LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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: VN069910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.279	82	108	109	rBV5	354366	862758	4.54%	0.501%
2	3.145	417	431	453	rVB	531507	1207266	6.35%	0.701%
3	3.515	558	569	592	rVB2	185735	433647	2.28%	0.252%
4	5.084	1129	1154	1162	rBV4	135060	438305	2.30%	0.255%
5	5.621	1324	1354	1383	rBV3	301747	1067799	5.61%	0.620%
6	6.125	1519	1542	1571	rBV3	65282	200644	1.05%	0.117%
7	7.150	1901	1924	1963	rVB2	883443	2635731	13.86%	1.531%
8	8.024	2226	2250	2260	rBV2	948592	2271171	11.94%	1.319%
9	8.088	2261	2274	2294	rVV2	2082315	5040778	26.50%	2.928%
10	8.174	2295	2306	2332	rVB4	203069	553497	2.91%	0.321%
11	8.297	2332	2352	2365	rBV2	100800	225619	1.19%	0.131%
12	8.456	2385	2411	2433	rBV3	2909566	8194588	43.08%	4.759%
13	8.705	2496	2504	2524	rVB5	112645	246803	1.30%	0.143%
14	8.968	2581	2602	2630	rBV	2740880	5802579	30.51%	3.370%
15	9.233	2675	2701	2730	rVB9	58831	216524	1.14%	0.126%
16	9.459	2751	2785	2800	rBV2	464242	1347251	7.08%	0.782%
17	9.882	2933	2943	2961	rVB2	174352	348359	1.83%	0.202%
18	9.974	2962	2977	2981	rBV3	116228	196852	1.03%	0.114%
19	10.014	2983	2992	3009	rVB2	308339	616025	3.24%	0.358%
20	10.202	3042	3062	3071	rBV3	102285	233534	1.23%	0.136%
21	10.440	3134	3151	3162	rBV	4428404	8160830	42.90%	4.740%
22	10.505	3162	3175	3206	rVB	9573132	18169582	95.52%	10.553%
23	10.864	3294	3309	3328	rVV6	88230	236457	1.24%	0.137%
24	11.744	3618	3637	3659	rBV	4673943	8501274	44.69%	4.937%
25	11.846	3659	3675	3696	rVV	7634148	13447356	70.70%	7.810%
26	11.950	3697	3714	3750	rVB	9614237	19020998	100.00%	11.047%
27	12.090	3756	3766	3785	rVB7	111409	221847	1.17%	0.129%
28	12.280	3811	3837	3862	rBV	8072883	13958592	73.39%	8.107%
29	12.578	3935	3948	3967	rVB	730299	1252201	6.58%	0.727%
30	12.731	3989	4005	4028	rBV	3815681	6658322	35.01%	3.867%
31	12.921	4063	4076	4088	rBV	1475844	2389758	12.56%	1.388%
32	12.983	4088	4099	4107	rBV	619995	1027667	5.40%	0.597%
33	13.058	4119	4127	4142	rVB	379567	629747	3.31%	0.366%
34	13.221	4171	4188	4207	rBV	1162805	2006498	10.55%	1.165%
35	13.366	4226	4242	4272	rVB	7799672	12908620	67.87%	7.497%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

36	13.495	4276	4290	4303	rVB3	125767	285557	1.50%	0.166%
37	13.675	4342	4357	4385	rBV2	4373111	8771772	46.12%	5.095%
38	13.838	4404	4418	4421	rBV	656714	900903	4.74%	0.523%
39	13.876	4421	4432	4444	rVB	4462403	7461579	39.23%	4.334%
40	14.002	4468	4479	4489	rBV2	147484	235862	1.24%	0.137%
41	14.066	4489	4503	4515	rVB3	374901	676868	3.56%	0.393%
42	14.131	4515	4527	4533	rBV	631520	1056969	5.56%	0.614%
43	14.217	4548	4559	4571	rVB	1047100	1622798	8.53%	0.943%
44	14.278	4571	4582	4590	rBV2	309603	495452	2.60%	0.288%
45	14.326	4590	4600	4622	rVB2	1180339	2022781	10.63%	1.175%
46	14.538	4662	4679	4686	rBV	597536	997912	5.25%	0.580%
47	14.579	4686	4694	4705	rVB	837175	1277178	6.71%	0.742%
48	14.809	4769	4780	4791	rVV	681802	1090812	5.73%	0.634%
49	14.919	4807	4821	4837	rBV2	412915	986571	5.19%	0.573%
50	14.992	4838	4848	4867	rVB5	101685	220969	1.16%	0.128%
51	15.083	4871	4882	4900	rBV3	184057	338609	1.78%	0.197%
52	15.195	4902	4924	4947	rBV6	224586	708322	3.72%	0.411%
53	15.311	4954	4967	4985	rVB4	238451	568950	2.99%	0.330%
54	15.504	5016	5039	5053	rBV	579906	1102050	5.79%	0.640%
55	15.608	5067	5078	5105	rVB4	193392	400539	2.11%	0.233%
56	15.804	5135	5151	5166	rBV2	111717	228010	1.20%	0.132%

Sum of corrected areas: 172179942

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Data File : VN069910.D
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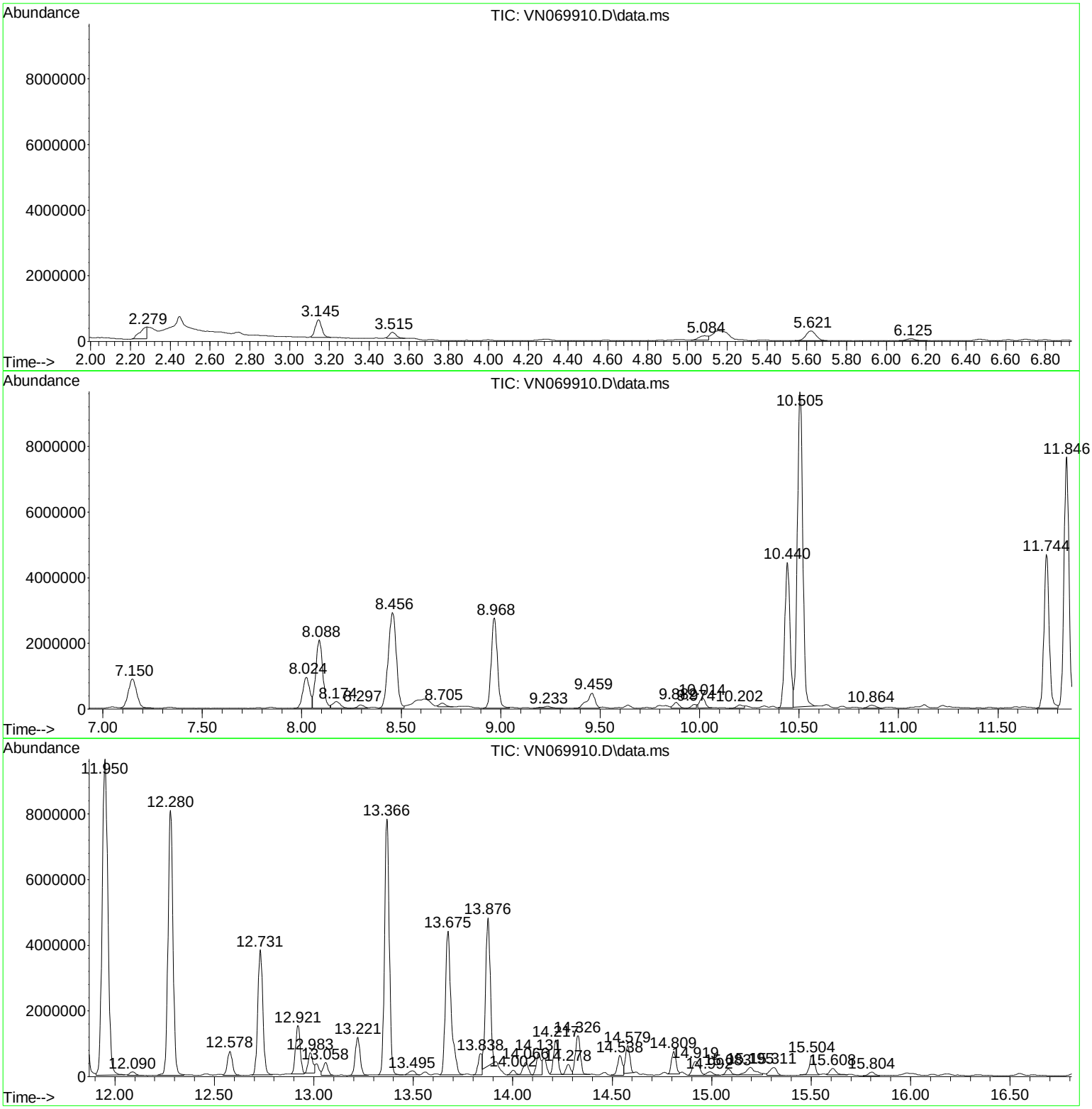
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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



