LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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: VN069909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.266	88	103	108	rBV	755881	1408868	8.89%	1.110%
2	2.445	161	170	219	rVB	2273781	4688287	29.57%	3.693%
3	3.143	414	430	484	rVB	2176032	5167685	32.60%	4.071%
4	3.516	556	569	594	rVB2	362858	892446	5.63%	0.703%
5	3.993	726	747	775	rBV2	244336	664708	4.19%	0.524%
6	4.285	822	856	881	rBV4	57245	255441	1.61%	0.201%
7	4.961	1087	1108	1128	rBV3	99944	326978	2.06%	0.258%
8	5.079	1131	1152	1162	rBV4	186124	593050	3.74%	0.467%
9	5.371	1238	1261	1311	rVB2	459403	1665836	10.51%	1.312%
10	5.618	1325	1353	1391	rVB3	1026370	3615992	22.81%	2.849%
11	6.482	1651	1675	1701	rVB5	127815	502792	3.17%	0.396%
12	7.147	1900	1923	1944	rBV3	936163	2747262	17.33%	2.164%
13	7.847	2170	2184	2203	rVB3	122915	302263	1.91%	0.238%
14	8.024	2226	2250	2260	rBV	882801	2122068	13.39%	1.672%
15	8.088	2261	2274	2295	rVV2	2033999	5048671	31.84%	3.977%
16	8.174	2296	2306	2330	rVB6	188911	478045	3.02%	0.377%
17	8.297	2336	2352	2366	rBV3	114549	268427	1.69%	0.211%
18	8.458	2386	2412	2431	rBV3	6193292	15853933	100.00%	12.489%
19	8.536	2433	2441	2450	rBV2	155080	264614	1.67%	0.208%
20	8.968	2582	2602	2629	rBV	2539409	5464203	34.47%	4.305%
21	9.459	2751	2785	2801	rBV4	519437	1447839	9.13%	1.141%
22	9.641	2841	2853	2868	rVB6	89265	182416	1.15%	0.144%
23	9.880	2931	2942	2960	rVB2	164301	335003	2.11%	0.264%
24	9.971	2960	2976	2985	rBV2	392154	774715	4.89%	0.610%
25	10.202	3046	3062	3069	rBV3	235367	496547	3.13%	0.391%
26	10.322	3096	3107	3119	rBV5	134785	259510	1.64%	0.204%
27	10.440	3134	3151	3165	rBV	4130898	7710433	48.63%	6.074%
28	10.505	3165	3175	3187	rVB	1106671	1921016	12.12%	1.513%
29	10.859	3294	3307	3327	rVB6	160054	381577	2.41%	0.301%
30	11.092	3362	3394	3399	rBV8	76884	200918	1.27%	0.158%
31	11.744	3619	3637	3660	rBV	4370198	8033257	50.67%	6.328%
32	11.843	3661	3674	3698	rVV	1418397	2622793	16.54%	2.066%
33	11.953	3700	3715	3739	rVB	709807	1444537	9.11%	1.138%
34	12.280	3814	3837	3855	rBV2	545643	1002428	6.32%	0.790%
35	12.578	3934	3948	3969	rVB	1784817	3033288	19.13%	2.390%
36	12.731	3988	4005	4027	rBV	3374524	6011610	37.92%	4.736%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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	12.918	4062	4075	4090	rBV	1549388	2602461	16.42%	2.050%
38	12.983	4091	4099	4102	rVV	146886	199263	1.26%	0.157%
39	13.015	4104	4111	4120	rVV2	366040	585128	3.69%	0.461%
40	13.058	4121	4127	4141	rVB	155874	242574	1.53%	0.191%
41	13.219	4172	4187	4207	rBV	1670227	2836506	17.89%	2.235%
42	13.366	4220	4242	4274	rBV	3920684	6591531	41.58%	5.193%
43	13.498	4276	4291	4304	rVB4	108295	242189	1.53%	0.191%
44	13.675	4342	4357	4387	rVV2	3683587	8006927	50.50%	6.308%
45	13.838	4405	4418	4421	rBV2	524467	723378	4.56%	0.570%
46	13.876	4422	4432	4444	rVB	2886078	4782184	30.16%	3.767%
47	13.999	4468	4478	4491	rVB4	134200	233679	1.47%	0.184%
48	14.069	4491	4504	4515	rBV	295045	491794	3.10%	0.387%
49	14.128	4515	4526	4533	rBV	469371	780284	4.92%	0.615%
50	14.217	4547	4559	4572	rVB	1012142	1574972	9.93%	1.241%
51	14.278	4572	4582	4589	rBV2	177951	279415	1.76%	0.220%
52	14.327	4589	4600	4616	rVB2	1077633	1814753	11.45%	1.430%
53	14.458	4637	4649	4662	rBV2	208538	342379	2.16%	0.270%
54	14.538	4664	4679	4686	rBV	600879	987382	6.23%	0.778%
55	14.579	4686	4694	4704	rVB	640963	969656	6.12%	0.764%
56	14.809	4769	4780	4791	rBV	577496	926626	5.84%	0.730%
57	14.927	4807	4824	4838	rBV3	743510	1644393	10.37%	1.295%
58	14.986	4838	4846	4865	rVB6	90111	198257	1.25%	0.156%
59	15.083	4871	4882	4899	rBV2	100671	200255	1.26%	0.158%
60	15.195	4901	4924	4935	rBV6	235985	612125	3.86%	0.482%
61	15.311	4956	4967	4982	rVB4	212669	494382	3.12%	0.389%
62	15.507	5027	5040	5054	rVB	206782	387280	2.44%	0.305%

Sum of corrected areas: 126939229

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
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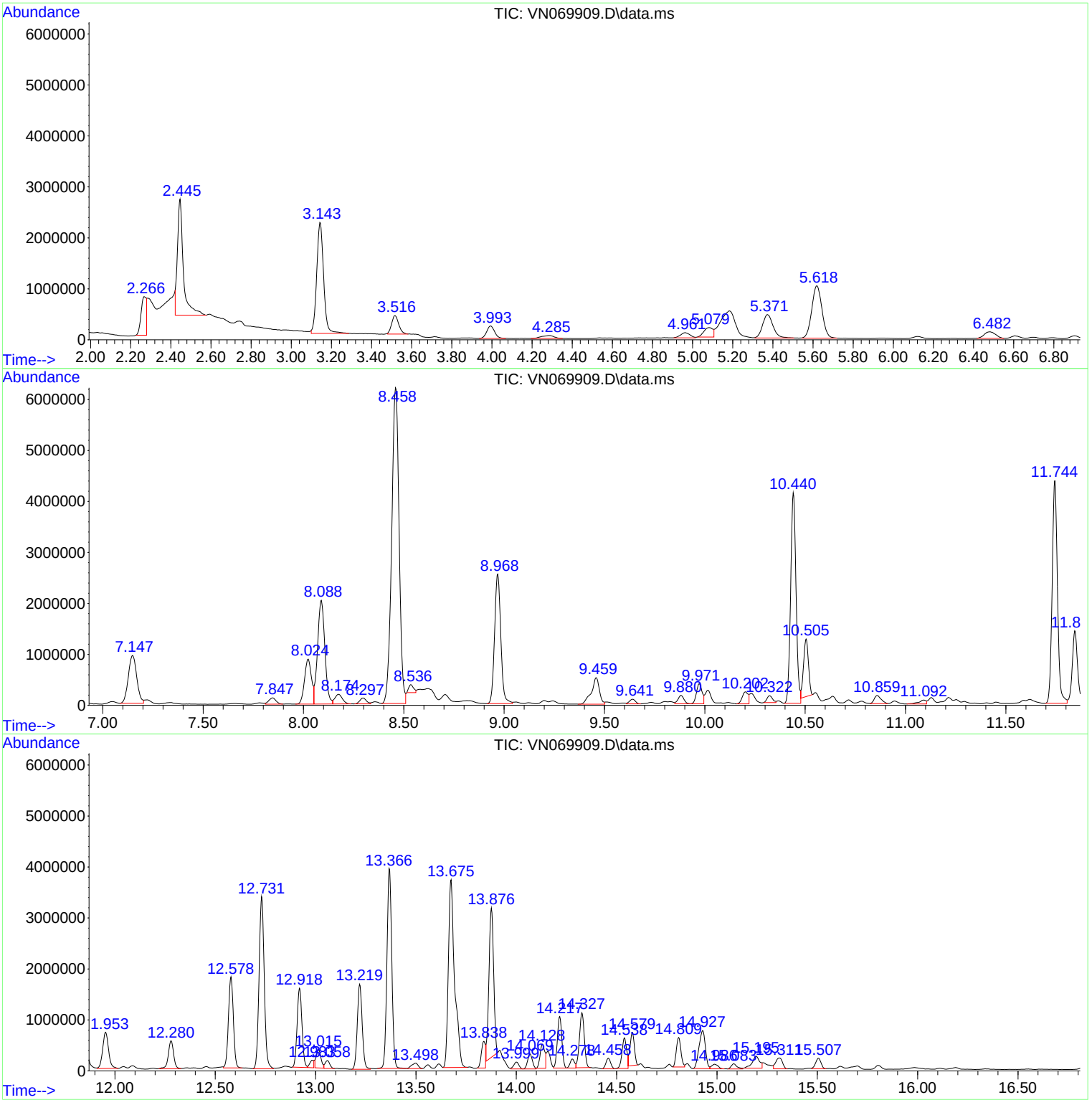
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

