LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

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: VN070135.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.998	366	376	402	rVB2	384468	881541	1.33%	0.121%
2	5.018	1097	1129	1132	rBV2	592582	1701625	2.57%	0.233%
3	5.565	1302	1333	1377	rVB2	1332099	4732114	7.14%	0.647%
4	6.077	1496	1524	1562	rBV3	1019311	3160779	4.77%	0.432%
5	7.021	1850	1876	1896	rBV2	1659739	5061231	7.63%	0.692%
6	7.123	1897	1914	1949	rVB2	1096096	3224869	4.86%	0.441%
7	8.056	2229	2262	2285	rBV3	4641883	16465667	24.83%	2.252%
8	8.163	2286	2302	2326	rVB	3418921	8795219	13.26%	1.203%
9	8.284	2327	2347	2385	rVB	4350643	10207796	15.39%	1.396%
10	8.434	2385	2403	2430	rBV2	1152252	2911928	4.39%	0.398%
11	8.609	2431	2468	2490	rBV	17709573	48046614	72.45%	6.573%
12	8.697	2492	2501	2523	rVB3	804422	1828166	2.76%	0.250%
13	8.818	2527	2546	2579	rVB2	2544504	5843955	8.81%	0.799%
14	8.965	2580	2601	2617	rBV	3064620	6842204	10.32%	0.936%
15	9.454	2747	2783	2794	rBV	6998831	16546610	24.95%	2.264%
16	9.507	2794	2803	2819	rVV	4311021	8366852	12.62%	1.145%
17	9.588	2819	2833	2843	rVV	1543368	3261734	4.92%	0.446%
18	9.636	2846	2851	2864	rVV	798224	1239877	1.87%	0.170%
19	9.727	2865	2885	2901	rVV3	745431	1794294	2.71%	0.245%
20	9.880	2924	2942	2964	rVB	13621577	27690063	41.75%	3.788%
21	10.011	2964	2991	3006	rBV	17979698	38796873	58.50%	5.307%
22	10.076	3006	3015	3024	rBV	2674742	4320051	6.51%	0.591%
23	10.213	3045	3066	3092	rBV2	3818487	9489646	14.31%	1.298%
24	10.368	3107	3124	3138	rBV	12668062	23352605	35.21%	3.195%
25	10.440	3138	3151	3168	rVV3	5122802	9835802	14.83%	1.346%
26	10.623	3204	3219	3234	rVB2	3284746	6919976	10.43%	0.947%
27	10.888	3297	3318	3335	rVV5	2813899	6426076	9.69%	0.879%
28	10.963	3336	3346	3359	rVB2	882563	1525479	2.30%	0.209%
29	11.052	3360	3379	3391	rBV2	853715	1648211	2.49%	0.225%
30	11.154	3406	3417	3434	rVB	1454562	2838593	4.28%	0.388%
31	11.454	3520	3529	3538	rBV	881556	1367677	2.06%	0.187%
32	11.527	3539	3556	3581	rVB4	2574469	6430912	9.70%	0.880%
33	11.626	3581	3593	3616	rBV	2014876	3569413	5.38%	0.488%
34	11.747	3618	3638	3651	rBV2	5021901	10208807	15.39%	1.397%
35	11.846	3657	3675	3694	rVB	5804703	10998335	16.58%	1.505%
36	11.953	3697	3715	3740	rVV2	11842229	24185983	36.47%	3.309%

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ClientSampleId :
HSB-1-(9-9.5)

Integration Parameters: RTEINT.P
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Title : SW846 8260

37	12.184	3791	3801	3812	rBV4	519080	831964	1.25%	0.114%
38	12.280	3818	3837	3854	rVB	2689541	5842805	8.81%	0.799%
39	12.366	3860	3869	3881	rVB2	697239	1181715	1.78%	0.162%
40	12.581	3938	3949	3959	rBV	1457580	2725222	4.11%	0.373%
41	12.731	3993	4005	4015	rVB2	3150006	5640659	8.51%	0.772%
42	12.876	4049	4059	4063	rBV2	505079	766285	1.16%	0.105%
43	12.921	4064	4076	4087	rVB	7489834	11624813	17.53%	1.590%
44	12.983	4087	4099	4107	rBV	19951611	33974812	51.23%	4.648%
45	13.058	4119	4127	4169	rVB	14390841	26037536	39.26%	3.562%
46	13.222	4171	4188	4204	rBV	7924732	13898205	20.96%	1.901%
47	13.313	4217	4222	4229	rVB	610221	687427	1.04%	0.094%
48	13.369	4229	4243	4257	rBV2	40369477	66315598	100.00%	9.072%
49	13.498	4273	4291	4299	rBV3	1817745	4866758	7.34%	0.666%
50	13.560	4309	4314	4324	rVB	1906947	2640299	3.98%	0.361%
51	13.611	4325	4333	4341	rBV3	784142	1331561	2.01%	0.182%
52	13.675	4347	4357	4361	rBV	5046460	7089575	10.69%	0.970%
53	13.707	4363	4369	4401	rVB2	8866330	17002881	25.64%	2.326%
54	13.839	4405	4418	4423	rBV	8270007	12747462	19.22%	1.744%
55	13.871	4424	4430	4437	rVV2	9932067	14943433	22.53%	2.044%
56	13.911	4437	4445	4468	rVB3	17055207	35890893	54.12%	4.910%
57	13.999	4468	4478	4491	rVB3	1406846	2361151	3.56%	0.323%
58	14.069	4493	4504	4515	rVB	3360586	5139620	7.75%	0.703%
59	14.131	4515	4527	4533	rBV	7495419	12385724	18.68%	1.694%
60	14.217	4548	4559	4574	rVB	17099773	26771425	40.37%	3.662%
61	14.324	4588	4599	4611	rVB4	3377157	5695673	8.59%	0.779%
62	14.461	4638	4650	4661	rBV	2251555	3502178	5.28%	0.479%
63	14.541	4662	4680	4686	rBV	5748252	9628294	14.52%	1.317%
64	14.579	4687	4694	4703	rVV	7520925	11628038	17.53%	1.591%
65	14.622	4703	4710	4718	rVV	3512381	5324565	8.03%	0.728%
66	14.662	4719	4725	4740	rVB	1749484	2550586	3.85%	0.349%
67	14.764	4755	4763	4770	rVB	1088353	1393931	2.10%	0.191%
68	14.809	4770	4780	4789	rVV3	2852938	4889022	7.37%	0.669%
69	14.852	4790	4796	4807	rVB3	2139469	3153781	4.76%	0.431%
70	14.919	4807	4821	4836	rBV4	4591578	11865070	17.89%	1.623%
71	14.981	4837	4844	4861	rVB	1624270	2577835	3.89%	0.353%
72	15.198	4913	4925	4952	rVB3	1991845	5013464	7.56%	0.686%
73	15.308	4954	4966	4985	rVB3	1097899	2381359	3.59%	0.326%
74	15.507	5014	5040	5055	rBV	2236141	4444974	6.70%	0.608%
75	15.614	5069	5080	5091	rBV3	470086	840158	1.27%	0.115%
76	15.804	5137	5151	5173	rBV	601897	1287776	1.94%	0.176%

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Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