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Data File : VN069910.D
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Quant Title : SW846 8260

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

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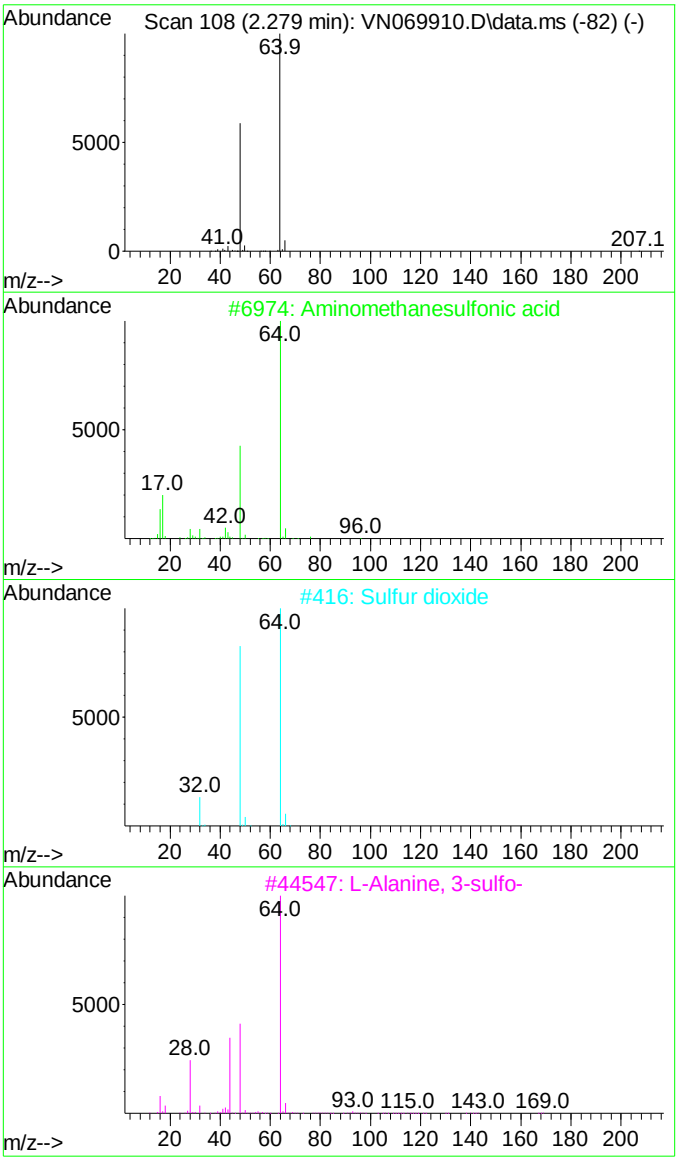
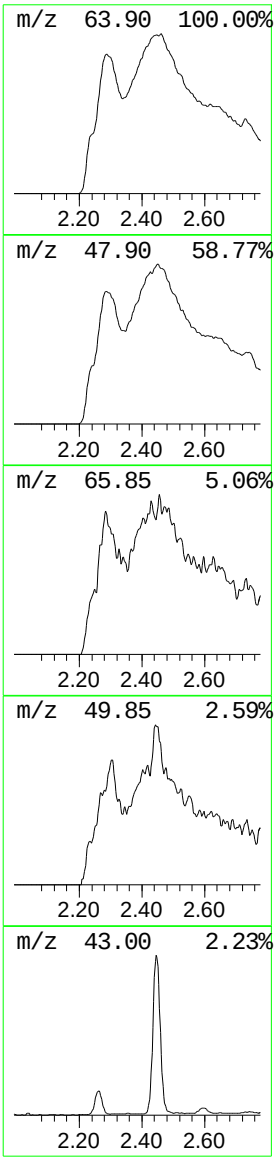
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.279	8.56 ug/l	862758	Pentafluorobenzene	8.088

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	83
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

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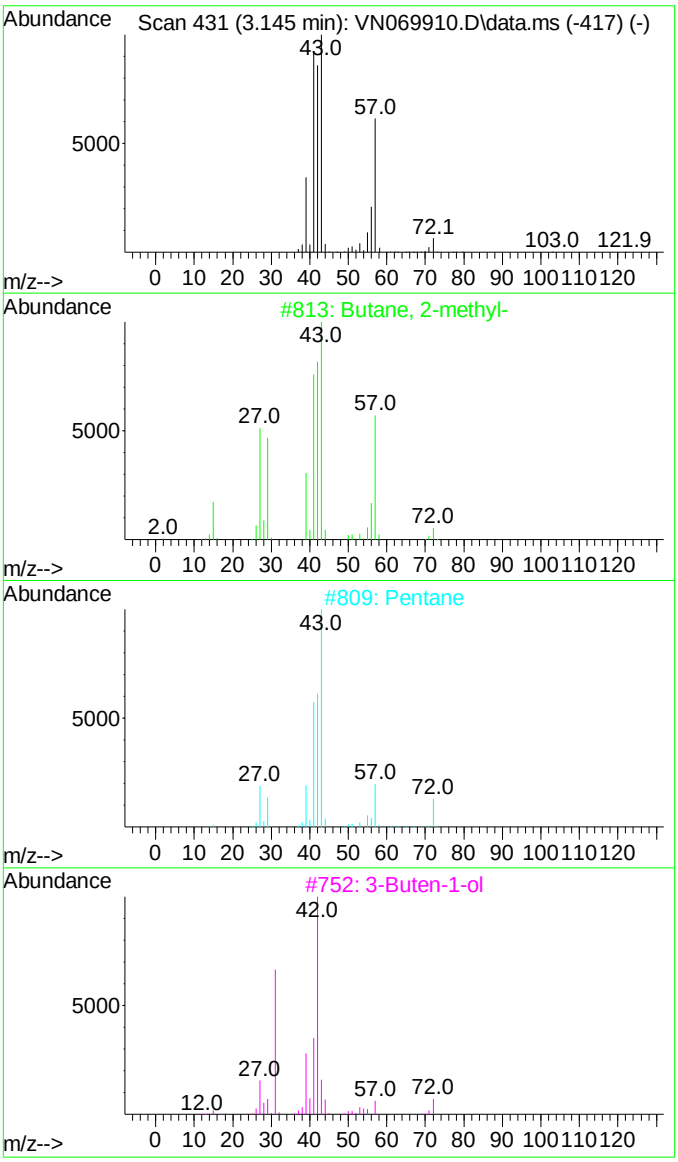
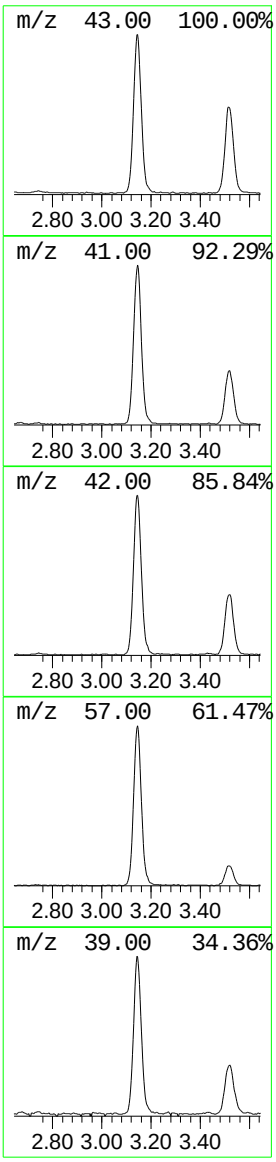
Peak Number 2 Butane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.145	11.98 ug/l	1207270	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	36
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	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

