LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074266.D
Acq On : 02 Sep 2022 01:42
Operator : JC\MD
Sample : N4376-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-39

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\82N083022W.M
Title : SW846 8260

Signal : TIC: VN074266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	194	204	215	rBV	754740	1722566	1.16%	0.357%
2	7.063	870	880	891	rBV2	547781	1602477	1.08%	0.333%
3	8.392	1094	1106	1115	rBV	5924885	13804564	9.33%	2.864%
4	10.445	1448	1455	1469	rVB	20100174	34441207	23.28%	7.146%
5	11.686	1657	1666	1675	rBV	825327	1485981	1.00%	0.308%
6	11.786	1675	1683	1692	rVV	27666754	44753546	30.25%	9.286%
7	11.892	1692	1701	1720	rVB3	77478683	147950984	100.00%	30.699%
8	12.221	1744	1757	1774	rBV	48386366	77273321	52.23%	16.034%
9	12.515	1801	1807	1817	rVB	1052357	1737306	1.17%	0.360%
10	12.857	1858	1865	1870	rBV	2939829	4783539	3.23%	0.993%
11	12.921	1870	1876	1880	rVV	12911318	21884897	14.79%	4.541%
12	12.957	1880	1882	1885	rVV	6320763	7684233	5.19%	1.594%
13	12.998	1885	1889	1899	rVB	6040869	9686157	6.55%	2.010%
14	13.157	1909	1916	1926	rBV	7275535	11691528	7.90%	2.426%
15	13.309	1931	1942	1949	rBV	24930477	39946646	27.00%	8.289%
16	13.645	1987	1999	2008	rBV	8272844	14667651	9.91%	3.043%
17	13.815	2022	2028	2034	rBV	6590177	11089160	7.50%	2.301%
18	13.998	2053	2059	2066	rVB2	883337	1692478	1.14%	0.351%
19	14.157	2081	2086	2091	rVB	1259835	1884378	1.27%	0.391%
20	14.262	2099	2104	2114	rVB2	1133306	1857600	1.26%	0.385%
21	14.515	2144	2147	2152	rVB	1167280	1621420	1.10%	0.336%
22	14.862	2198	2206	2213	rBV2	2035806	4446108	3.01%	0.923%
23	15.433	2295	2303	2311	rVB	8411683	14796546	10.00%	3.070%
24	16.533	2481	2490	2505	rVB	2361276	5236636	3.54%	1.087%
25	16.733	2514	2524	2533	rBV	1935182	4202599	2.84%	0.872%