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

77	16.617	5440	5454	5489	rVB	681258	1607073	2.42%	0.220%

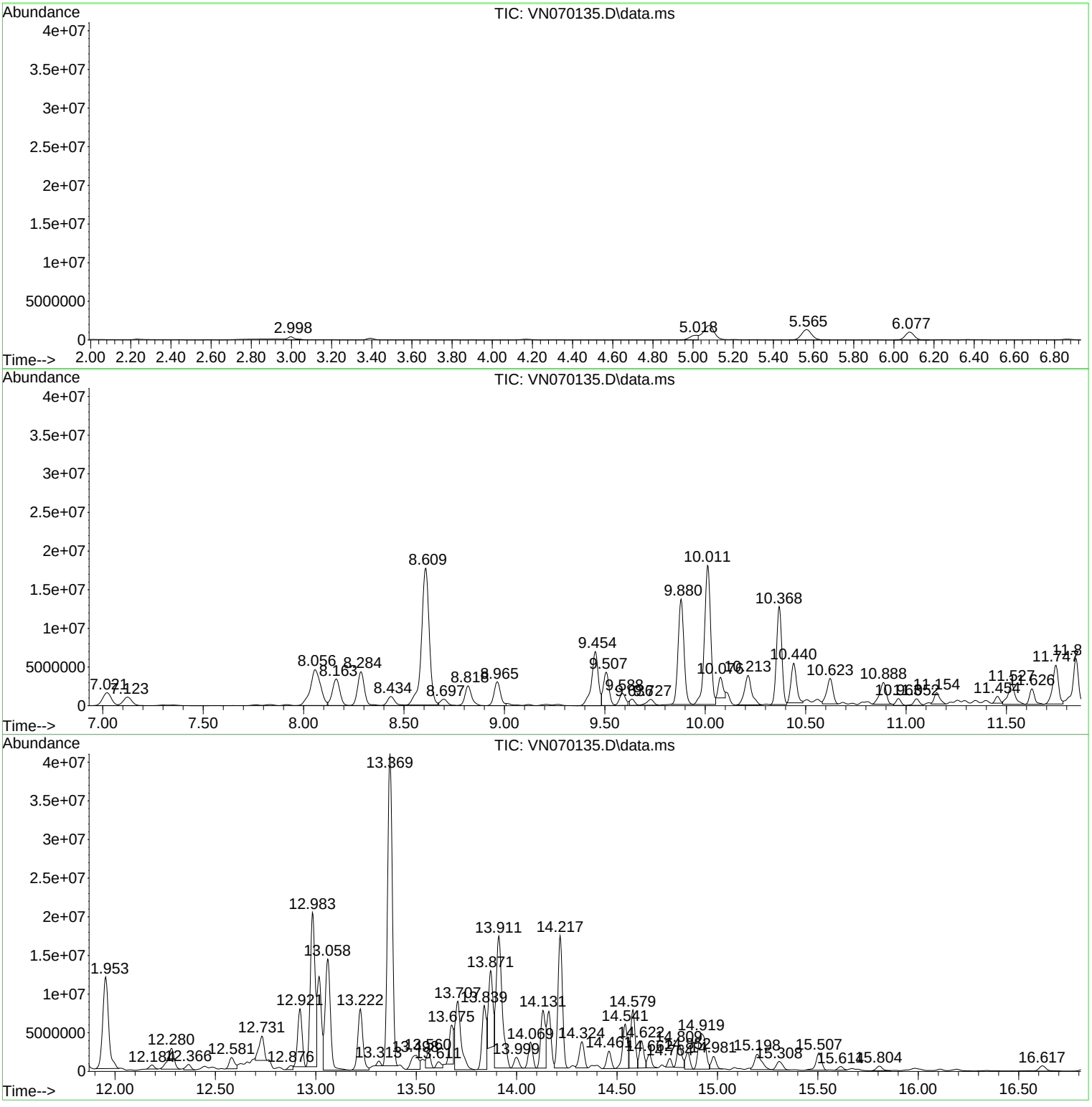
Sum of corrected areas: 730999177

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

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\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
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Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

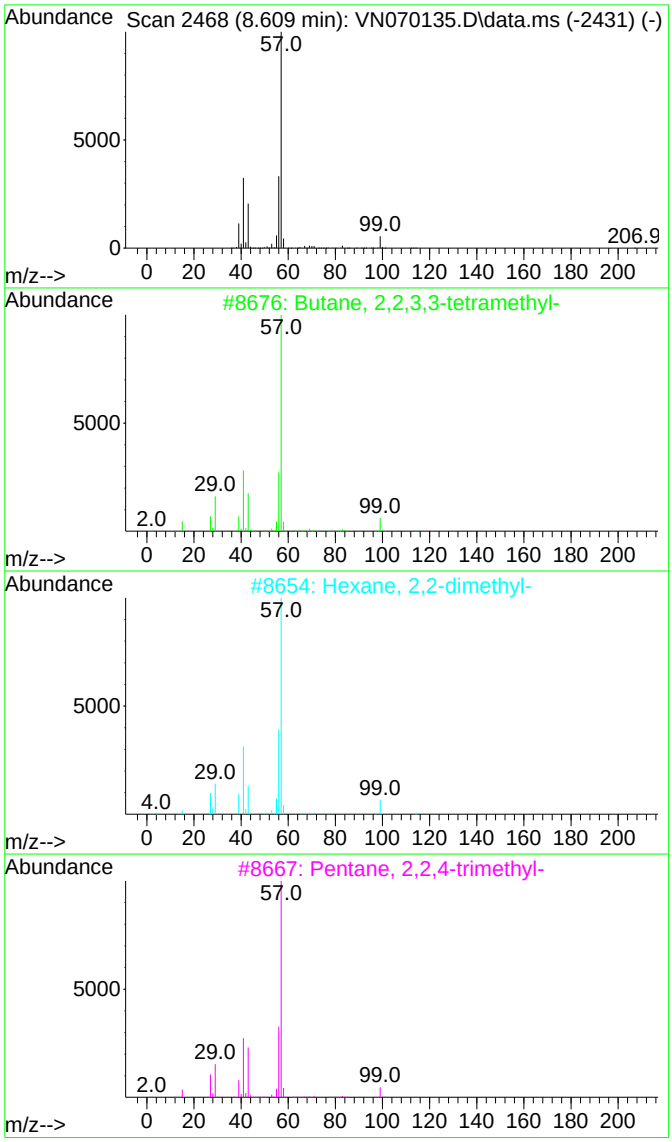
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

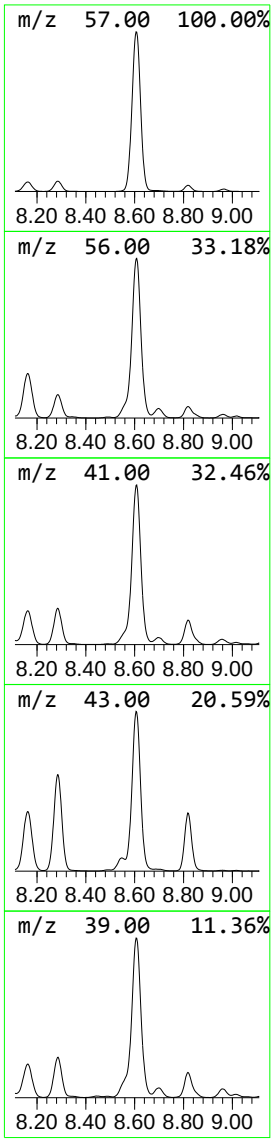
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.609	351.11 ug/l	48046600	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

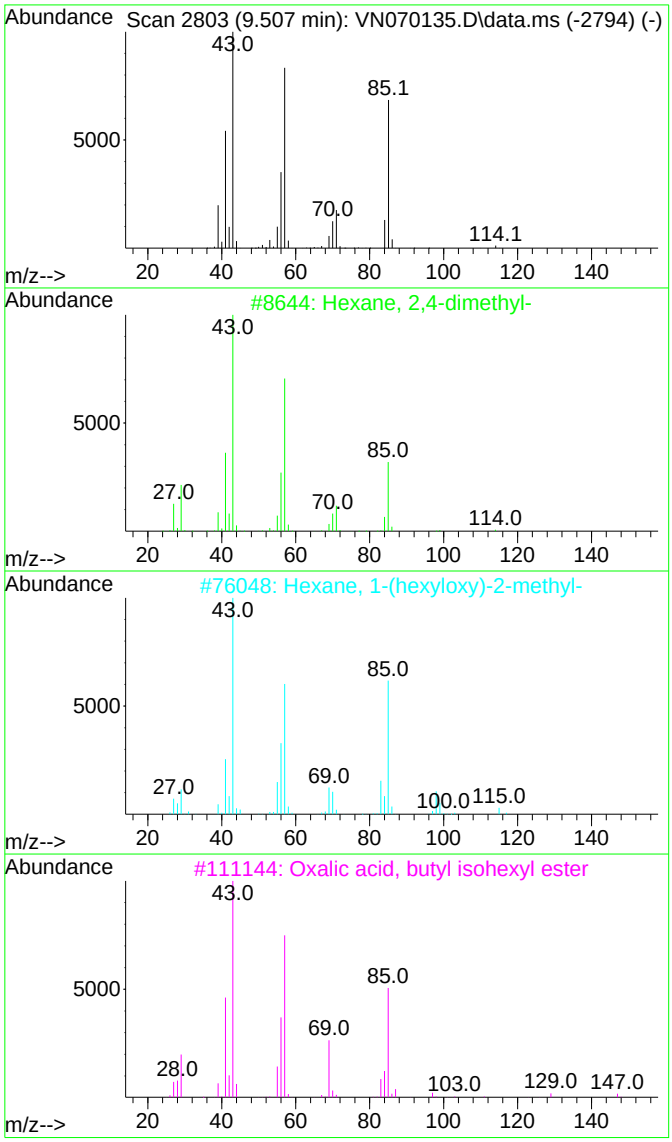
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

