LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

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\82N122721W.M
Title : SW846 8260

Signal : TIC: VN070634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	407	426	455	rBV	825675	1940837	1.97%	0.292%
2	5.074	1121	1150	1161	rBV4	798771	2804557	2.84%	0.422%
3	5.385	1243	1266	1297	rVB3	318780	1103382	1.12%	0.166%
4	5.618	1320	1353	1398	rBV3	2186635	7709845	7.81%	1.160%
5	6.466	1647	1669	1696	rVB2	666189	2047833	2.07%	0.308%
6	6.605	1698	1721	1743	rBV3	462982	1435056	1.45%	0.216%
7	6.900	1807	1831	1860	rBV2	625530	1887212	1.91%	0.284%
8	7.144	1900	1922	1943	rBV	3201266	9364979	9.49%	1.410%
9	7.844	2168	2183	2203	rVB2	1105238	2727165	2.76%	0.410%
10	8.021	2227	2249	2258	rBV2	671847	1683735	1.71%	0.253%
11	8.091	2259	2275	2292	rVV4	2785810	7550364	7.65%	1.136%
12	8.174	2293	2306	2332	rVB2	1177255	3155067	3.20%	0.475%
13	8.295	2333	2351	2365	rBV2	490024	1124812	1.14%	0.169%
14	8.451	2388	2409	2428	rBV3	1308589	3974518	4.03%	0.598%
15	8.614	2430	2470	2493	rVV8	1367418	8297315	8.41%	1.249%
16	8.708	2494	2505	2526	rVV3	527075	1325967	1.34%	0.200%
17	8.965	2580	2601	2630	rBV3	3090968	8434915	8.55%	1.270%
18	9.244	2697	2705	2725	rVB	593588	1199884	1.22%	0.181%
19	9.427	2752	2773	2775	rBV4	996009	1651453	1.67%	0.249%
20	9.802	2898	2913	2917	rBV7	563197	1007516	1.02%	0.152%
21	9.883	2933	2943	2960	rVB	961614	1896258	1.92%	0.285%
22	9.971	2961	2976	2984	rBV	1902666	3621215	3.67%	0.545%
23	10.017	2986	2993	3021	rVB3	1664570	3344510	3.39%	0.503%
24	10.202	3047	3062	3070	rBV	746792	1562812	1.58%	0.235%
25	10.323	3093	3107	3119	rBV	1402527	2533210	2.57%	0.381%
26	10.441	3135	3151	3164	rBV	3226610	6127860	6.21%	0.922%
27	10.505	3164	3175	3186	rVV	1516741	2898150	2.94%	0.436%
28	10.859	3294	3307	3328	rVB5	762456	1752742	1.78%	0.264%
29	11.130	3399	3408	3419	rVB	722983	1209215	1.23%	0.182%
30	11.744	3621	3637	3652	rBV	3264401	5961694	6.04%	0.897%
31	11.846	3657	3675	3696	rVV2	52609261	98704145	100.00%	14.857%
32	11.956	3697	3716	3742	rVB2	47408092	95242113	96.49%	14.336%
33	12.280	3812	3837	3856	rBV	14303548	24731070	25.06%	3.723%
34	12.578	3934	3948	3963	rVB	5891442	9528920	9.65%	1.434%
35	12.731	3989	4005	4025	rVB	2581697	4553458	4.61%	0.685%
36	12.919	4060	4075	4089	rBV	10970154	17822513	18.06%	2.683%

LSC Area Percent Report

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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
MW-47

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Title : SW846 8260

37	13.015	4089	4111	4120	rVV	10482371	18843186	19.09%	2.836%
38	13.058	4120	4127	4145	rVB	6350417	10012448	10.14%	1.507%
39	13.219	4171	4187	4209	rBV	14540282	24139800	24.46%	3.634%
40	13.367	4227	4242	4258	rBV	20755963	34722912	35.18%	5.226%
41	13.498	4273	4291	4304	rVB4	964728	2440067	2.47%	0.367%
42	13.704	4344	4368	4388	rBV	12997676	25890474	26.23%	3.897%
43	13.839	4404	4418	4422	rBV	8951590	13200248	13.37%	1.987%
44	13.876	4422	4432	4445	rVB2	37821304	63695890	64.53%	9.588%
45	14.002	4468	4479	4488	rBV	1036173	1598044	1.62%	0.241%
46	14.059	4488	4500	4515	rVB2	3793589	6936110	7.03%	1.044%
47	14.131	4515	4527	4546	rBV2	1800246	4082488	4.14%	0.614%
48	14.217	4546	4559	4572	rVV	9838479	15363767	15.57%	2.313%
49	14.278	4572	4582	4589	rVV	1671030	2655994	2.69%	0.400%
50	14.327	4589	4600	4618	rVB2	7257801	12406580	12.57%	1.867%
51	14.461	4639	4650	4661	rVB3	682143	1091370	1.11%	0.164%
52	14.539	4662	4679	4687	rBV	3661287	6009903	6.09%	0.905%
53	14.579	4687	4694	4704	rVB	2037219	2957369	3.00%	0.445%
54	14.809	4767	4780	4792	rBV	4496004	7321411	7.42%	1.102%
55	14.930	4806	4825	4838	rBV3	5743197	12362688	12.52%	1.861%
56	14.995	4838	4849	4864	rVB4	1241085	2240027	2.27%	0.337%
57	15.083	4868	4882	4898	rBV2	2165940	3846536	3.90%	0.579%
58	15.193	4902	4923	4934	rBV6	958686	2300767	2.33%	0.346%
59	15.308	4951	4966	4985	rVB4	968241	2397552	2.43%	0.361%
60	15.504	5022	5039	5063	rVB	15829519	30012112	30.41%	4.517%
61	15.609	5064	5078	5092	rBV3	900865	1746228	1.77%	0.263%
62	16.617	5439	5454	5485	rVB	1804830	4172978	4.23%	0.628%

