

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M

Title : SW846 8260

Signal : TIC: VN085225.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.224	1060	1066	1076	rVB2	302087	678119	1.46%	0.514%
2	9.100	1206	1215	1224	rBV	312173	618649	1.34%	0.469%
3	10.565	1455	1464	1473	rBV	444123	829553	1.79%	0.629%
4	11.865	1678	1685	1695	rBV	421224	772655	1.67%	0.586%
5	12.694	1819	1826	1841	rVB	1171626	1957771	4.23%	1.484%
6	12.847	1842	1852	1862	rVB	350338	620865	1.34%	0.471%
7	13.035	1876	1884	1890	rBV	1052754	1677404	3.62%	1.271%
8	13.129	1890	1900	1904	rVV	720042	1200096	2.59%	0.910%
9	13.170	1904	1907	1913	rVB	316464	473125	1.02%	0.359%
10	13.335	1927	1935	1943	rBV	2378408	3846513	8.31%	2.915%
11	13.482	1948	1960	1966	rBV	8247211	13401384	28.94%	10.157%
12	13.729	1997	2002	2007	rBV2	292755	466373	1.01%	0.353%
13	13.817	2007	2017	2033	rVB	2821177	5548884	11.98%	4.206%
14	13.947	2033	2039	2042	rBV	847093	1430394	3.09%	1.084%
15	13.994	2042	2047	2060	rVB	5111994	9769413	21.10%	7.404%
16	14.241	2084	2089	2091	rBV	462408	711693	1.54%	0.539%
17	14.270	2091	2094	2098	rVV	557643	853573	1.84%	0.647%
18	14.329	2098	2104	2110	rVB	1207941	1933331	4.17%	1.465%
19	14.447	2117	2124	2133	rVB	2638107	4899937	10.58%	3.714%
20	14.653	2150	2159	2161	rBV	451512	706024	1.52%	0.535%
21	14.688	2161	2165	2170	rVV	938294	1439480	3.11%	1.091%
22	14.794	2178	2183	2187	rBV2	256472	471387	1.02%	0.357%
23	14.923	2199	2205	2217	rVB	1569471	2729975	5.90%	2.069%
24	15.035	2217	2224	2232	rBV3	1460089	3303099	7.13%	2.503%
25	15.117	2232	2238	2245	rVB	1459428	2475820	5.35%	1.876%
26	15.206	2245	2253	2261	rBV	5294707	9491723	20.50%	7.194%
27	15.311	2261	2271	2278	rBV	946382	1982966	4.28%	1.503%
28	15.441	2286	2293	2301	rVB3	207663	486949	1.05%	0.369%
29	15.641	2319	2327	2340	rVV2	22976395	46308206	100.00%	35.098%
30	15.982	2381	2385	2400	rVV	200675	740775	1.60%	0.561%
31	16.141	2400	2412	2417	rVV2	328278	864039	1.87%	0.655%
32	16.194	2418	2421	2427	rVV2	289891	611405	1.32%	0.463%
33	16.276	2427	2435	2452	rVB	450934	1637308	3.54%	1.241%
34	16.570	2478	2485	2501	rVB2	196678	553406	1.20%	0.419%
35	16.776	2512	2520	2522	rBV	3604067	6448657	13.93%	4.888%

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ClientSampleId :
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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\82N112224W.M
Title : SW846 8260

