

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076318.D
 Acq On : 19 Jan 2023 13:19
 Operator : JC\MD
 Sample : 01221-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0118

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\82N011623W.M
 Title : SW846 8260

Signal : TIC: VN076318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.259	196	205	217	rVB2	167558	402635	1.01%	0.227%
2	4.442	395	406	421	rBV	254771	775082	1.94%	0.438%
3	5.400	555	569	583	rVB4	102602	487917	1.22%	0.275%
4	5.806	623	638	660	rBV2	681478	2454804	6.16%	1.386%
5	7.271	871	887	891	rBV2	142746	413372	1.04%	0.233%
6	7.336	891	898	919	rVB	429199	1363913	3.42%	0.770%
7	8.171	1031	1040	1045	rBV	273255	673519	1.69%	0.380%
8	8.230	1045	1050	1063	rVB3	567402	1687380	4.23%	0.953%
9	8.588	1103	1111	1125	rBV2	280493	780915	1.96%	0.441%
10	9.106	1190	1199	1206	rBV2	819197	1823740	4.57%	1.030%
11	9.600	1279	1283	1291	rVB	217397	469426	1.18%	0.265%
12	10.106	1361	1369	1374	rBV	205991	404937	1.02%	0.229%
13	10.453	1420	1428	1440	rVB2	242199	484897	1.22%	0.274%
14	10.571	1440	1448	1454	rBV	1083890	2038136	5.11%	1.151%
15	11.865	1660	1668	1676	rBV	933067	1703411	4.27%	0.962%
16	11.965	1676	1685	1696	rVV	17050254	28148192	70.59%	15.891%
17	12.082	1696	1705	1715	rVB	11013992	18581427	46.60%	10.490%
18	12.400	1748	1759	1766	rBV	1377486	2382586	5.98%	1.345%
19	12.700	1803	1810	1817	rVB	899570	1476737	3.70%	0.834%
20	12.853	1829	1836	1844	rBV	751713	1300671	3.26%	0.734%
21	13.035	1860	1867	1873	rBV	2004395	3291075	8.25%	1.858%
22	13.135	1873	1884	1898	rVB	3065705	5800670	14.55%	3.275%
23	13.335	1911	1918	1930	rVB	6627975	11020054	27.64%	6.221%
24	13.482	1930	1943	1957	rBV	25258793	39874332	100.00%	22.511%
25	13.823	1990	2001	2017	rVB2	4048035	8386539	21.03%	4.735%
26	13.953	2017	2023	2025	rBV	837900	1258189	3.16%	0.710%
27	13.994	2025	2030	2036	rVV2	5113721	9769240	24.50%	5.515%
28	14.035	2036	2037	2046	rVB2	697136	885008	2.22%	0.500%
29	14.182	2056	2062	2067	rVV2	708318	1190169	2.98%	0.672%
30	14.247	2067	2073	2076	rVV	1312434	2274880	5.71%	1.284%
31	14.276	2076	2078	2083	rVV	1048702	1368445	3.43%	0.773%
32	14.335	2083	2088	2094	rVB	1937067	3011442	7.55%	1.700%
33	14.400	2094	2099	2102	rBV	354230	577956	1.45%	0.326%
34	14.447	2102	2107	2116	rVB2	1311775	2226496	5.58%	1.257%
35	14.576	2124	2129	2135	rVB	368002	569821	1.43%	0.322%
36	14.659	2135	2143	2146	rBV	1162817	2003958	5.03%	1.131%

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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\82N011623W.M
Title : SW846 8260

37	14.694	2146	2149	2155	rVB	1503584	2247727	5.64%	1.269%
38	14.929	2184	2189	2194	rBV	1162390	1898135	4.76%	1.072%
39	15.053	2201	2210	2217	rBV2	1964083	4219946	10.58%	2.382%
40	15.211	2228	2237	2244	rBV3	274856	541812	1.36%	0.306%
41	15.323	2244	2256	2269	rVV3	394128	1339769	3.36%	0.756%
42	15.441	2269	2276	2285	rVB3	244047	628618	1.58%	0.355%
43	15.641	2302	2310	2319	rVB	2550373	4897159	12.28%	2.765%