Sum of corrected areas: 481943528

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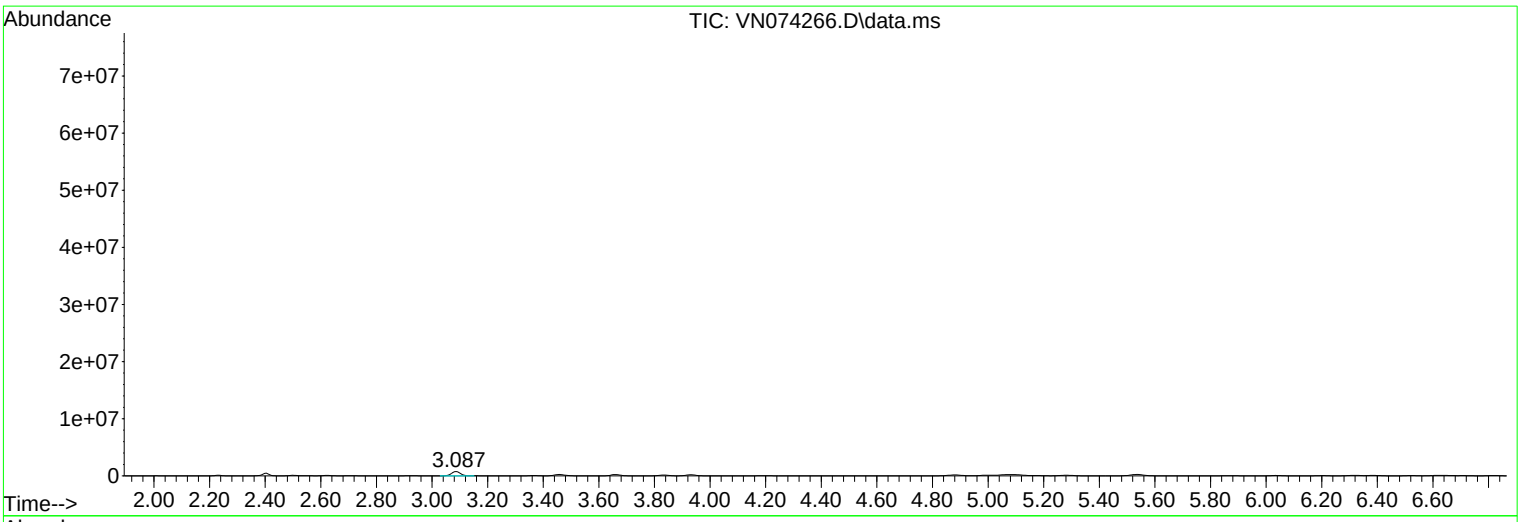
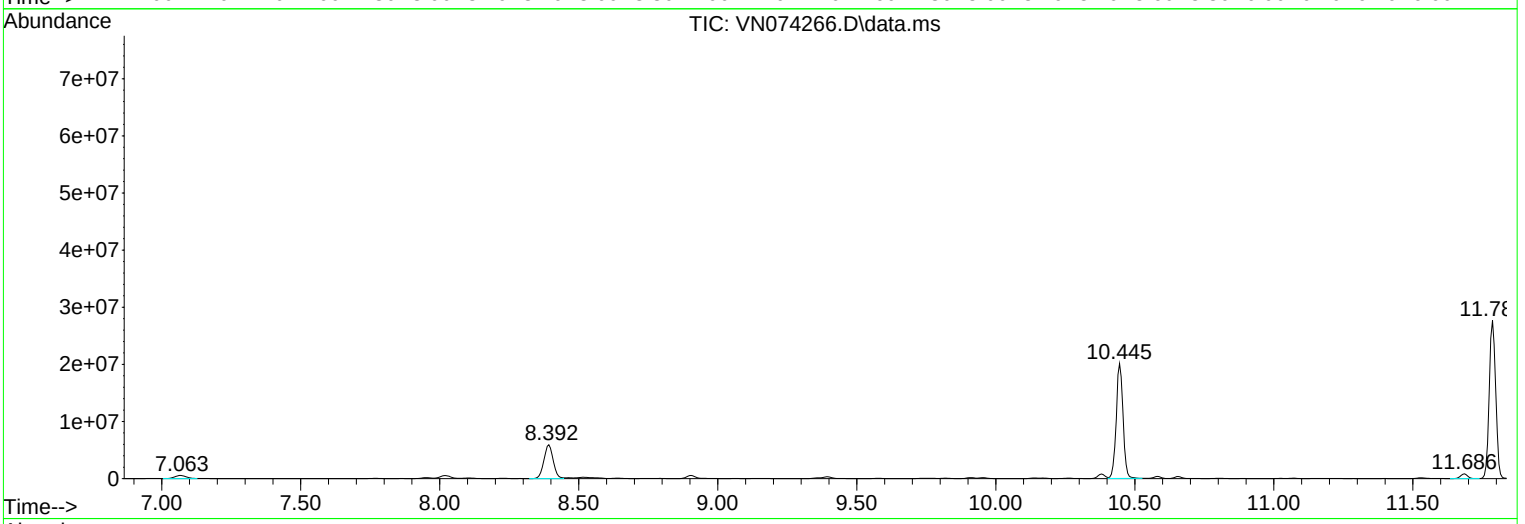
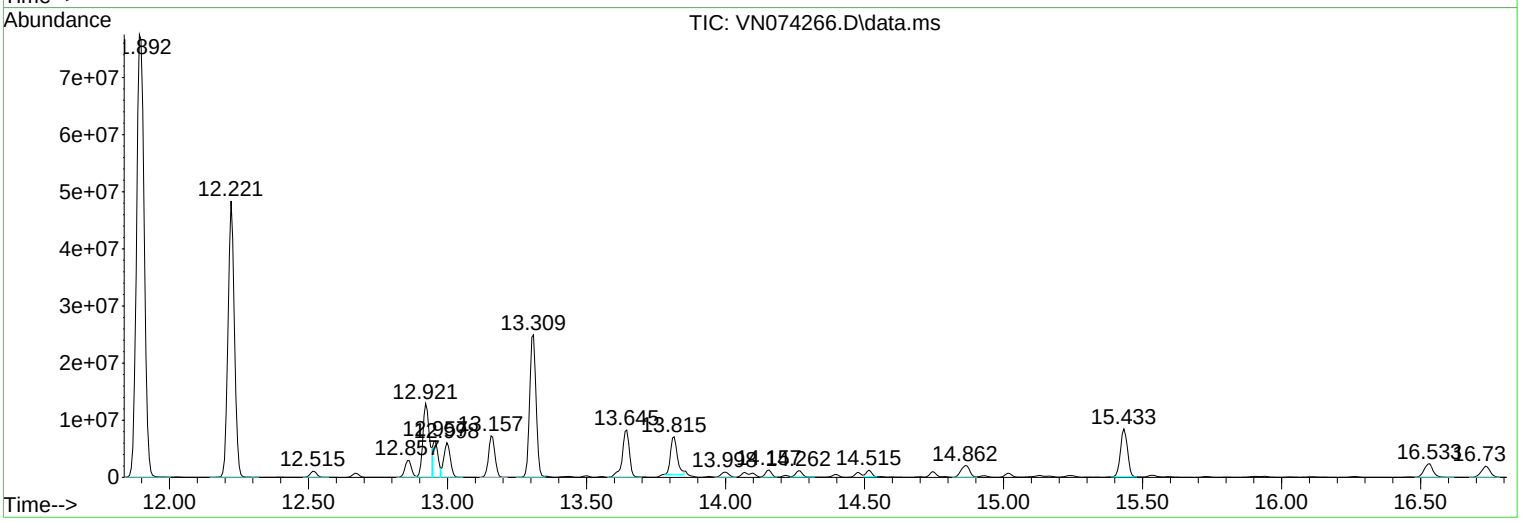
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

