LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

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\82N031824W.M
Title : SW846 8260

Signal : TIC: VN081506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.518	84	96	108	rBV	5212950	9660776	5.73%	1.968%
2	2.665	116	121	130	rVV	3940733	7185722	4.26%	1.464%
3	3.248	210	220	232	rBV	1495727	3346545	1.98%	0.682%
4	3.659	279	290	300	rBV3	743106	2477096	1.47%	0.505%
5	3.865	300	325	346	rVV3	36807837	168671499	100.00%	34.359%
6	4.142	362	372	386	rVB	1269958	3638734	2.16%	0.741%
7	5.153	531	544	557	rBV2	526855	1754631	1.04%	0.357%
8	5.794	639	653	669	rBV2	769668	2774269	1.64%	0.565%
9	7.559	945	953	966	rVB	2893229	6911680	4.10%	1.408%
10	8.230	1061	1067	1081	rVB2	800286	2296788	1.36%	0.468%
11	8.606	1119	1131	1148	rBV2	27286923	64044590	37.97%	13.046%
12	9.100	1207	1215	1236	rVB	1085639	2280159	1.35%	0.464%
13	10.571	1457	1465	1469	rBV	1585086	3033538	1.80%	0.618%
14	10.635	1469	1476	1505	rVB3	50556647	98278635	58.27%	20.020%
15	11.865	1676	1685	1694	rBV	1421741	2567296	1.52%	0.523%
16	11.965	1694	1702	1711	rBV	5415028	9083416	5.39%	1.850%
17	12.070	1711	1720	1731	rVV	16643581	31027179	18.40%	6.320%
18	12.400	1767	1776	1784	rBV	8678938	14811271	8.78%	3.017%
19	12.847	1845	1852	1862	rVB	1122859	1955029	1.16%	0.398%
20	13.100	1889	1895	1898	rVV	4157056	6990533	4.14%	1.424%
21	13.129	1898	1900	1904	rVV	1805519	2674698	1.59%	0.545%
22	13.176	1904	1908	1921	rVB	1901054	3035922	1.80%	0.618%
23	13.335	1926	1935	1943	rBV	1986217	3306345	1.96%	0.674%
24	13.482	1953	1960	1975	rVB	8140487	13244521	7.85%	2.698%
25	13.817	2007	2017	2023	rBV2	2563999	6608728	3.92%	1.346%
26	13.994	2041	2047	2062	rVB3	2162069	5906523	3.50%	1.203%
27	14.929	2201	2206	2218	rVB2	1094031	2237335	1.33%	0.456%
28	15.053	2218	2227	2233	rBV2	1999560	4449296	2.64%	0.906%
29	15.211	2247	2254	2261	rBV	1663908	2934525	1.74%	0.598%
30	15.641	2321	2327	2333	rBV	935779	1695527	1.01%	0.345%
31	16.170	2411	2417	2427	rVB	905539	2019760	1.20%	0.411%