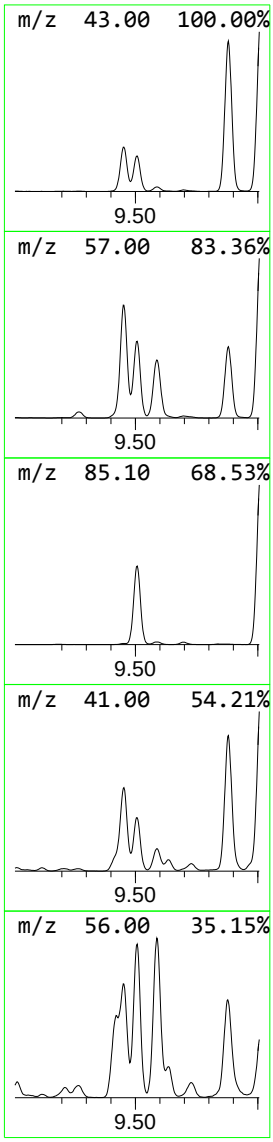
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexane, 2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.507	61.14 ug/l	8366850	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	78
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	72
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
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Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

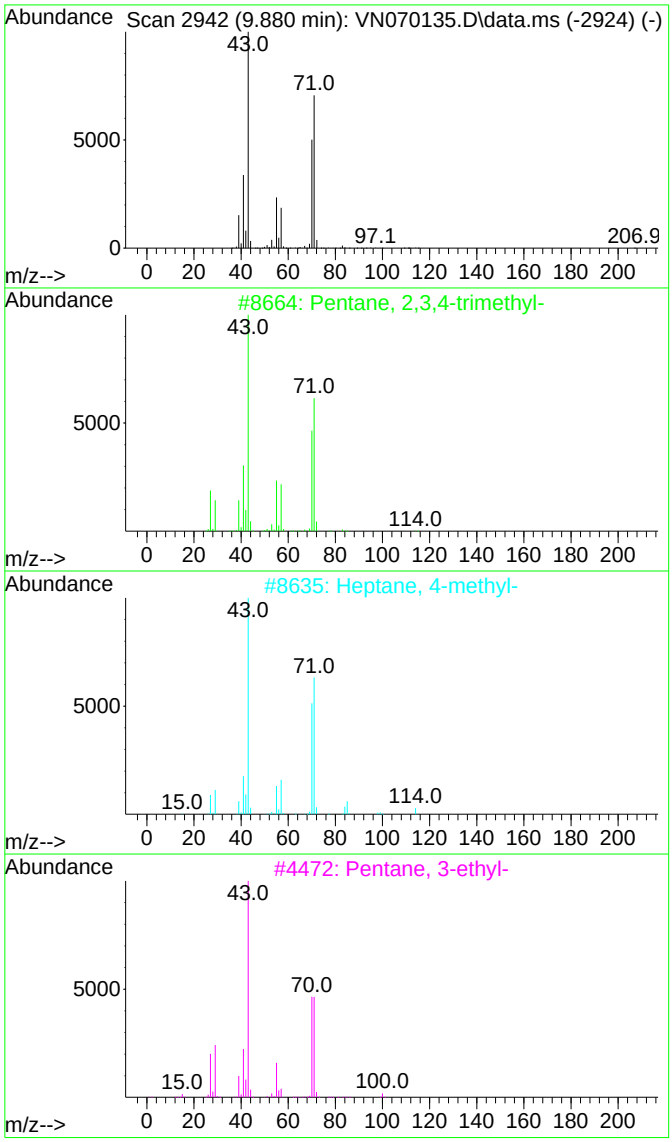
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

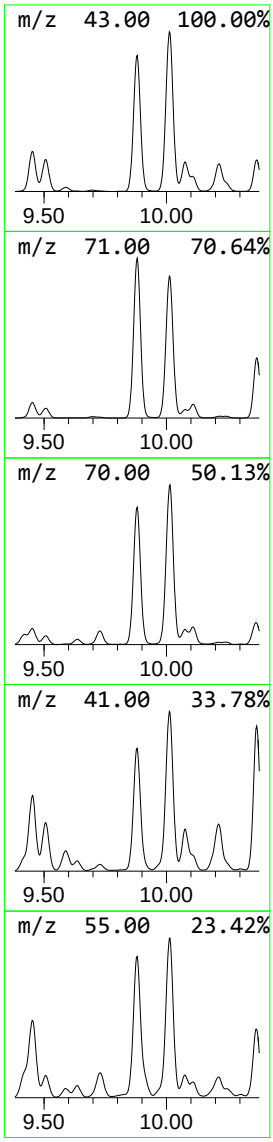
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	202.35 ug/l	27690100	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	72
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





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Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

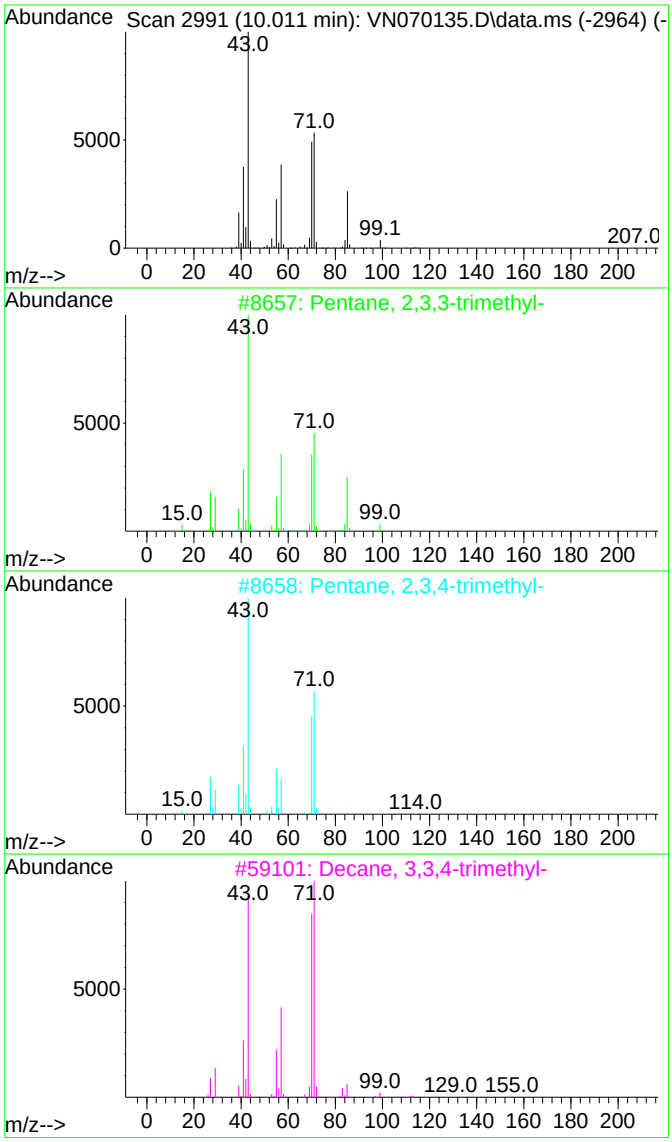
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