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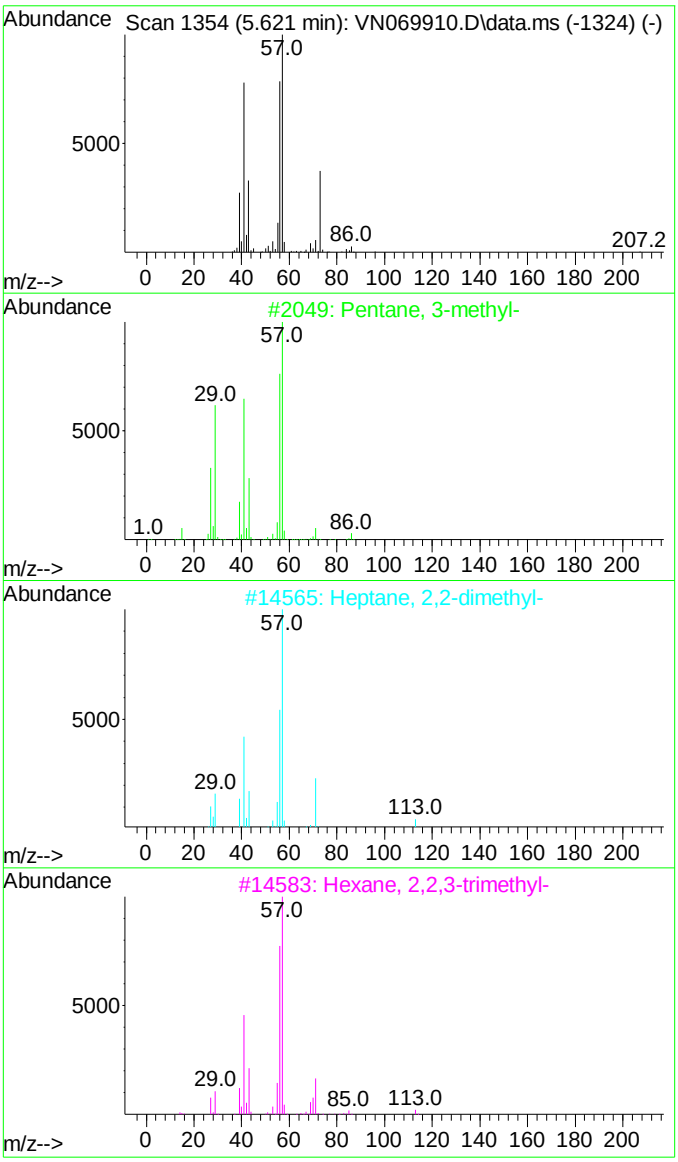
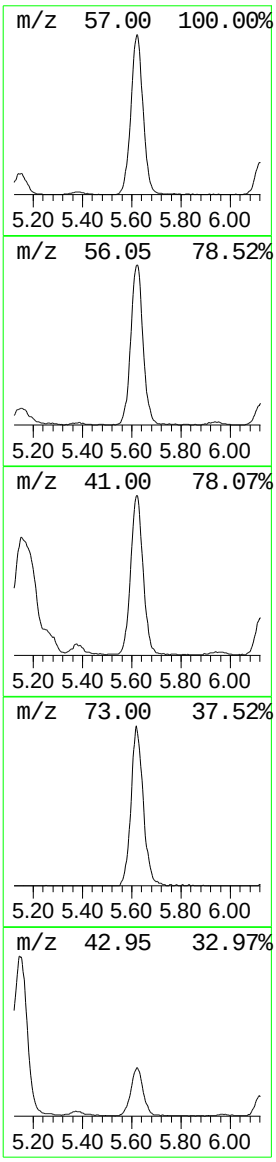
Peak Number 3 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.621	10.59 ug/l	1067800	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
4	1-Cyclopentyl-2,2-dimethyl-1-pro...	156	C10H20O	337966-85-5	50
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

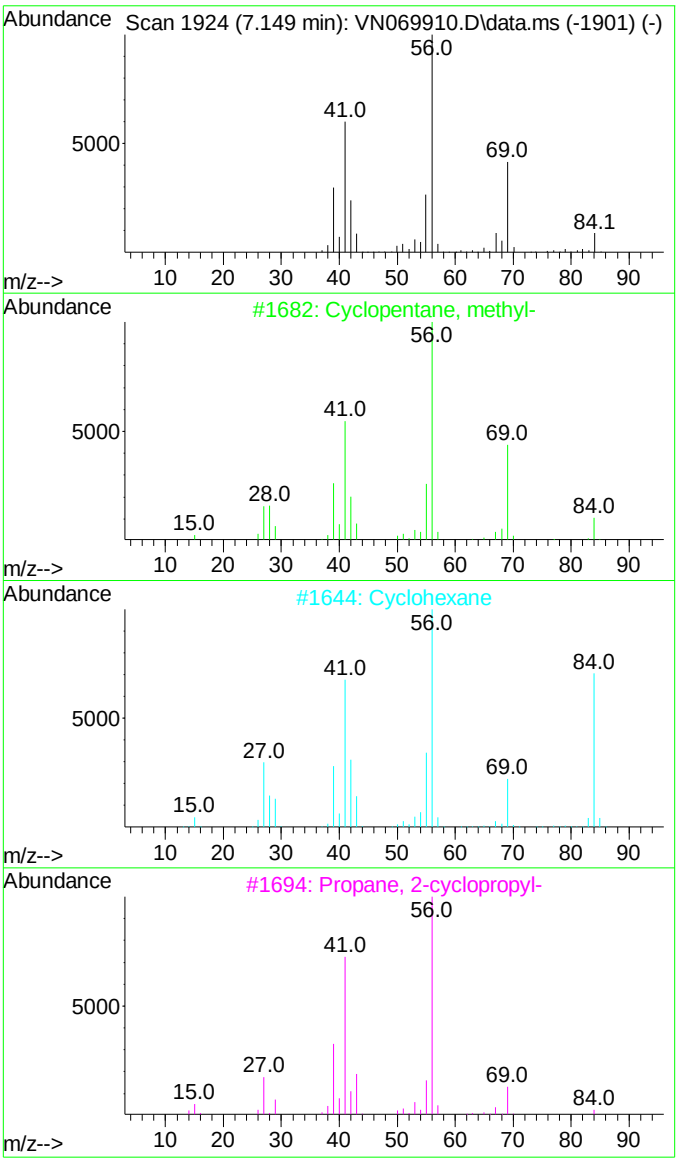
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

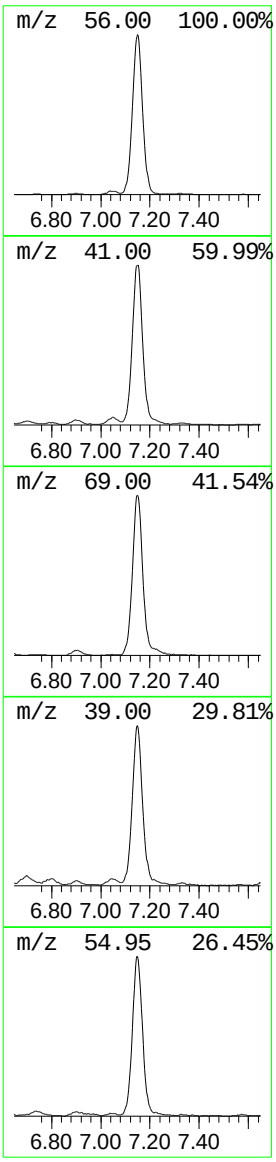
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.149	26.14 ug/l	2635730	Pentafluorobenzene	8.088

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	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	50





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Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