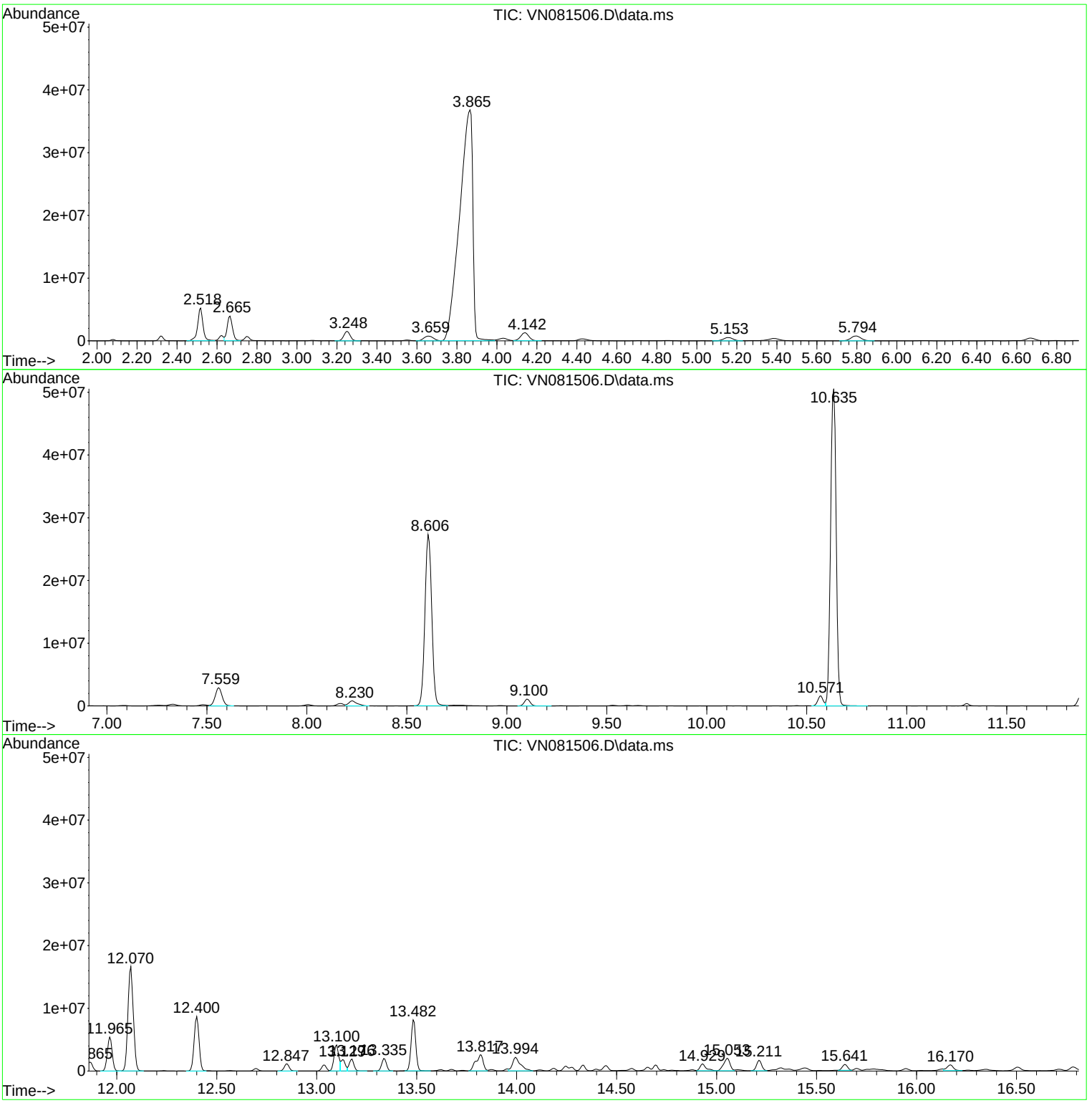
Sum of corrected areas: 490902566

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

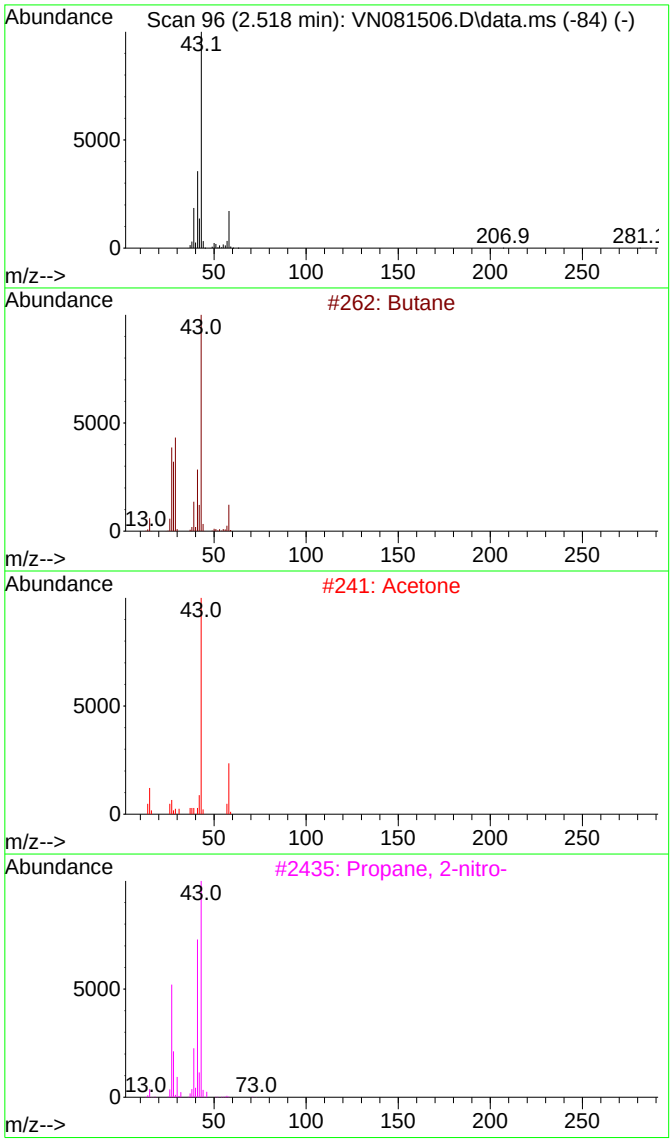
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

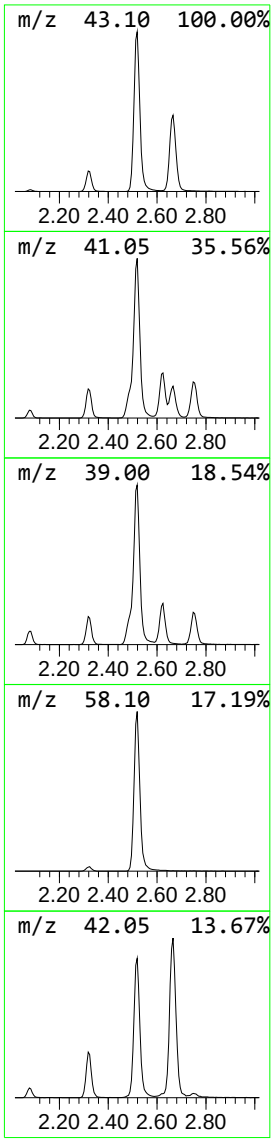
****

Peak Number 1 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.518	210.31 ug/l	9660780	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Acetone	58	C3H6O	000067-64-1	9
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