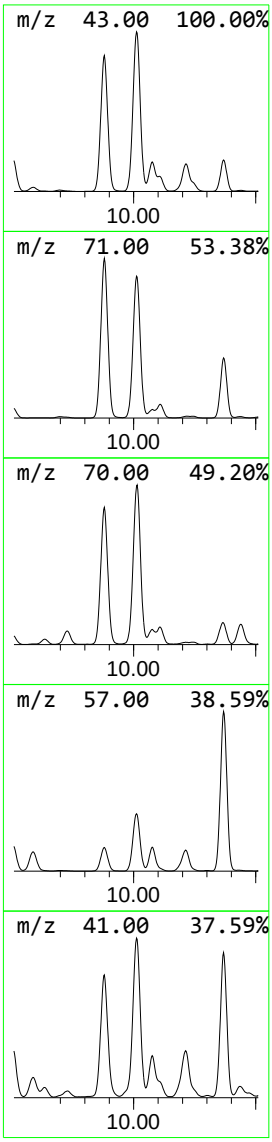
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.011	283.51 ug/l	38796900	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	81
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59





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Operator : JC/MD
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Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

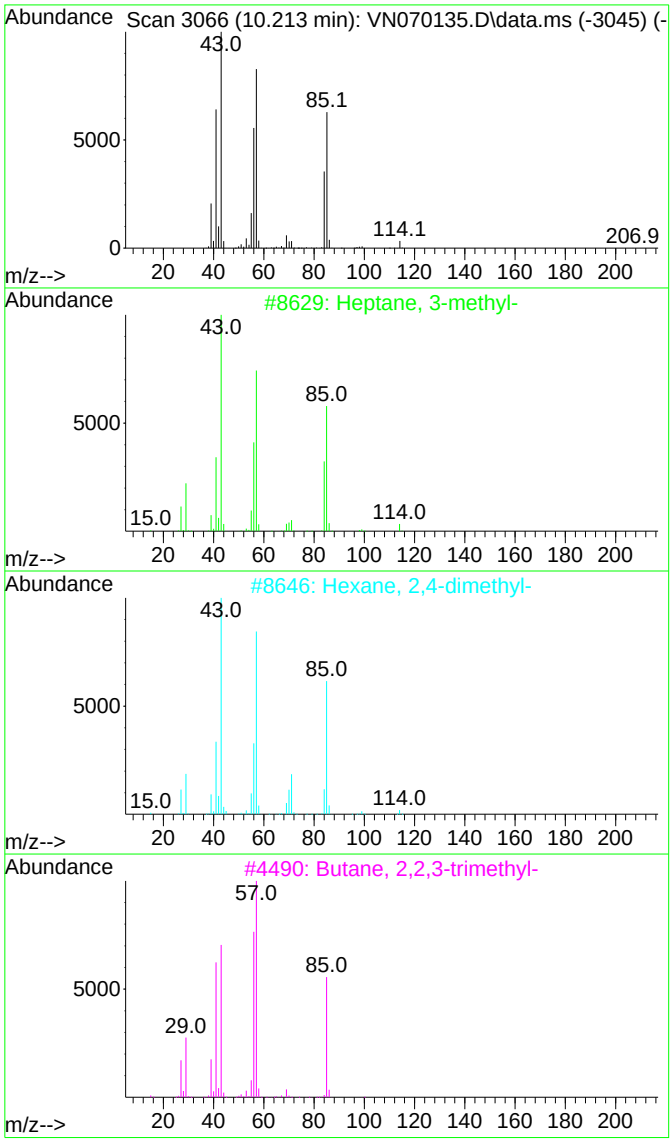
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

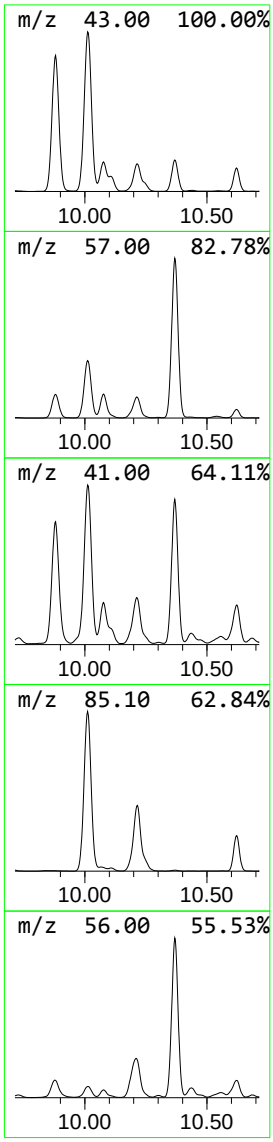
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	69.35 ug/l	9489650	1,4-Difluorobenzene	8.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

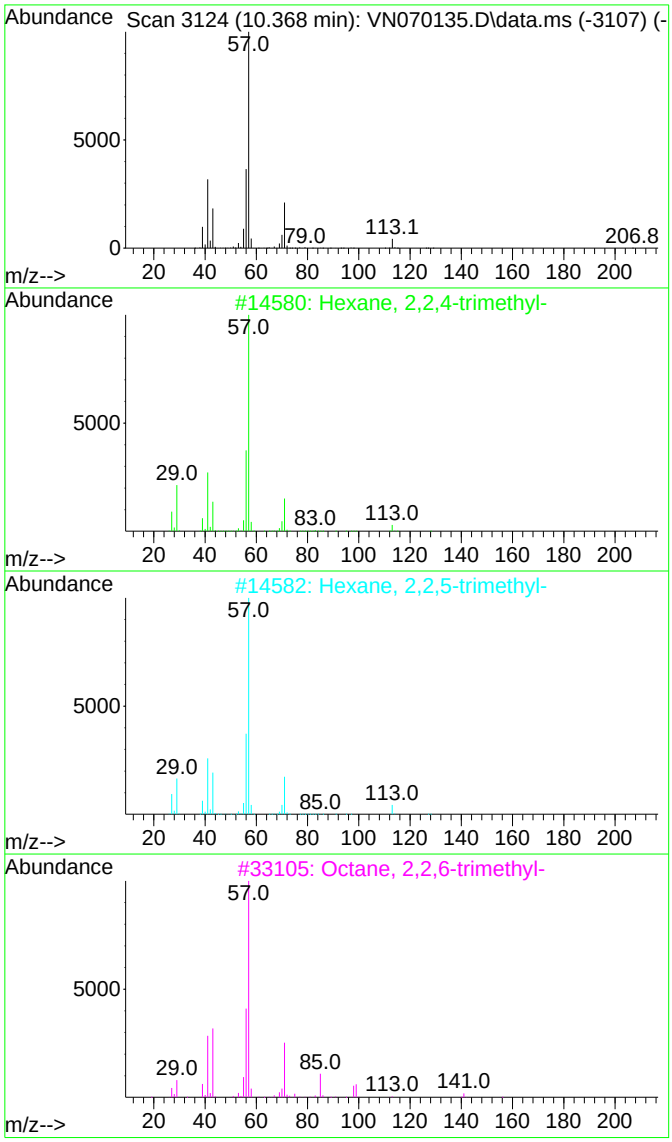
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

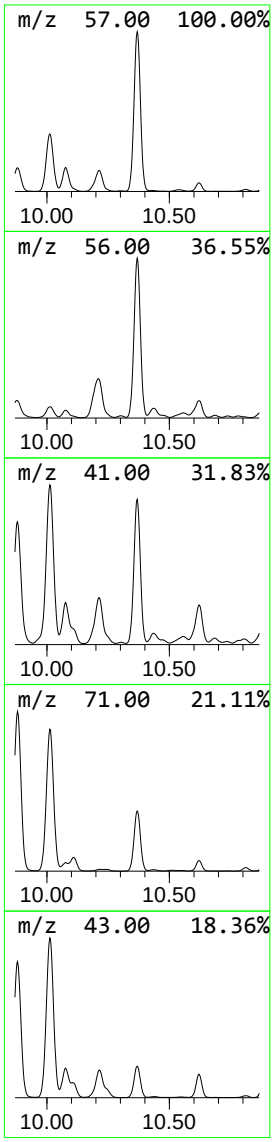
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	114.38 ug/l	23352600	Chlorobenzene-d5	11.747