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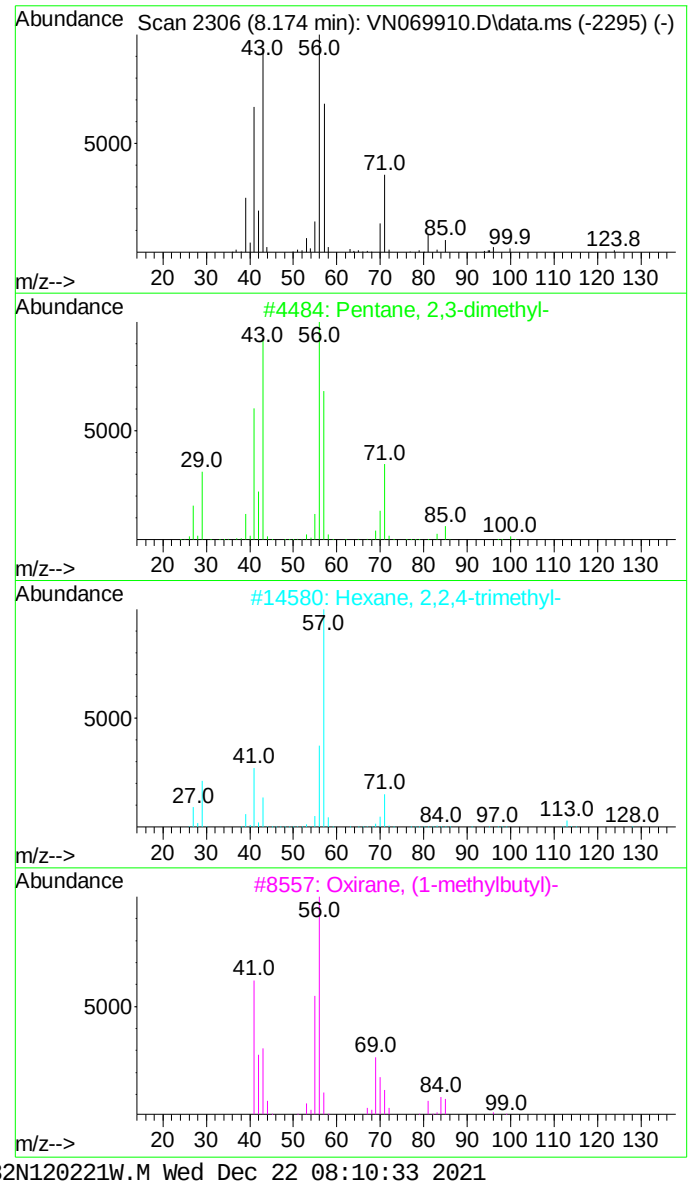
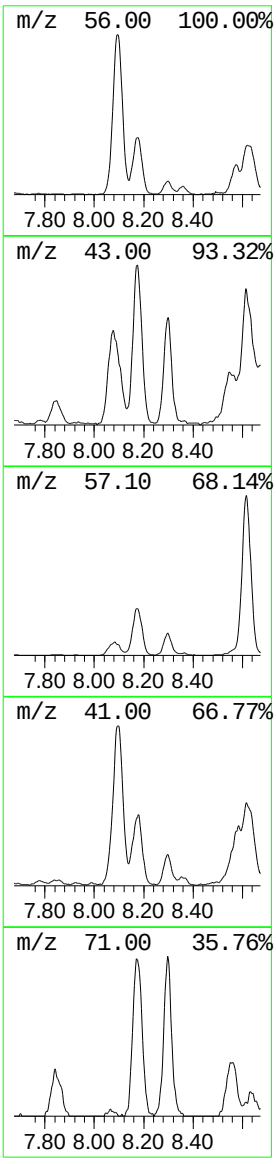
Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.174	5.49 ug/l	553497	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
3	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	42
4	1-Cyclopropylguanidine	99	C4H9N3	168627-33-6	38
5	1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	38





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Operator : JC/MD
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_N
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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

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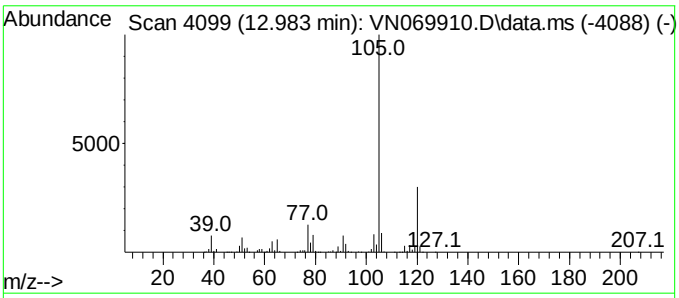
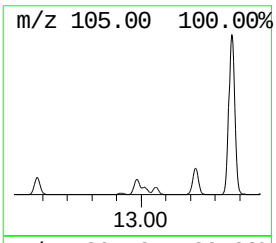
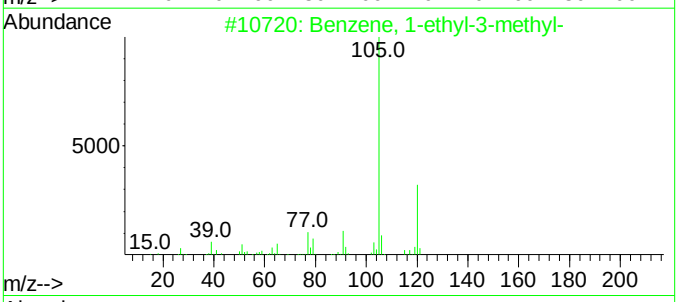
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

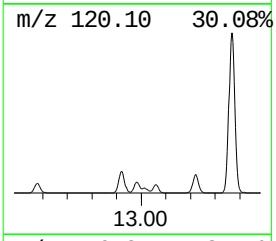
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	5.86 ug/l	1027670	1,4-Dichlorobenzene-d4	13.675

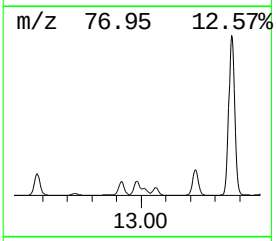
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	90

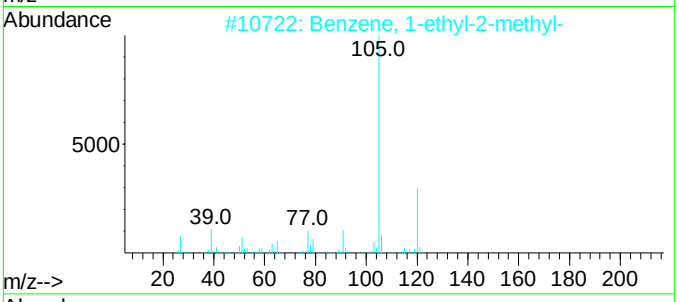


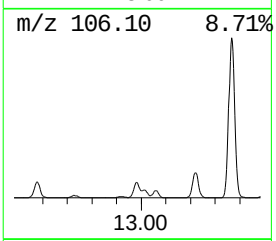


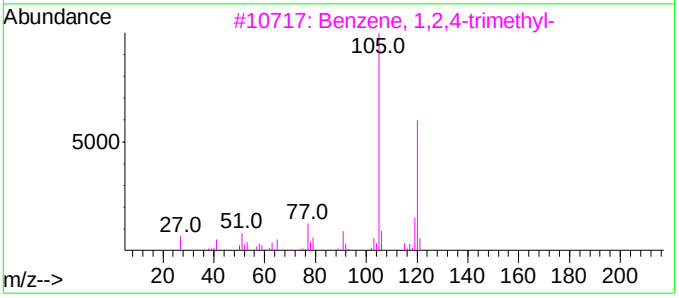


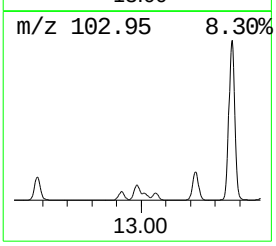












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Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

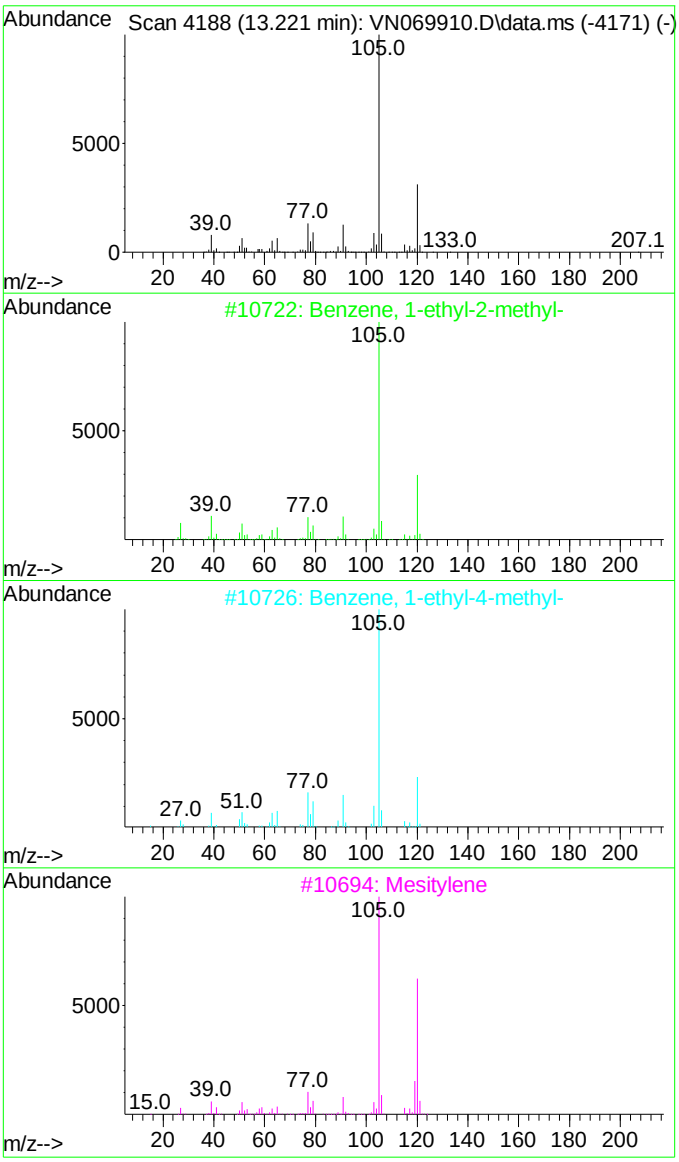
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