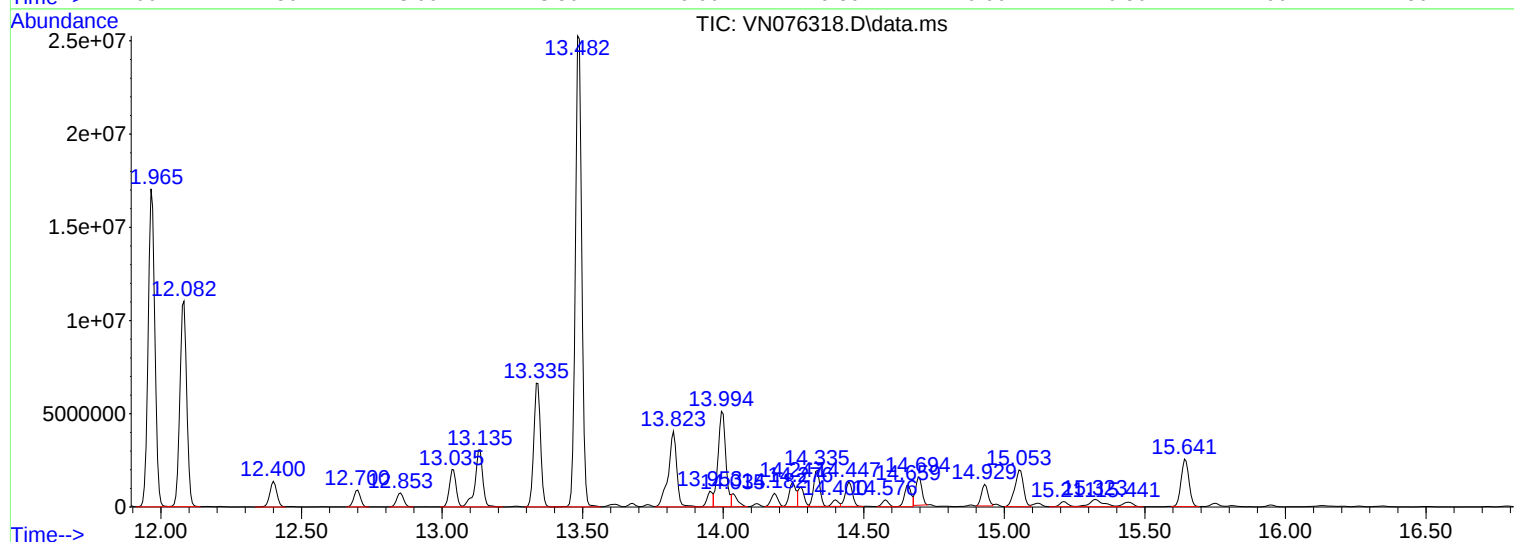
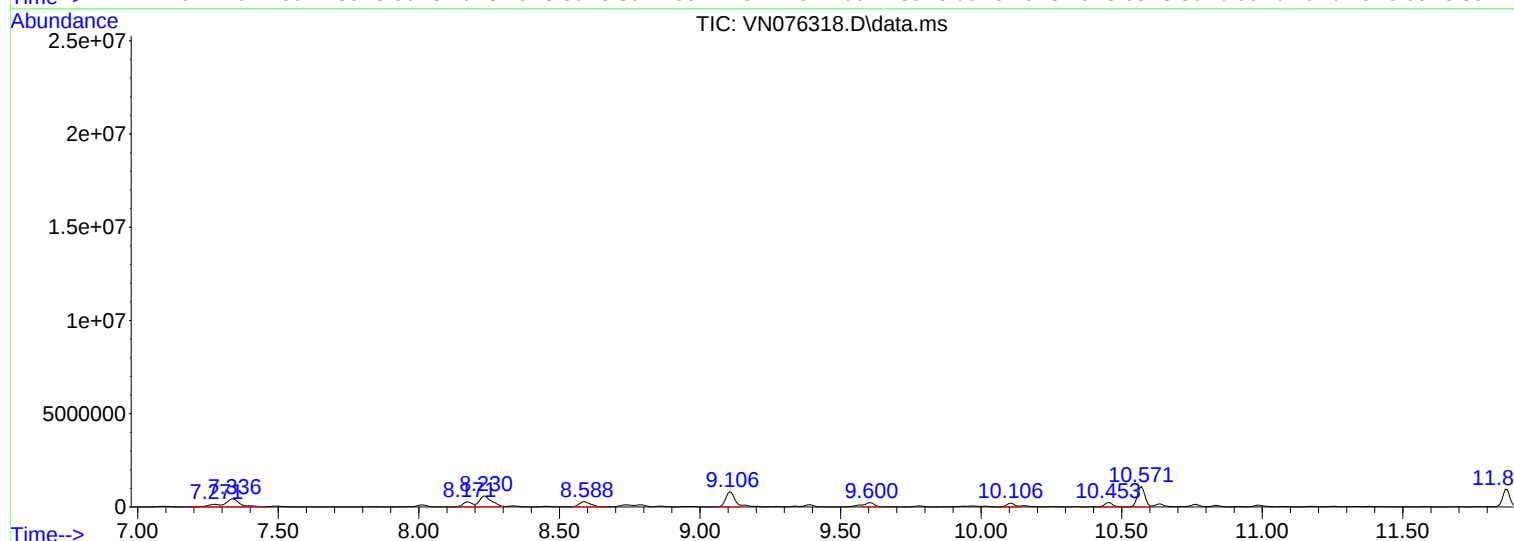
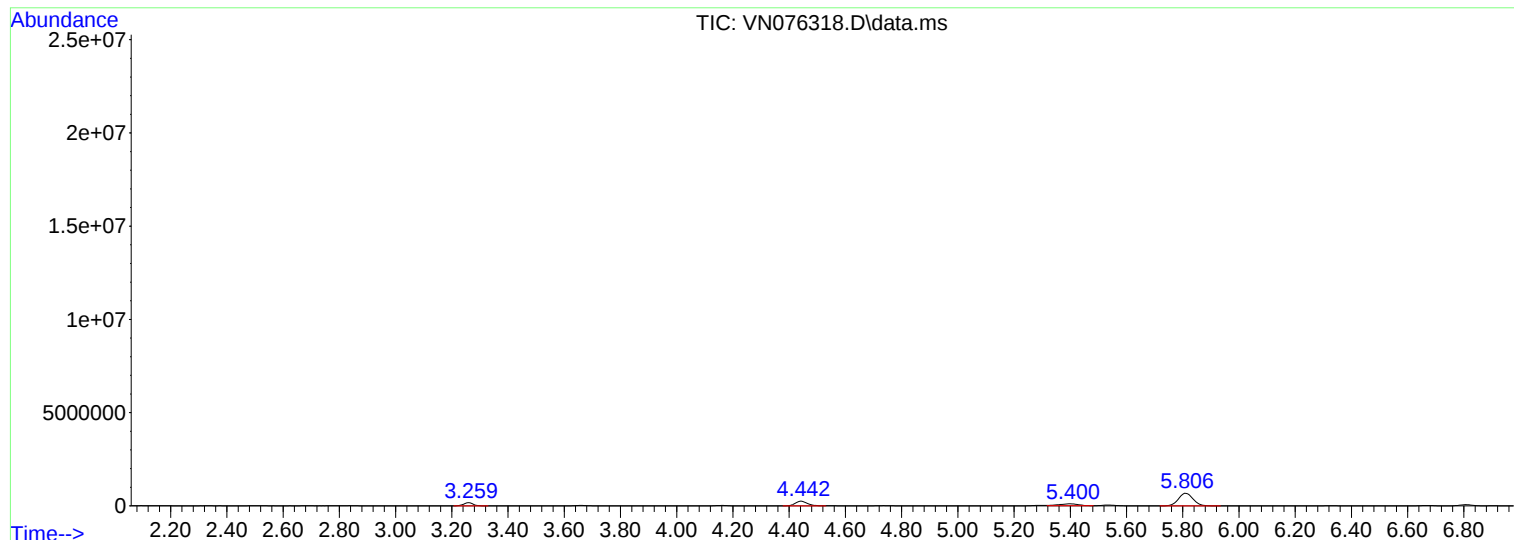
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Quant Title :