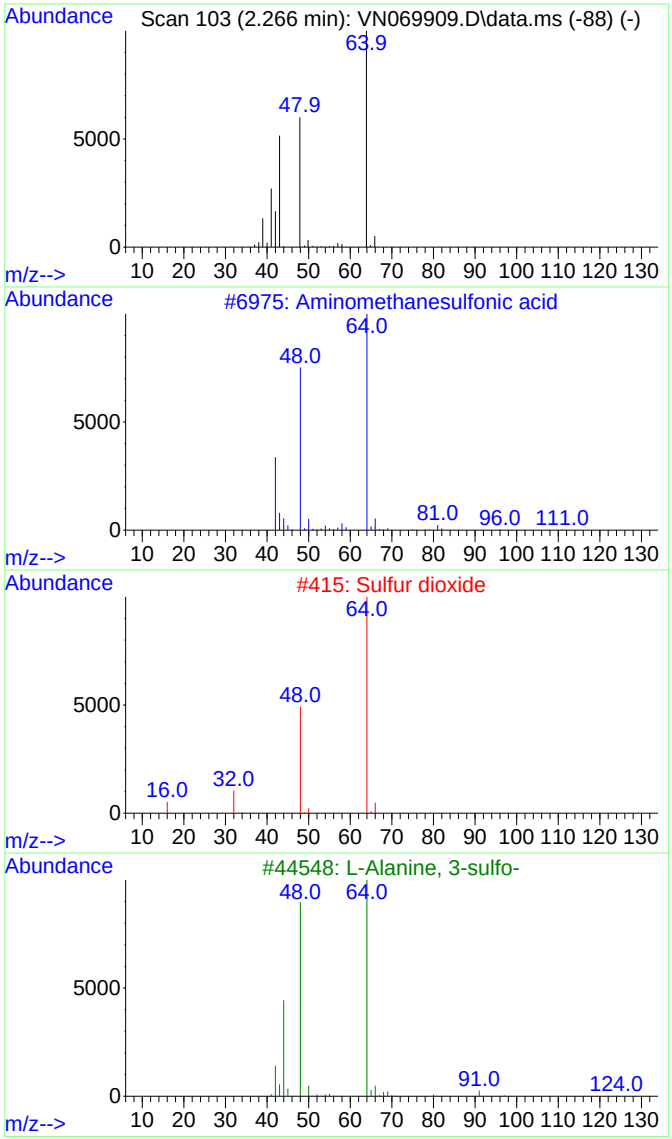
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

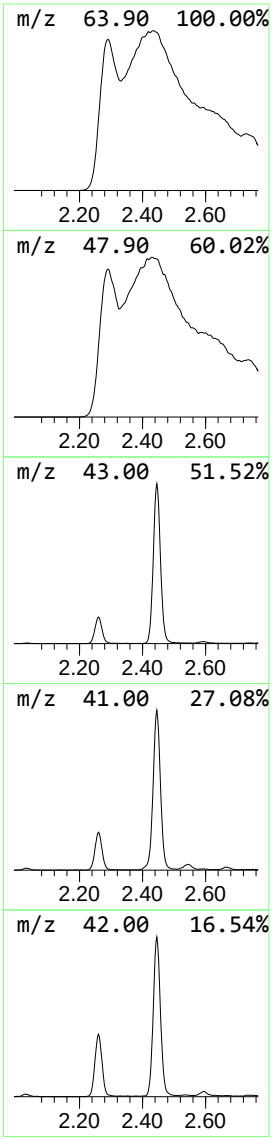
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.266	13.95 ug/l	1408870	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	78
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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

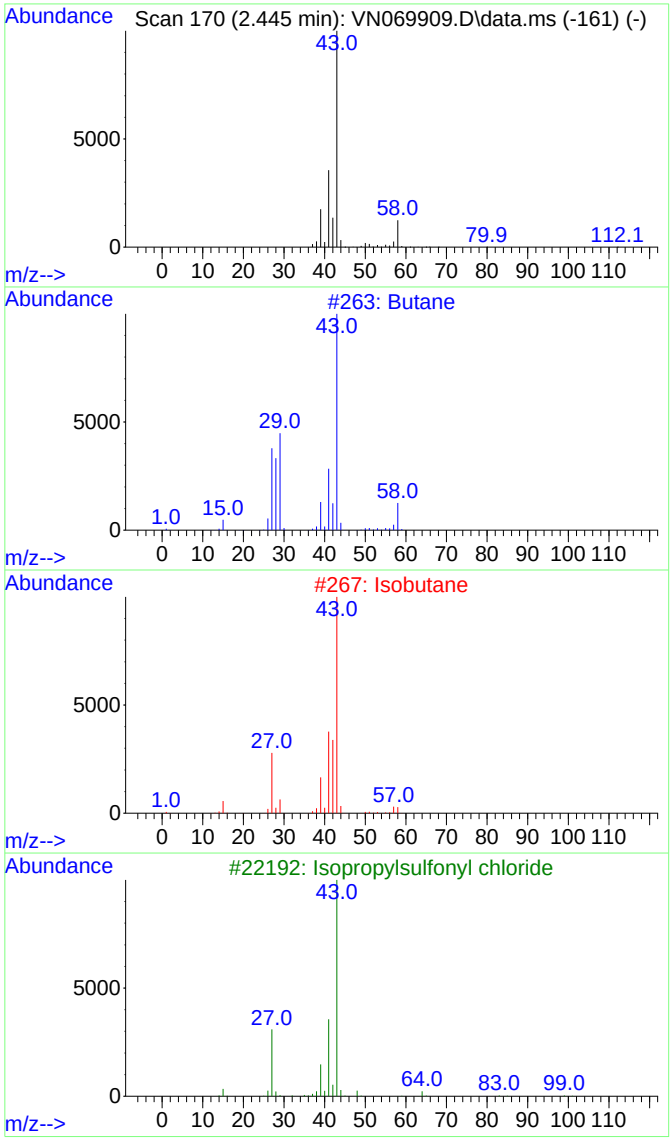
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