Sum of corrected areas: 664363246

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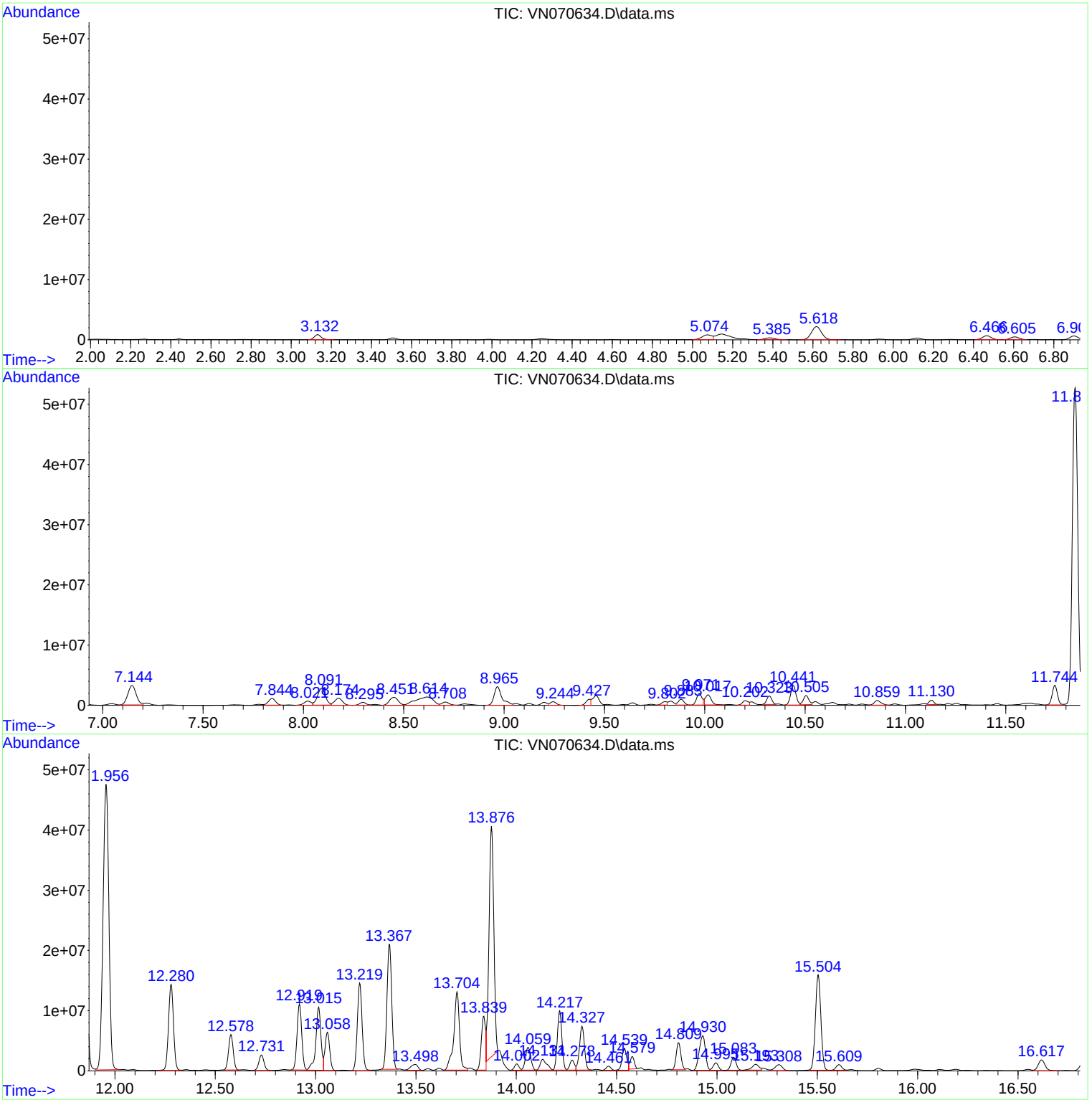
MSVOA_N
ClientSampleId :
MW-47

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
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Operator : JC/MD
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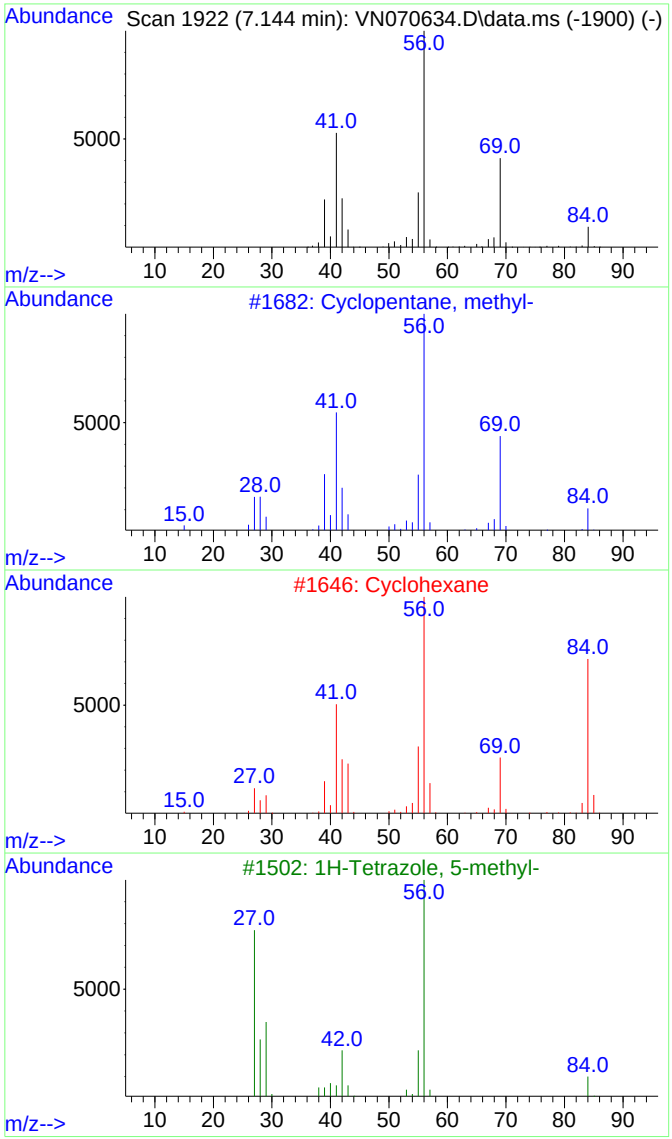
Quant Title : SW846 8260