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







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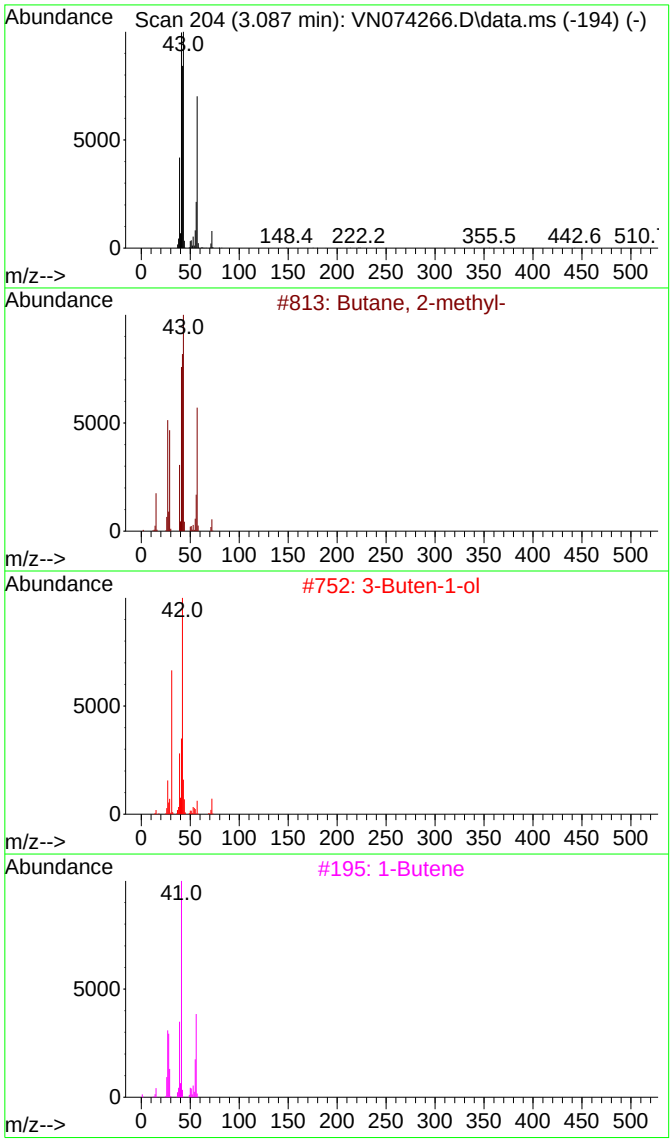
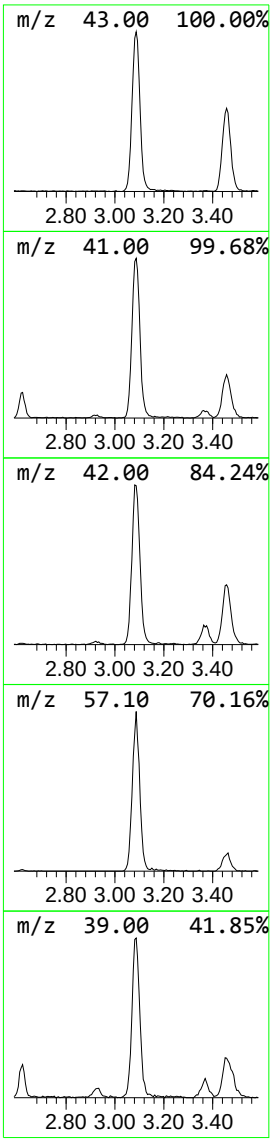
****
Peak Number 1 Butane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	6.24 ug/l	1722570	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	1-Butene	56	C4H8	000106-98-9	9
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	9





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Data File : VN074266.D
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Instrument :
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ClientSampleId :
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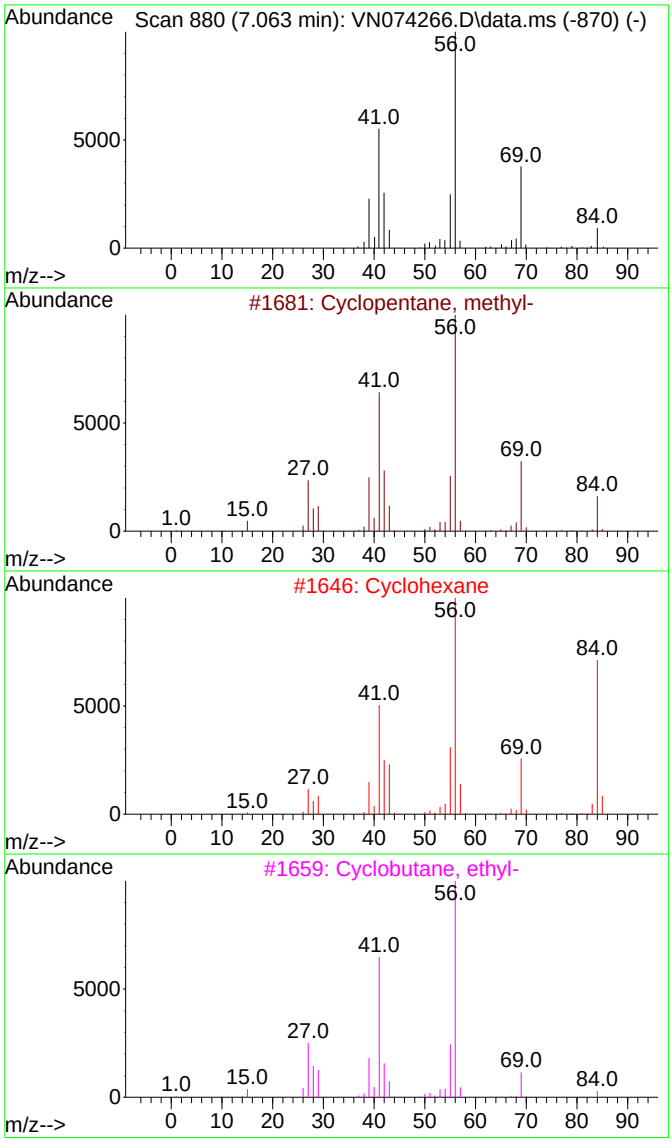
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

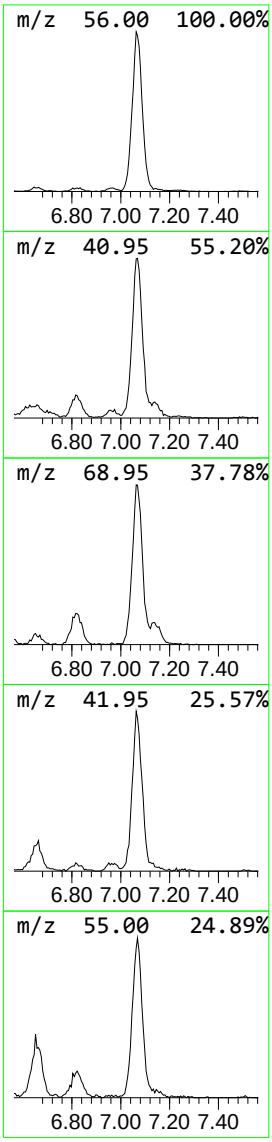
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.063	5.80 ug/l	1602480	Pentafluorobenzene	8.016

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	83
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-39