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

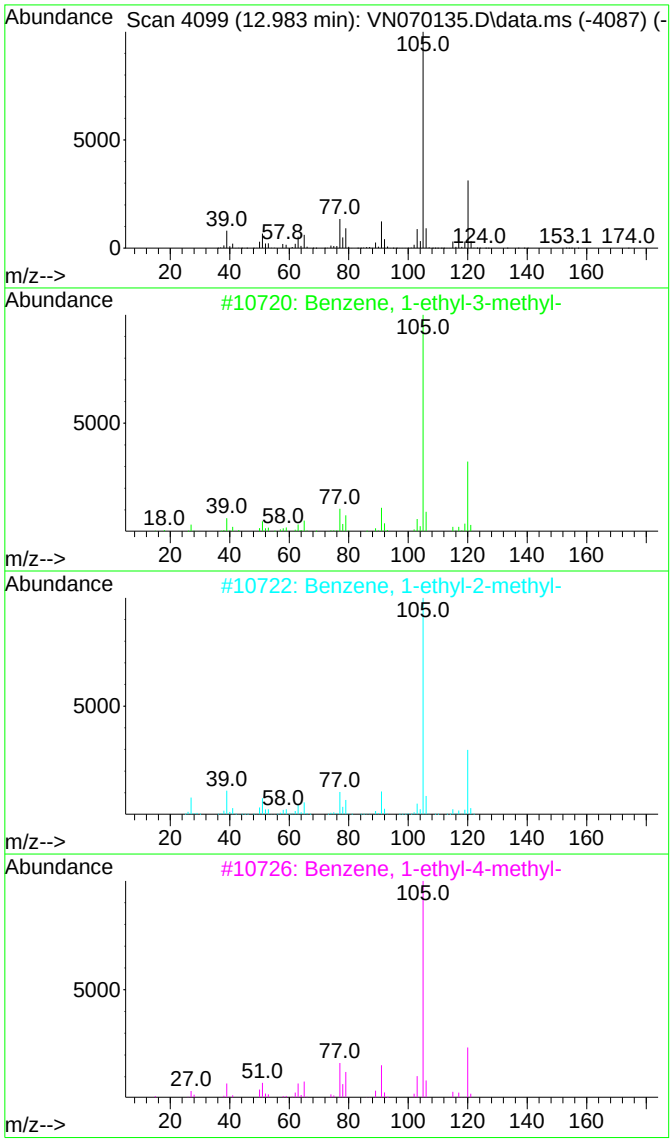
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

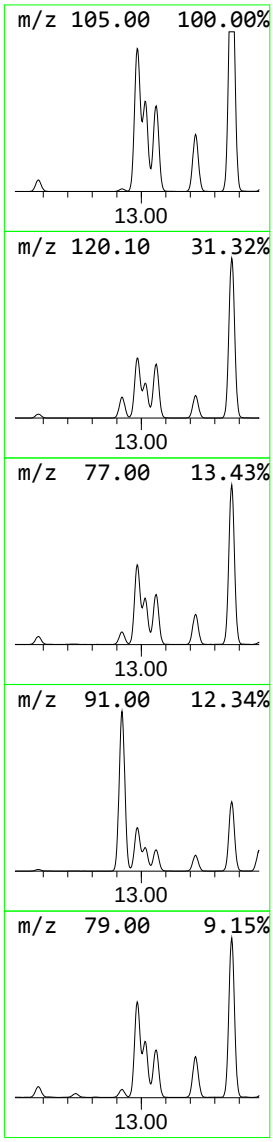
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	239.61 ug/l	33974800	1,4-Dichlorobenzene-d4	13.675

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

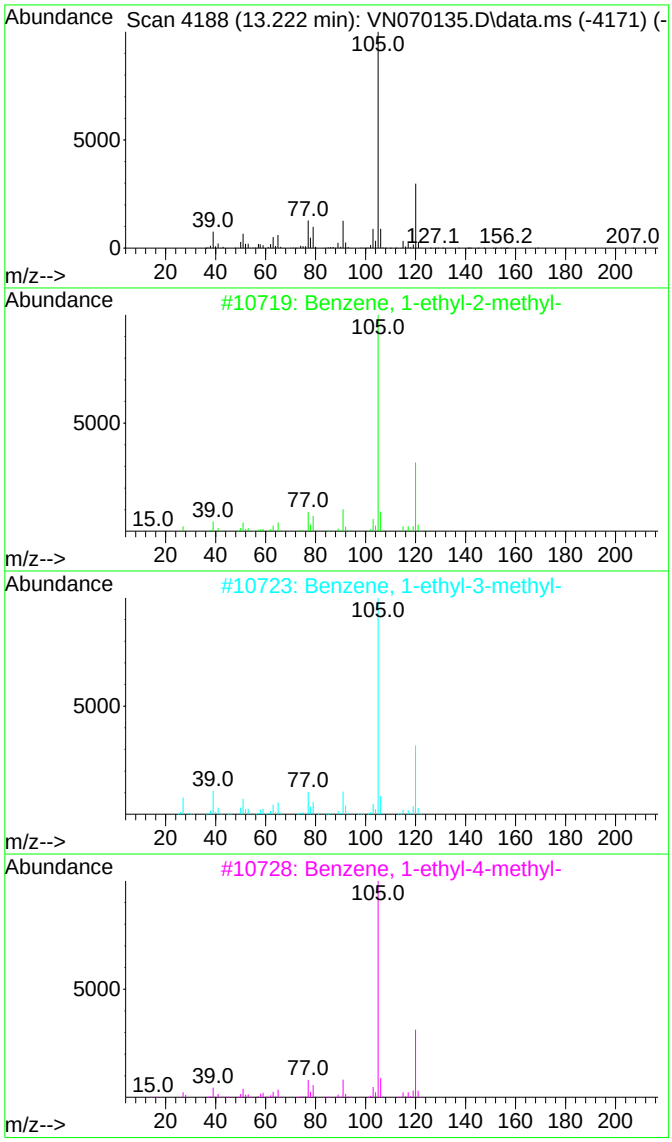
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

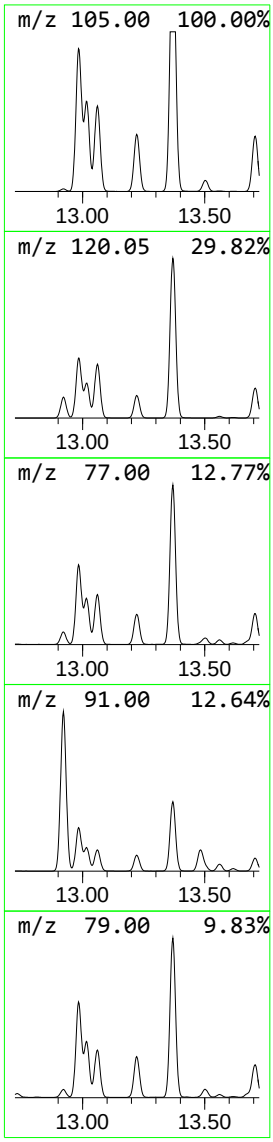
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	98.02 ug/l	13898200	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

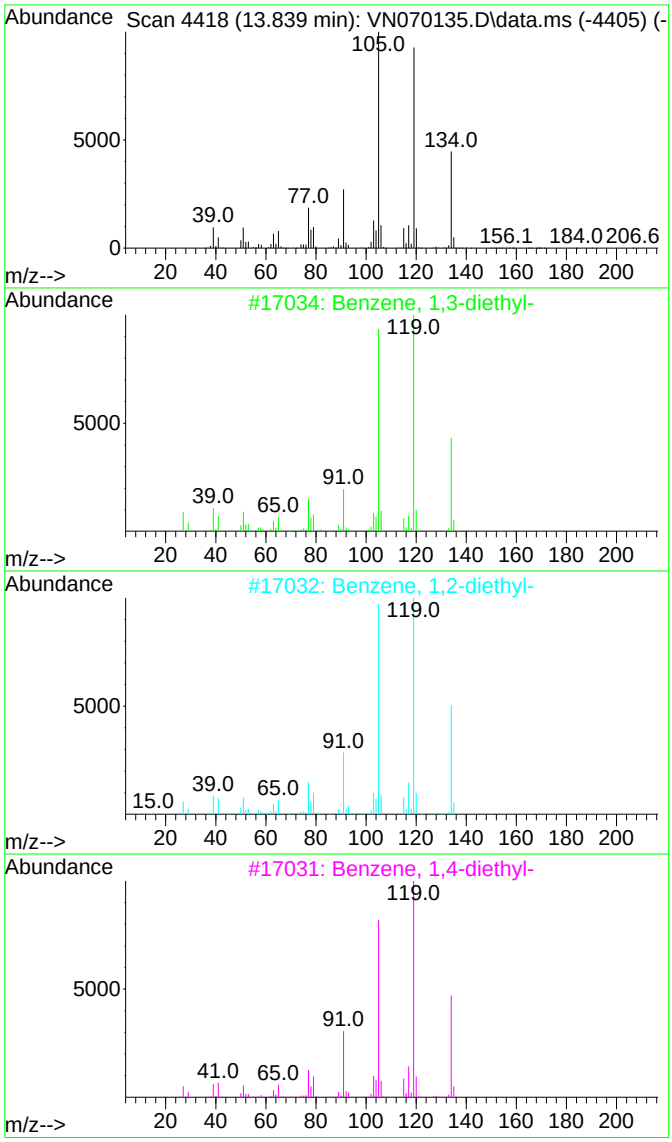
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