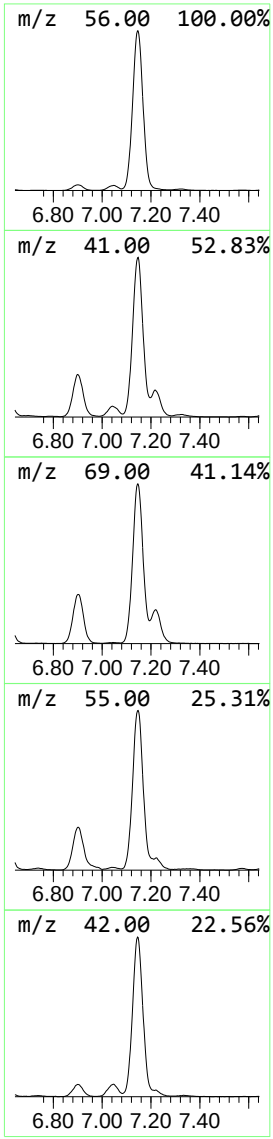
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.144	62.02 ug/l	9364980	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	Cyclopropane, propyl-	84	C6H12	002415-72-7	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

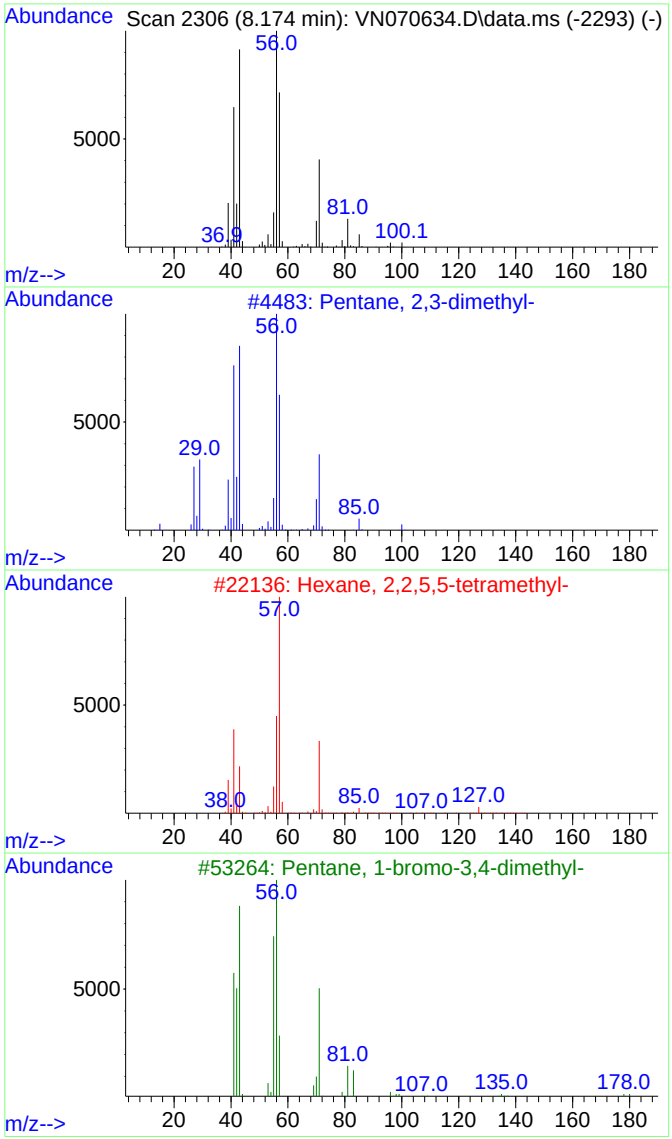
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

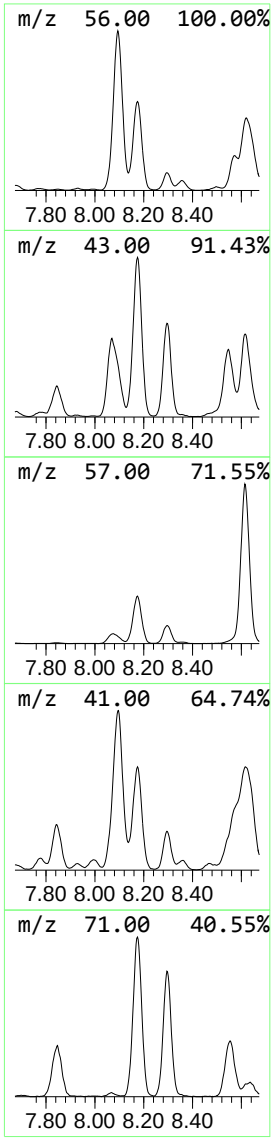
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	20.89 ug/l	3155070	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	93
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
3	Pentane, 1-bromo-3,4-dimethyl-	178	C7H15Br	006570-92-9	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
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Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