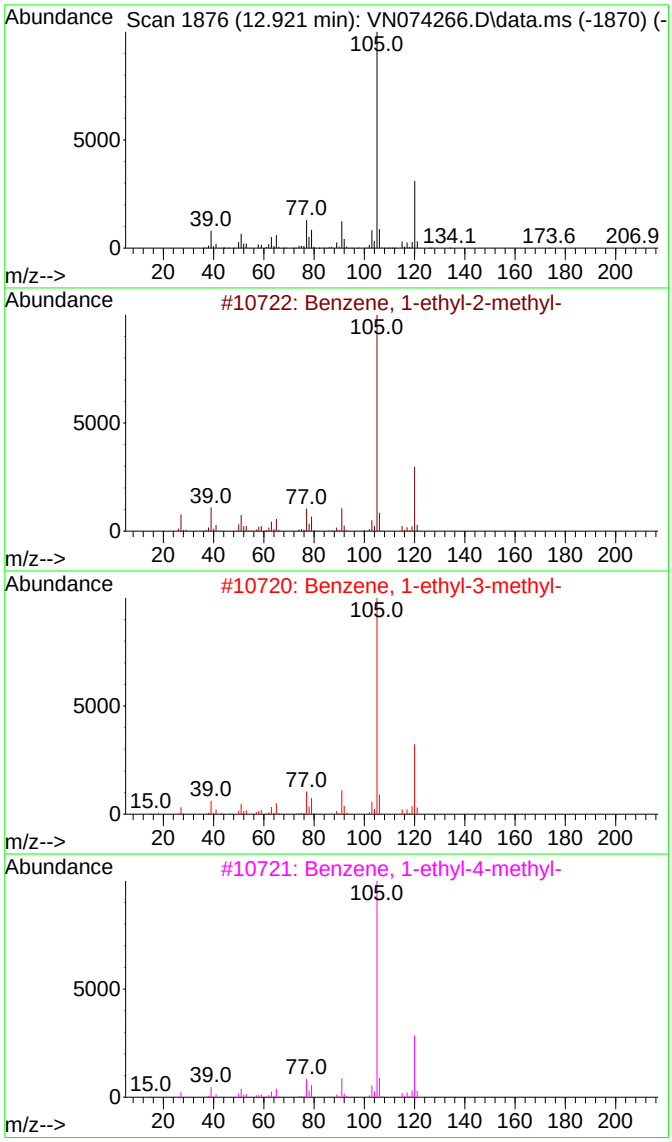
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

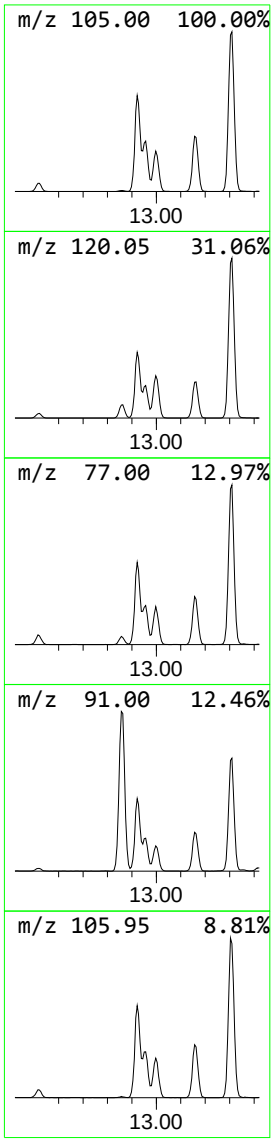
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	74.60 ug/l	21884900	1,4-Dichlorobenzene-d4	13.610

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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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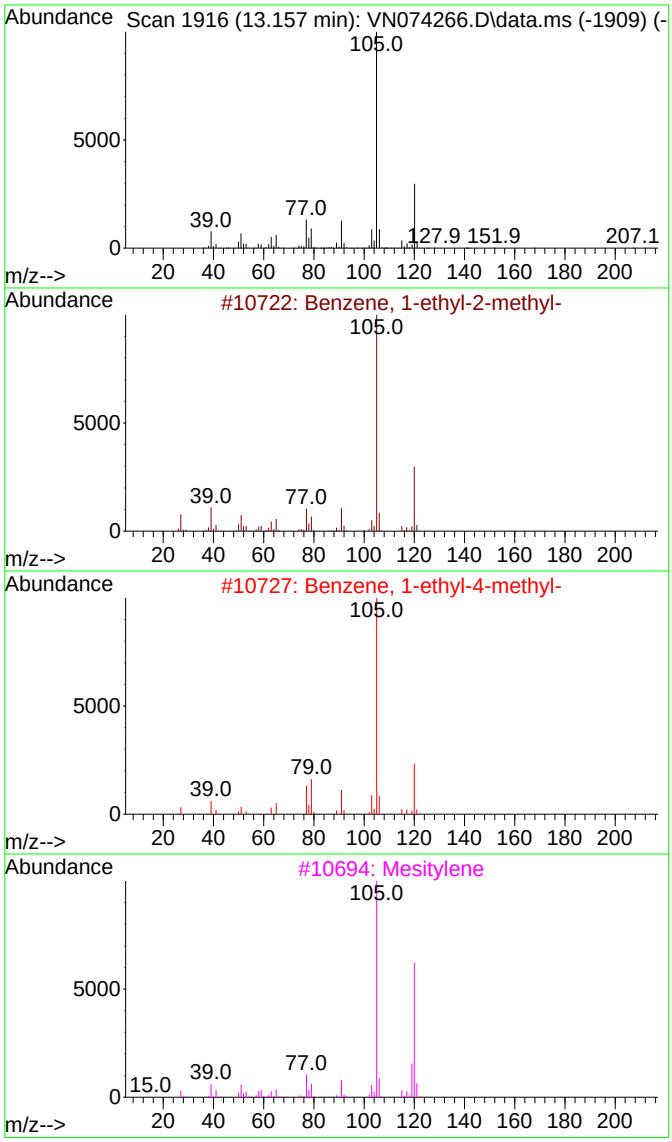
Quant Title : SW846 8260