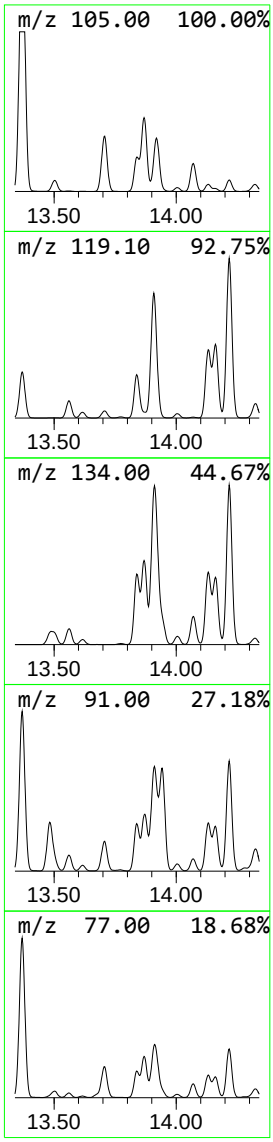
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	89.90 ug/l	12747500	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

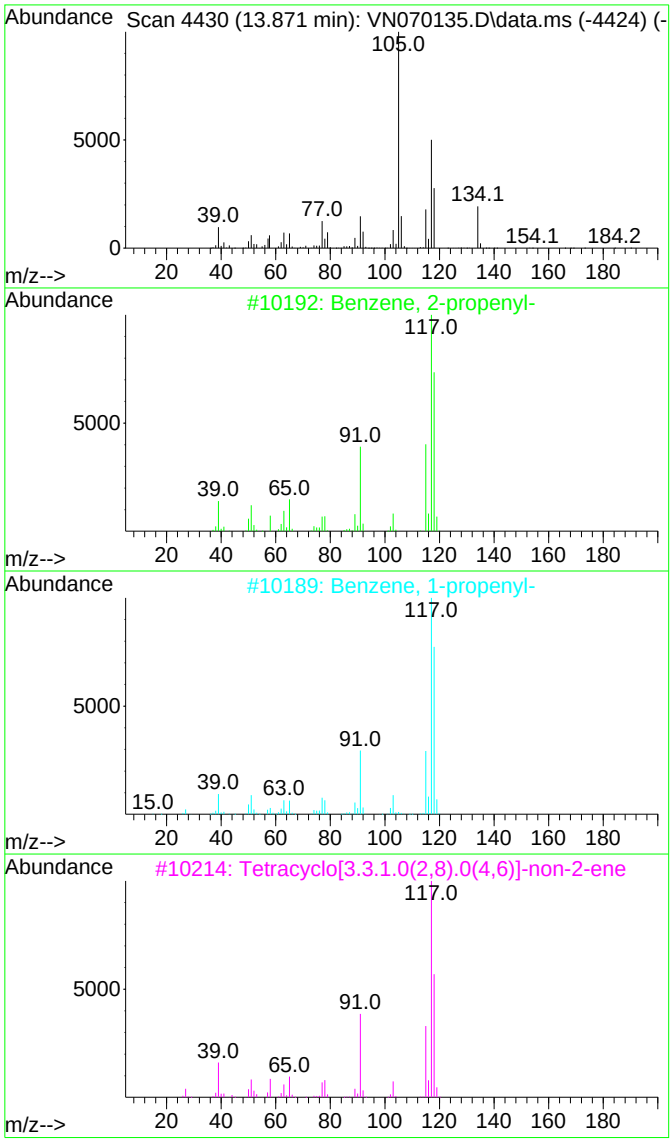
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

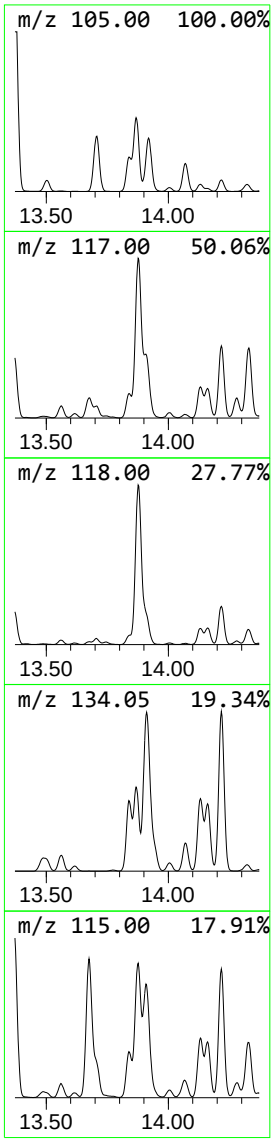
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	105.39 ug/l	14943400	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	46
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	45
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

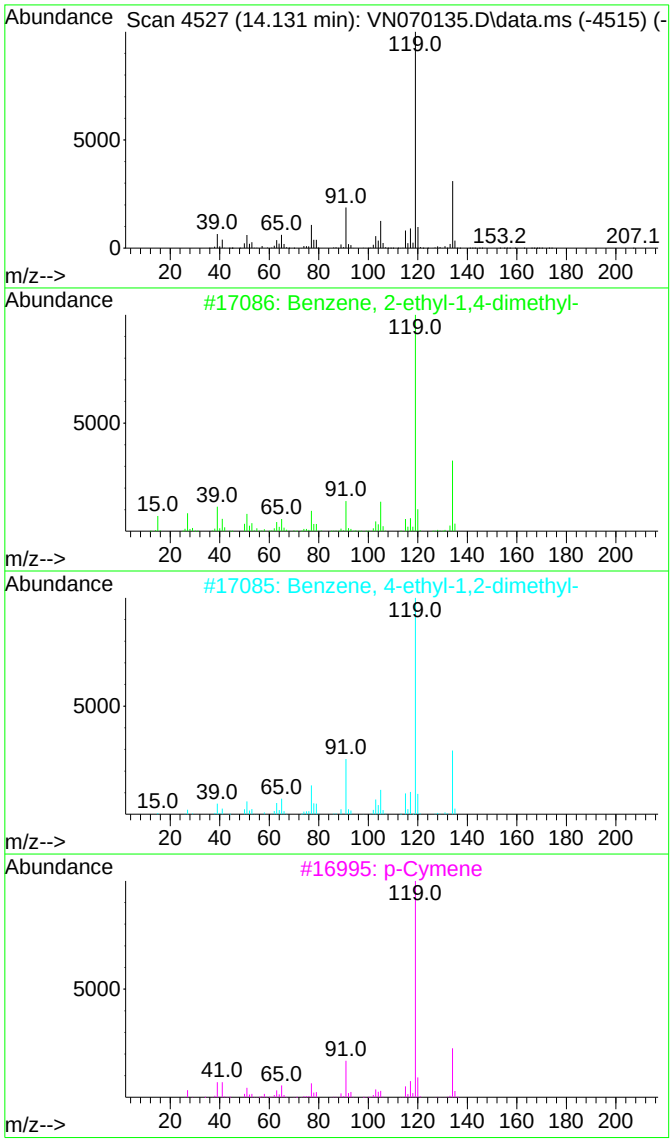
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