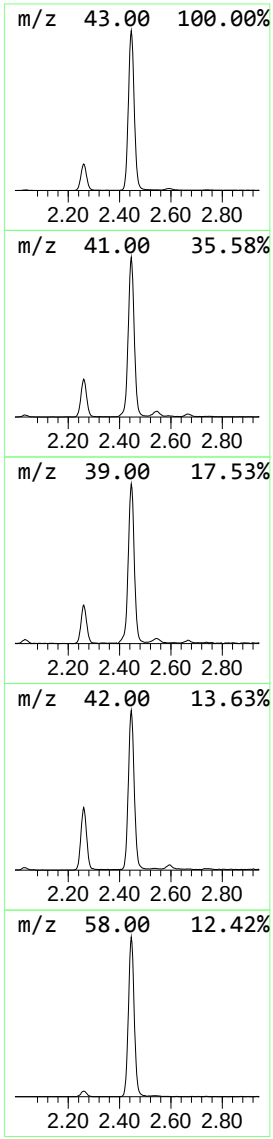
****

Peak Number 2 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.445	46.43 ug/l	4688290	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

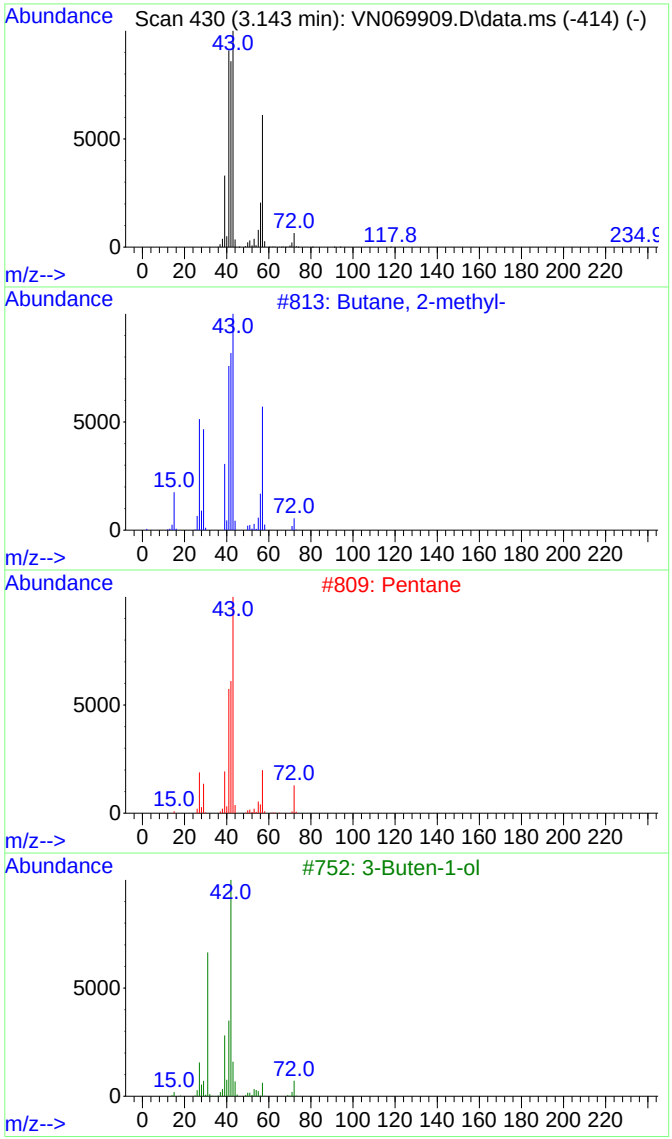
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

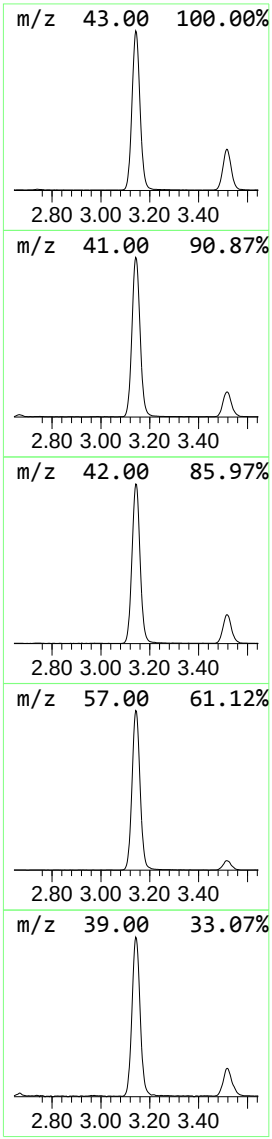
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	51.18 ug/l	5167690	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	25
5	1-Butene	56	C4H8	000106-98-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

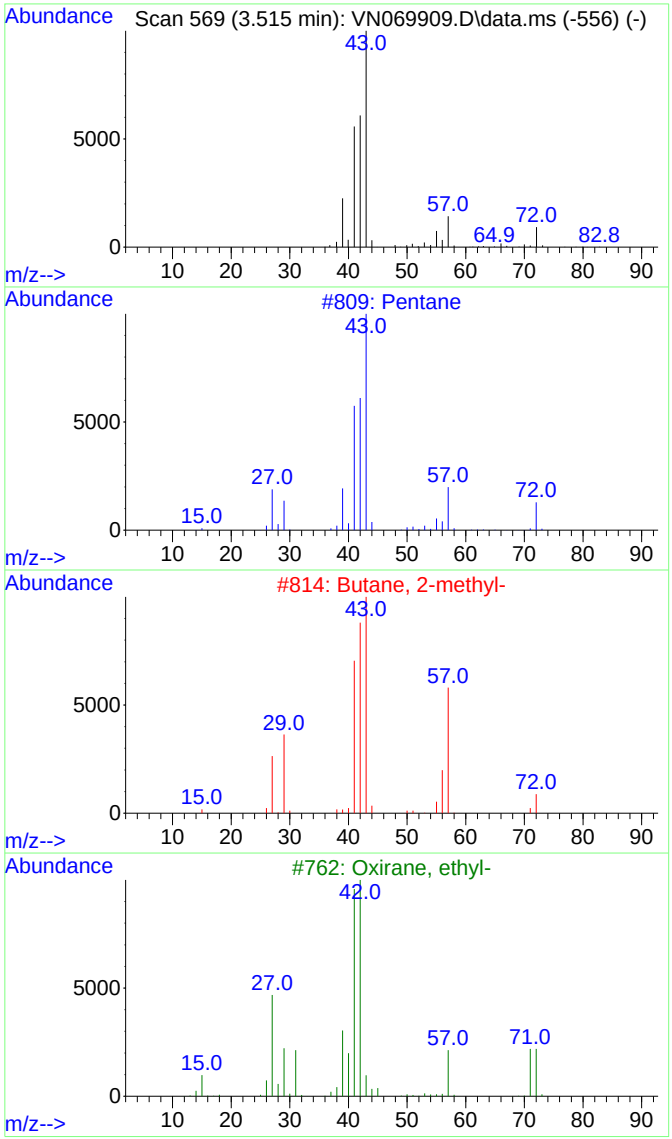
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