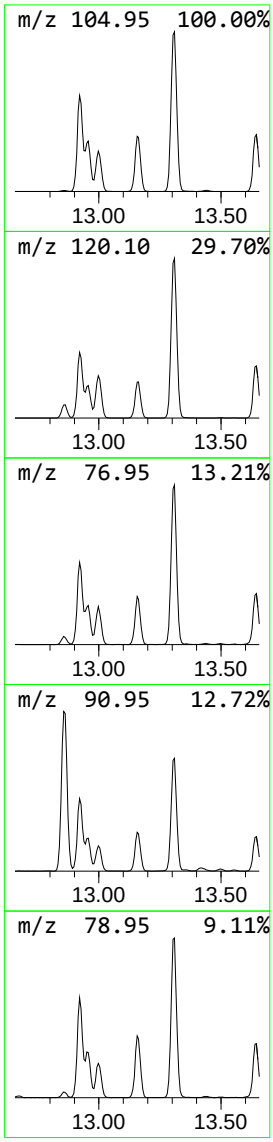
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	39.85 ug/l	11691500	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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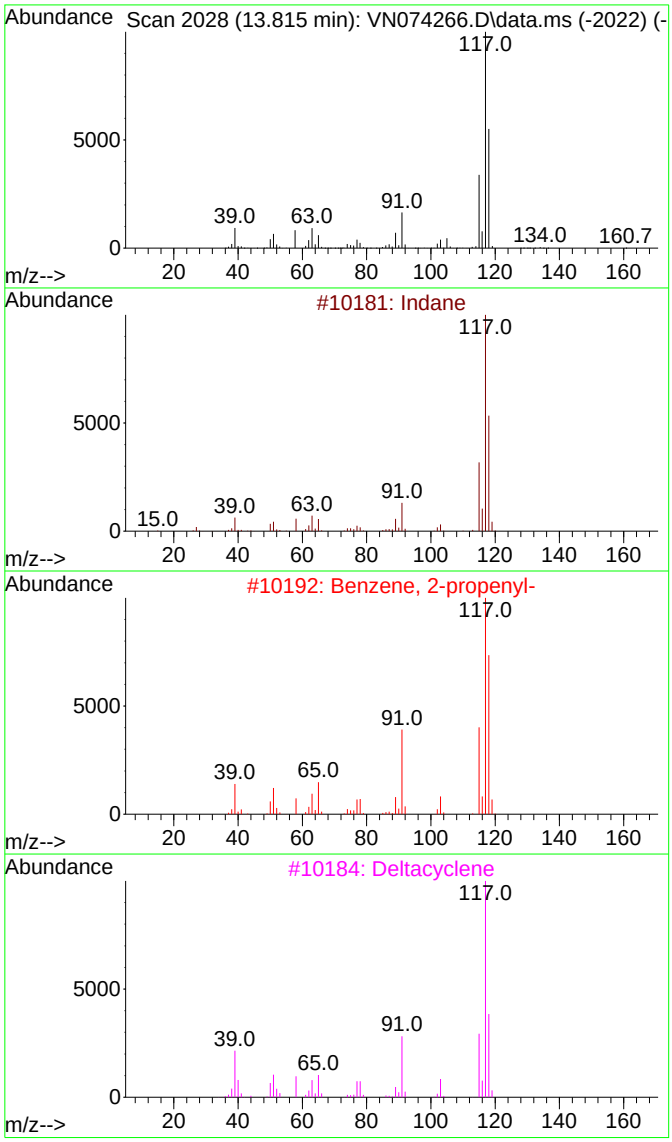
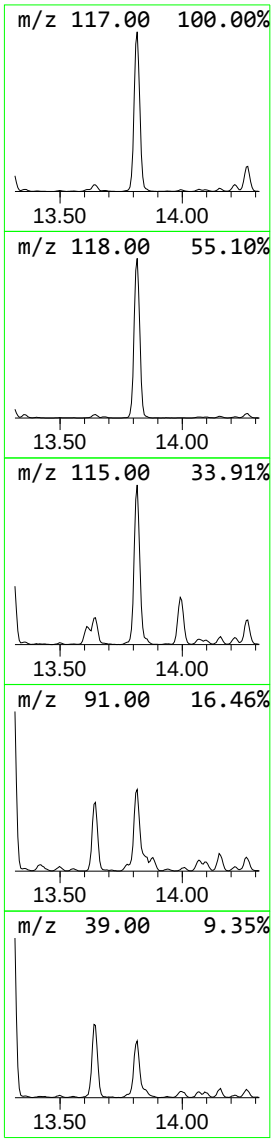
****
Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.815	37.80 ug/l	11089200	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