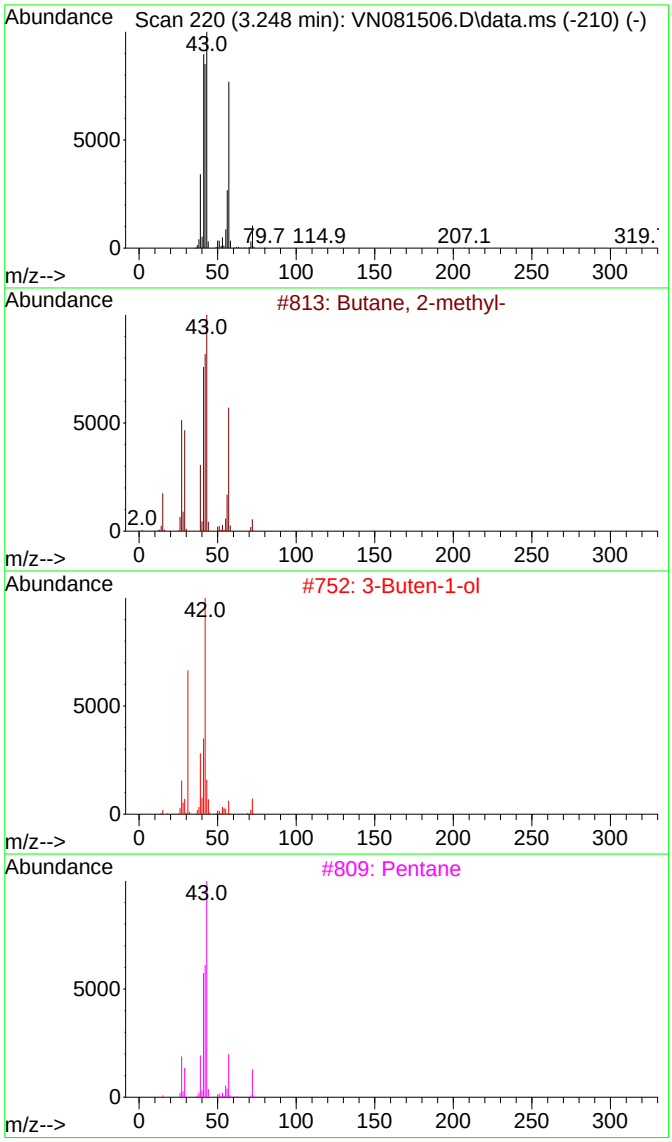
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

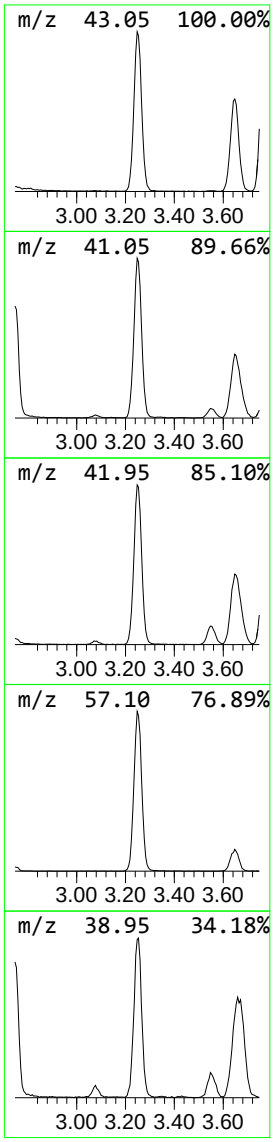
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.248	72.85 ug/l	3346550	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	43
3	Pentane	72	C5H12	000109-66-0	28
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