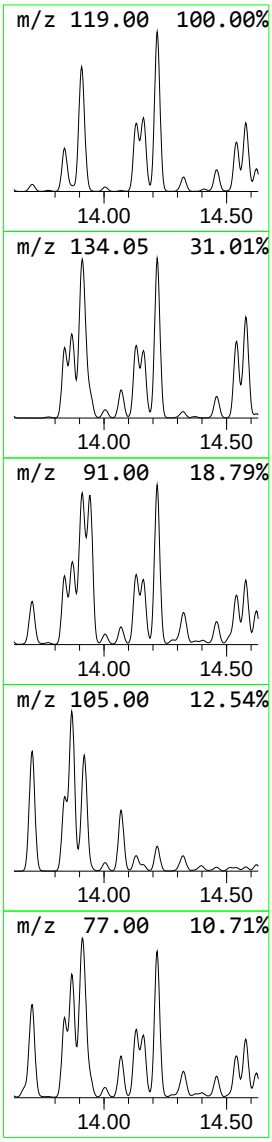
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.131	87.35 ug/l	12385700	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	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	p-Cymene	134	C10H14	000099-87-6	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\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

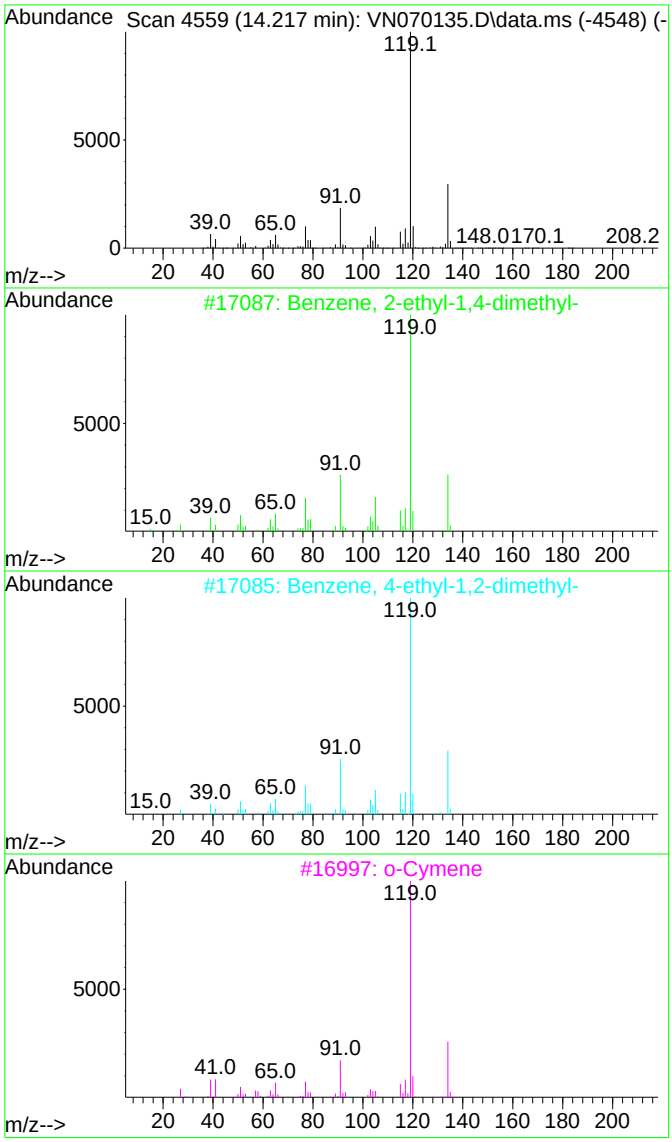
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

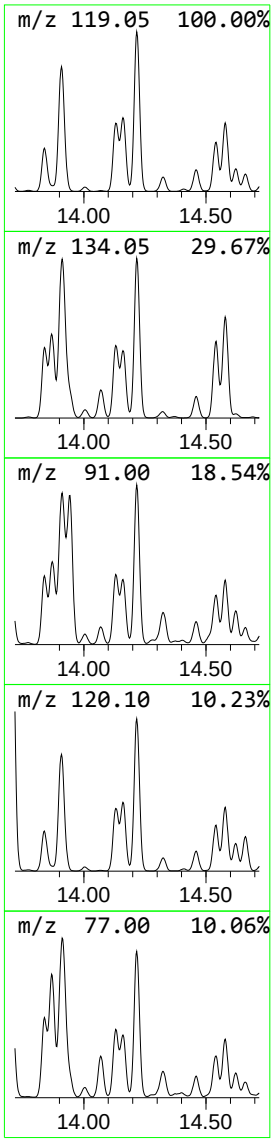
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	188.81 ug/l	26771400	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





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Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

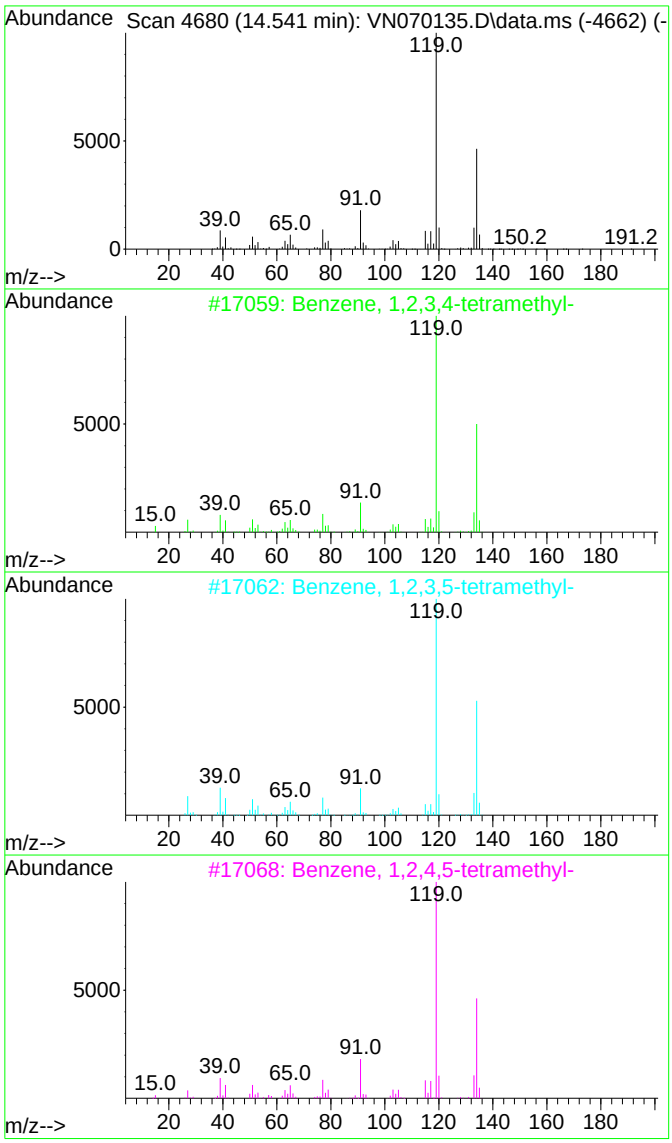
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

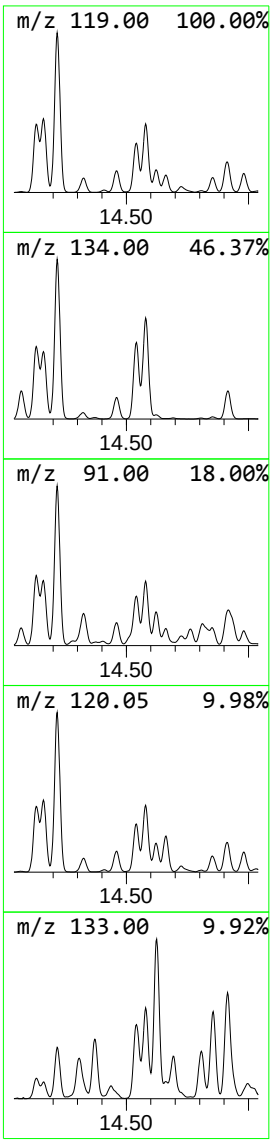
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	67.90 ug/l	9628290	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	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