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



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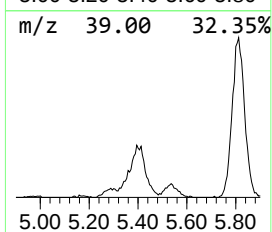
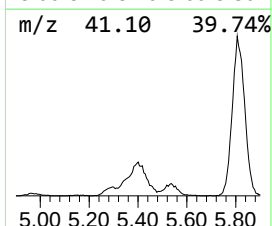
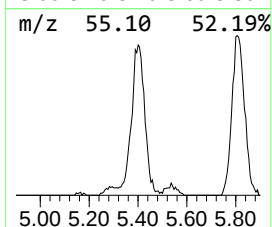
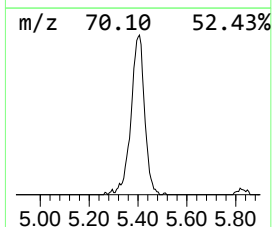
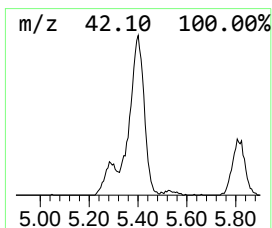
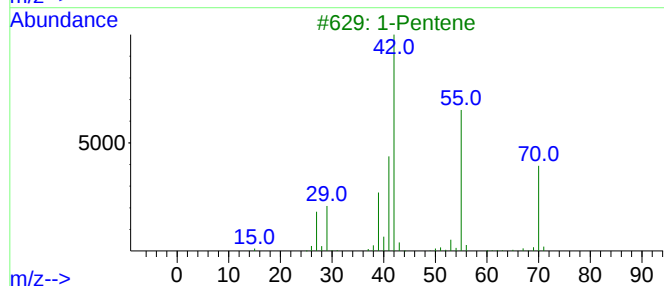
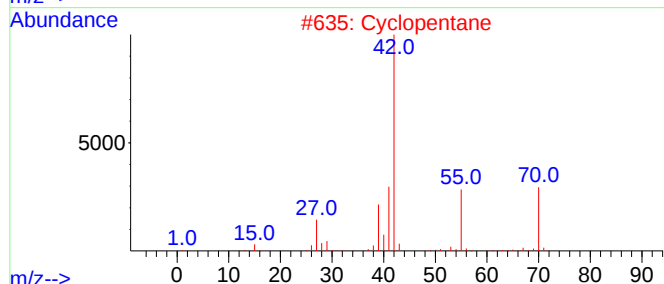
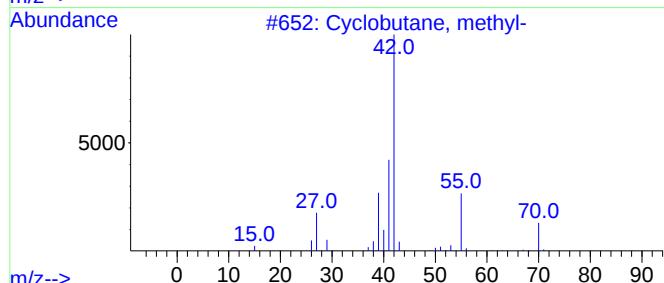
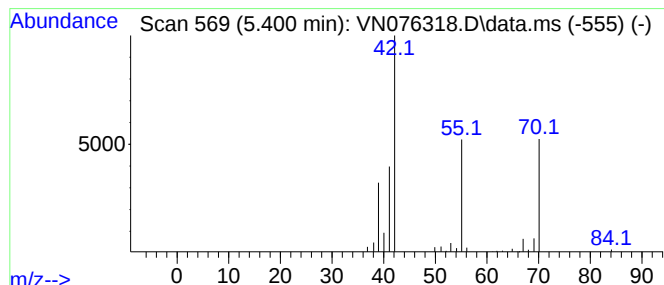
Quant Title :

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

Peak Number 1 Cyclobutane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	14.46 ug/l	487917	Pentafluorobenzene	8.230

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2		Cyclopentane	70	C5H10	000287-92-3	86
3		1-Pentene	70	C5H10	000109-67-1	78
4		2-Pentene	70	C5H10	000109-68-2	59
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	59



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Instrument :
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ClientSampleId :
MW-10-0118

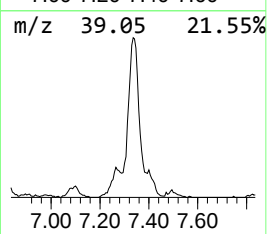
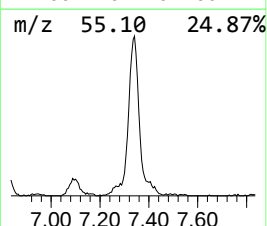
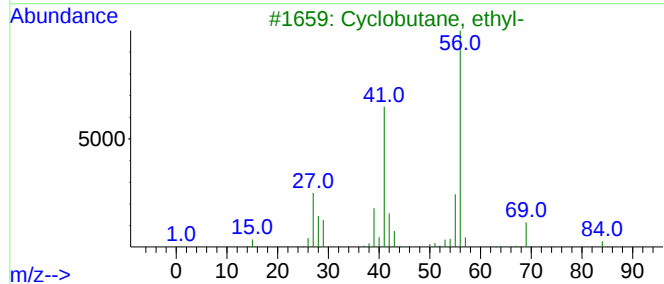
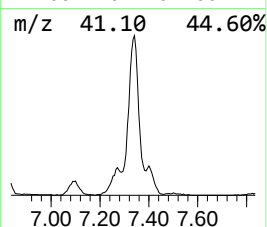
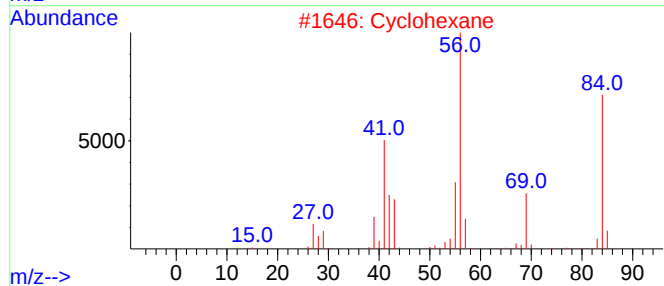
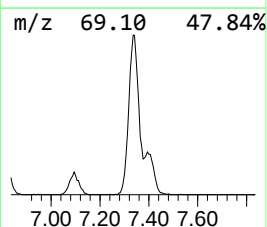
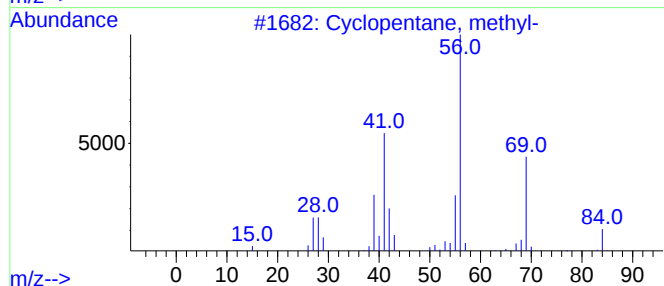
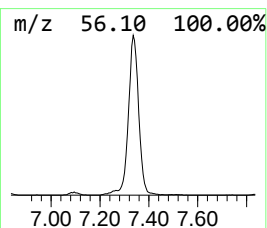
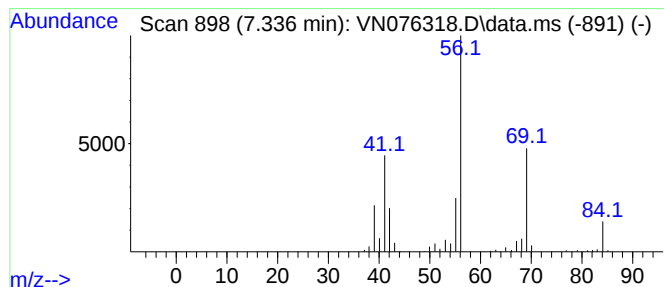
Quant Title :