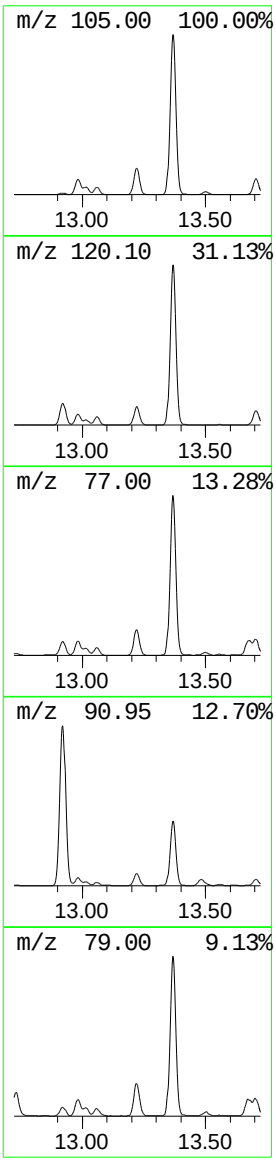
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	11.44 ug/l	2006500	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	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

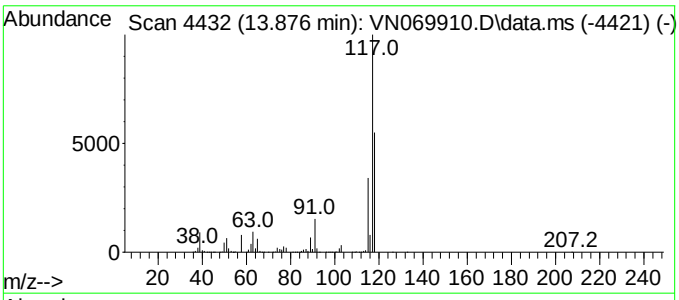
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

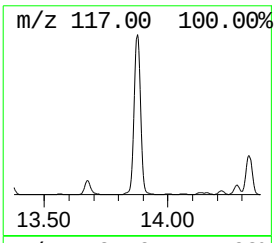
****

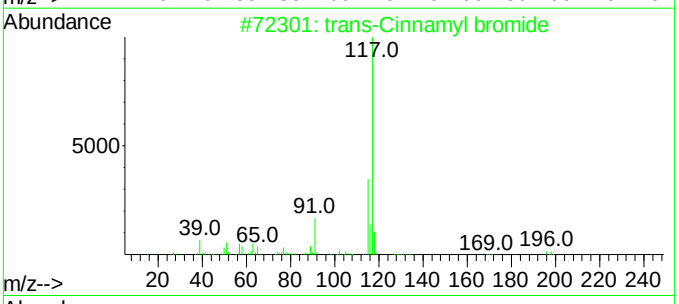
Peak Number 8 trans-Cinnamyl bromide Concentration Rank 1

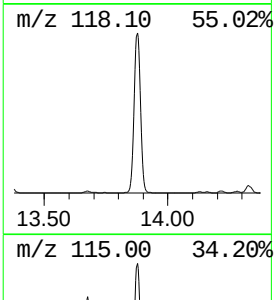
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.876	42.53 ug/l	7461580	1,4-Dichlorobenzene-d4	13.675

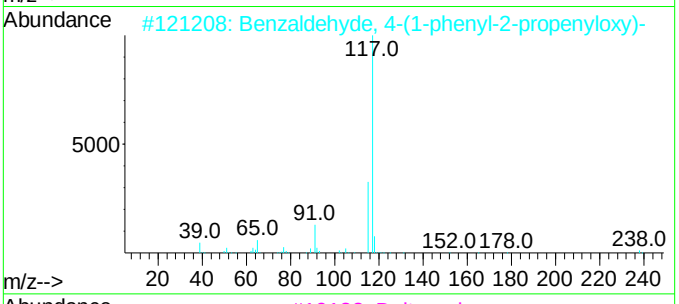
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
3	Deltacyclene	118	C9H10	007785-10-6	50
4	Indole	117	C8H7N	000120-72-9	47
5	4-Ethynylaniline	117	C8H7N	014235-81-5	47

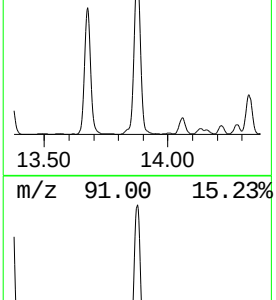


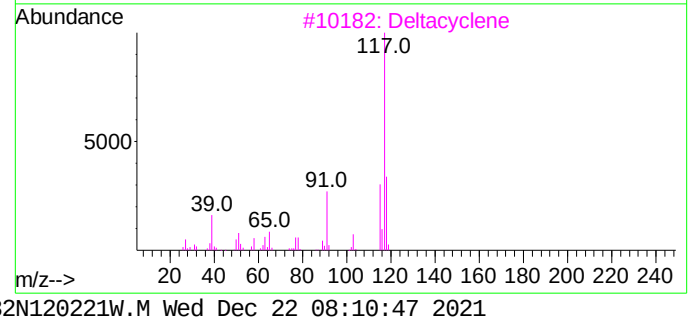


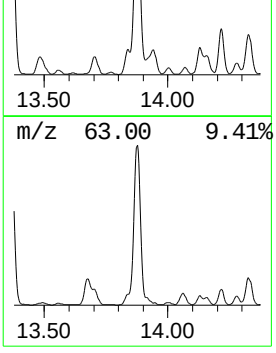












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Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

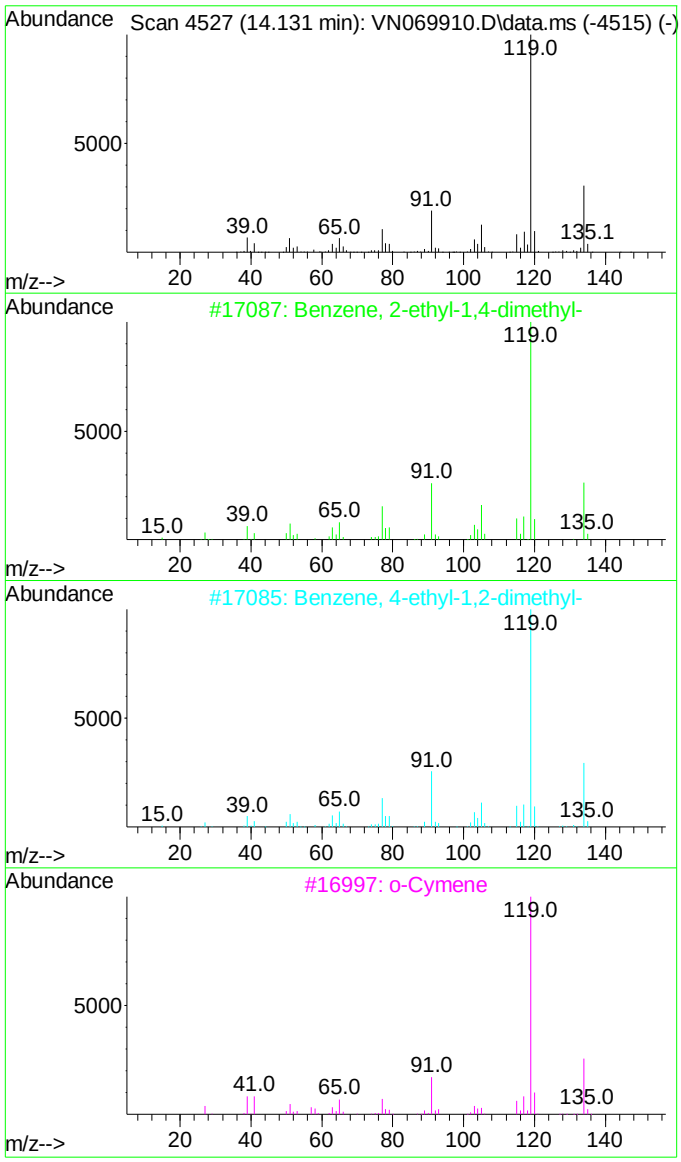
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