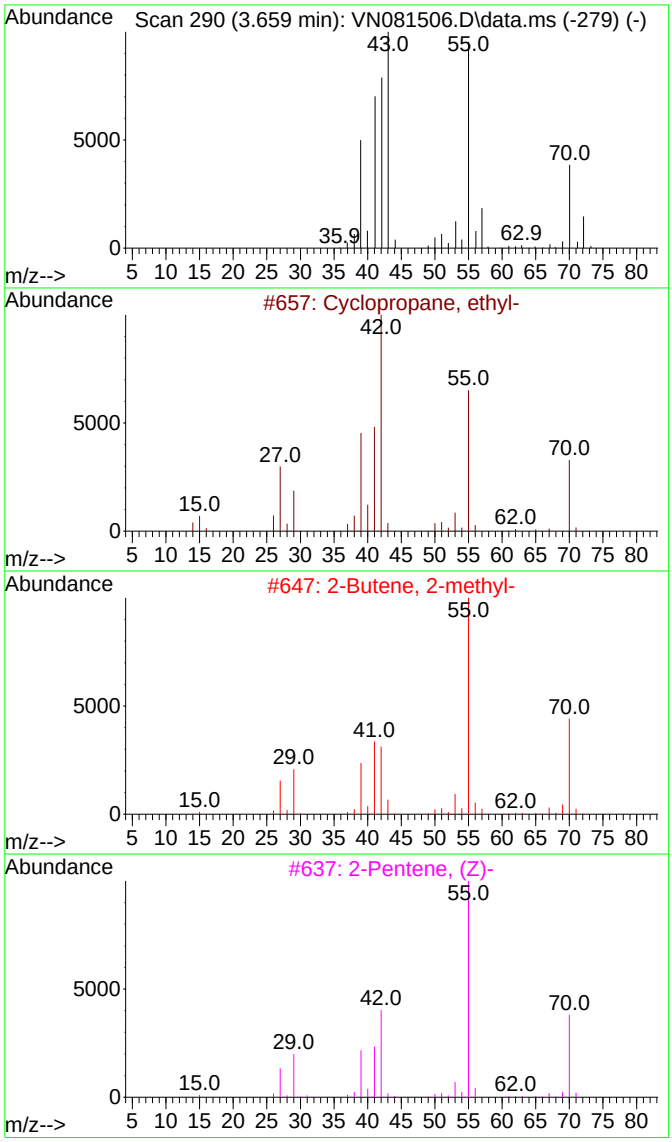
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

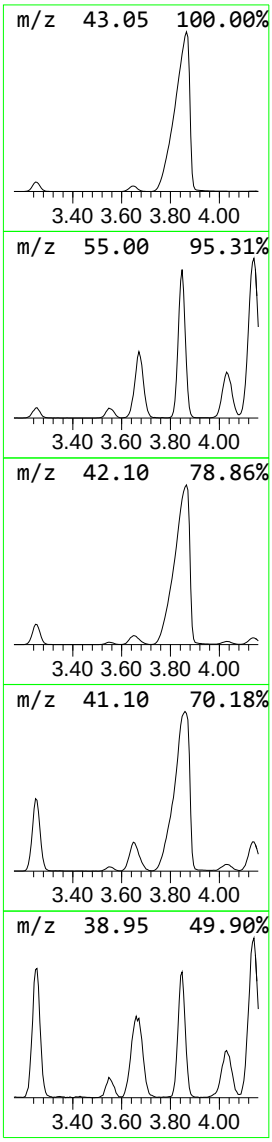
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.659	53.93 ug/l	2477100	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	59
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	58
4	2-Pentene	70	C5H10	000109-68-2	58
5	1-Pentene	70	C5H10	000109-67-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

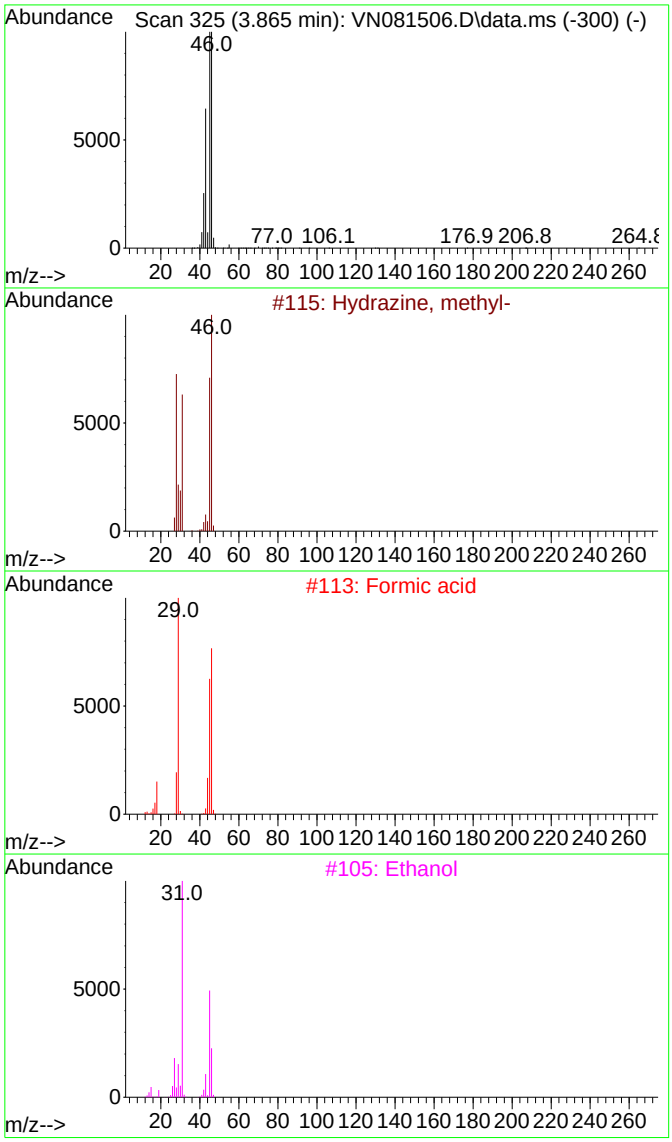
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