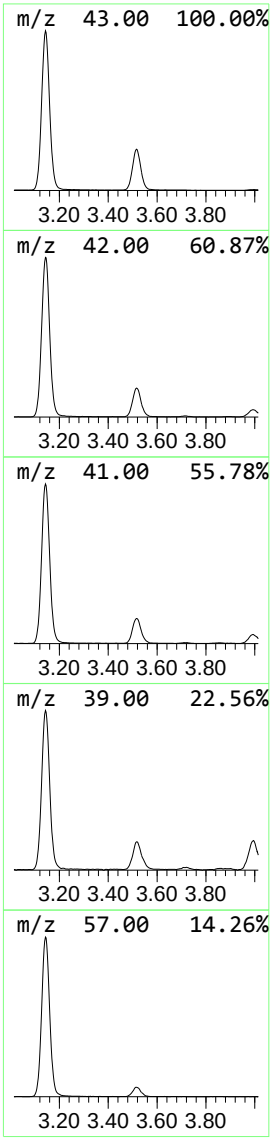
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.515	8.84 ug/l	892446	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	3-Buten-1-ol	72	C4H8O	000627-27-0	9
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

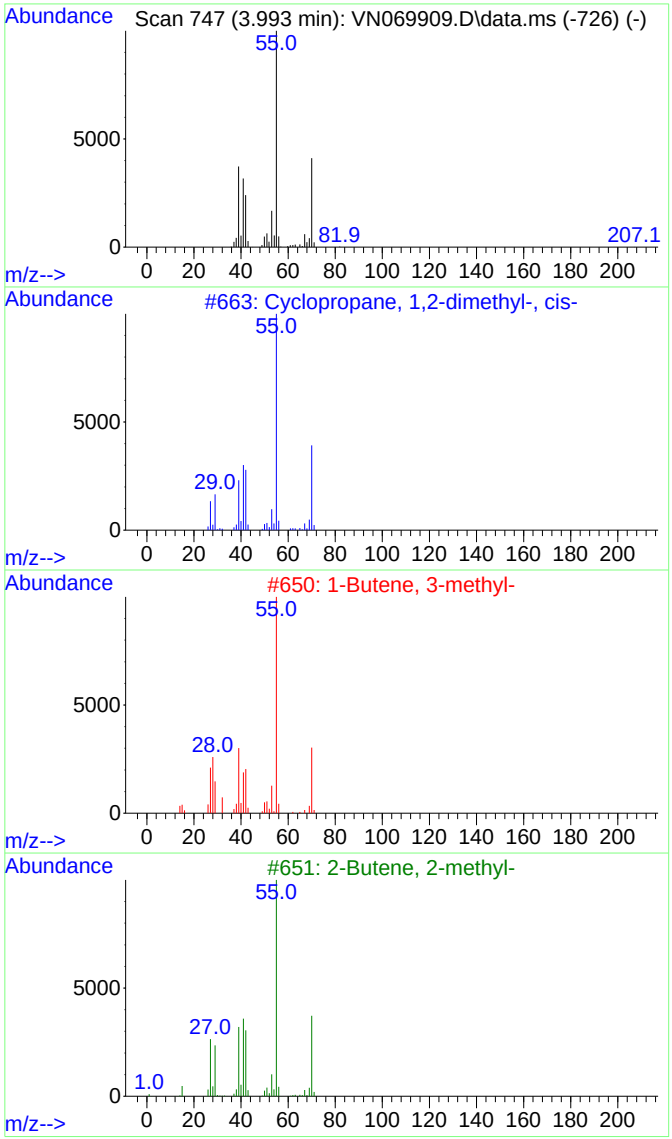
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

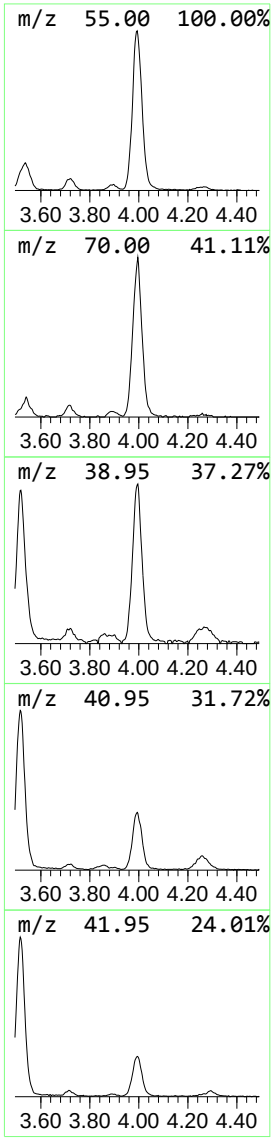
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopropane, 1,2-dimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	6.58 ug/l	664708	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	2-Pentene, (E)-	70	C5H10	000646-04-8	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

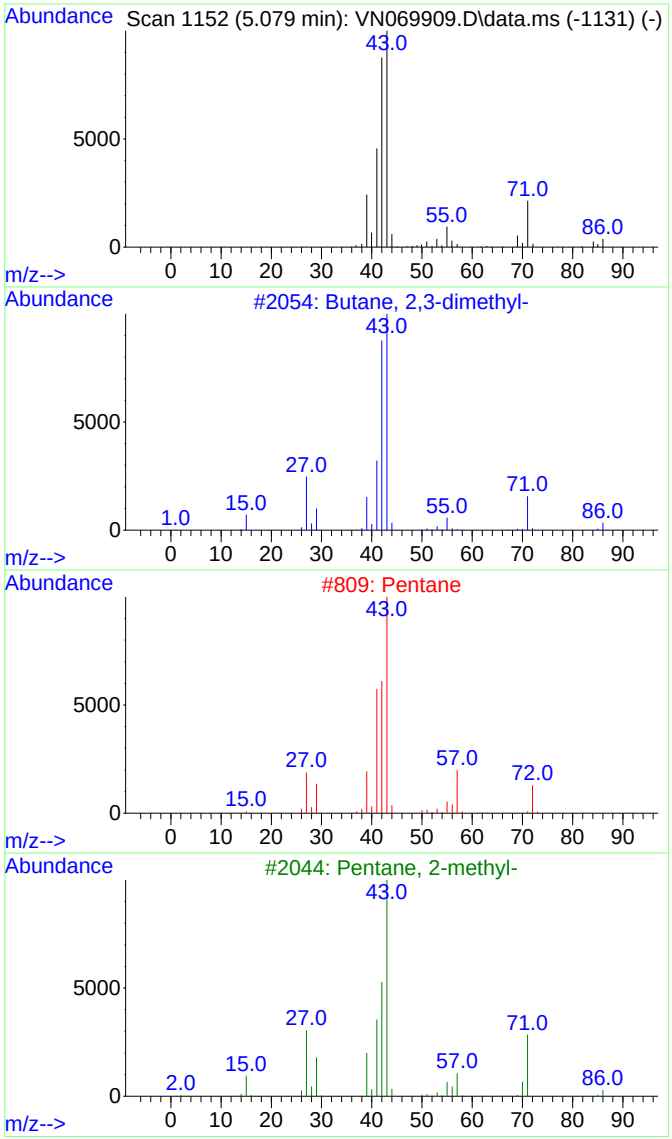
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