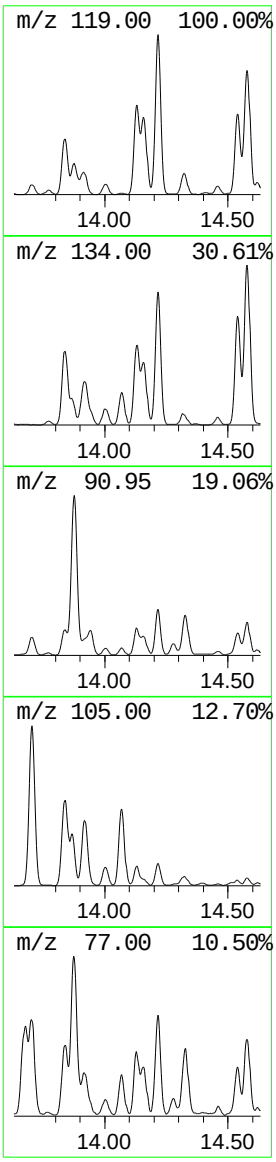
****

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.131	6.02 ug/l	1056970	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\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

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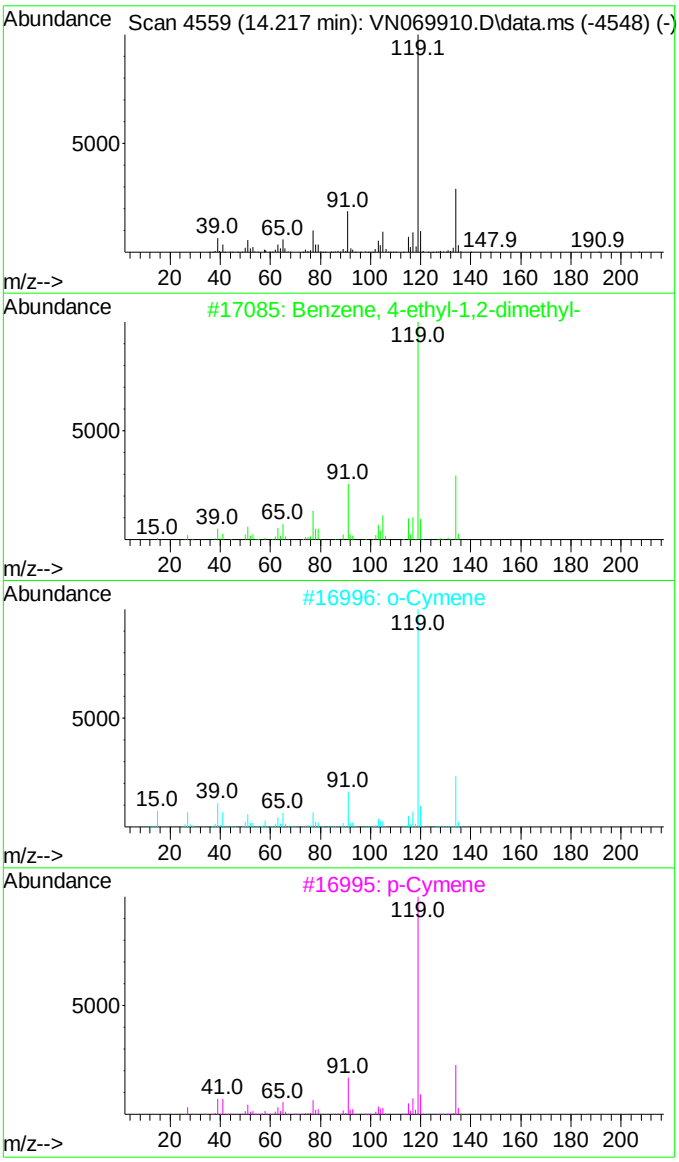
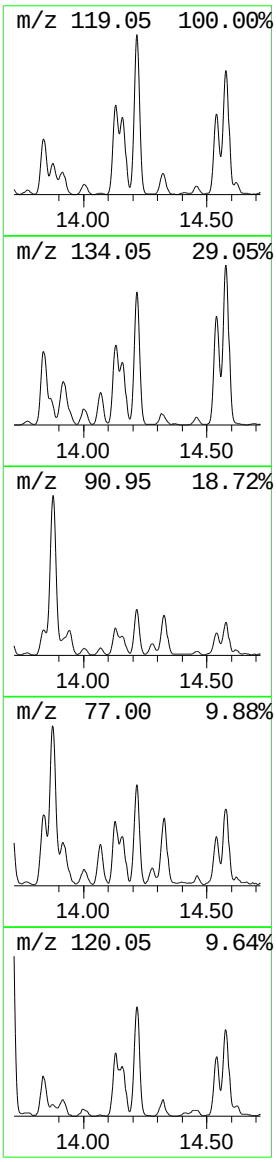
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	9.25 ug/l	1622800	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	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\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

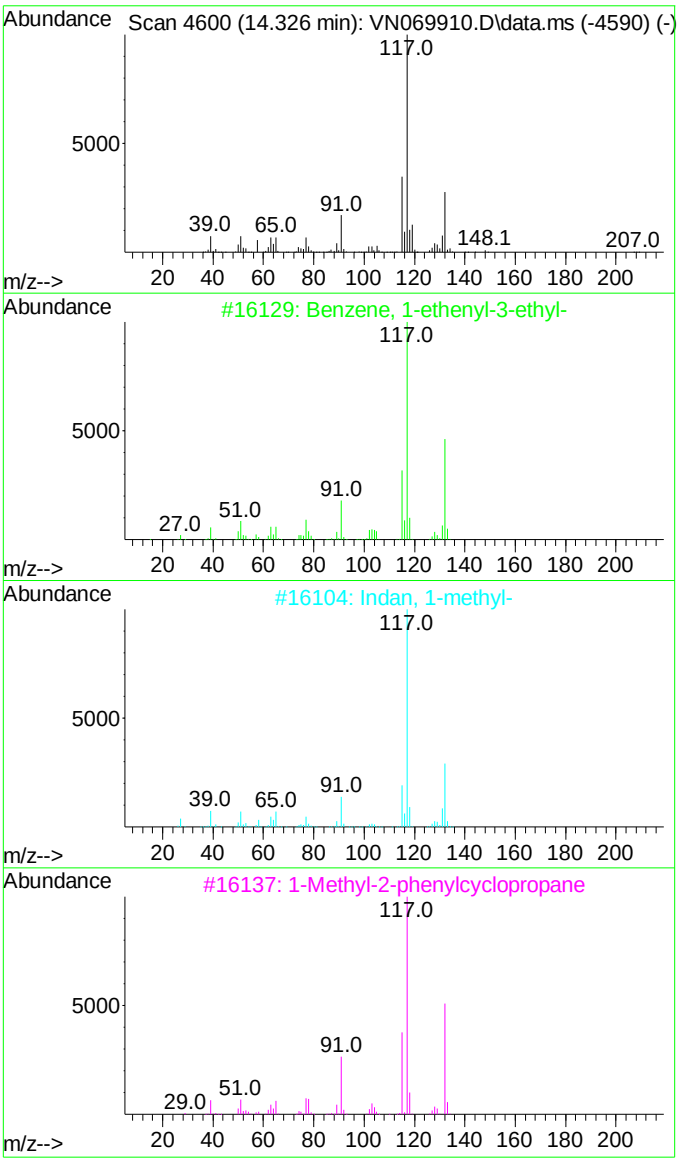
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

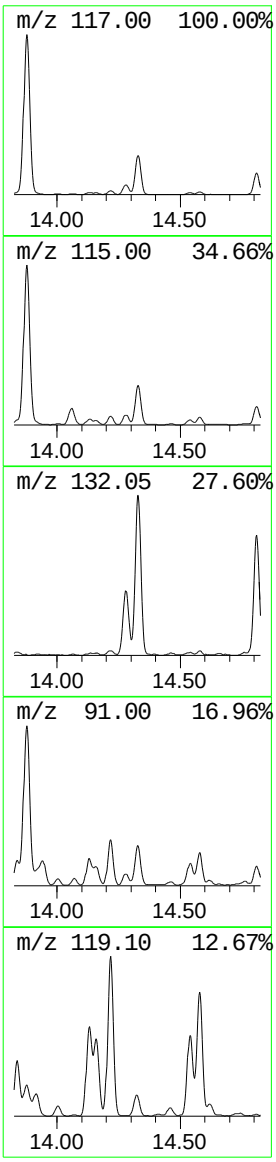
****

Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	11.53 ug/l	2022780	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