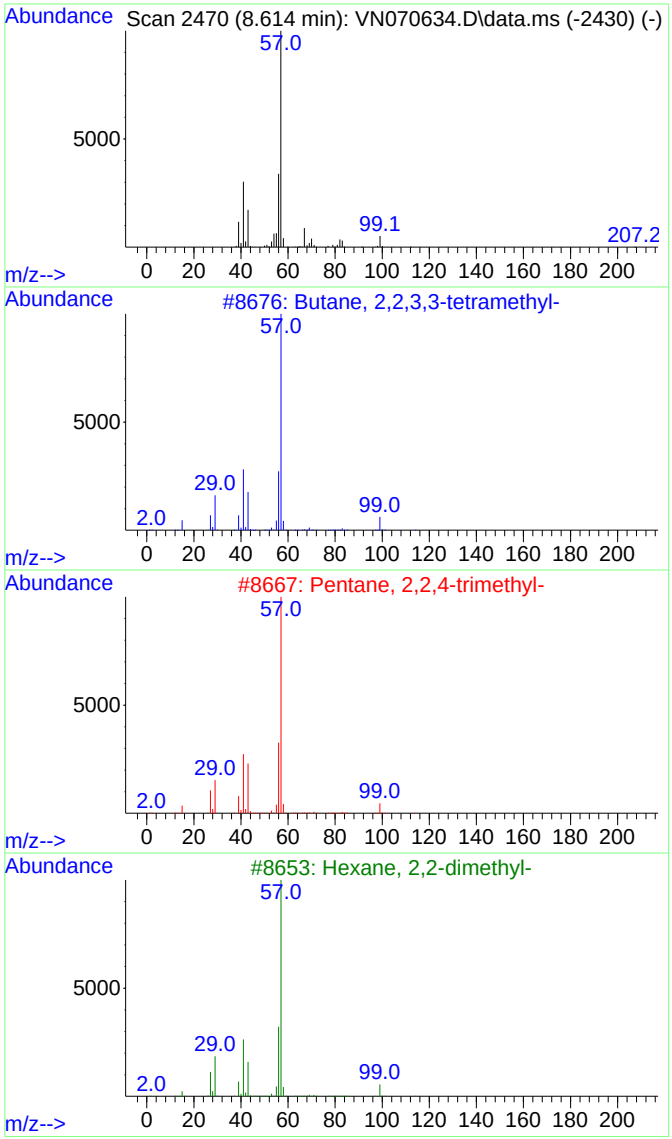
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

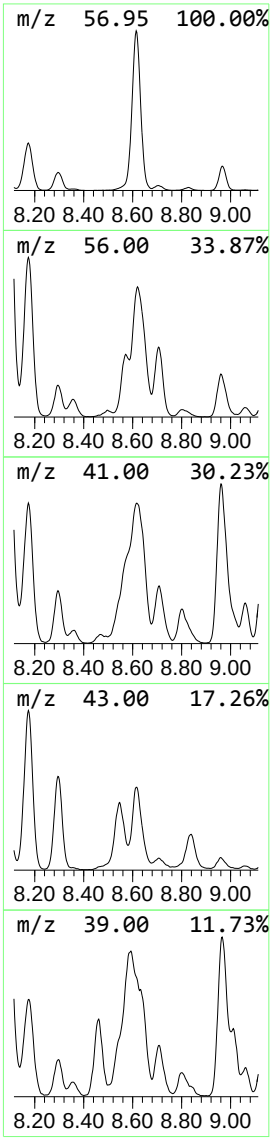
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.614	49.18 ug/l	8297320	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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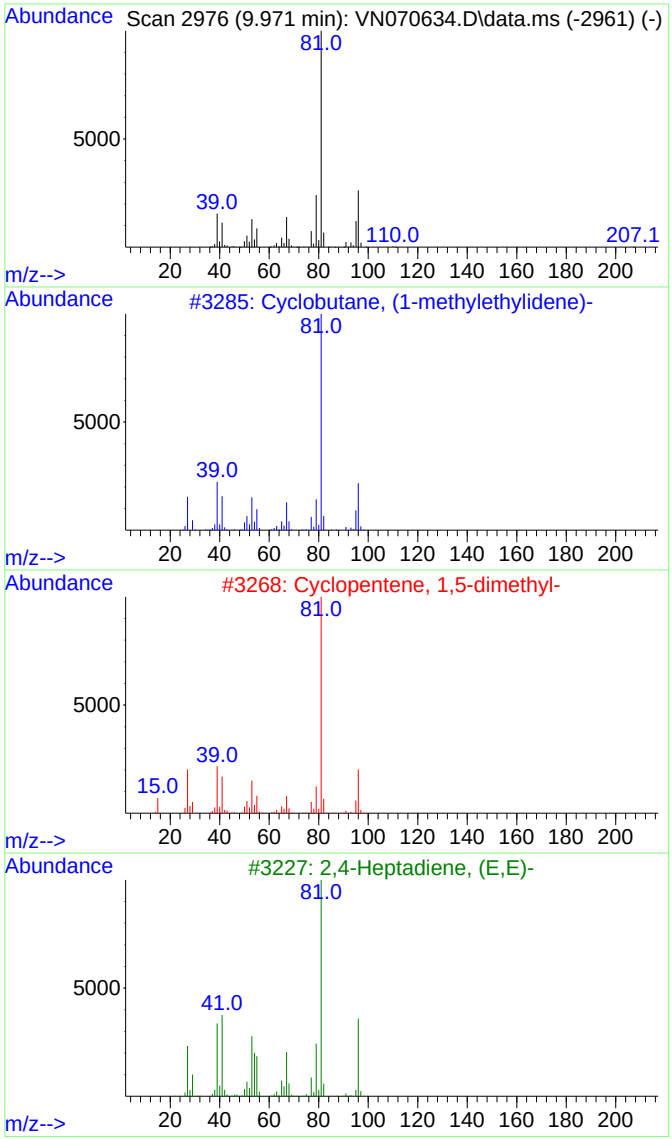
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