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

Peak Number 2 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.336	40.42 ug/l	1363910	Pentafluorobenzene	8.230

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		Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	39



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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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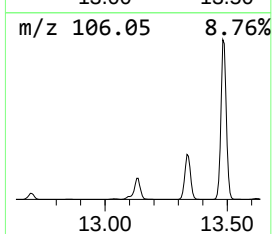
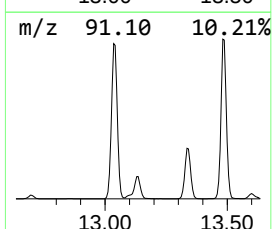
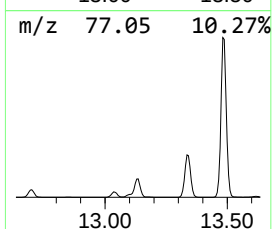
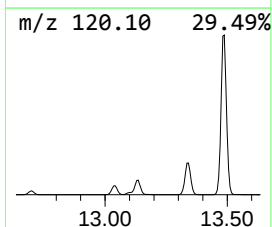
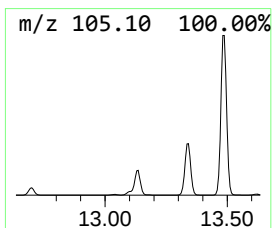
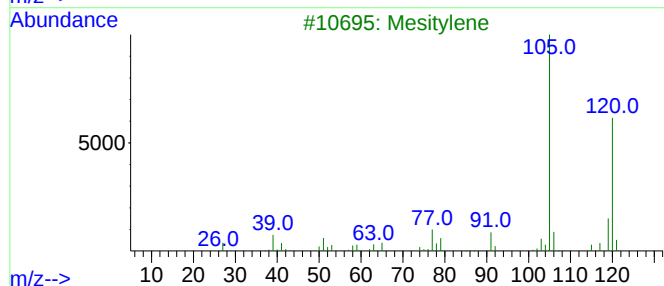
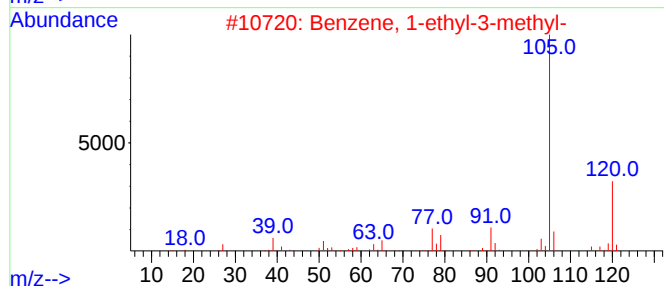
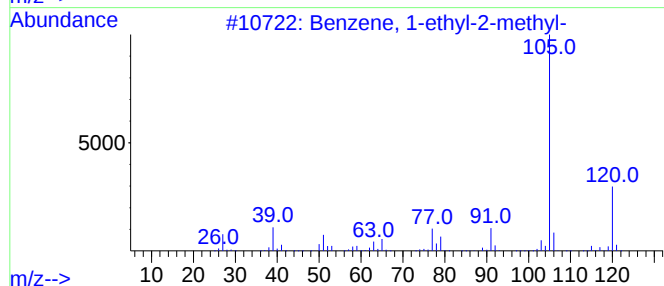
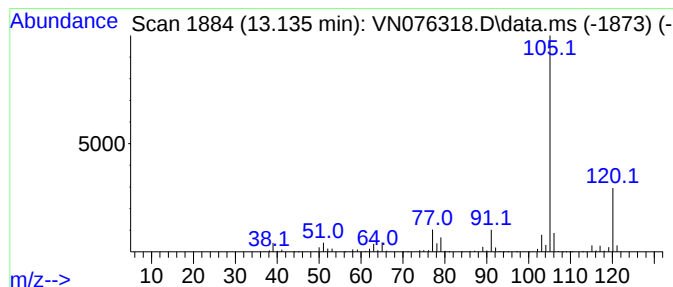
Quant Title :

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.135	34.58 ug/l	5800670	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ClientSampleId :
MW-10-0118

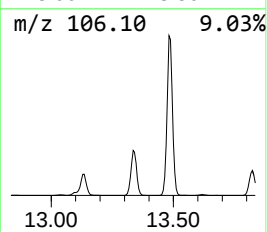
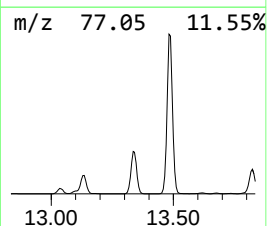
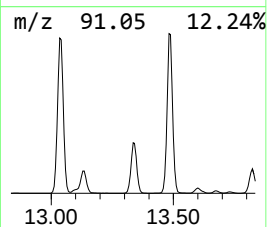
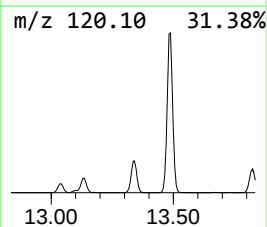
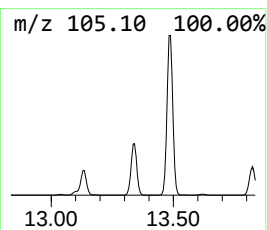
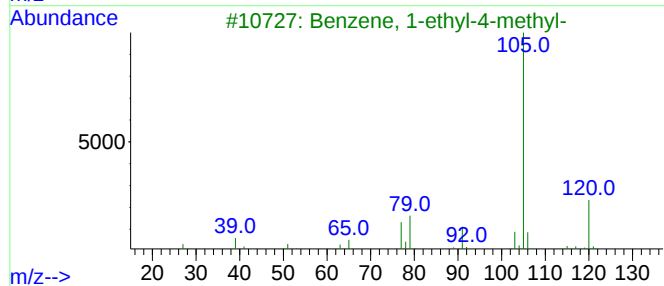
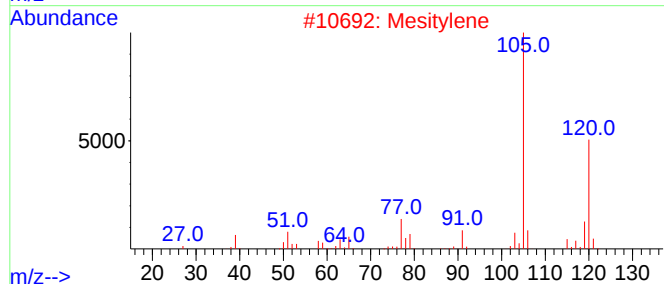
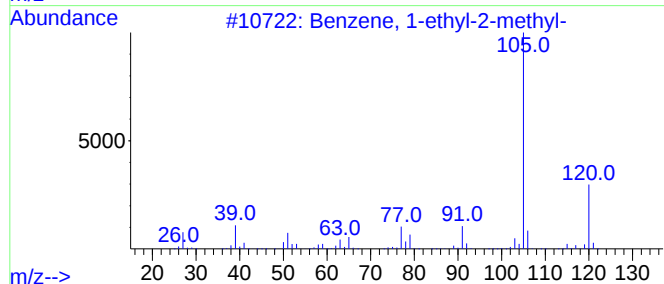
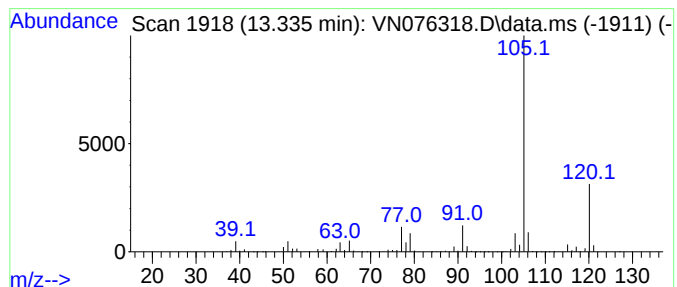
Quant Title :