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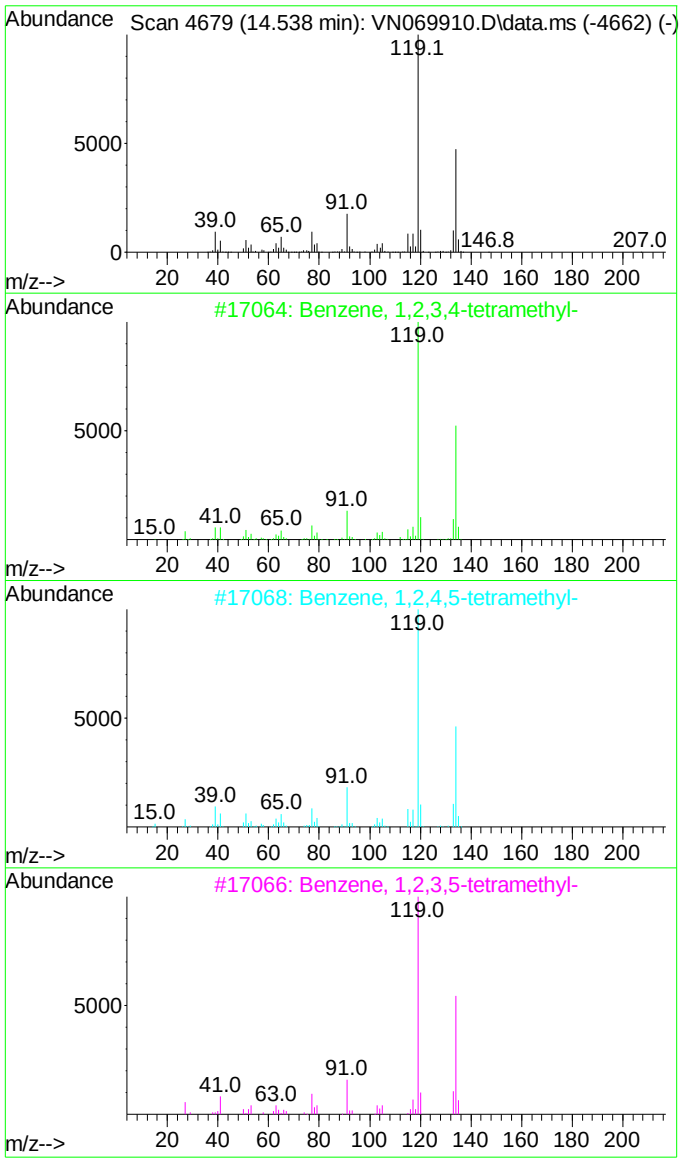
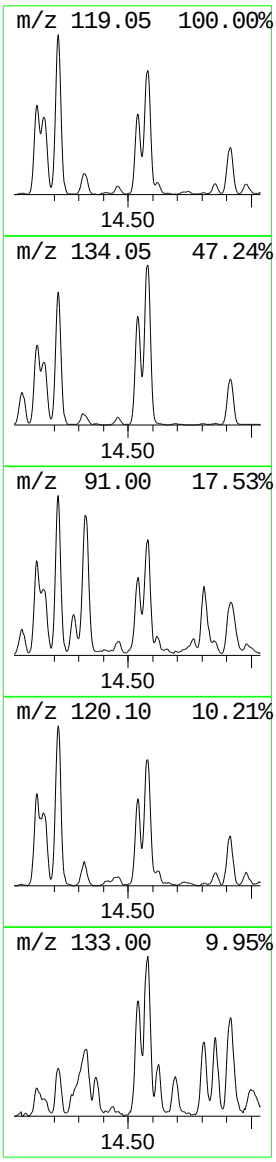
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.538	5.69 ug/l	997912	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

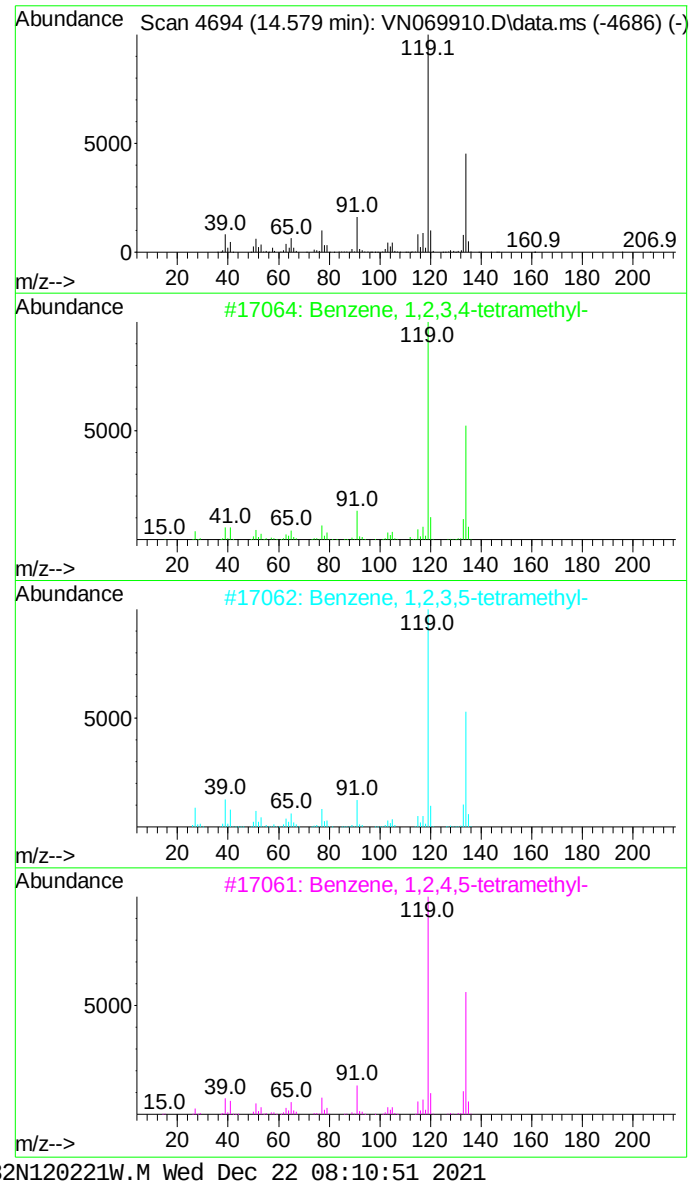
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

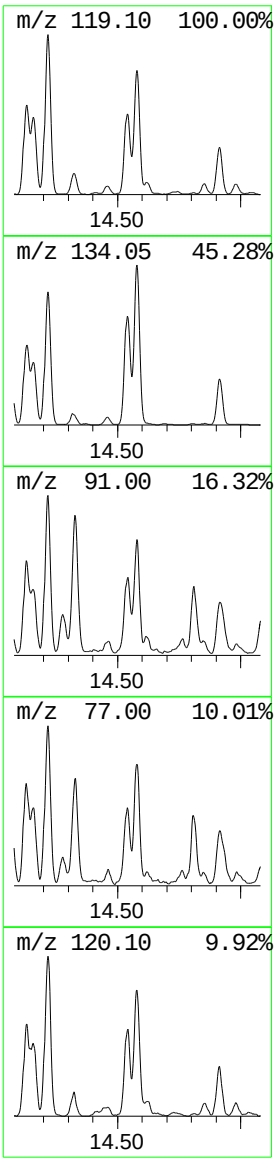
****

Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.579	7.28 ug/l	1277180	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	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	95





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Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

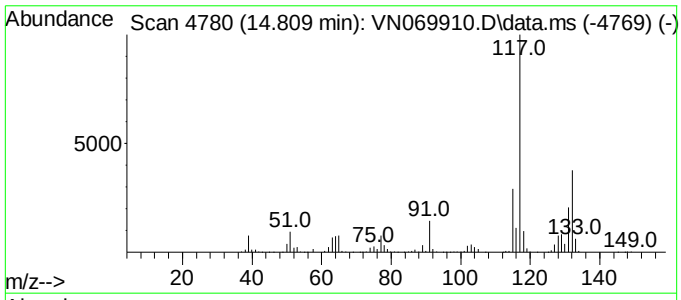
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

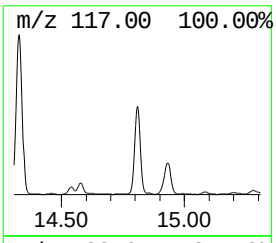
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