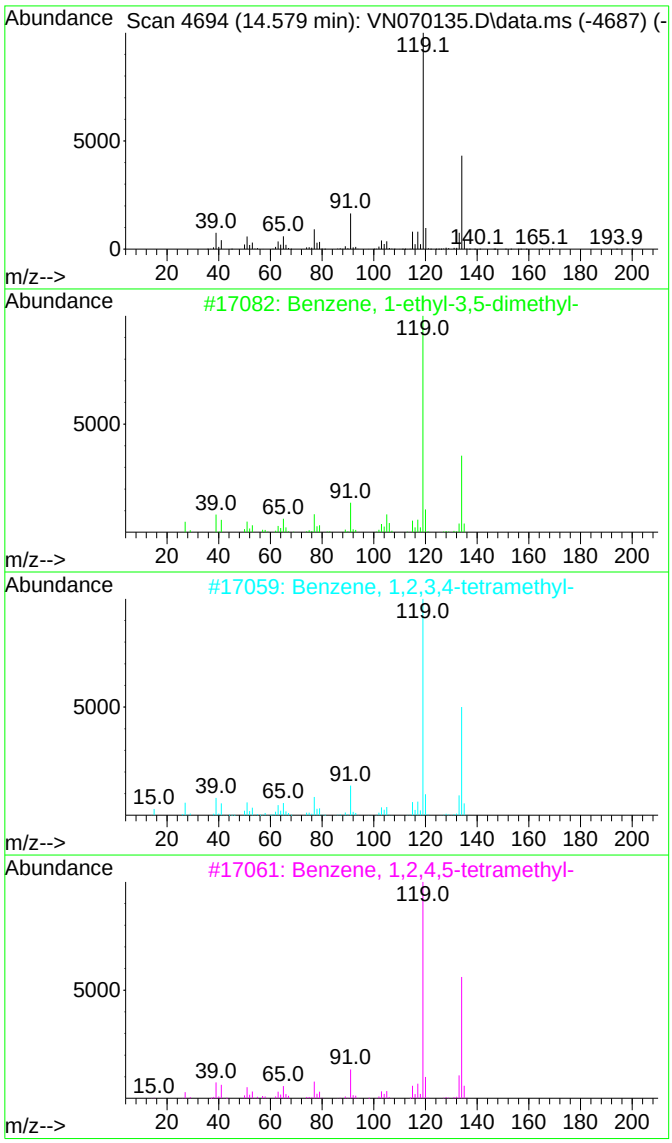
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

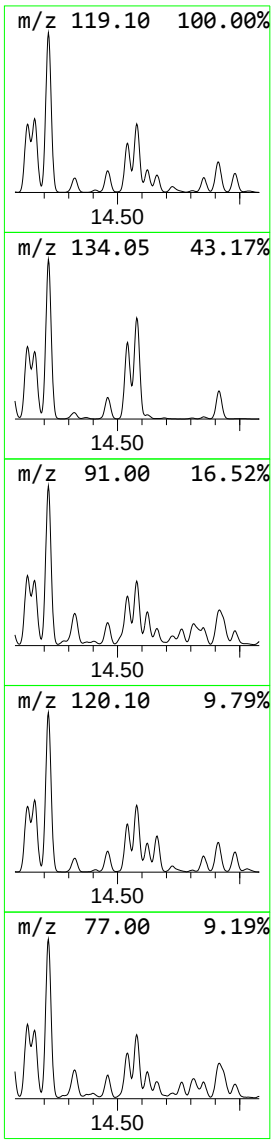
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	82.01 ug/l	11628000	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

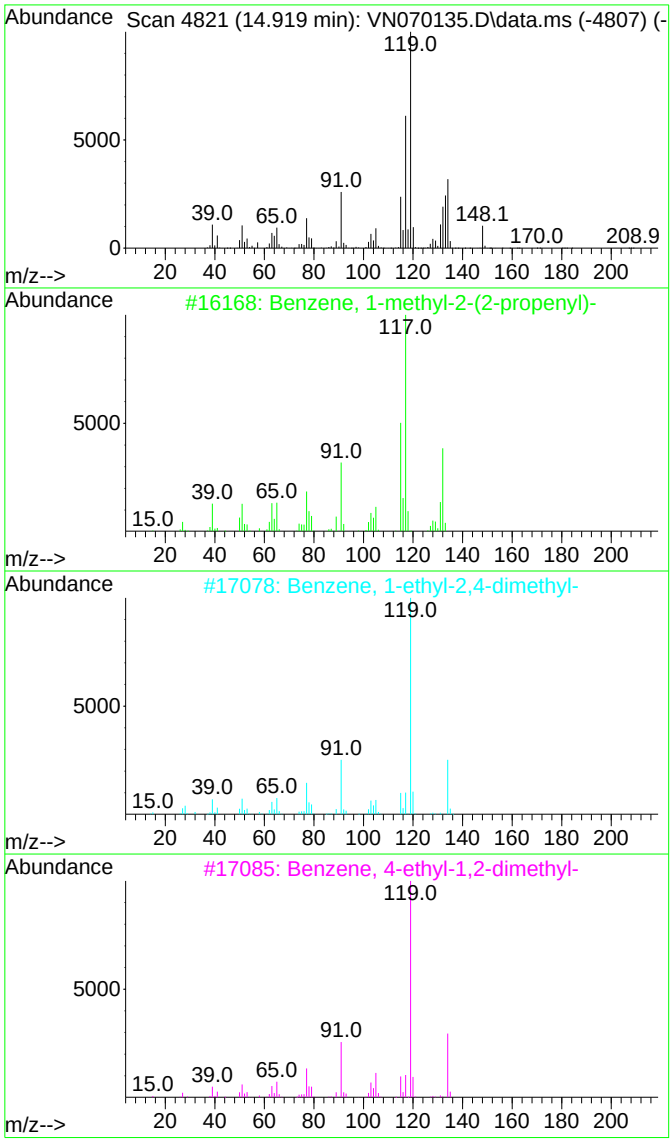
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

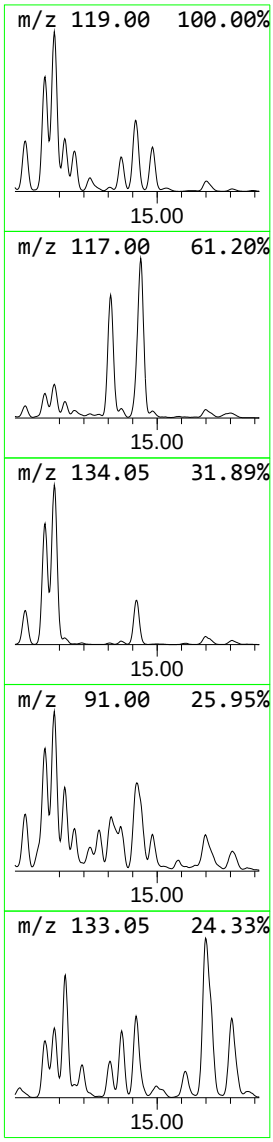
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.919	83.68 ug/l	11865100	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070135.D
Acq On : 16 Dec 2021 14:06
Operator : JC/MD
Sample : M5011-01
Misc : 5.81g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HSB-1-(9-9.5)

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
Butane, 2,2,3,3...	8.609	351.1	ug/l	48046600	2	8.965	6842200	50.0
Hexane, 2,4-dim...	9.507	61.1	ug/l	8366850	2	8.965	6842200	50.0
Pentane, 2,3,4-...	9.880	202.3	ug/l	27690100	2	8.965	6842200	50.0
Pentane, 2,3,3-...	10.011	283.5	ug/l	38796900	2	8.965	6842200	50.0
Heptane, 3-methyl-	10.213	69.3	ug/l	9489650	2	8.965	6842200	50.0
Hexane, 2,2,4-t...	10.368	114.4	ug/l	23352600	3	11.747	10208800	50.0
Benzene, 1-ethy...	12.983	239.6	ug/l	33974800	4	13.675	7089580	50.0
Benzene, 1-ethy...	13.222	98.0	ug/l	13898200	4	13.675	7089580	50.0
Benzene, 1,3-di...	13.839	89.9	ug/l	12747500	4	13.675	7089580	50.0
Benzene, 2-prop...	13.871	105.4	ug/l	14943400	4	13.675	7089580	50.0
Benzene, 2-ethy...	14.131	87.3	ug/l	12385700	4	13.675	7089580	50.0
Benzene, 4-ethy...	14.217	188.8	ug/l	26771400	4	13.675	7089580	50.0
Benzene, 1,2,3,...	14.541	67.9	ug/l	9628290	4	13.675	7089580	50.0
Benzene, 1-ethy...	14.579	82.0	ug/l	11628000	4	13.675	7089580	50.0
Benzene, 1-meth...	14.919	83.7	ug/l	11865100	4	13.675	7089580	50.0