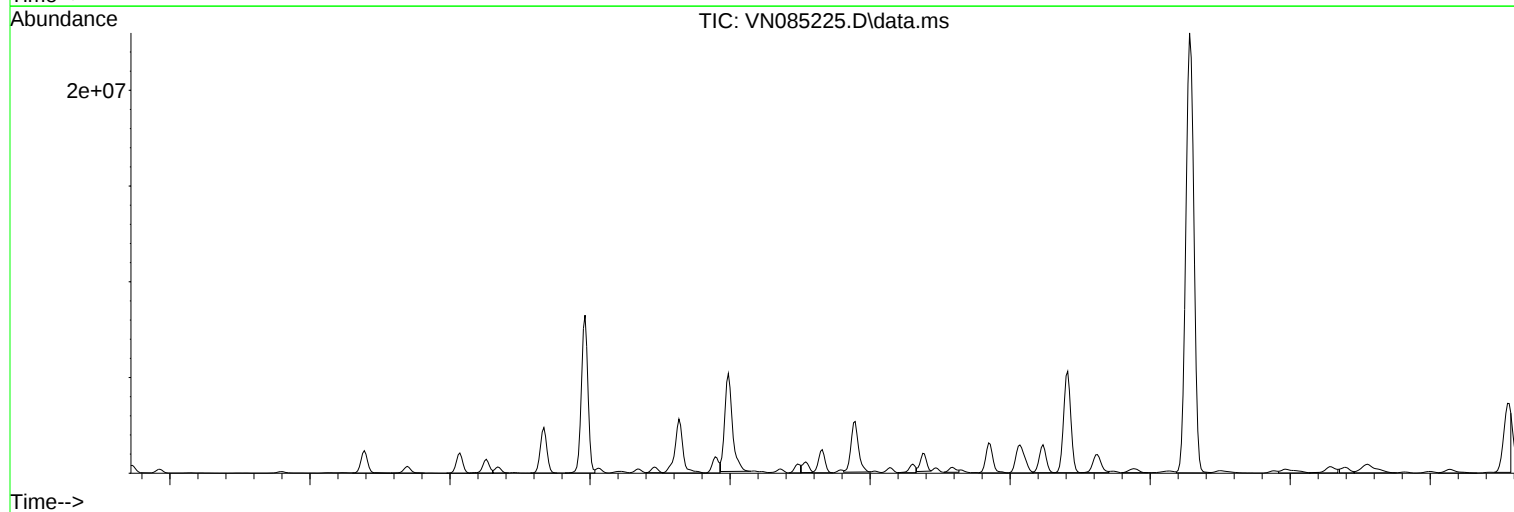
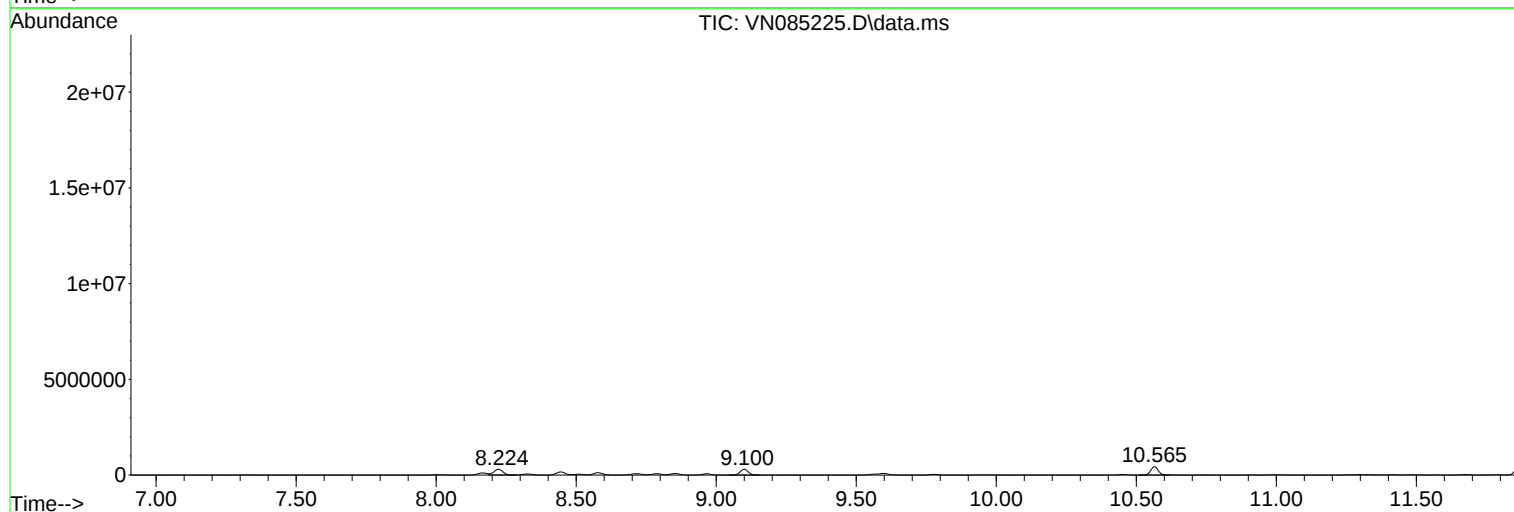
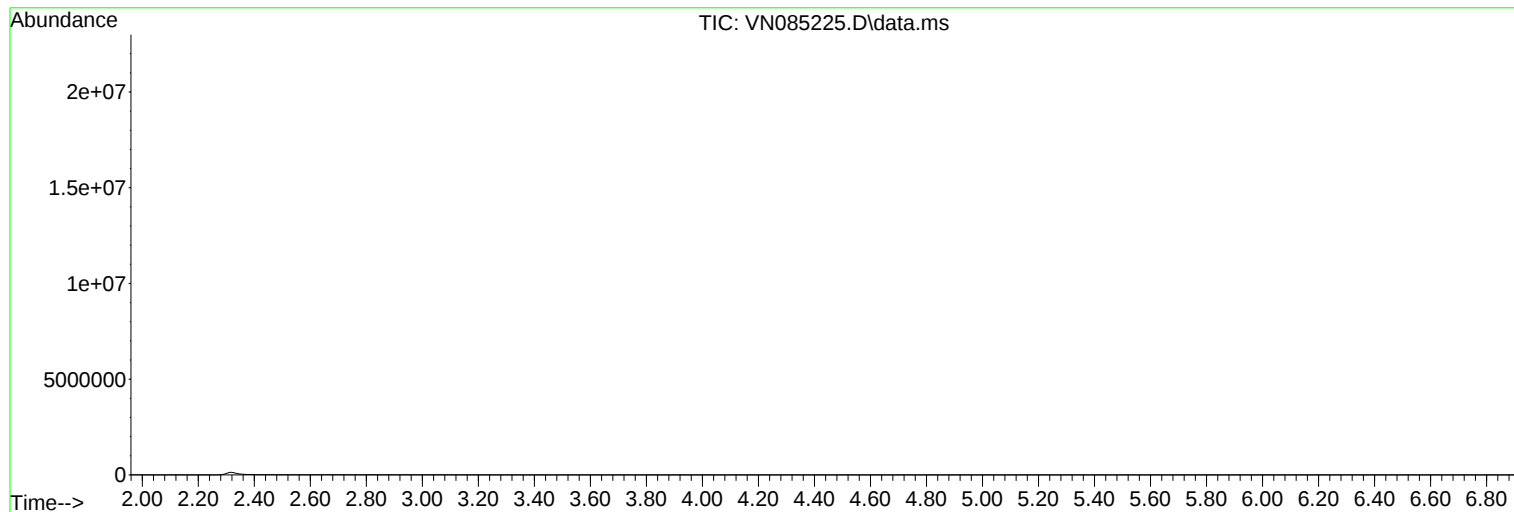
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