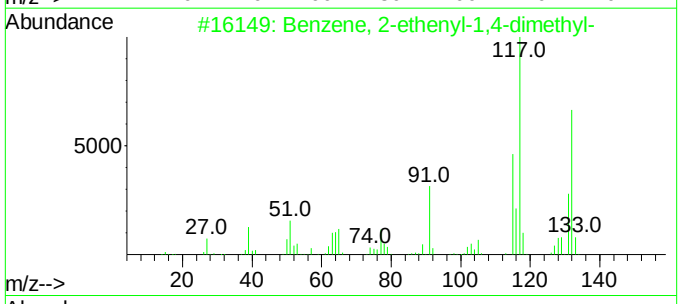
****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

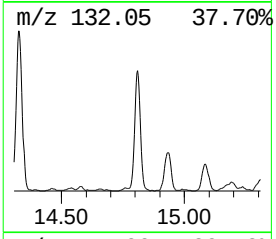
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	6.22 ug/l	1090810	1,4-Dichlorobenzene-d4	13.675

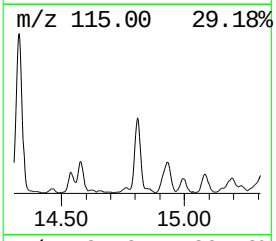
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90

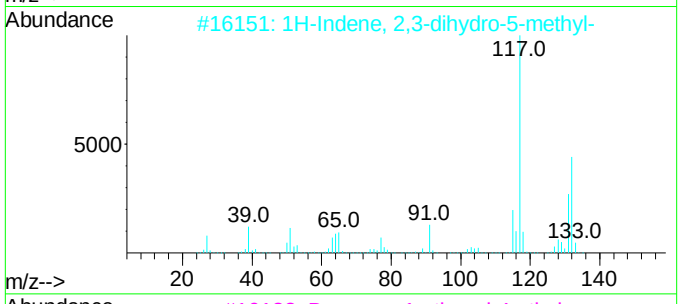


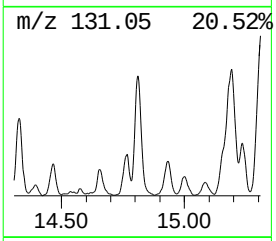


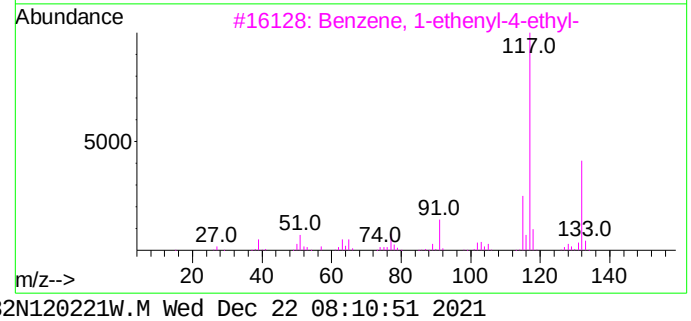


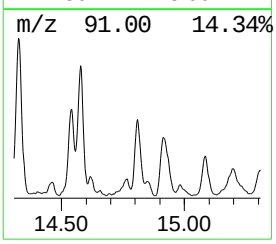












Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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

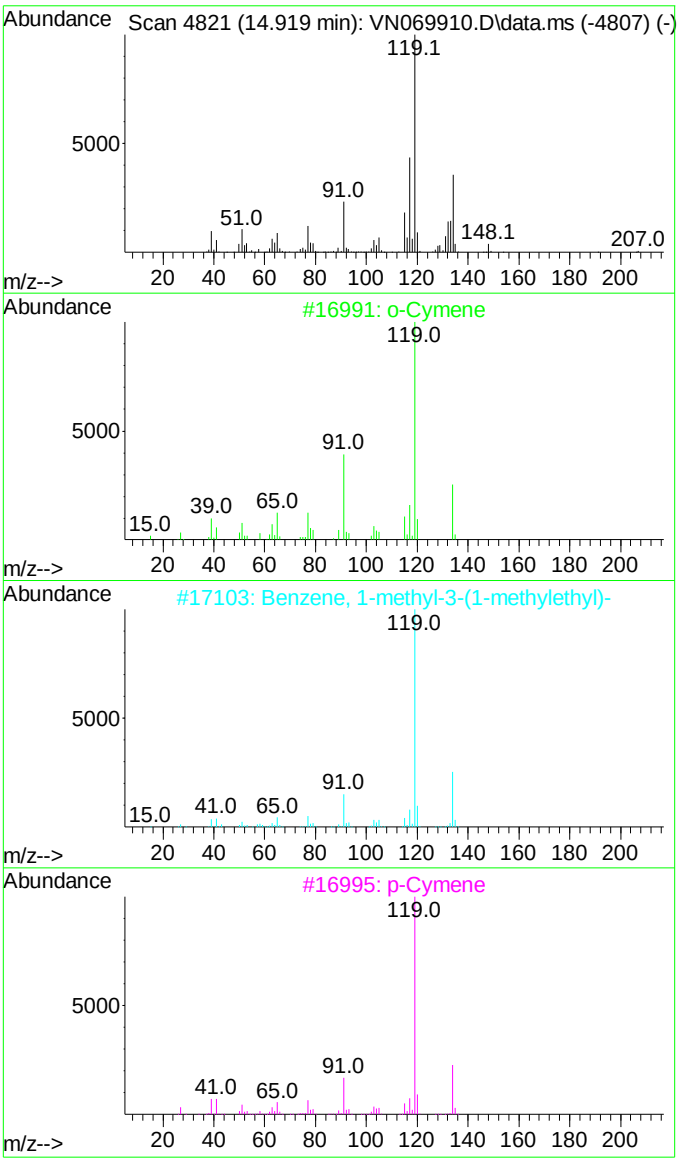
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

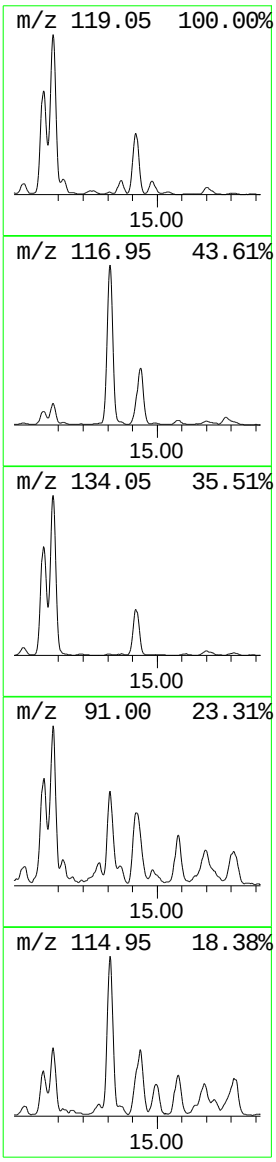
****

Peak Number 15 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.919	5.62 ug/l	986571	1,4-Dichlorobenzene-d4	13.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
Acq On : 9 Dec 2021 14:39
Operator : JC/MD
Sample : M4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-17

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...	2.279	8.6	ug/l	862758	1	8.088	5040780	50.0
Butane, 2-methyl-	3.145	12.0	ug/l	1207270	1	8.088	5040780	50.0
Pentane, 3-methyl-	5.621	10.6	ug/l	1067800	1	8.088	5040780	50.0
Cyclopentane, m...	7.149	26.1	ug/l	2635730	1	8.088	5040780	50.0
Pentane, 2,3-di...	8.174	5.5	ug/l	553497	1	8.088	5040780	50.0
Benzene, 1-ethy...	12.983	5.9	ug/l	1027670	4	13.675	8771770	50.0
Benzene, 1-ethy...	13.222	11.4	ug/l	2006500	4	13.675	8771770	50.0
trans-Cinnamyl ...	13.876	42.5	ug/l	7461580	4	13.675	8771770	50.0
Benzene, 2-ethy...	14.131	6.0	ug/l	1056970	4	13.675	8771770	50.0
Benzene, 4-ethy...	14.217	9.3	ug/l	1622800	4	13.675	8771770	50.0
Benzene, 1-ethe...	14.326	11.5	ug/l	2022780	4	13.675	8771770	50.0
Benzene, 1,2,3,...	14.538	5.7	ug/l	997912	4	13.675	8771770	50.0
Benzene, 1,2,3,...	14.579	7.3	ug/l	1277180	4	13.675	8771770	50.0
Benzene, 2-ethe...	14.809	6.2	ug/l	1090810	4	13.675	8771770	50.0
o-Cymene	14.919	5.6	ug/l	986571	4	13.675	8771770	50.0