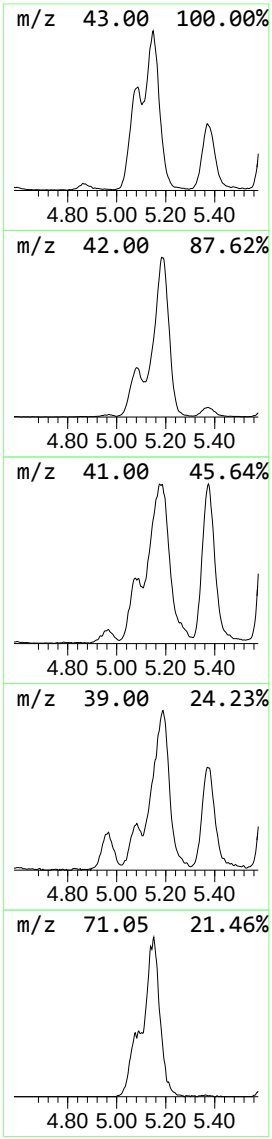
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.079	5.87 ug/l	593050	Pentafluorobenzene	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane	72	C5H12	000109-66-0	36
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	17
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	10
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

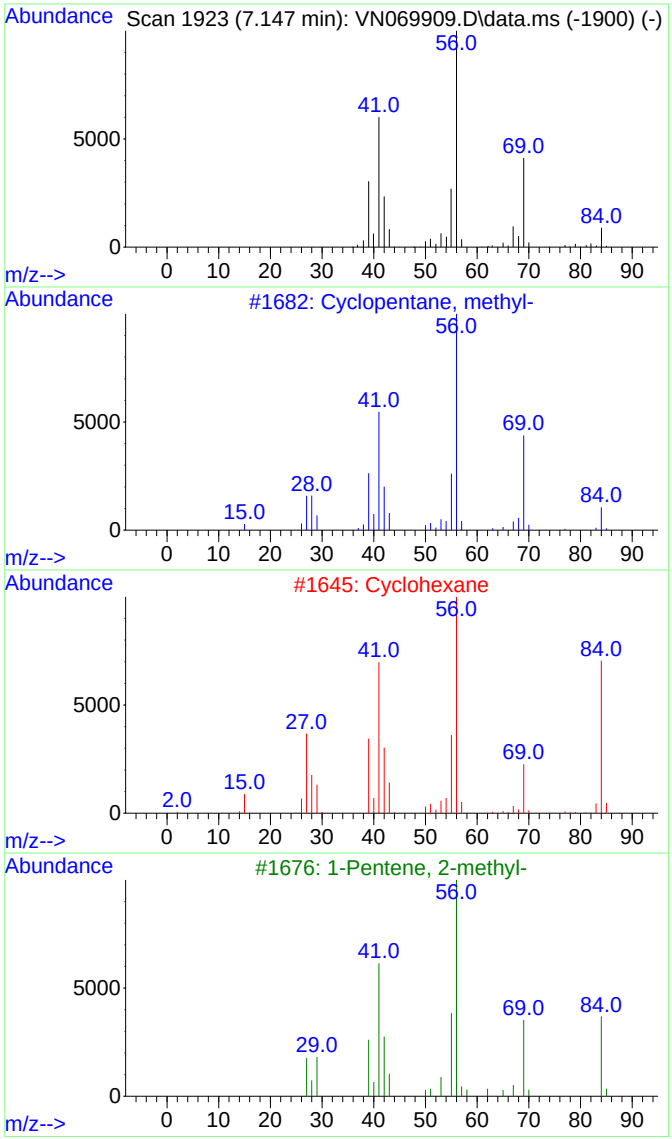
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

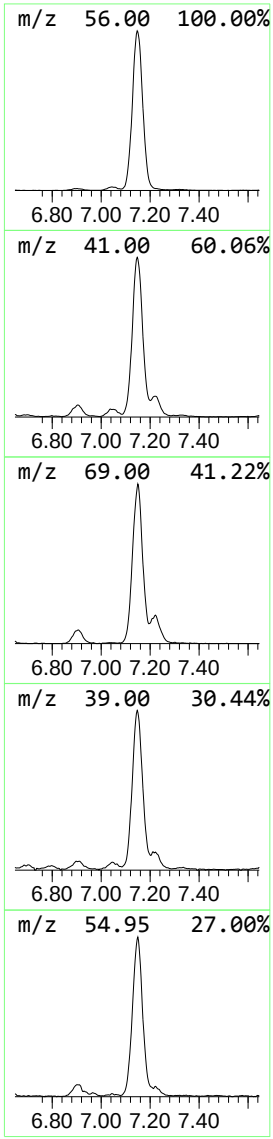
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.147	27.21 ug/l	2747260	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	86
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

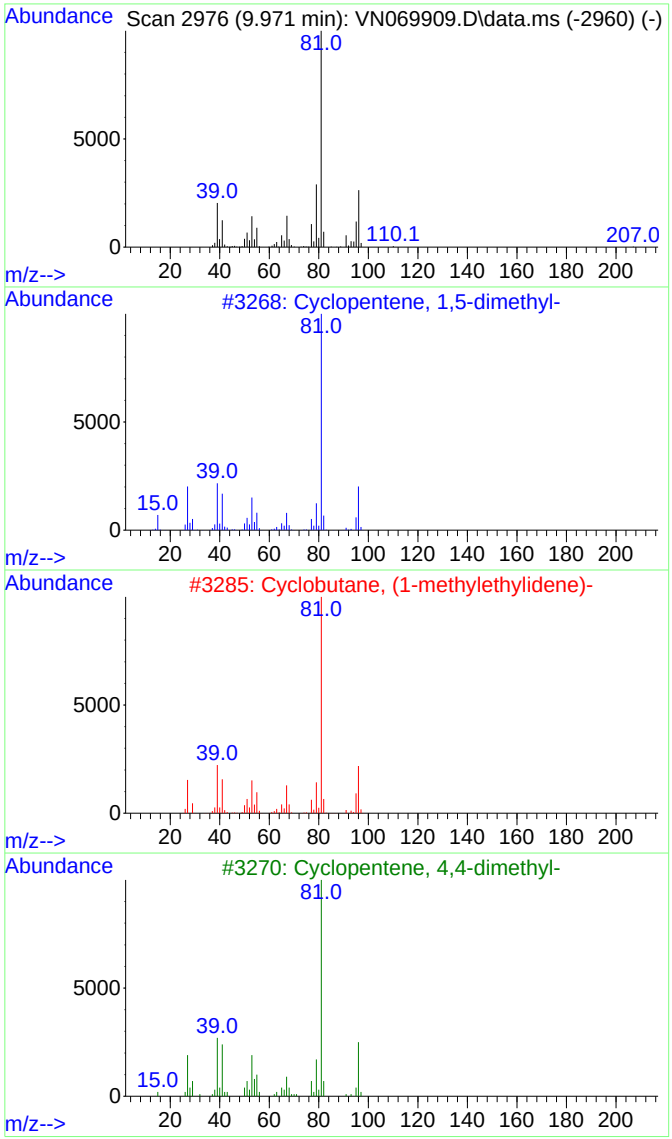
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

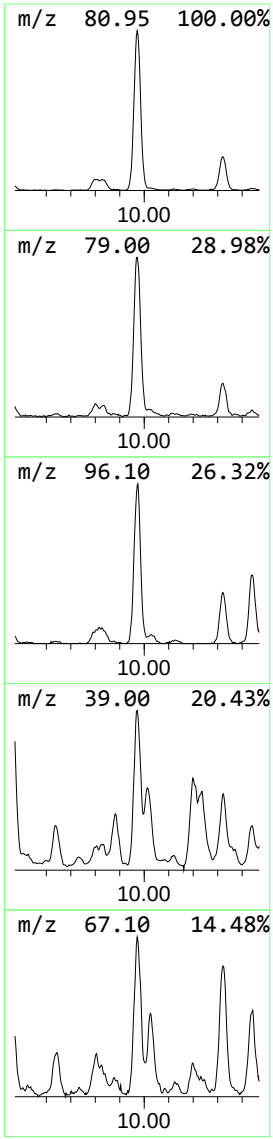
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.971	7.09 ug/l	774715	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