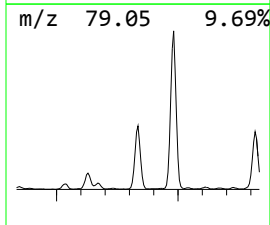
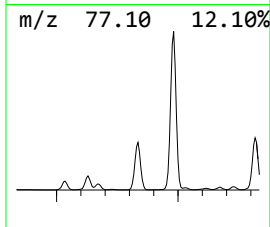
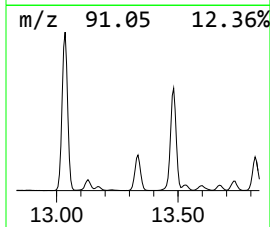
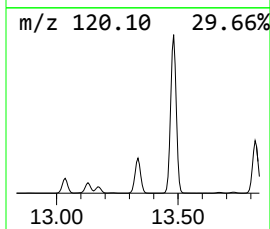
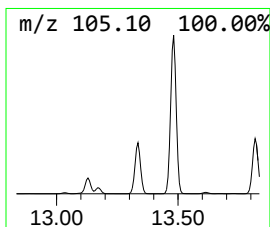
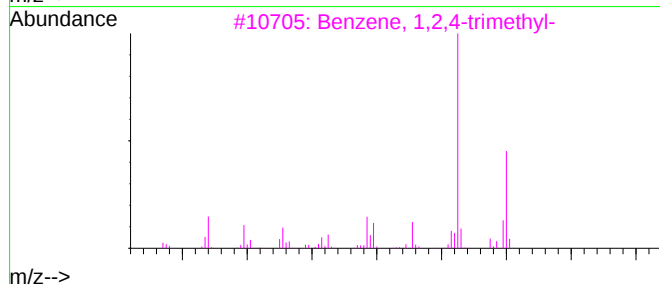
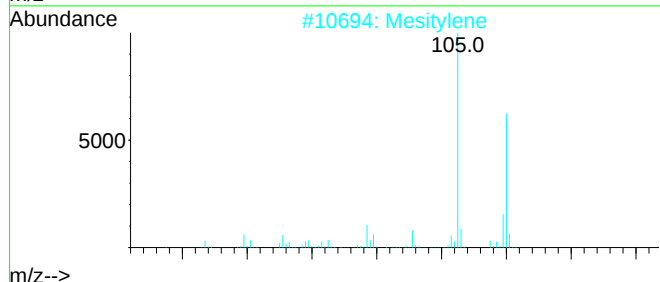
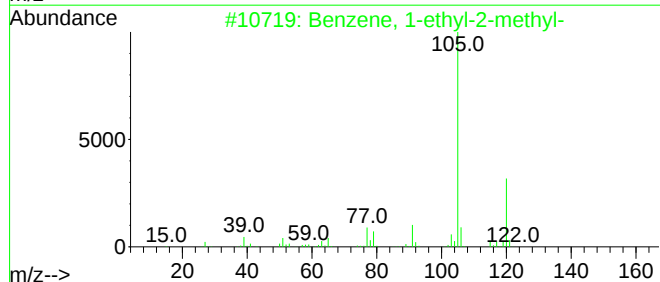
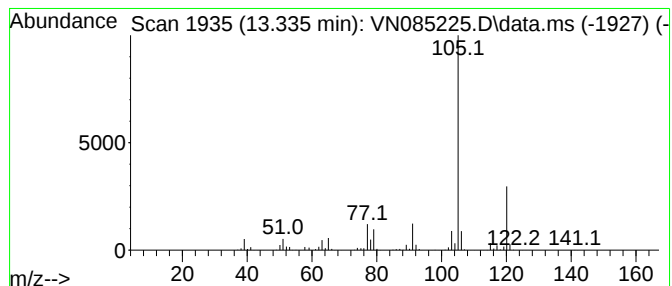
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	34.66 ug/l	3846510	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

