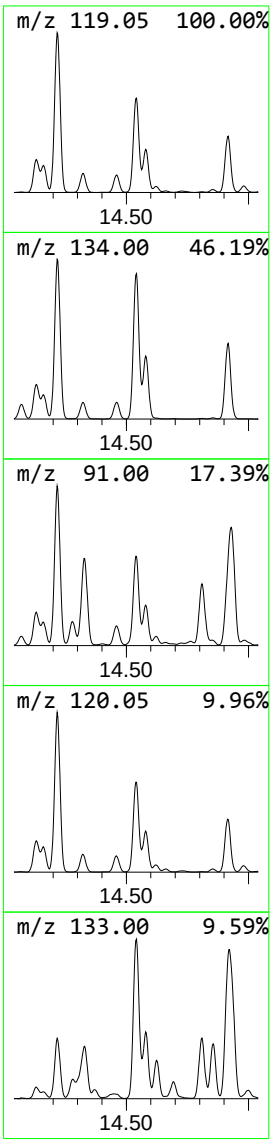
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	22.41 ug/l	21826400	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

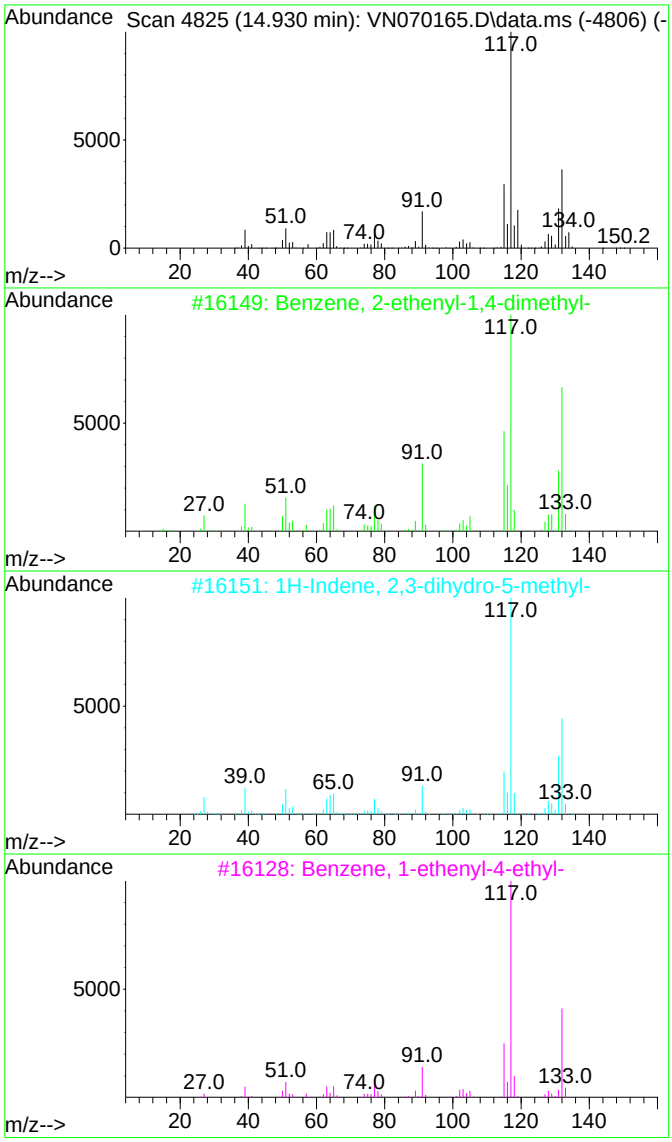
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

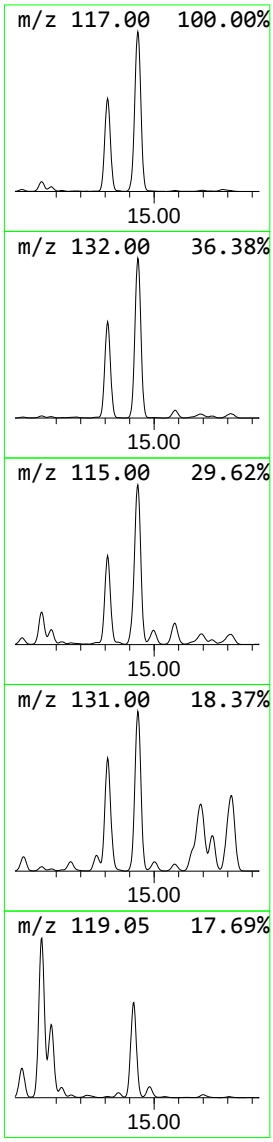
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	48.79 ug/l	47510800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070165.D
Acq On : 17 Dec 2021 15:44
Operator : JC/MD
Sample : M5039-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

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
Pentane, 3-methyl-	5.613	28.3	ug/l	4362760	1	8.086	7714660	50.0
Cyclopentane, m...	7.144	64.2	ug/l	9901720	1	8.086	7714660	50.0
Pentane, 2,3-di...	8.174	26.0	ug/l	4015440	1	8.086	7714660	50.0
Hexane, 3-methyl-	8.295	24.0	ug/l	3696960	1	8.086	7714660	50.0
Cyclopentane, 1...	8.571	21.5	ug/l	3345130	2	8.968	7784010	50.0
Cyclobutane, (1...	9.974	45.1	ug/l	7019830	2	8.968	7784010	50.0
Cyclopentene, 1...	10.636	19.9	ug/l	3321530	3	11.744	8365580	50.0
1,3-Dimethyl-1-...	10.859	29.9	ug/l	5000600	3	11.744	8365580	50.0
Benzene, 1-ethy...	12.983	43.2	ug/l	42091000	4	13.675	48687300	50.0
Benzene, 1-ethy...	13.222	23.3	ug/l	22710500	4	13.675	48687300	50.0
Benzene, 1,1'-(...	13.876	21.3	ug/l	20696900	4	13.675	48687300	50.0
Benzene, 2-ethy...	14.217	33.5	ug/l	32651200	4	13.675	48687300	50.0
Benzene, (2-met...	14.329	25.0	ug/l	24324500	4	13.675	48687300	50.0
Benzene, 1,2,3,...	14.541	22.4	ug/l	21826400	4	13.675	48687300	50.0
Benzene, 2-ethe...	14.930	48.8	ug/l	47510800	4	13.675	48687300	50.0