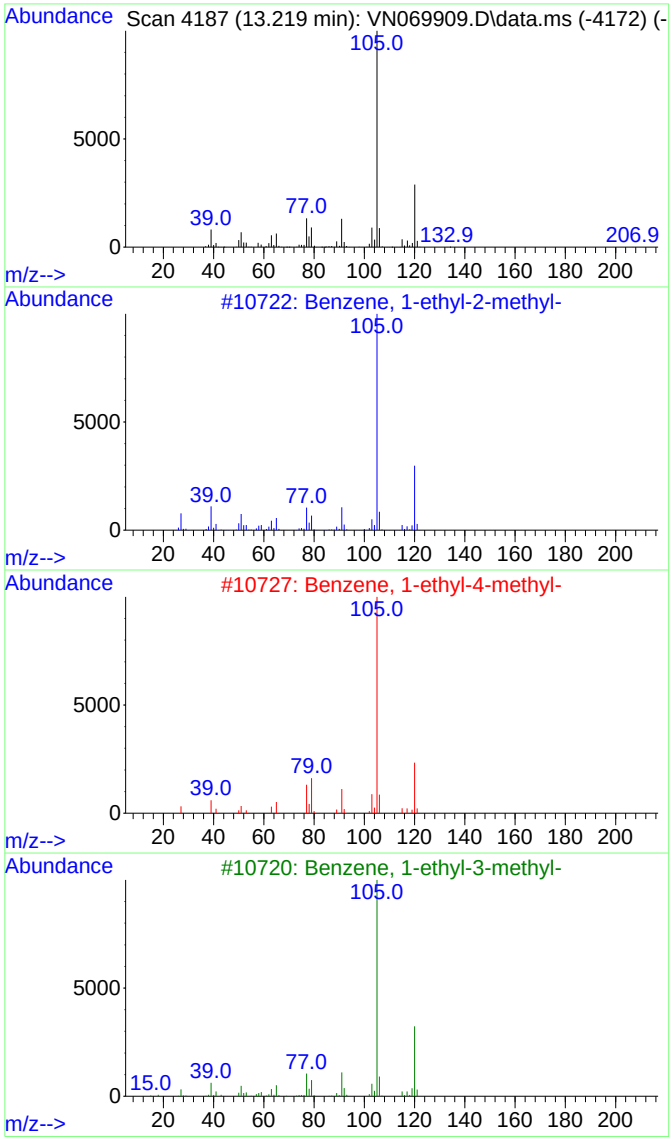
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

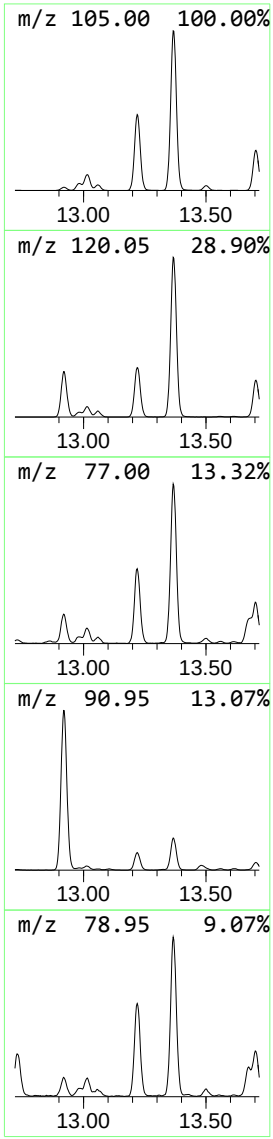
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	17.71 ug/l	2836510	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-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

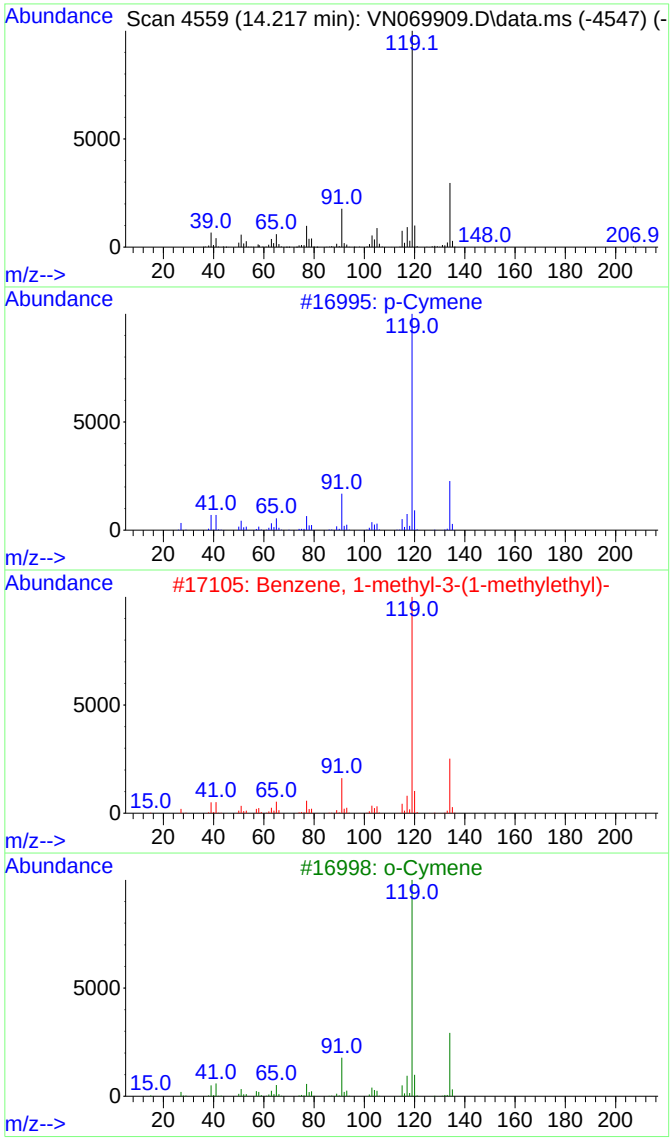
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

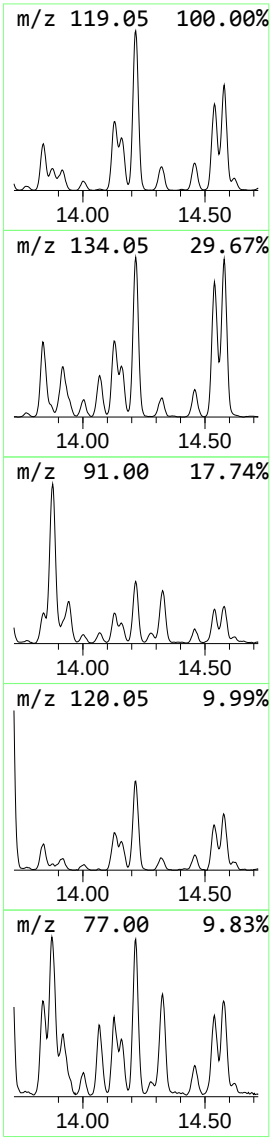
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	9.84 ug/l	1574970	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