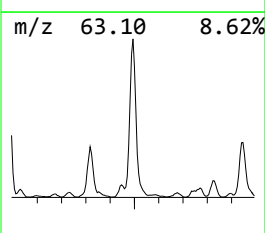
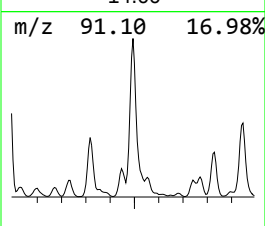
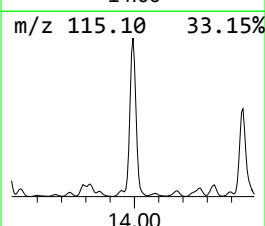
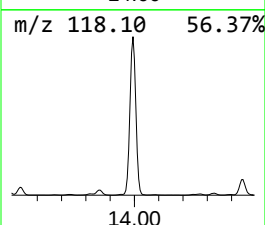
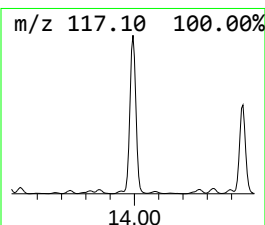
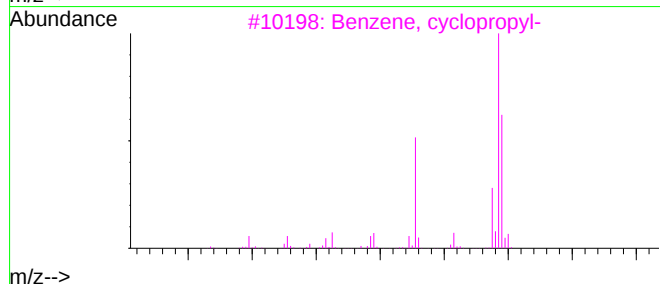
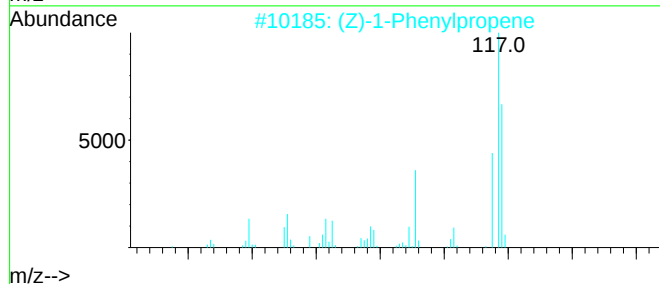
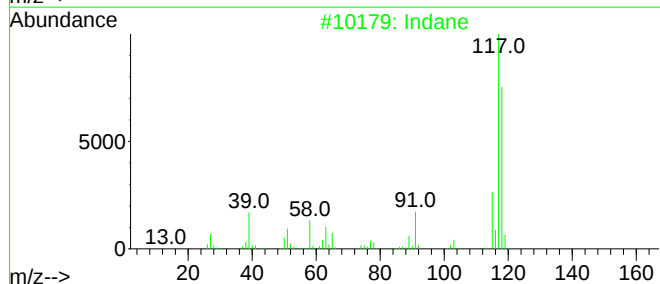
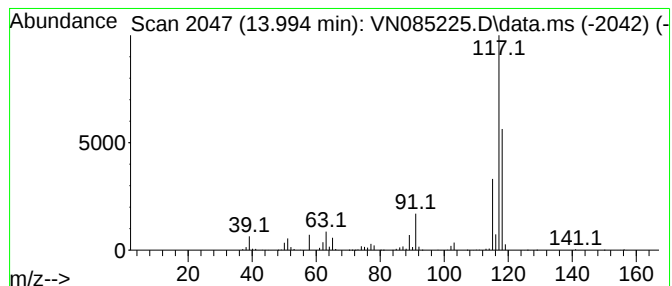
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	88.03 ug/l	9769410	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55



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

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

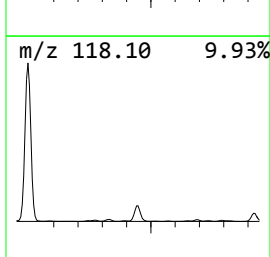
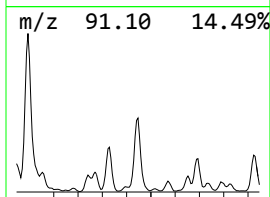
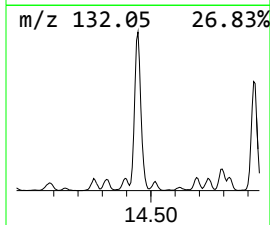
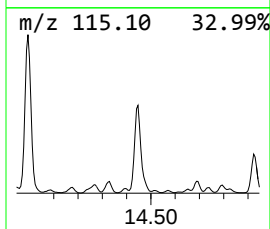
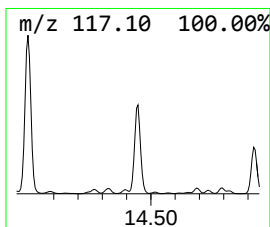
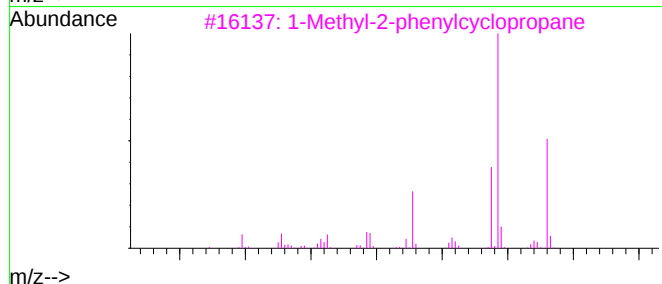
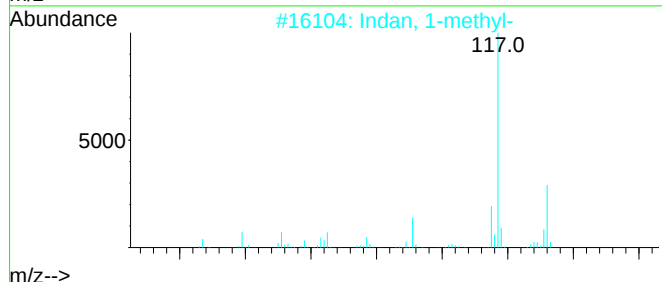
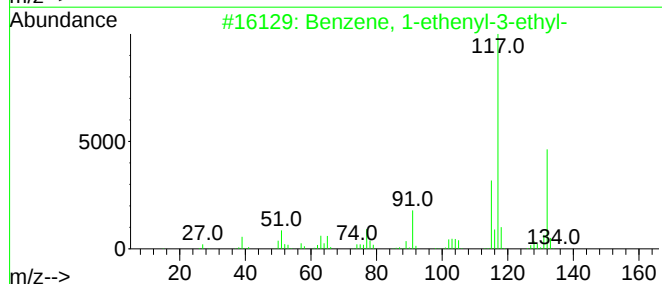
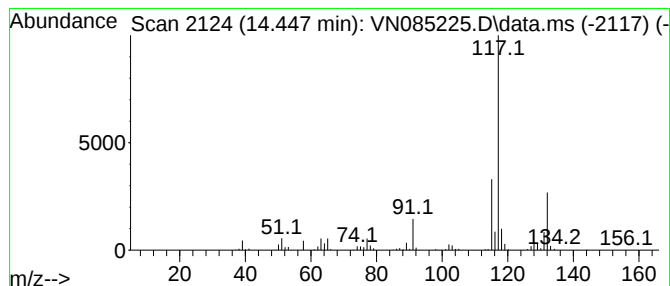
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	44.15 ug/l	4899940	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