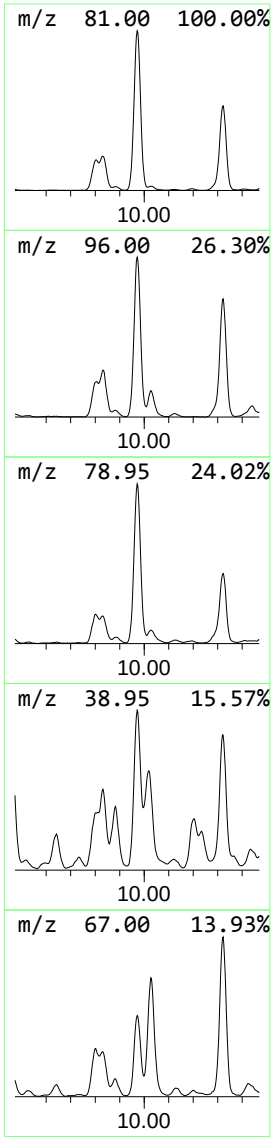
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclobutane, (1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.971	21.47 ug/l	3621220	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
3	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	90
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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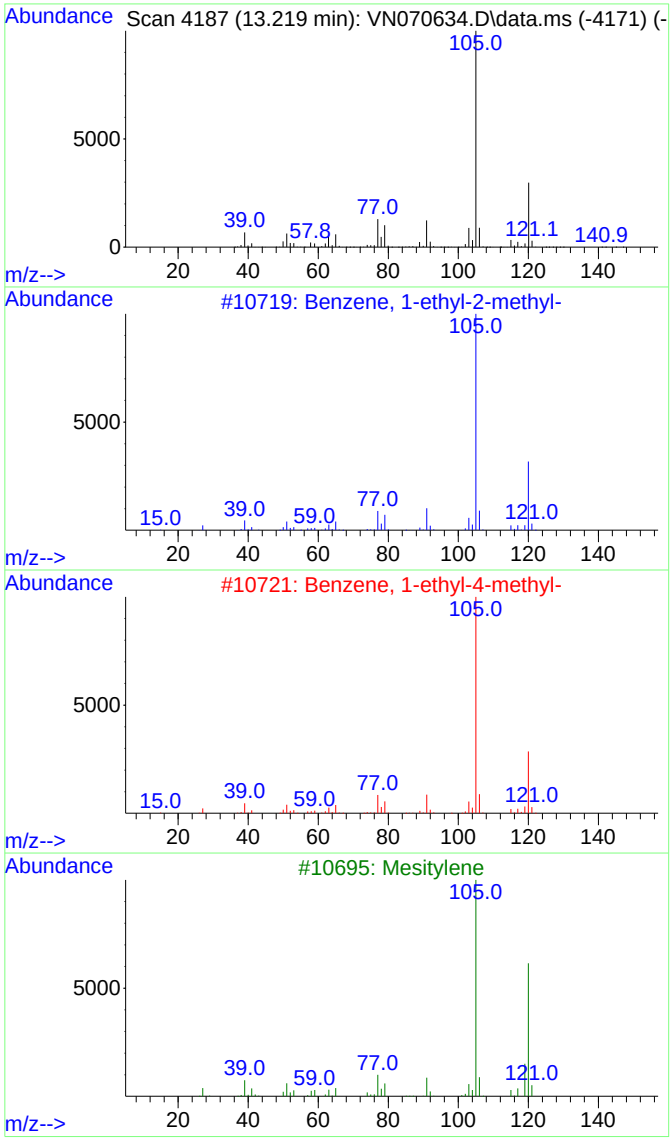
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

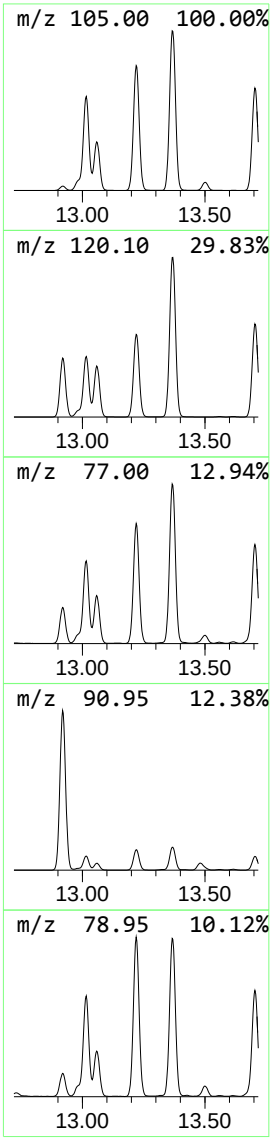
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	46.62 ug/l	24139800	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-4-methyl-	120	C9H12	000622-96-8	91
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





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MSVOA_N
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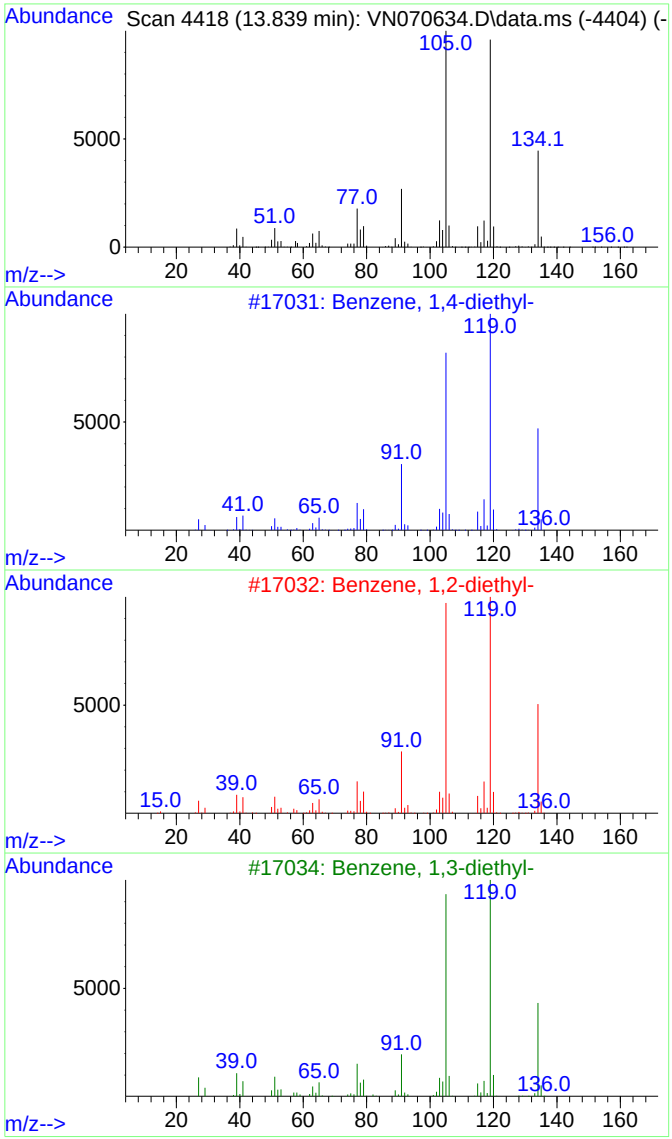
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