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

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	65.70 ug/l	11020100	1,4-Dichlorobenzene-d4	13.794

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



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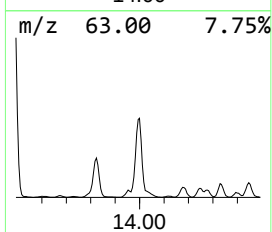
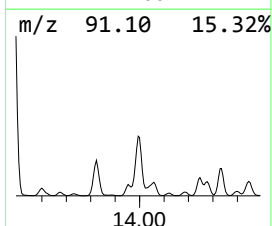
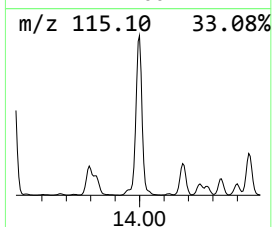
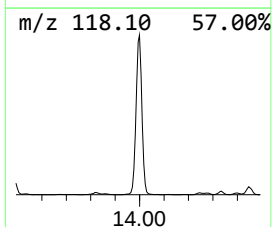
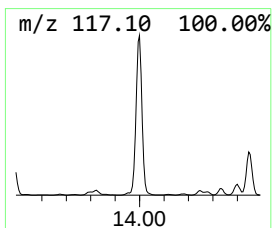
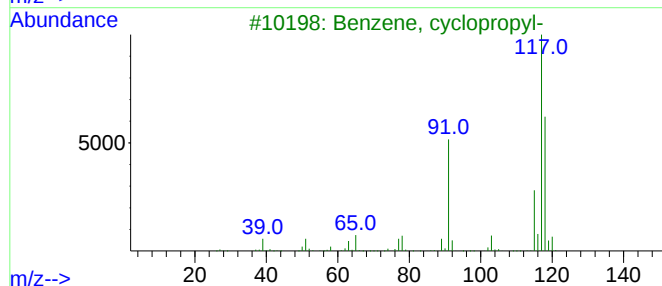
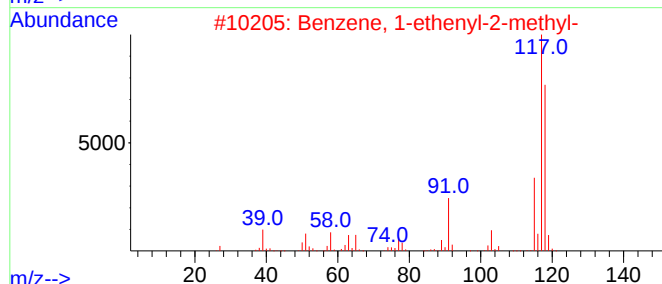
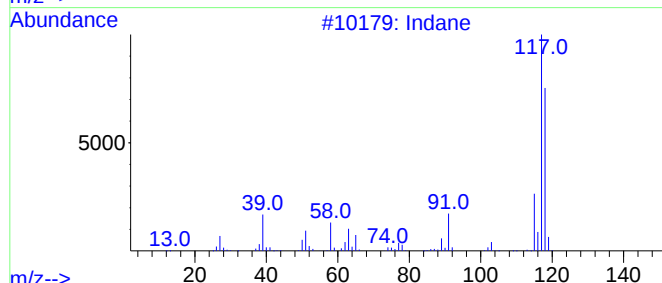
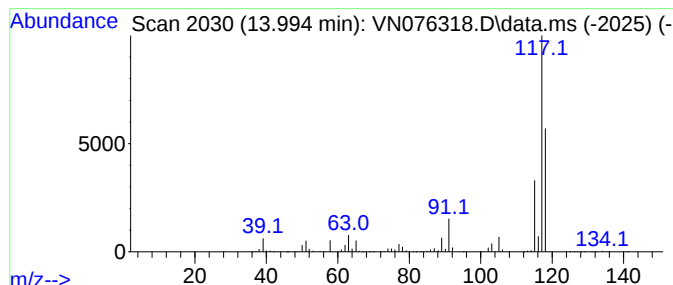
Quant Title :

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

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	58.24 ug/l	9769240	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	81
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