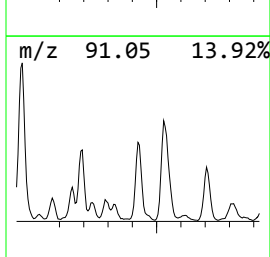
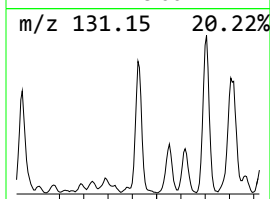
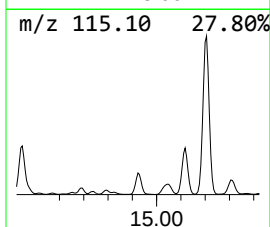
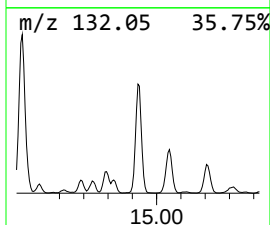
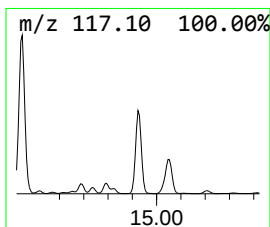
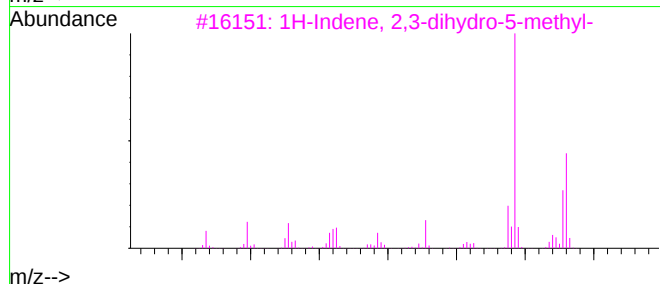
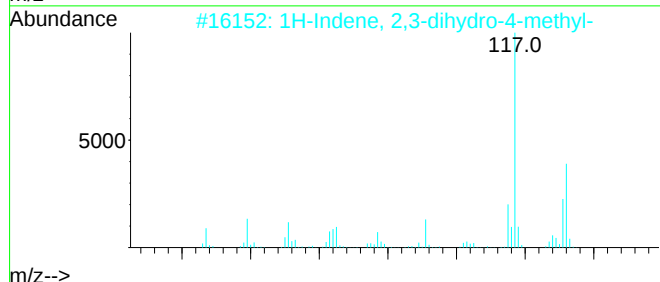
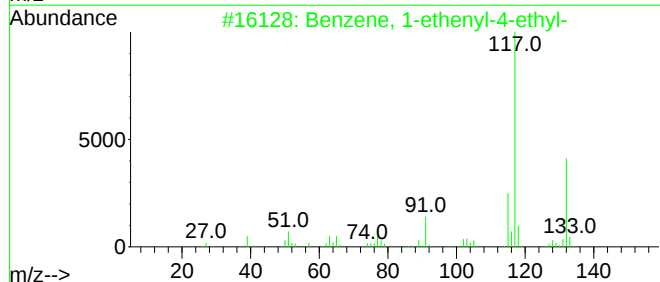
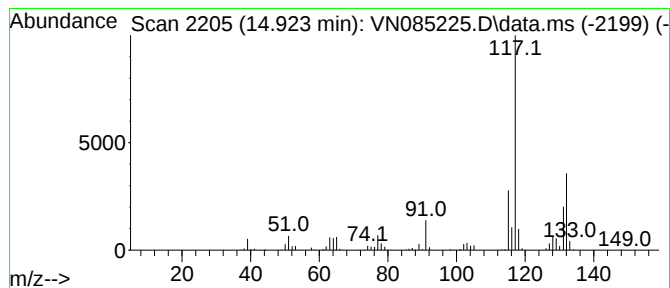
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	24.60 ug/l	2729980	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



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ClientSampleId :
MW14-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