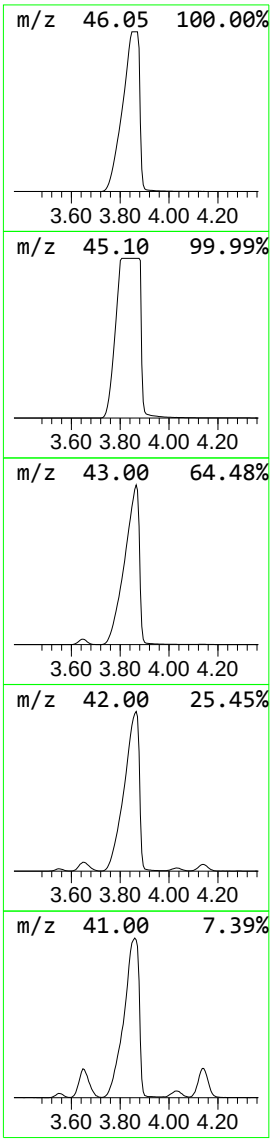
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hydrazine, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.865	3671.90 ug/l	168671000	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, methyl-	46	CH6N2	000060-34-4	50
2	Formic acid	46	CH2O2	000064-18-6	9
3	Ethanol	46	C2H6O	000064-17-5	9
4	Ethene, fluoro-	46	C2H3F	000075-02-5	9
5	Dimethyl ether	46	C2H6O	000115-10-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

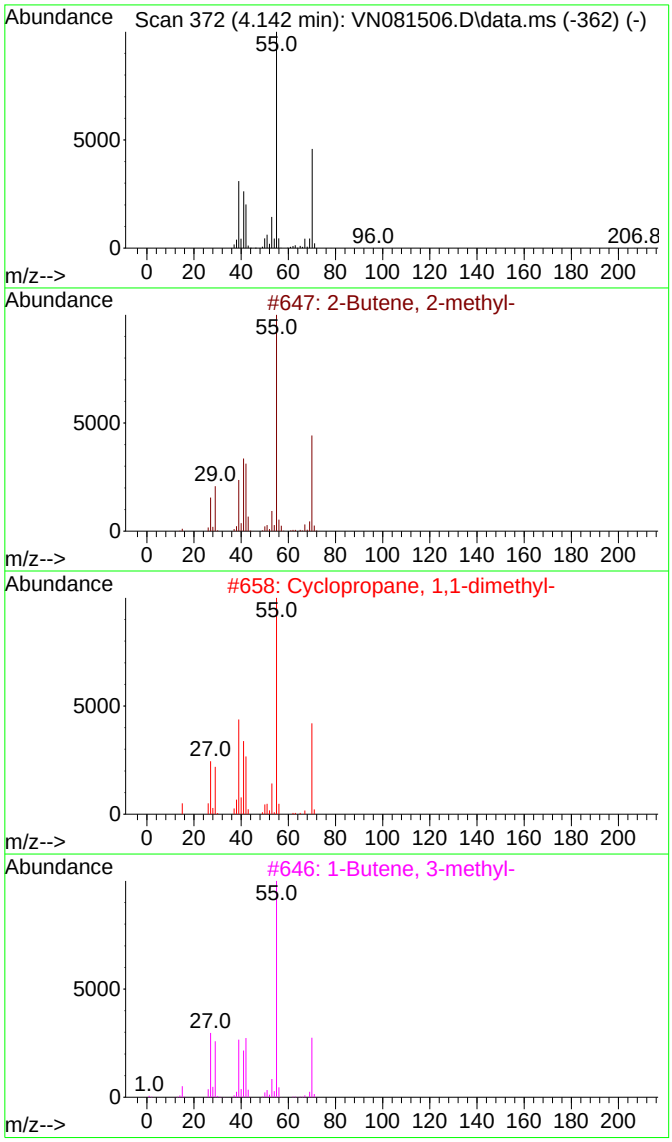
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

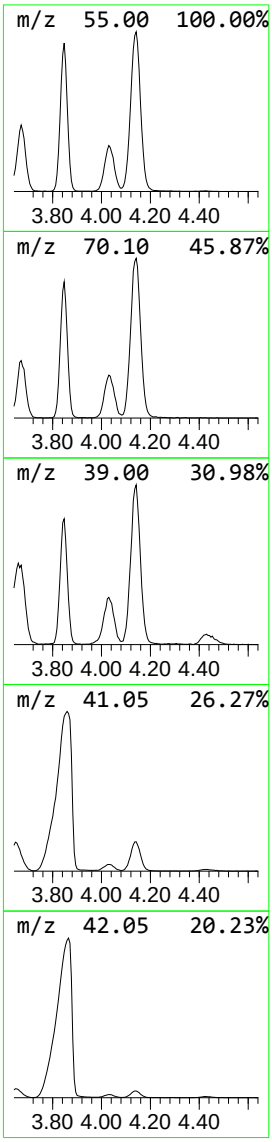
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Butene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.142	79.21 ug/l	3638730	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	78
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	74
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