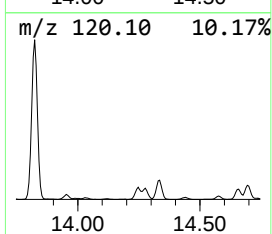
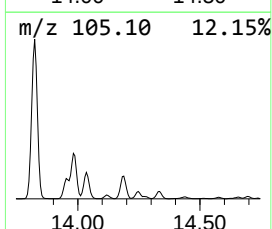
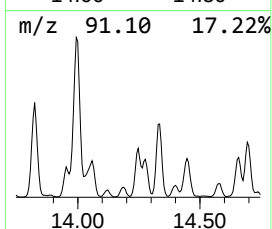
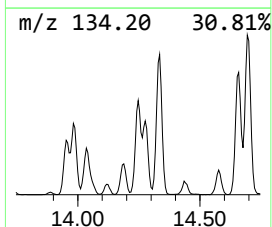
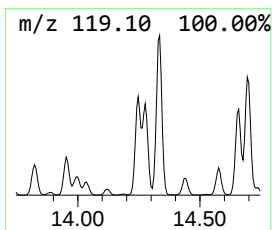
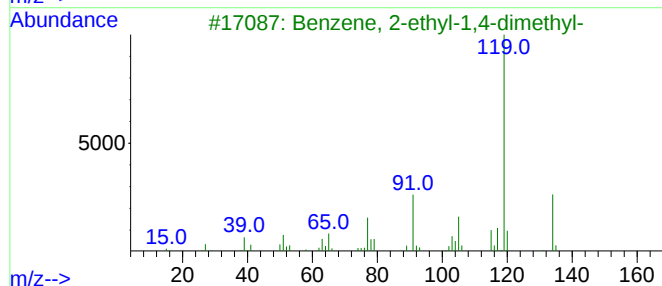
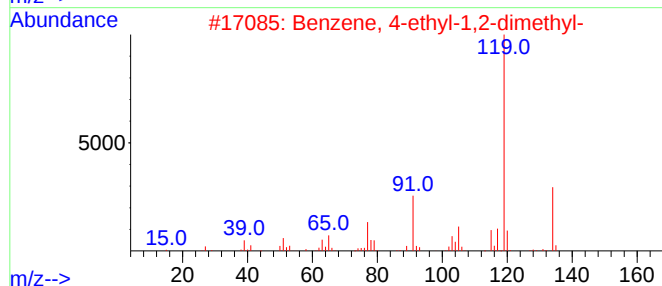
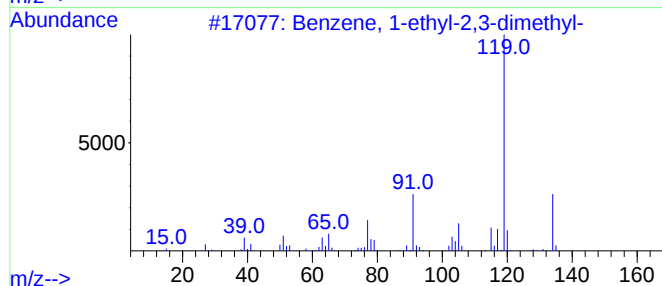
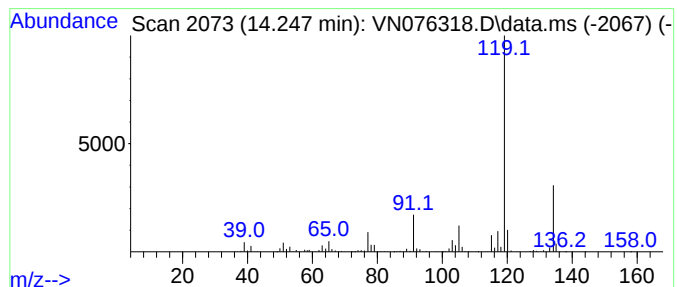
Quant Title :

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	13.56 ug/l	2274880	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

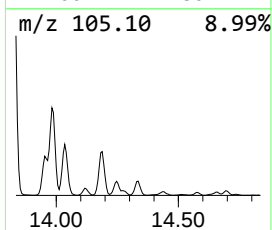
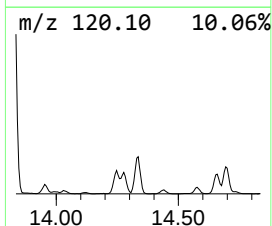
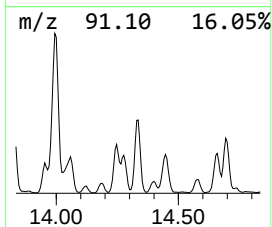
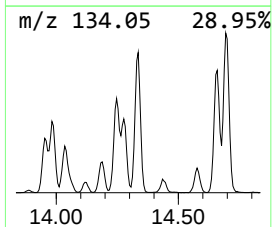
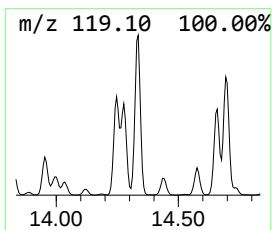
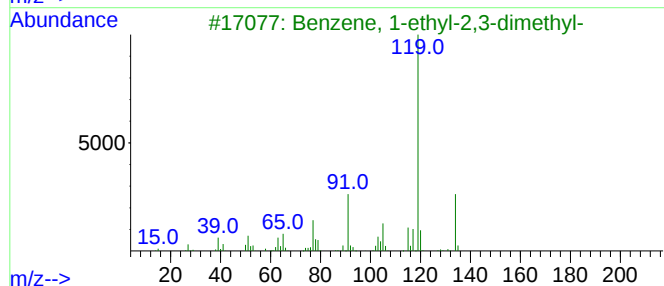
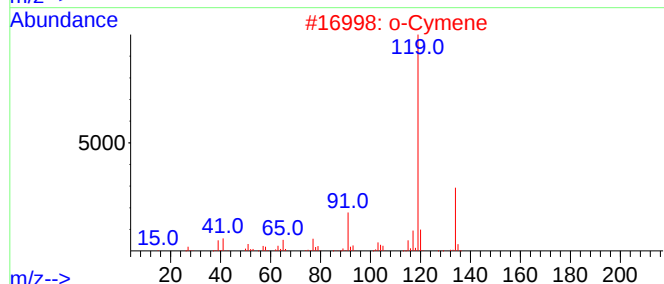
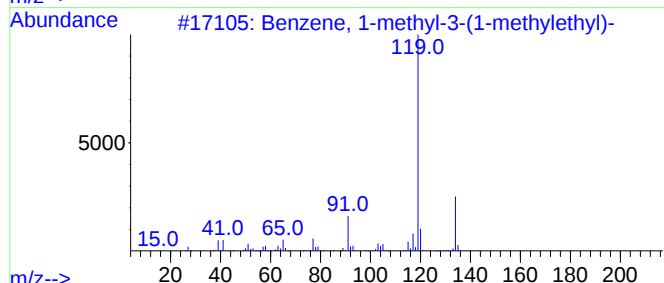
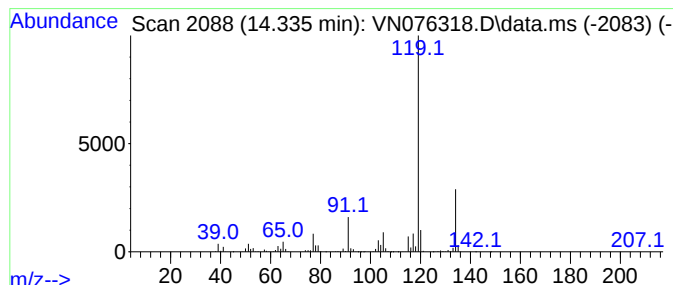
Quant Title :