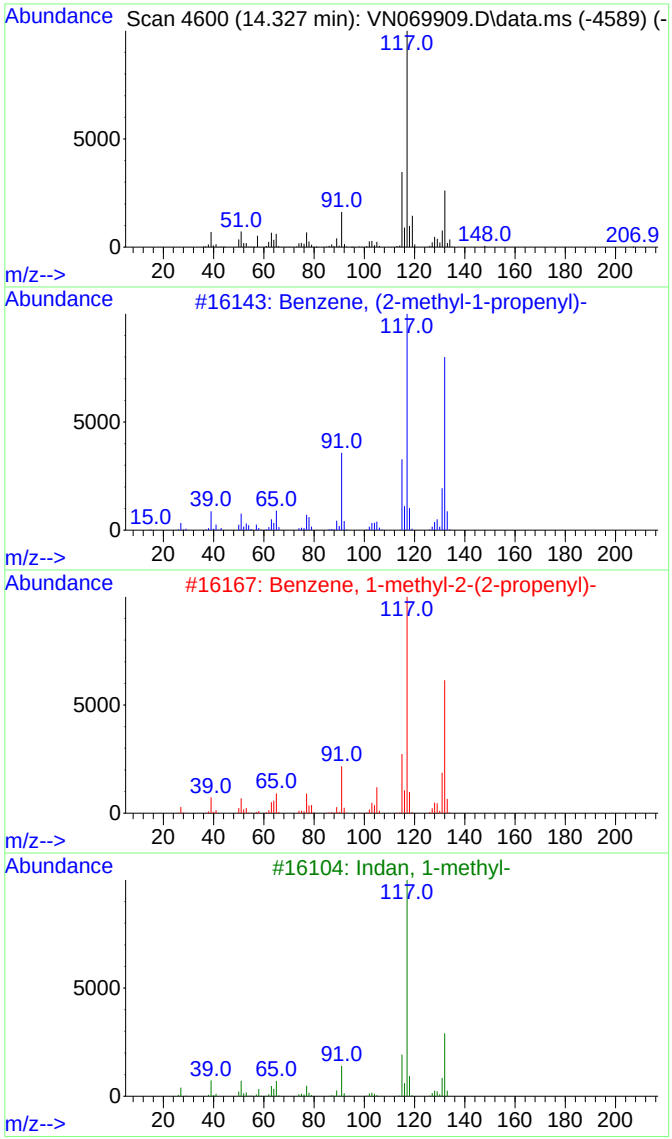
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

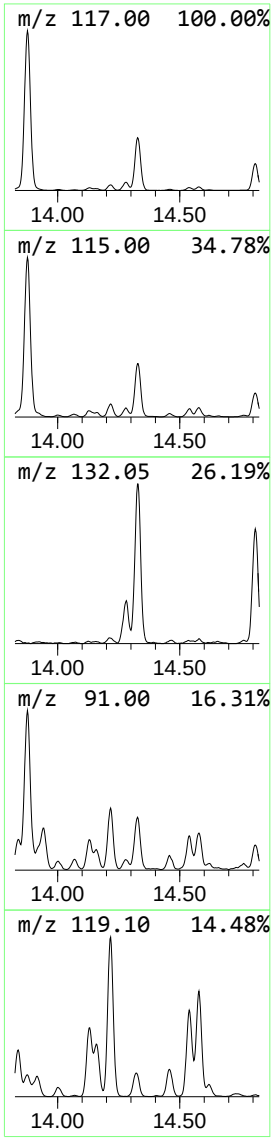
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	11.33 ug/l	1814750	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	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

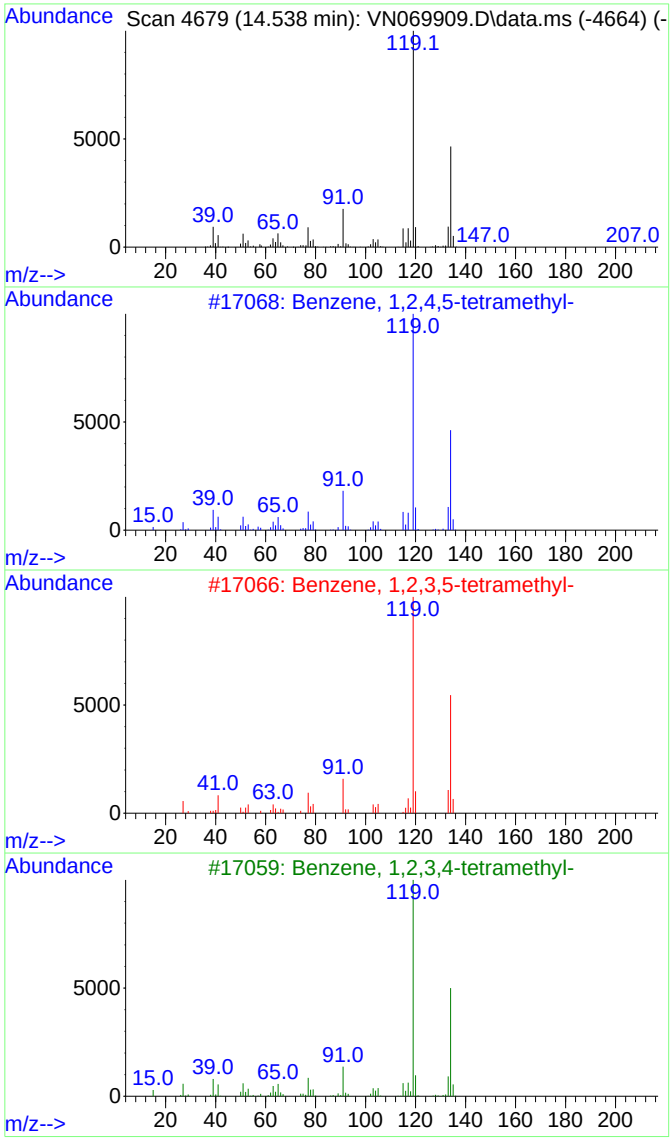
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

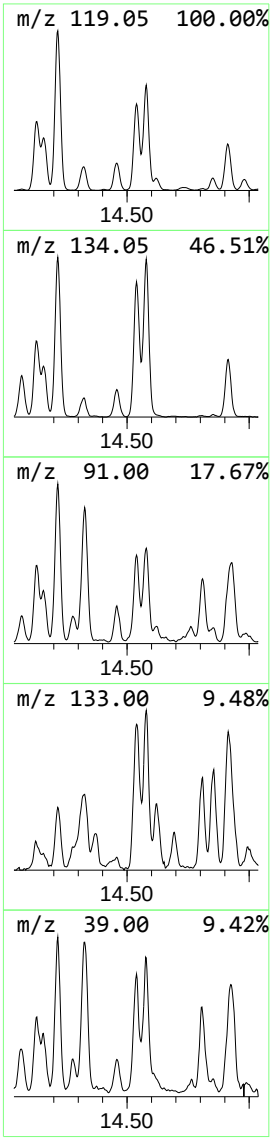
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	6.17 ug/l	987382	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