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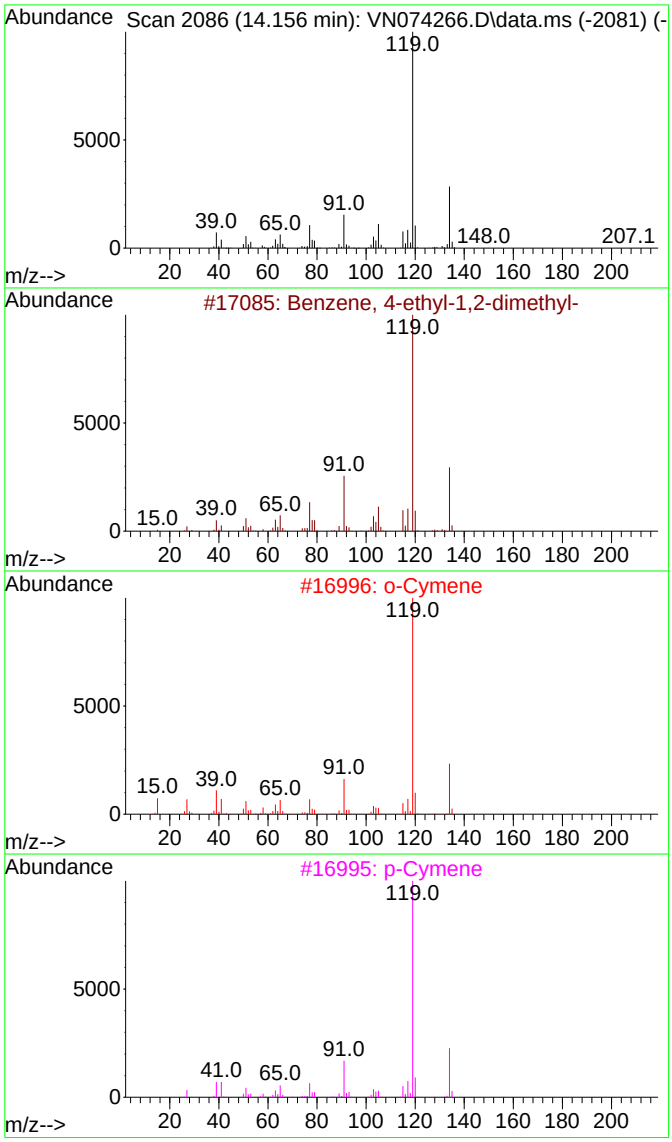
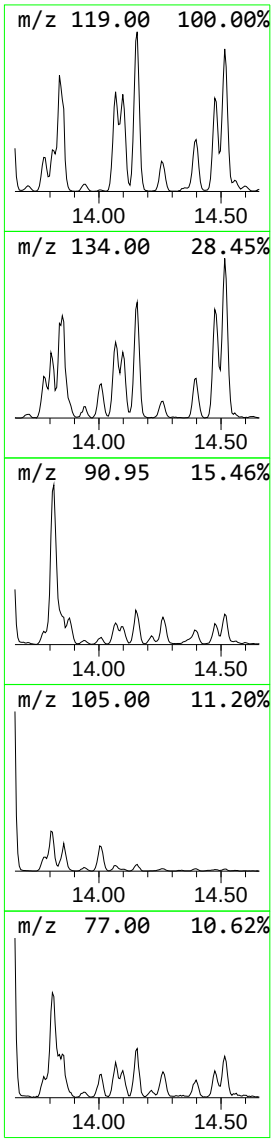
****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.156	6.42 ug/l	1884380	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
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TIC Library : C:\Database\NIST20.L
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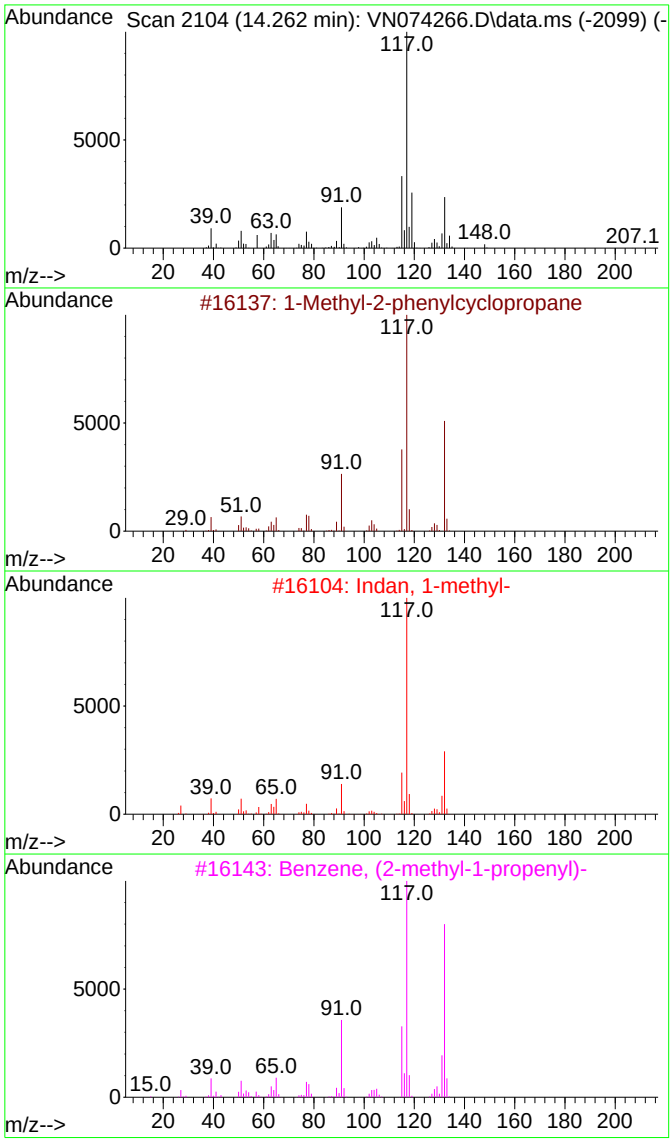
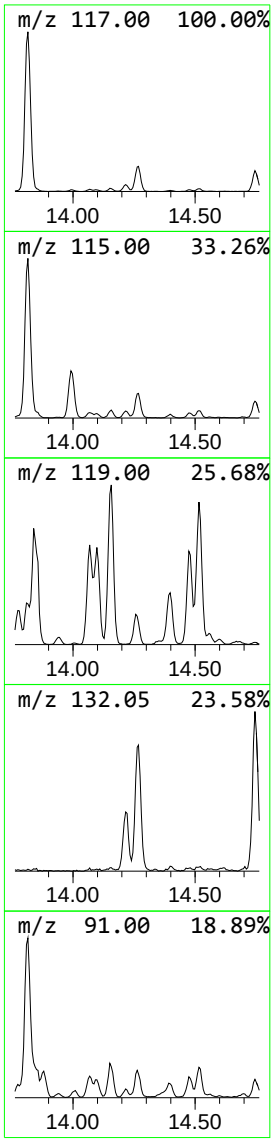
****
Peak Number 7 1-Methyl-2-phenylcyclopropane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	6.33 ug/l	1857600	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74