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	17.95 ug/l	3011440	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

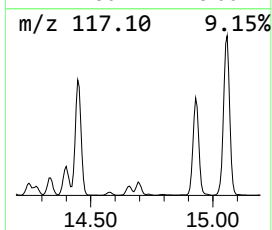
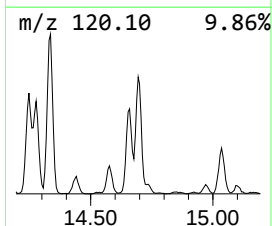
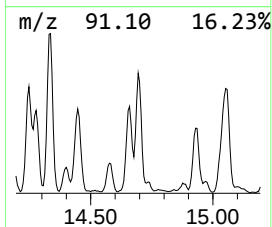
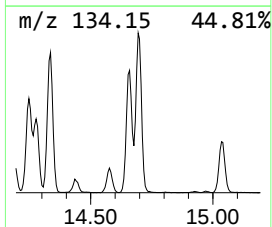
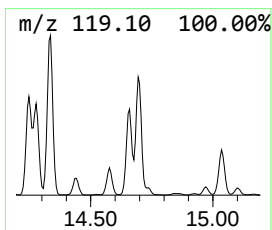
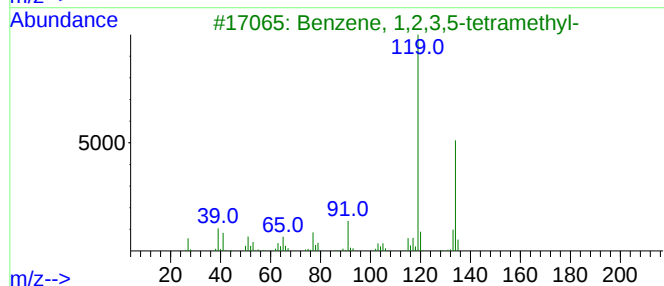
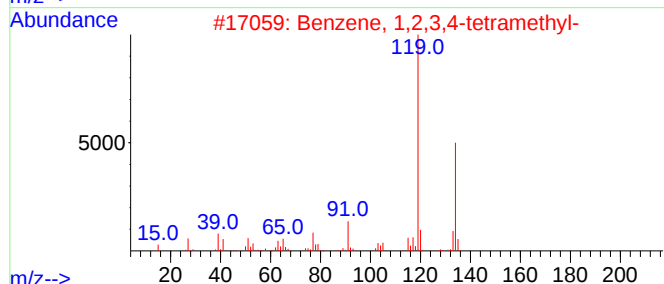
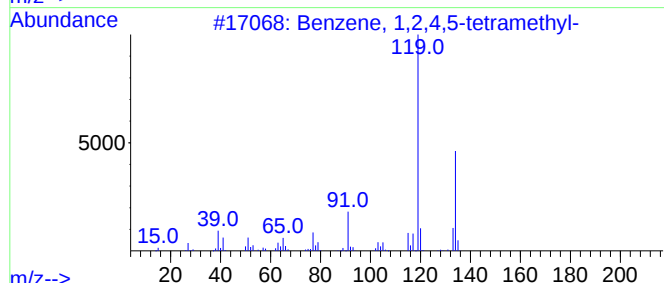
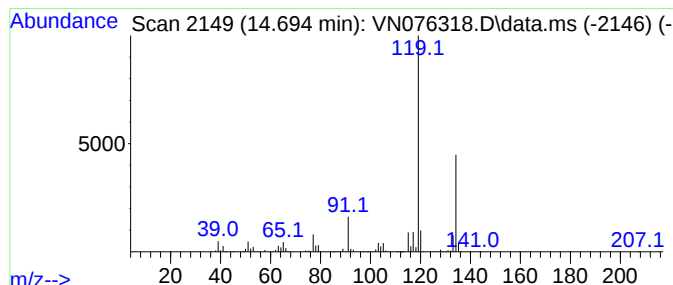
Quant Title :

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	13.40 ug/l	2247730	1,4-Dichlorobenzene-d4	13.794

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

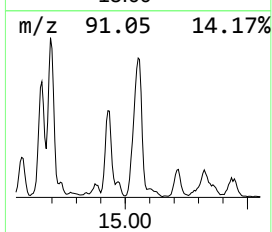
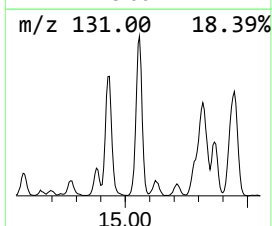
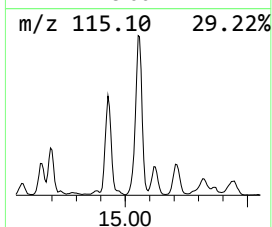
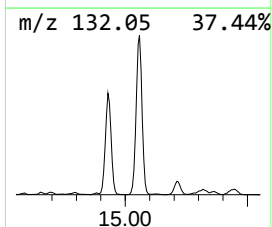
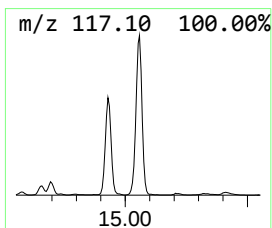
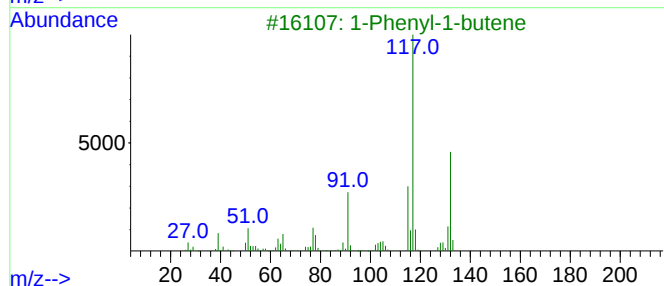
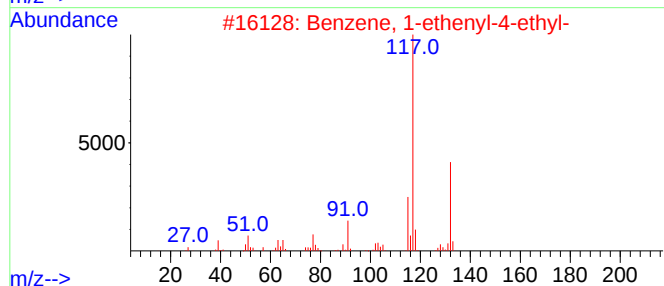
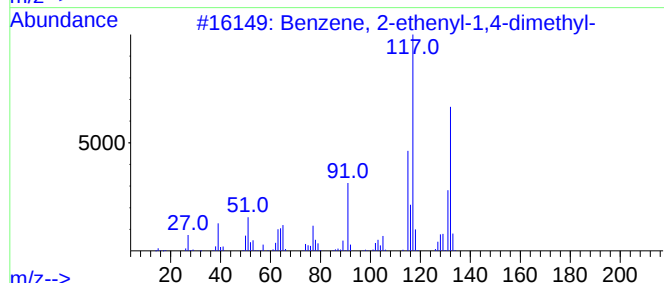
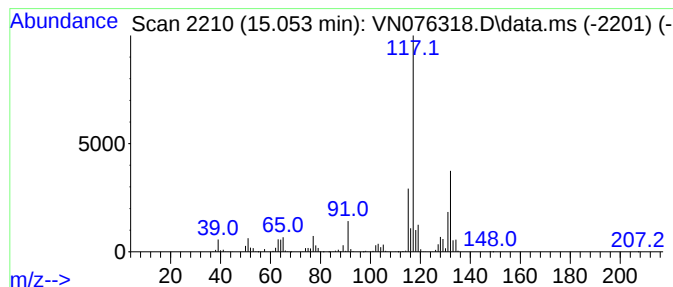
Quant Title :