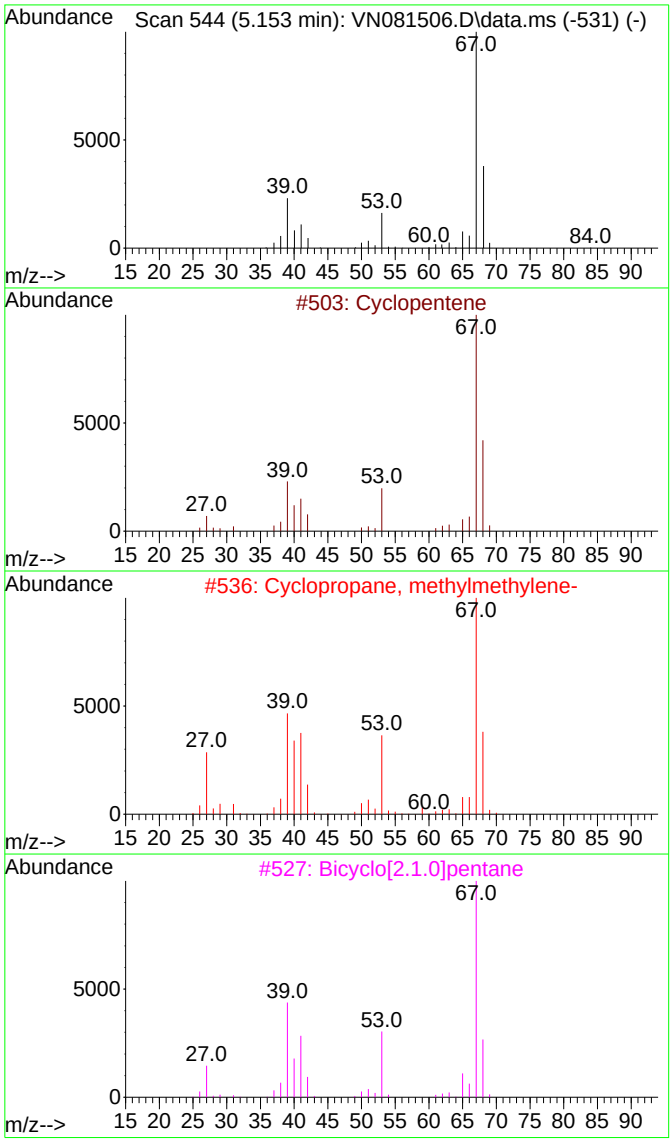
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

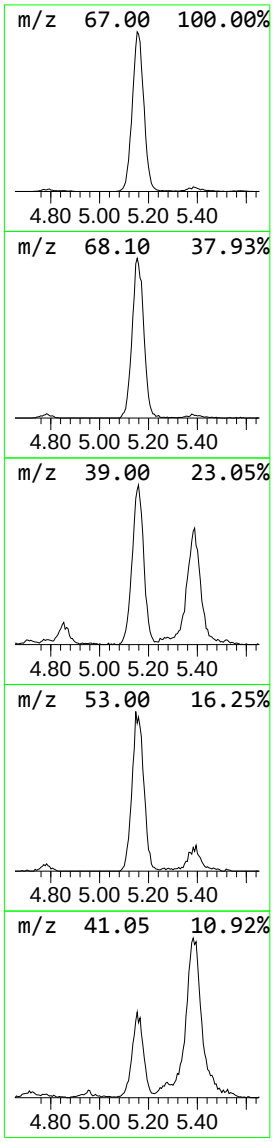
****

Peak Number 7 Cyclopentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.153	38.20 ug/l	1754630	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	90
3	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	83
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	56
5	Isoprene	68	C5H8	000078-79-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

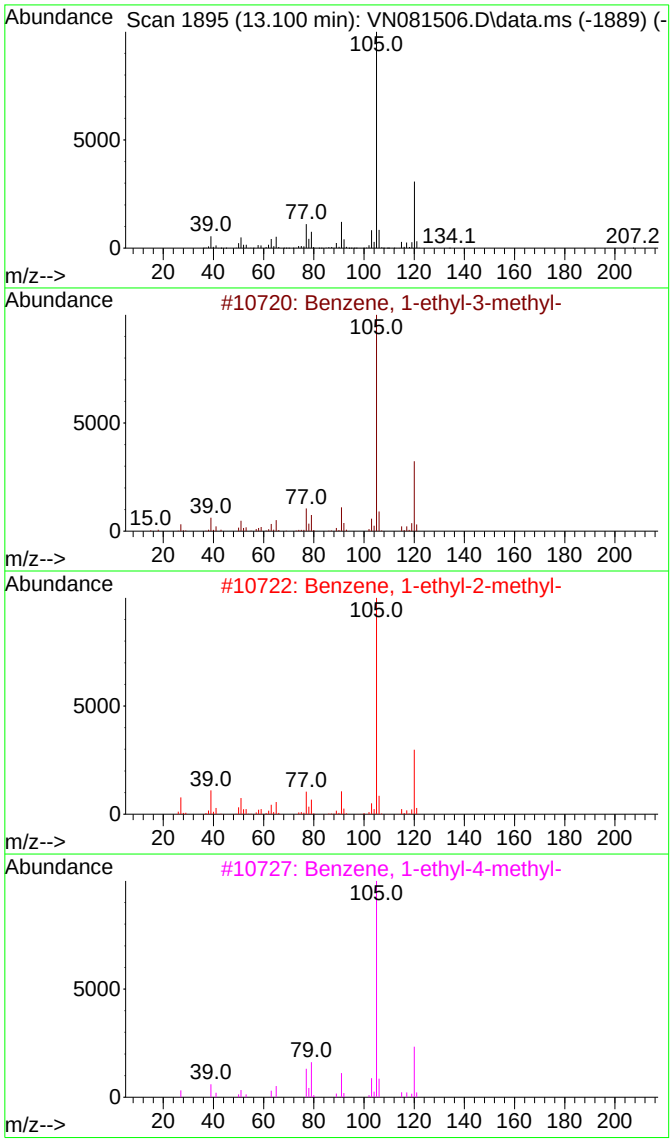
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