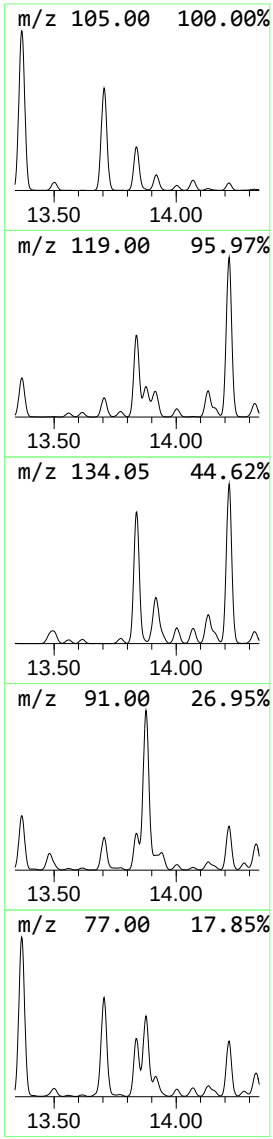
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	25.49 ug/l	13200200	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

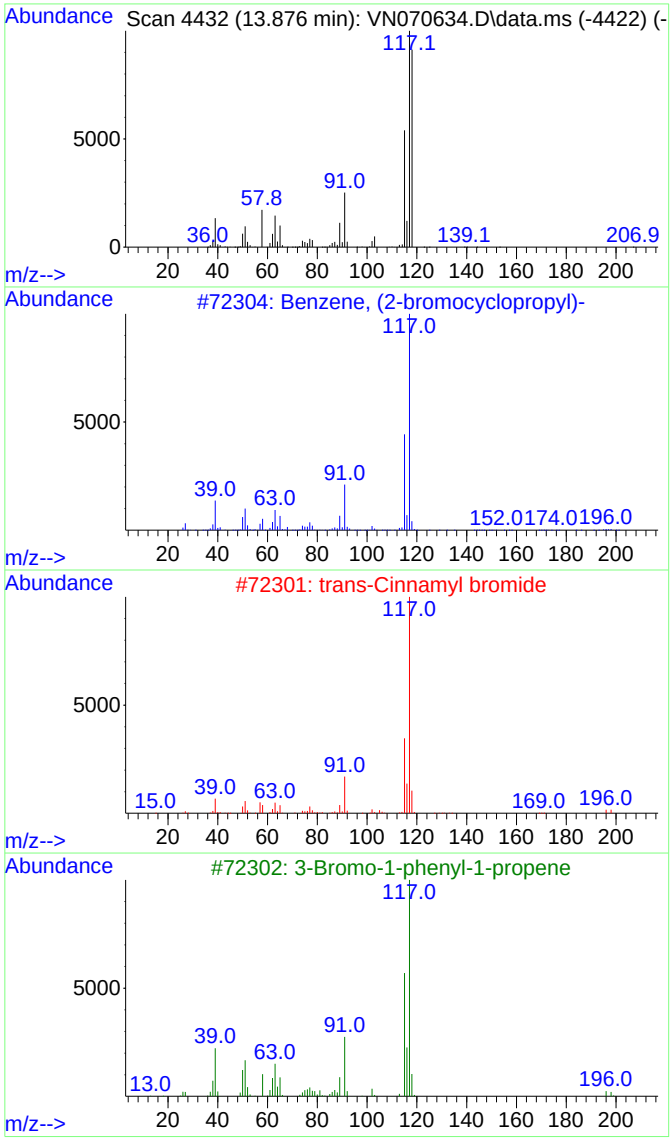
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

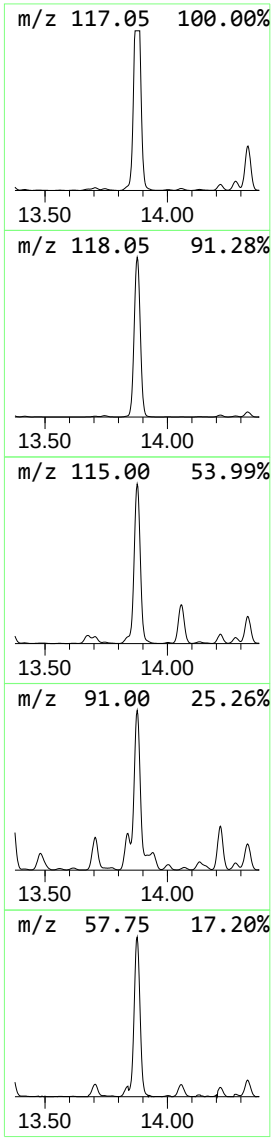
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-bromocyclopropyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	123.01 ug/l	63695900	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	43
3	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	38
4	Bicyclo[4.2.1]nona-2,4,7-triene,...	274	C15H14Se	072065-43-1	38
5	Indole	117	C8H7N	000120-72-9	35





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Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