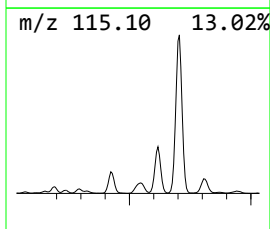
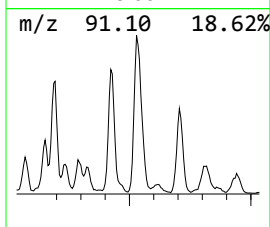
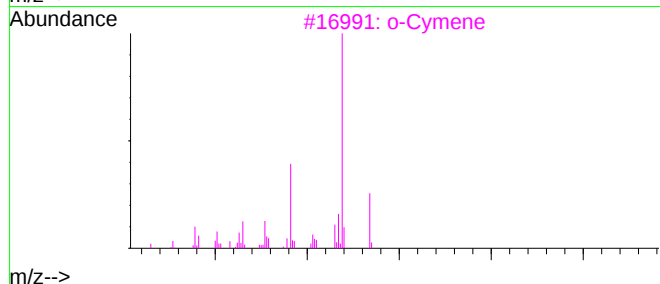
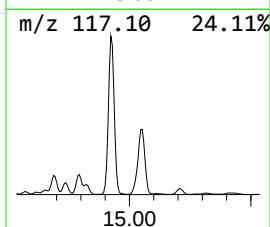
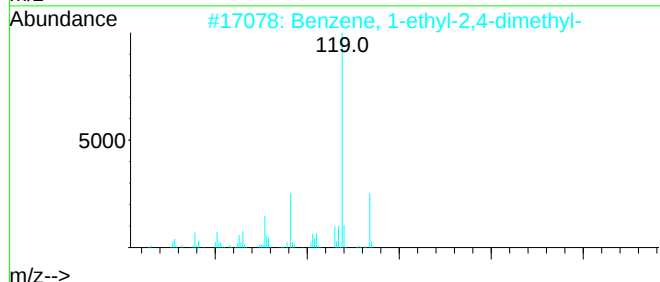
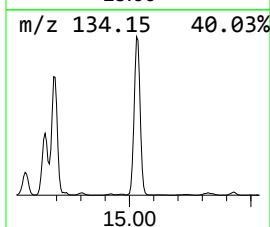
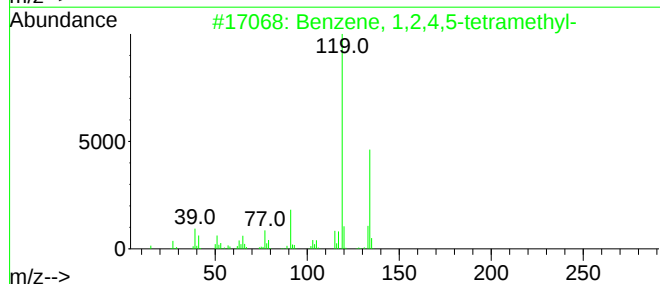
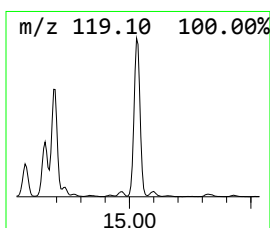
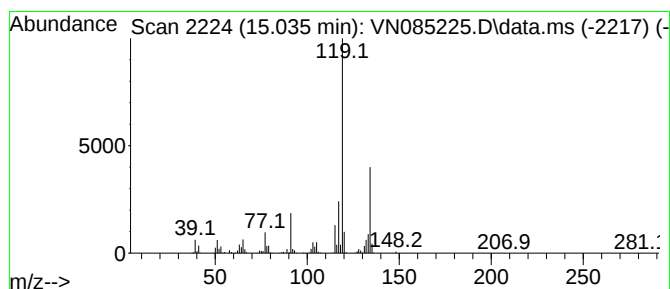
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	29.76 ug/l	3303100	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	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	o-Cymene	134	C10H14	000527-84-4	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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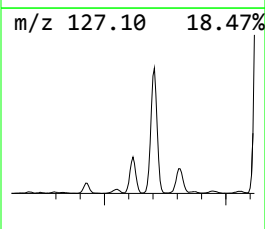
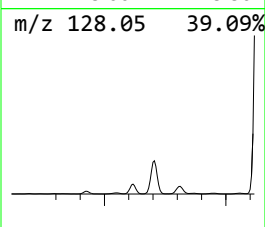
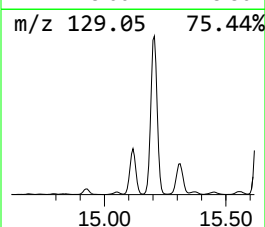
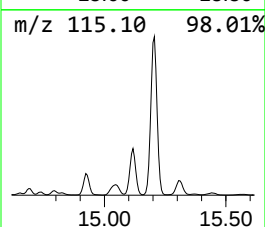
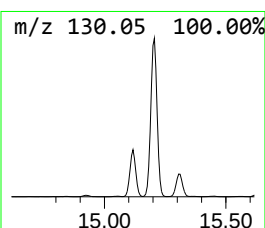
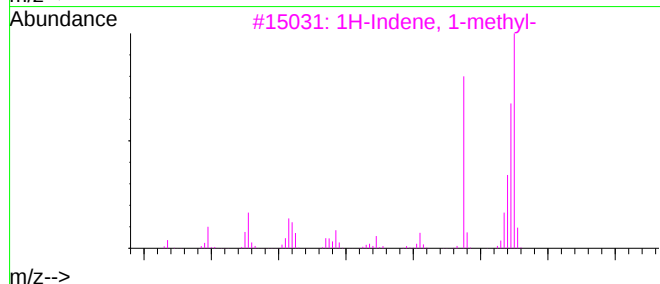
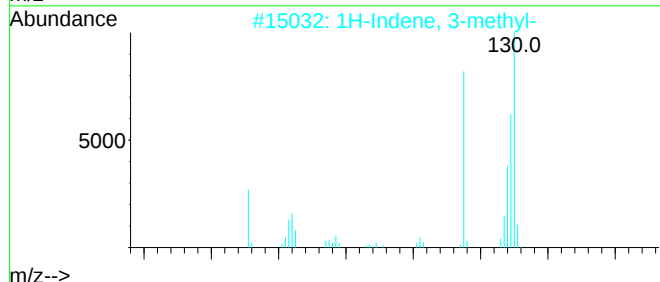
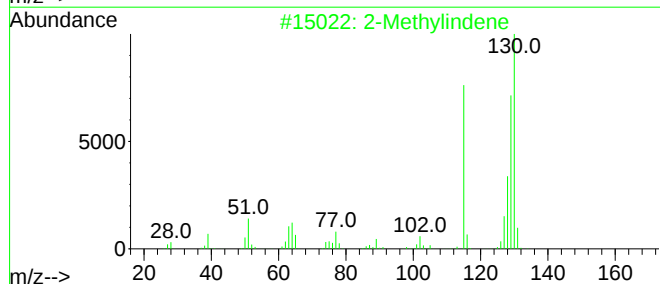
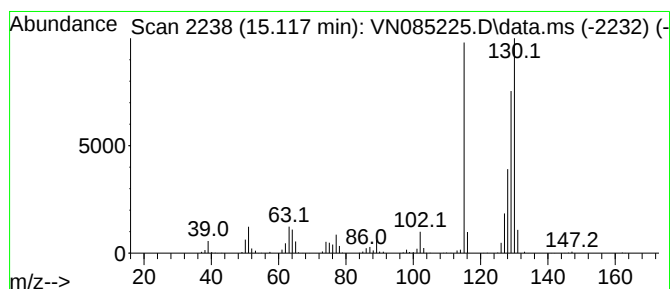
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	22.31 ug/l	2475820	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