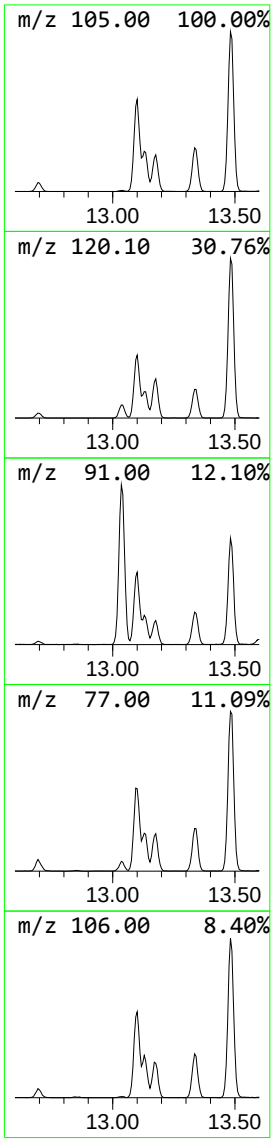
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	52.89 ug/l	6990530	1,4-Dichlorobenzene-d4	13.794

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

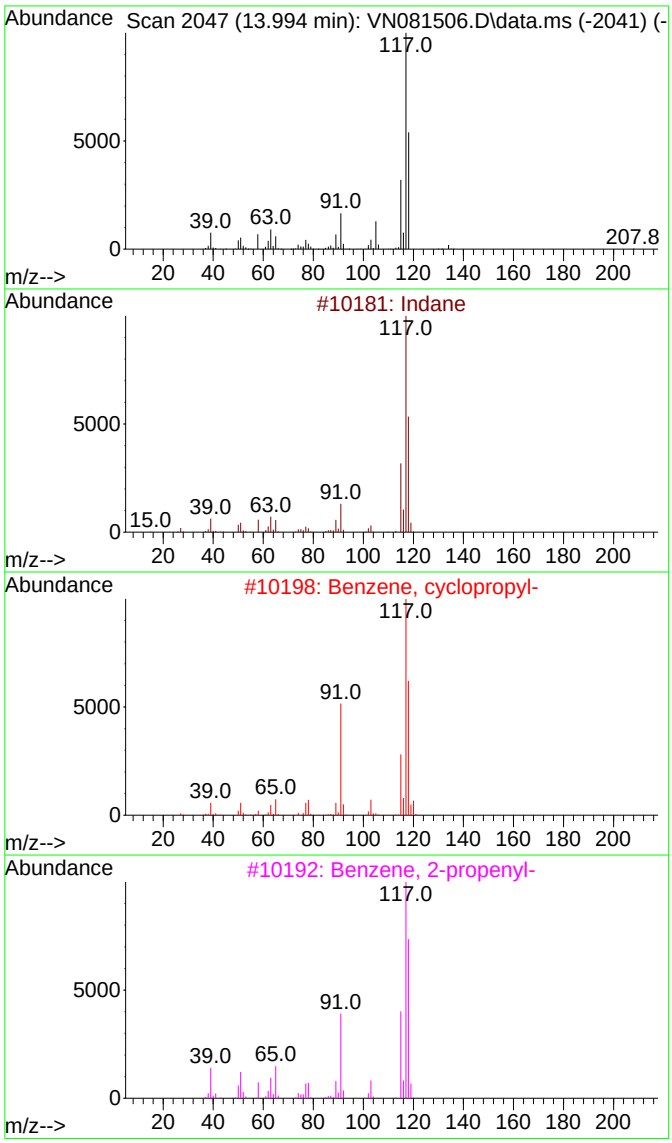
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

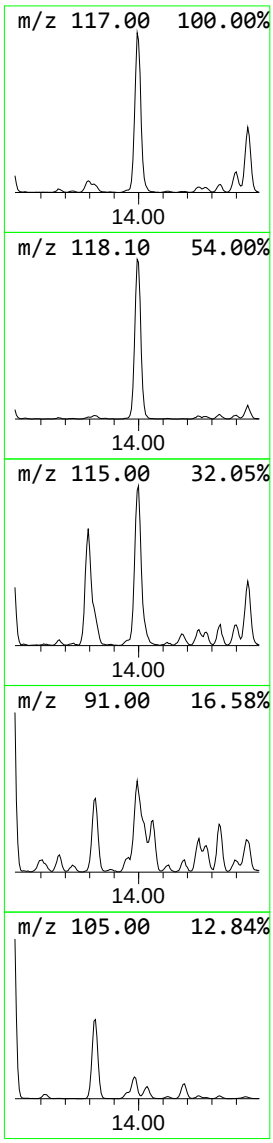
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	44.69 ug/l	5906520	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