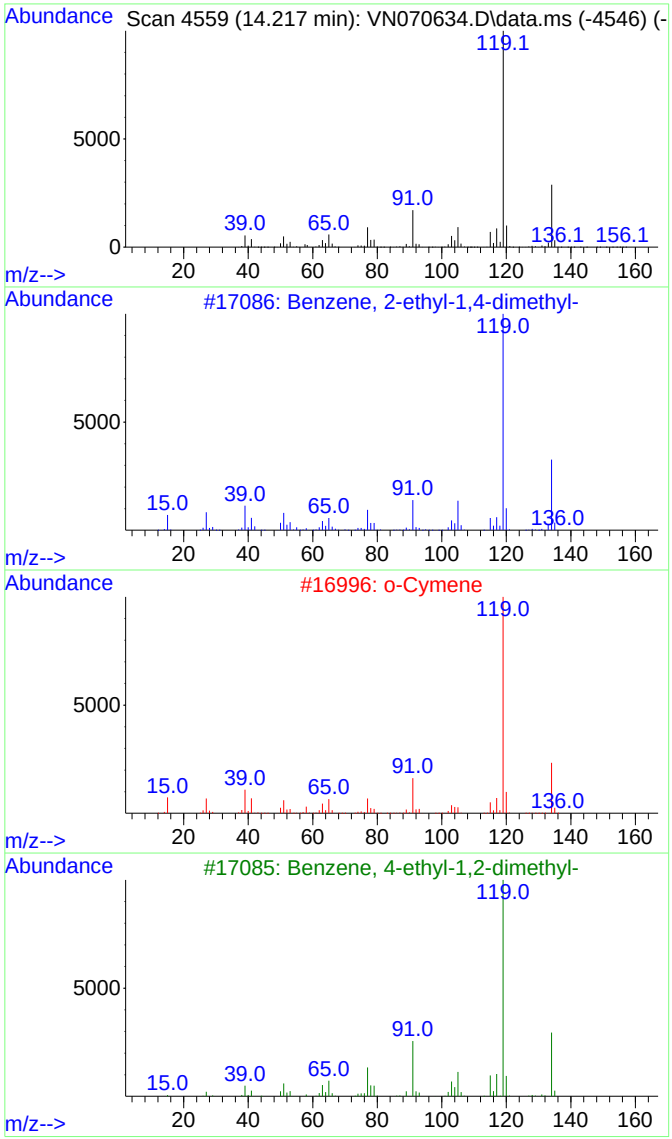
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

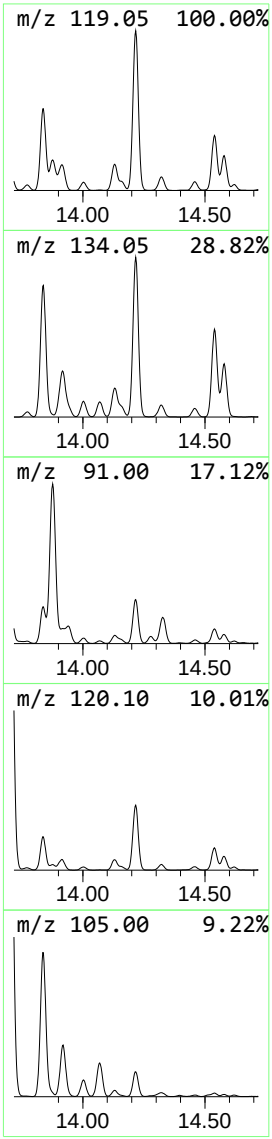
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	29.67 ug/l	15363800	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	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

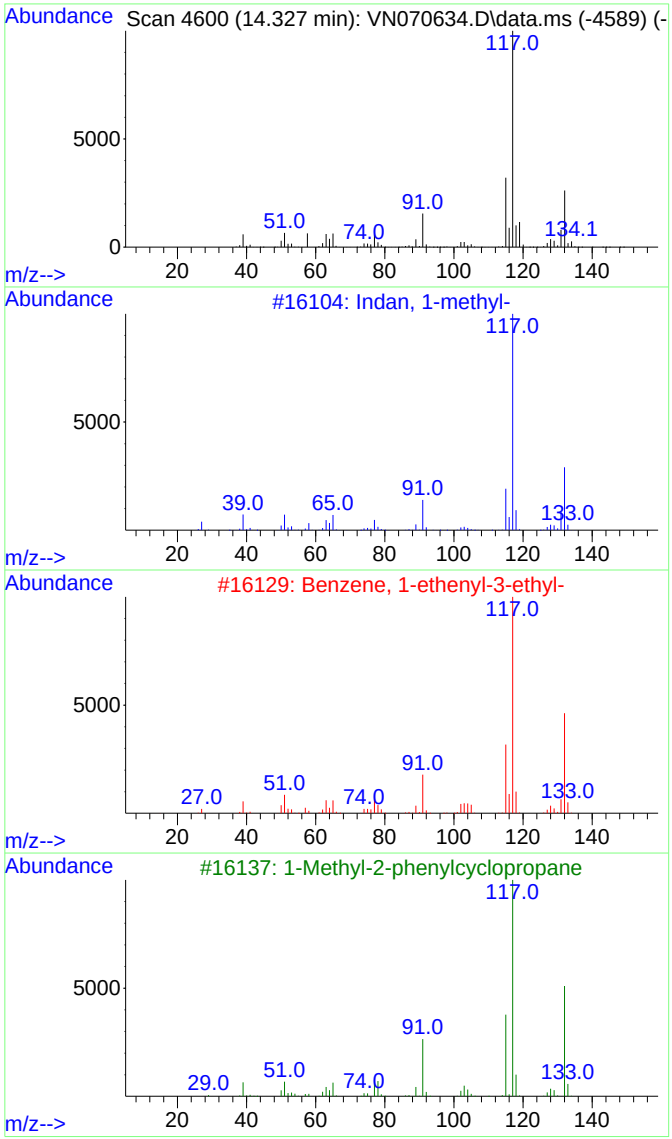
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