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	25.16 ug/l	4219950	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

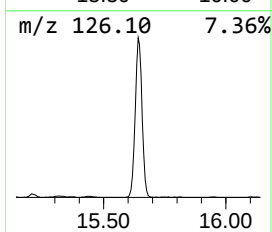
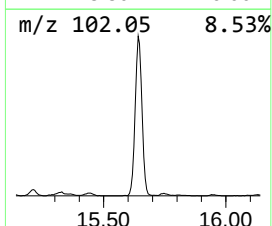
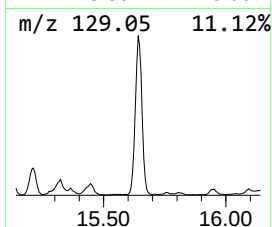
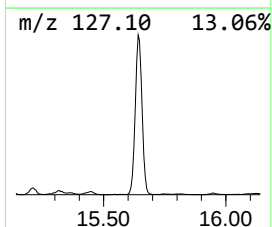
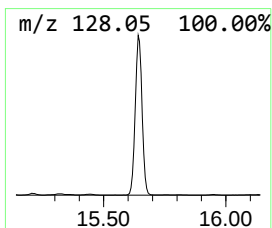
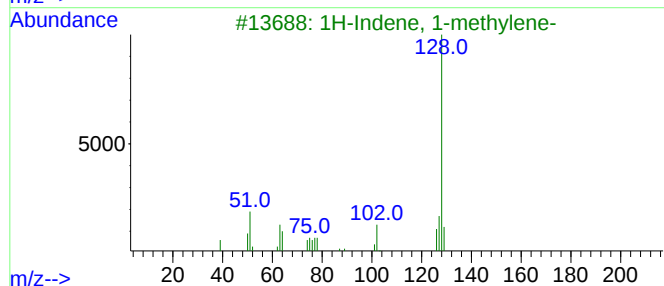
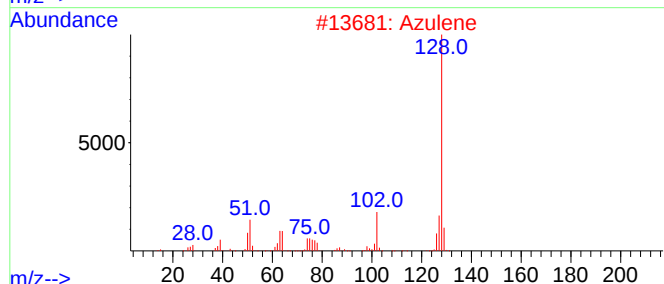
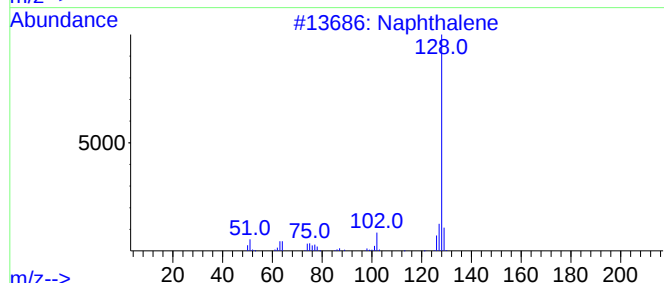
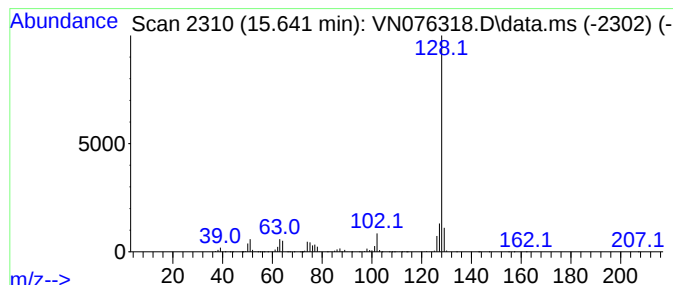
Quant Title :

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

Peak Number 10 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.641	29.20 ug/l	4897160	1,4-Dichlorobenzene-d4	13.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene	128	C10H8	000091-20-3	95
2		Azulene	128	C10H8	000275-51-4	91
3		1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4		4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5		4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076318.D
Acq On : 19 Jan 2023 13:19
Operator : JC\MD
Sample : 01221-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclopentane, m...	7.336	40.4	ug/l	1363910	1	8.230	1687380	50.0
Benzene, 1-ethy...	13.135	34.6	ug/l	5800670	4	13.794	8386540	50.0
Benzene, 1-ethy...	13.335	65.7	ug/l	11020100	4	13.794	8386540	50.0
Indane	13.994	58.2	ug/l	9769240	4	13.794	8386540	50.0
Benzene, 1-ethy...	14.247	13.6	ug/l	2274880	4	13.794	8386540	50.0
Benzene, 1-meth...	14.335	17.9	ug/l	3011440	4	13.794	8386540	50.0
Benzene, 1,2,4,...	14.694	13.4	ug/l	2247730	4	13.794	8386540	50.0
Benzene, 2-ethe...	15.053	25.2	ug/l	4219950	4	13.794	8386540	50.0
Azulene	15.641	29.2	ug/l	4897160	4	13.794	8386540	50.0