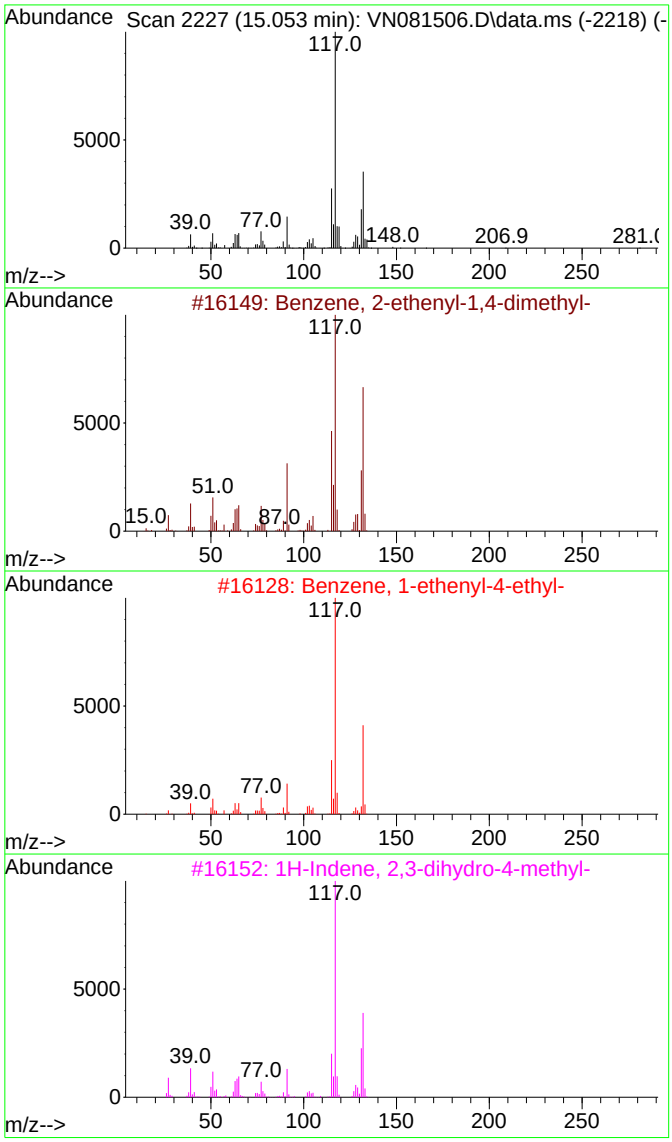
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260

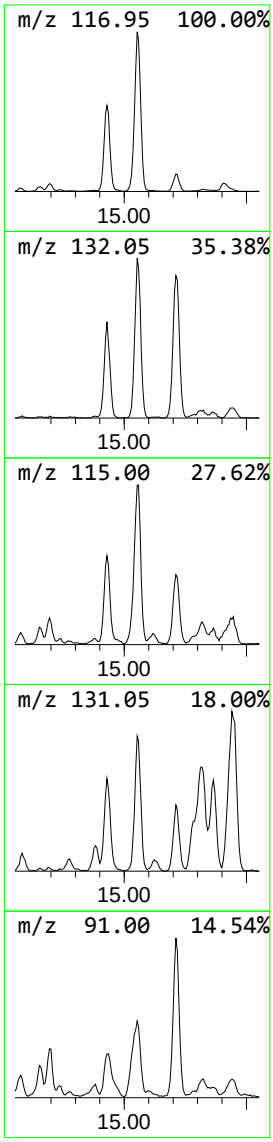
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	33.66 ug/l	4449300	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	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081506.D
Acq On : 20 Mar 2024 20:09
Operator : JC\MD
Sample : P1799-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50297

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.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	2.518	210.3	ug/l	9660780	1	8.224	2296790	50.0
Butane, 2-methyl-	3.248	72.8	ug/l	3346550	1	8.224	2296790	50.0
Cyclopropane, e...	3.659	53.9	ug/l	2477100	1	8.224	2296790	50.0
Hydrazine, methyl-	3.865	3671.9	ug/l	168671000	1	8.224	2296790	50.0
2-Butene, 2-met...	4.142	79.2	ug/l	3638730	1	8.224	2296790	50.0
Cyclopentene	5.153	38.2	ug/l	1754630	1	8.224	2296790	50.0
Benzene, 1-ethy...	13.100	52.9	ug/l	6990530	4	13.794	6608730	50.0
Indane	13.994	44.7	ug/l	5906520	4	13.794	6608730	50.0
Benzene, 2-ethe...	15.053	33.7	ug/l	4449300	4	13.794	6608730	50.0