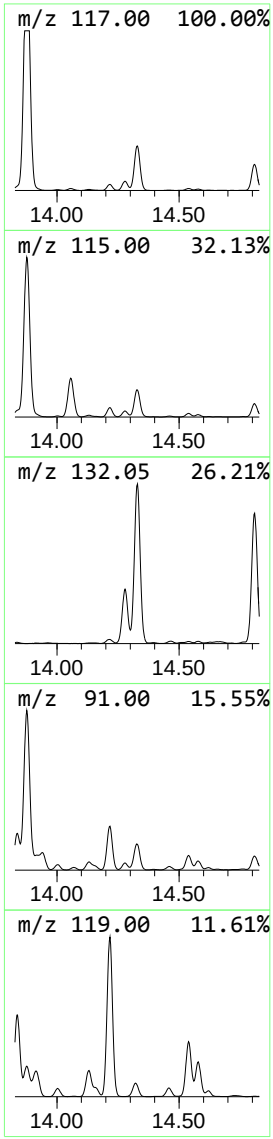
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.327	23.96 ug/l	12406600	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

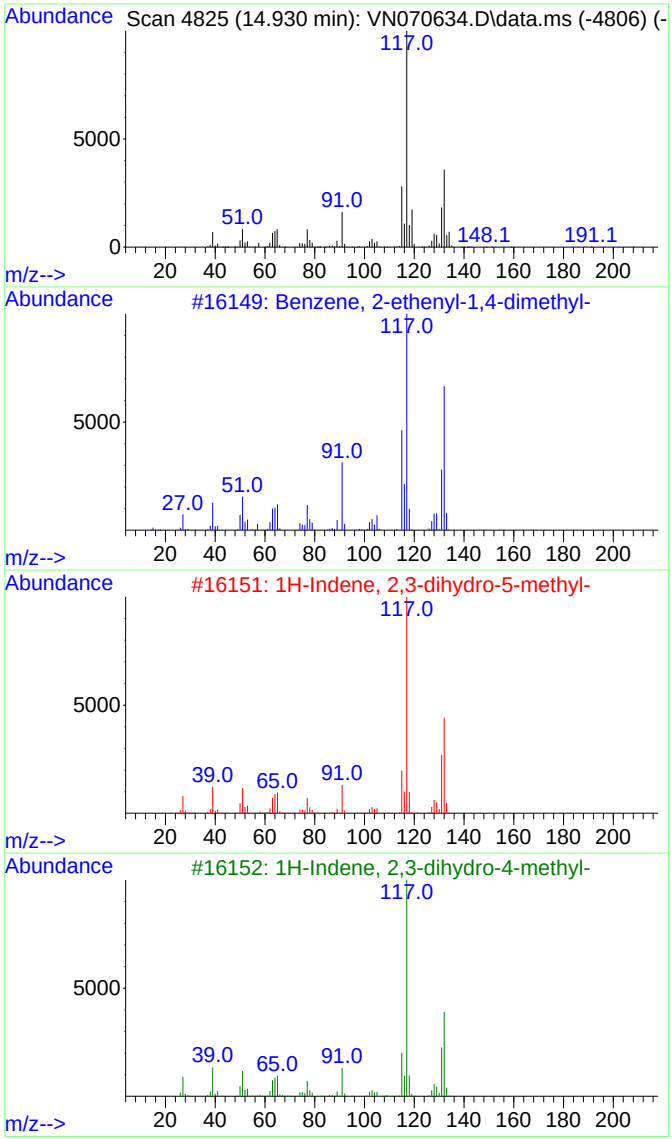
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260

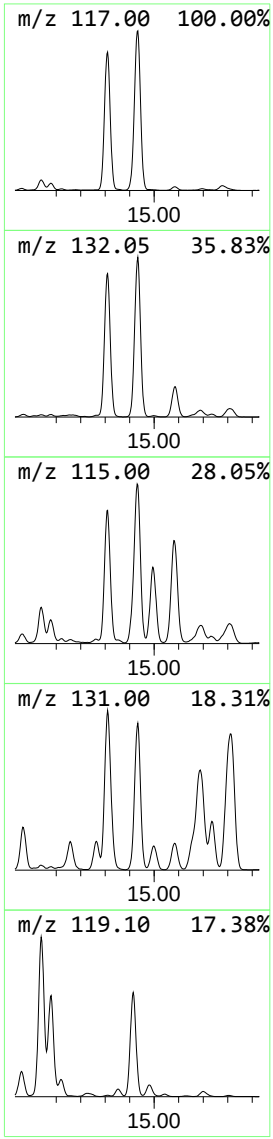
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.930	23.88 ug/l	12362700	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070634.D
Acq On : 14 Jan 2022 19:54
Operator : JC/MD
Sample : N1148-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-47

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.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
Cyclopentane, m...	7.144	62.0	ug/l	9364980	1	8.086	7550360	50.0
Pentane, 2,3-di...	8.174	20.9	ug/l	3155070	1	8.086	7550360	50.0
Butane, 2,2,3,3...	8.614	49.2	ug/l	8297320	2	8.968	8434920	50.0
Cyclobutane, (1...	9.971	21.5	ug/l	3621220	2	8.968	8434920	50.0
Benzene, 1-ethy...	13.219	46.6	ug/l	24139800	4	13.675	25890500	50.0
Benzene, 1,4-di...	13.839	25.5	ug/l	13200200	4	13.675	25890500	50.0
Benzene, (2-bro...	13.876	123.0	ug/l	63695900	4	13.675	25890500	50.0
Benzene, 2-ethy...	14.217	29.7	ug/l	15363800	4	13.675	25890500	50.0
Indan, 1-methyl-	14.327	24.0	ug/l	12406600	4	13.675	25890500	50.0
Benzene, 2-ethe...	14.930	23.9	ug/l	12362700	4	13.675	25890500	50.0