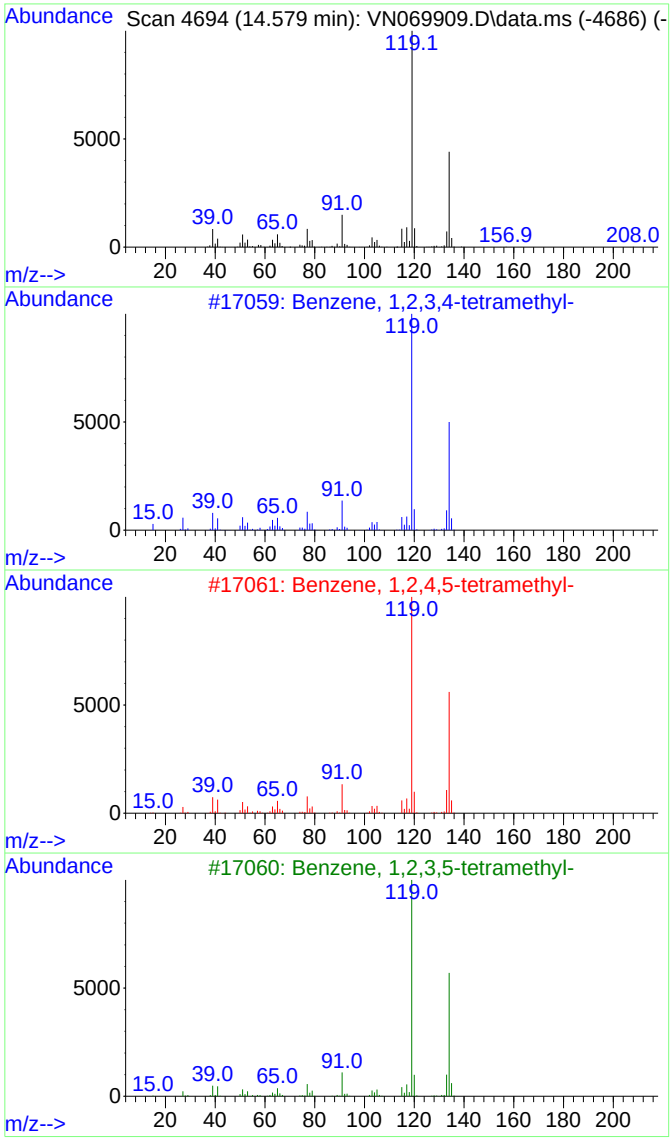
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

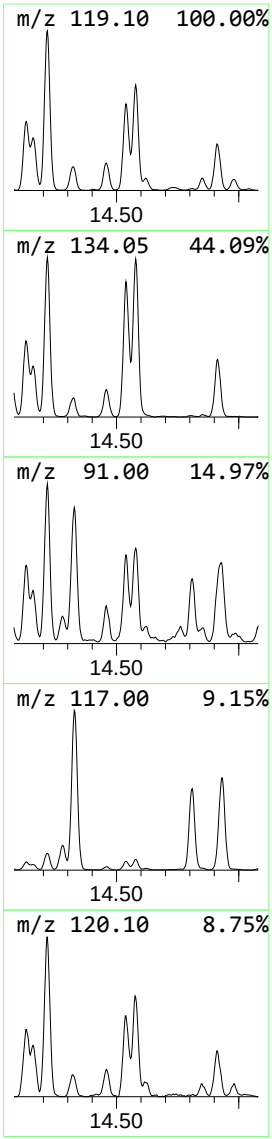
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	6.06 ug/l	969656	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

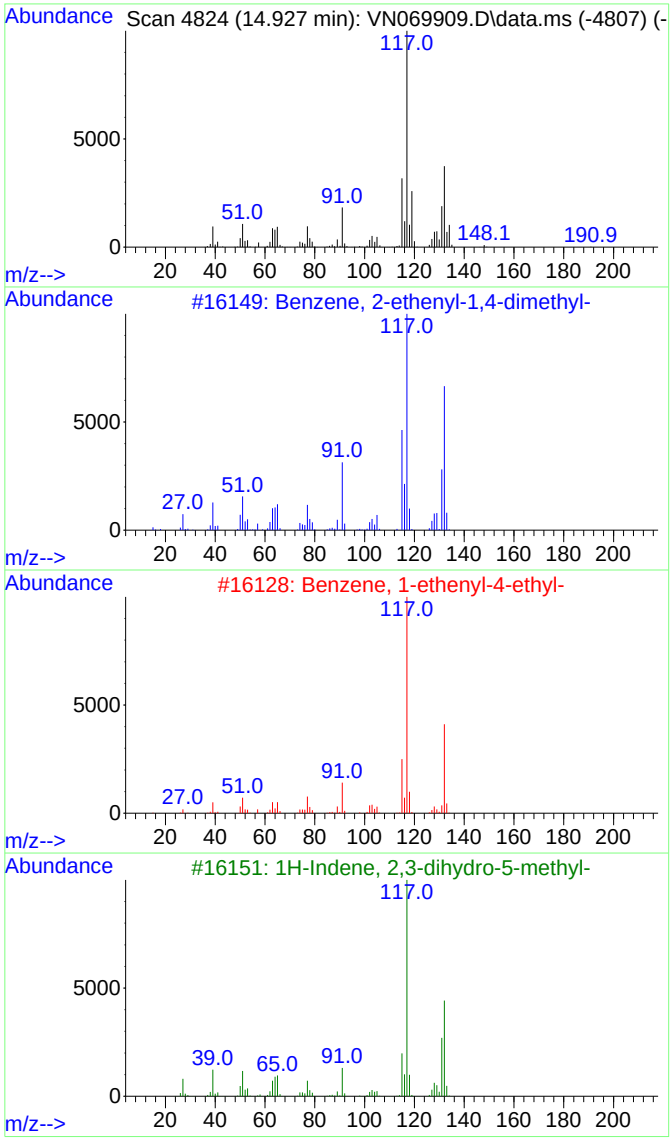
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

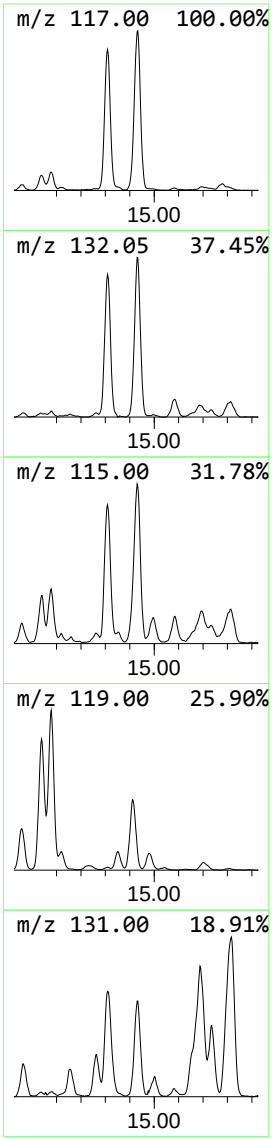
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	10.27 ug/l	1644390	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	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069909.D
Acq On : 9 Dec 2021 14:13
Operator : JC/MD
Sample : M4940-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

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
Aminomethanesul...	2.266	13.9	ug/l	1408870	1	8.086	5048670	50.0
Butane	2.445	46.4	ug/l	4688290	1	8.086	5048670	50.0
Butane, 2-methyl-	3.143	51.2	ug/l	5167690	1	8.086	5048670	50.0
Pentane	3.515	8.8	ug/l	892446	1	8.086	5048670	50.0
Cyclopropane, 1...	3.993	6.6	ug/l	664708	1	8.086	5048670	50.0
Butane, 2,3-dim...	5.079	5.9	ug/l	593050	1	8.086	5048670	50.0
Cyclopentane, m...	7.147	27.2	ug/l	2747260	1	8.086	5048670	50.0
Cyclopentene, 1...	9.971	7.1	ug/l	774715	2	8.968	5464200	50.0
Benzene, 1-ethy...	13.219	17.7	ug/l	2836510	4	13.675	8006930	50.0
p-Cymene	14.217	9.8	ug/l	1574970	4	13.675	8006930	50.0
Benzene, (2-met...	14.326	11.3	ug/l	1814750	4	13.675	8006930	50.0
Benzene, 1,2,4,...	14.538	6.2	ug/l	987382	4	13.675	8006930	50.0
Benzene, 1,2,3,...	14.579	6.1	ug/l	969656	4	13.675	8006930	50.0
Benzene, 2-ethe...	14.927	10.3	ug/l	1644390	4	13.675	8006930	50.0