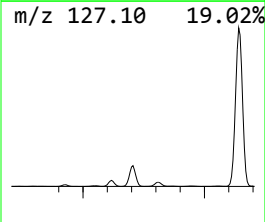
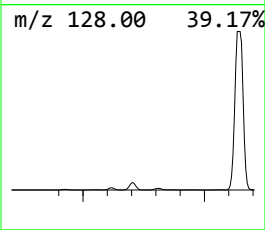
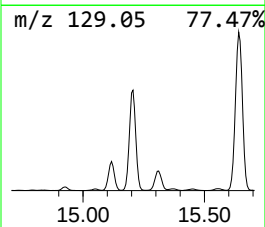
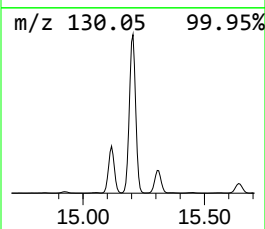
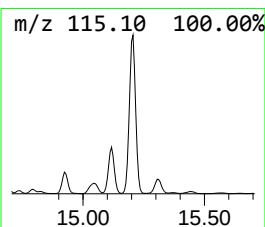
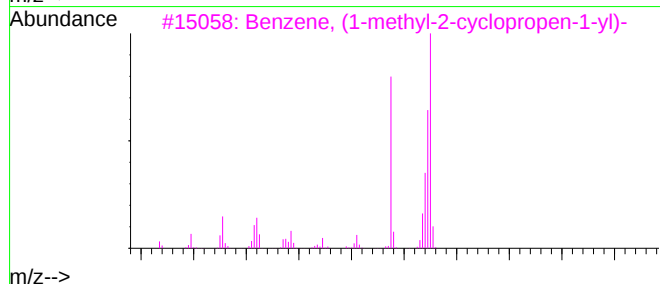
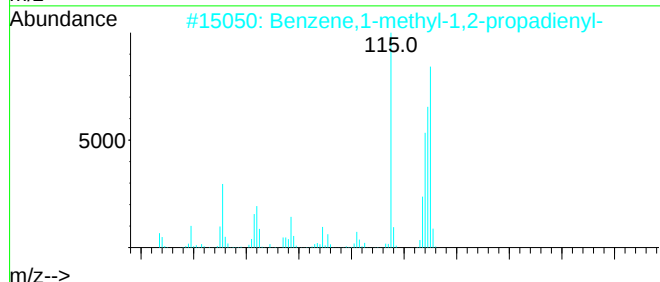
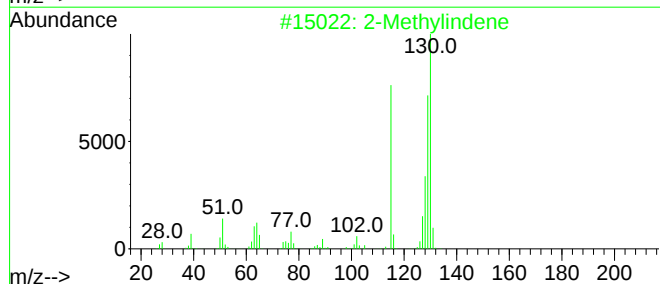
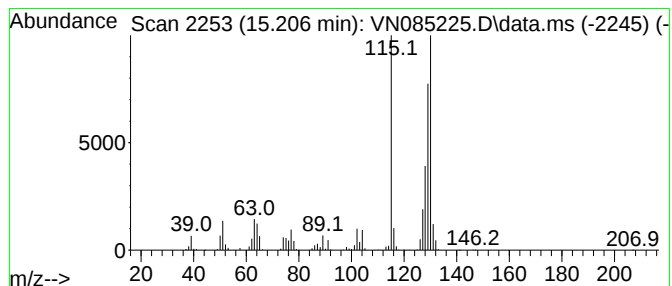
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Quant Title : SW846 8260