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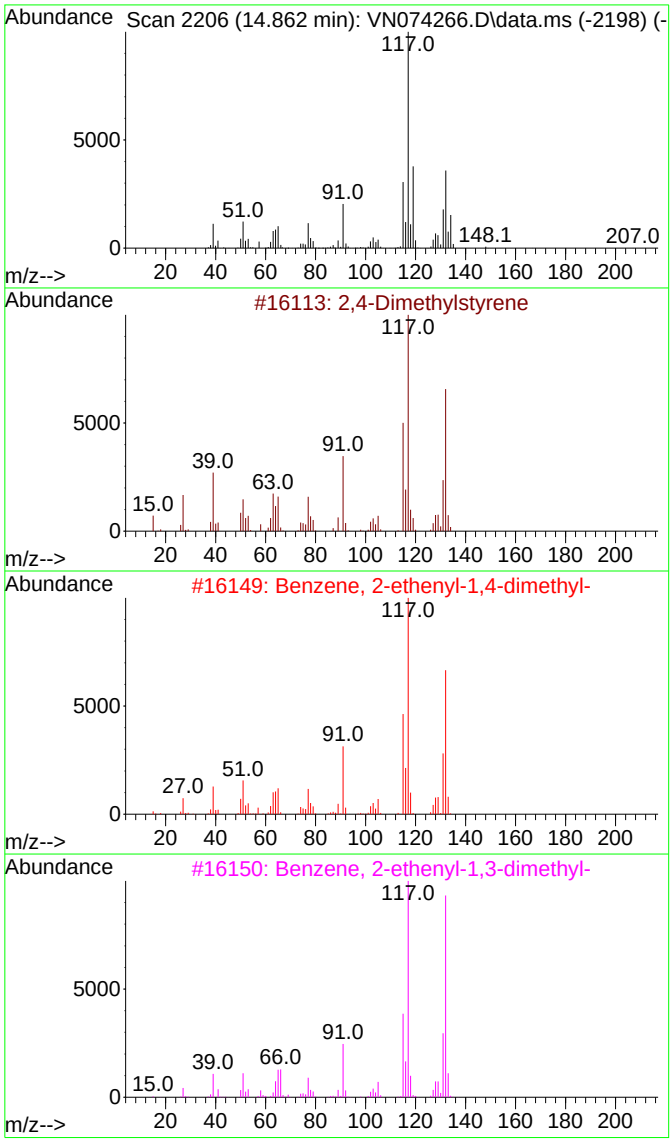
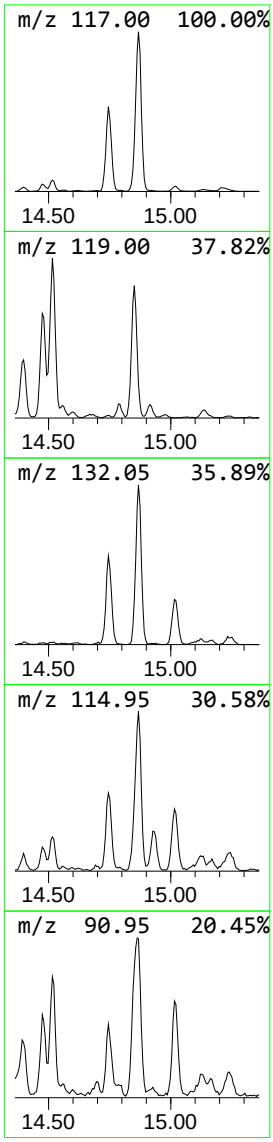
****
Peak Number 8 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.862	15.16 ug/l	4446110	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Instrument :
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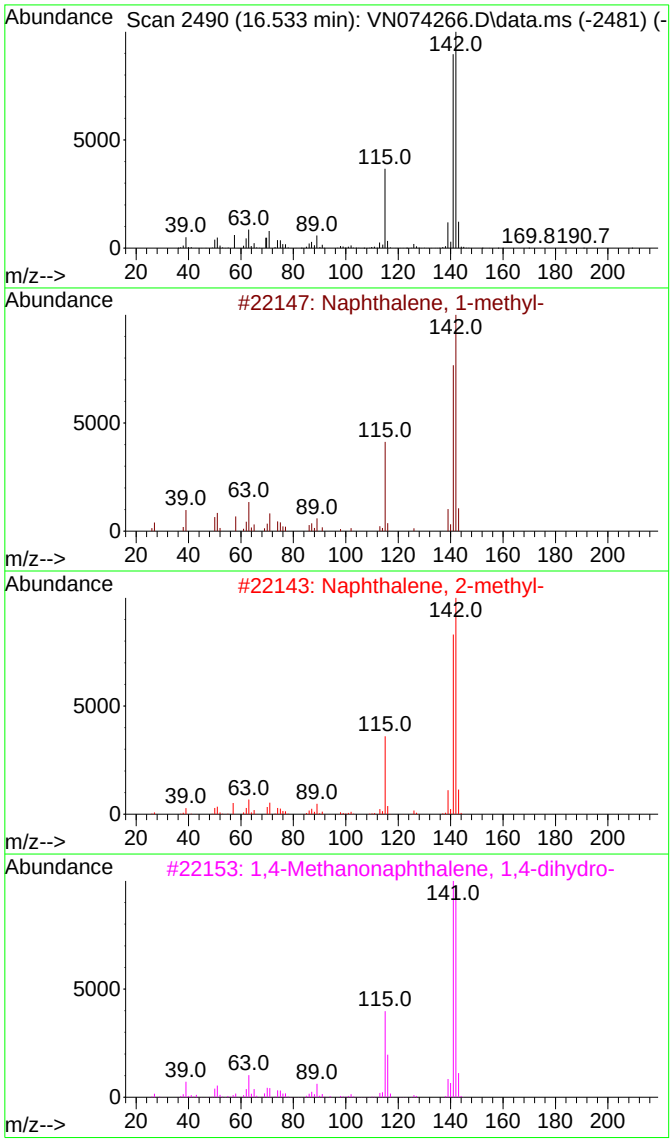
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

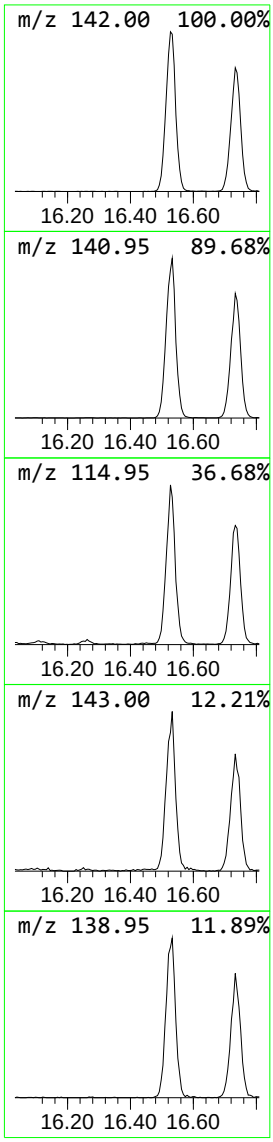
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.533	17.85 ug/l	5236640	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074266.D
Acq On : 02 Sep 2022 01:42
Operator : JC\MD
Sample : N4376-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-39

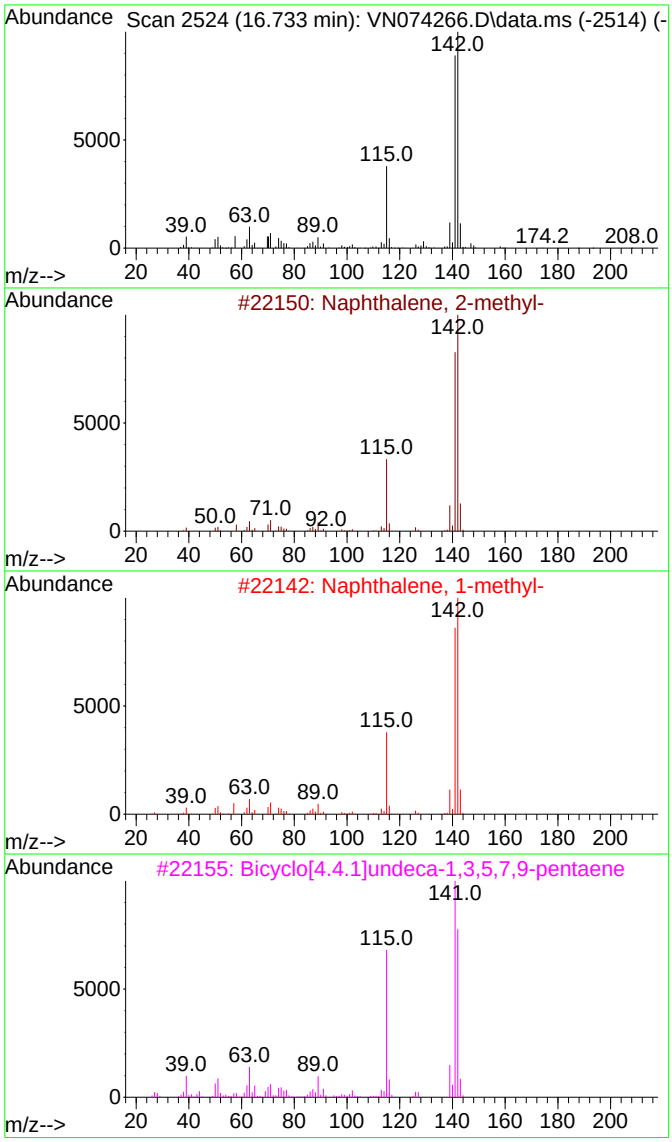
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260

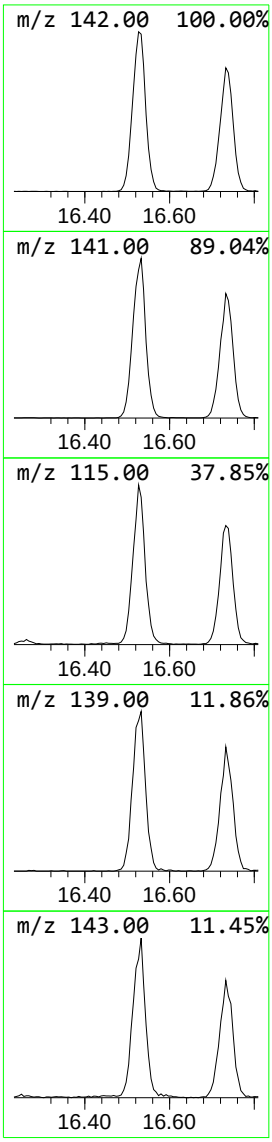
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.733	14.33 ug/l	4202600	1,4-Dichlorobenzene-d4	13.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074266.D
Acq On : 02 Sep 2022 01:42
Operator : JC\MD
Sample : N4376-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-39

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.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
Butane, 2-methyl-	3.087	6.2	ug/l	1722570	1	8.016	13804600	50.0
Cyclopentane, m...	7.063	5.8	ug/l	1602480	1	8.016	13804600	50.0
Benzene, 1-ethy...	12.921	74.6	ug/l	21884900	4	13.610	14667700	50.0
Benzene, 1-ethy...	13.157	39.9	ug/l	11691500	4	13.610	14667700	50.0
Indane	13.815	37.8	ug/l	11089200	4	13.610	14667700	50.0
Benzene, 4-ethy...	14.156	6.4	ug/l	1884380	4	13.610	14667700	50.0
1-Methyl-2-phen...	14.262	6.3	ug/l	1857600	4	13.610	14667700	50.0
2,4-Dimethylsty...	14.862	15.2	ug/l	4446110	4	13.610	14667700	50.0
1,4-Methanonaph...	16.533	17.9	ug/l	5236640	4	13.610	14667700	50.0
Bicyclo[4.4.1]u...	16.733	14.3	ug/l	4202600	4	13.610	14667700	50.0