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

Peak Number 7 Benzene,1-methyl-1,2-propad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	85.53 ug/l	9491720	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

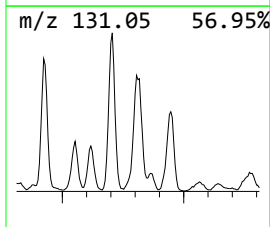
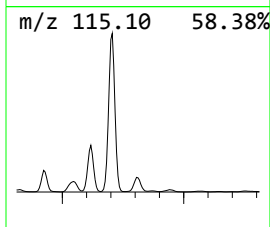
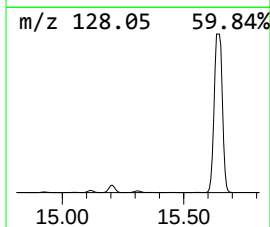
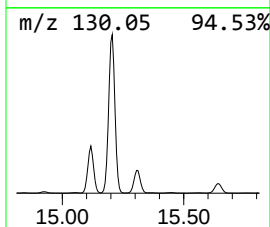
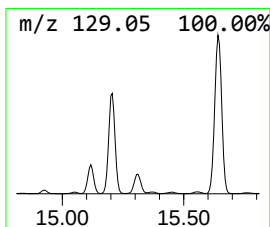
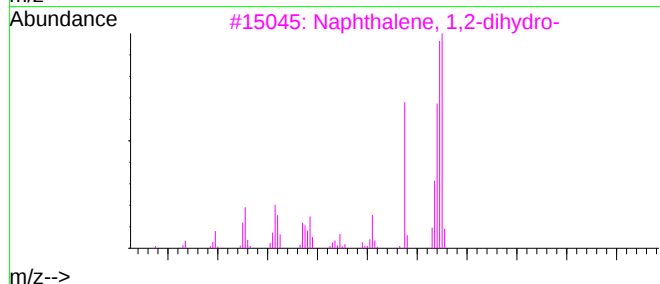
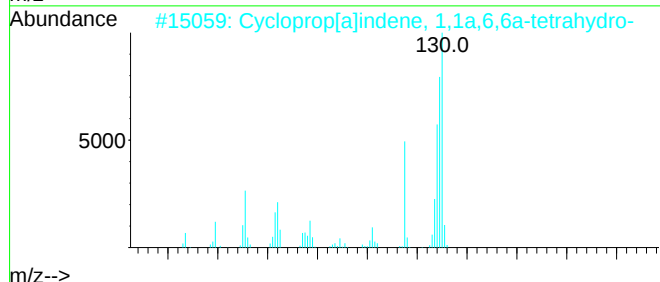
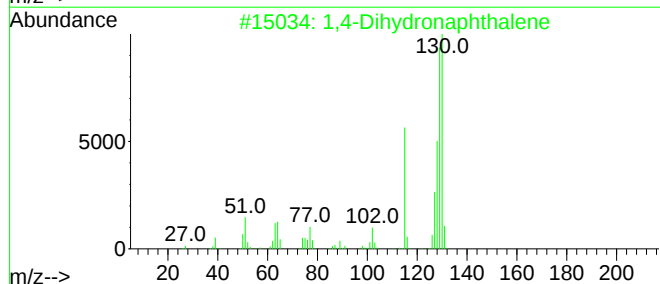
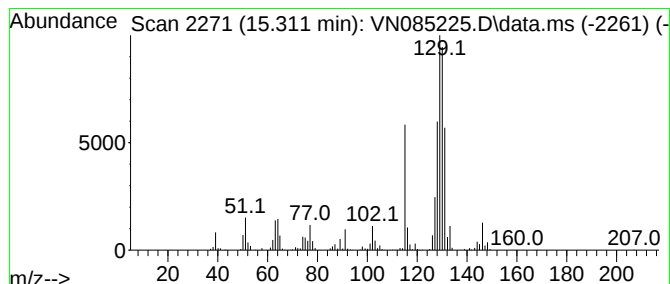
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 1,4-Dihydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.312	17.87 ug/l	1982970	1,4-Dichlorobenzene-d4	13.794	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	83
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085225.D
Acq On : 17 Dec 2024 15:32
Operator : JC\MD
Sample : P5270-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW14-20241212

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	13.335	34.7	ug/l	3846510	4	13.794	5548880	50.0
Indane	13.994	88.0	ug/l	9769410	4	13.794	5548880	50.0
Benzene, 1-ethe...	14.447	44.1	ug/l	4899940	4	13.794	5548880	50.0
Benzene, 1-ethe...	14.923	24.6	ug/l	2729980	4	13.794	5548880	50.0
Benzene, 1,2,4,...	15.035	29.8	ug/l	3303100	4	13.794	5548880	50.0
2-Methylindene	15.117	22.3	ug/l	2475820	4	13.794	5548880	50.0
Benzene,1-methy...	15.206	85.5	ug/l	9491720	4	13.794	5548880	50.0
1,4-Dihydronaph...	15.312	17.9	ug/l	1982970	4	13.794	5548880	50.0