LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

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_X\Method\82X061824W.M
Title : SW846 8260

Signal : TIC: VX042119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.239	21	25	28	rBV	95359	96904	2.76%	0.366%
2	1.373	42	47	53	rBV	49480	59384	1.69%	0.224%
3	1.715	99	103	118	rVB	145032	194976	5.55%	0.736%
4	1.928	134	138	151	rVB2	41775	74938	2.13%	0.283%
5	2.196	178	182	194	rVB	37004	56636	1.61%	0.214%
6	2.770	258	276	278	rBV3	25431	87803	2.50%	0.332%
7	2.812	278	283	286	rVV	61983	123151	3.51%	0.465%
8	2.855	286	290	304	rVB2	51080	119551	3.40%	0.451%
9	3.093	320	329	331	rBV	58566	123653	3.52%	0.467%
10	3.434	377	385	396	rVB	17910	39649	1.13%	0.150%
11	4.294	517	526	538	rVB2	64797	185498	5.28%	0.700%
12	5.385	694	705	713	rBV2	70696	216634	6.17%	0.818%
13	5.470	713	719	725	rVV6	30969	107902	3.07%	0.407%
14	5.550	725	732	760	rVB	121848	425116	12.10%	1.605%
15	5.824	764	777	790	rBV5	25786	90348	2.57%	0.341%
16	5.952	790	798	803	rBV	68262	171959	4.89%	0.649%
17	6.037	803	812	826	rVB	1327496	3513388	100.00%	13.266%
18	6.330	851	860	879	rVB	384690	1138493	32.40%	4.299%
19	6.763	922	931	941	rBV	180281	444763	12.66%	1.679%
20	7.372	1016	1031	1042	rBV3	77702	213256	6.07%	0.805%
21	7.653	1072	1077	1090	rVB2	18095	40394	1.15%	0.153%
22	7.982	1122	1131	1143	rVB2	20299	53220	1.51%	0.201%
23	8.104	1143	1151	1155	rBV2	29289	62048	1.77%	0.234%
24	8.451	1201	1208	1213	rBV3	28234	70910	2.02%	0.268%
25	8.525	1213	1220	1227	rVB2	84175	177305	5.05%	0.669%
26	8.598	1227	1232	1235	rBV3	22262	41779	1.19%	0.158%
27	8.647	1235	1240	1246	rVB	389136	597640	17.01%	2.257%
28	8.720	1246	1252	1258	rBV	600391	924649	26.32%	3.491%
29	8.866	1270	1276	1281	rVB	42702	81315	2.31%	0.307%
30	9.457	1365	1373	1377	rBV3	22140	42391	1.21%	0.160%
31	9.555	1384	1389	1395	rVB3	25948	48740	1.39%	0.184%
32	10.055	1460	1471	1476	rBV	424499	598121	17.02%	2.258%
33	10.098	1476	1478	1485	rVV3	23742	49265	1.40%	0.186%
34	10.195	1488	1494	1504	rVV	1133808	1507255	42.90%	5.691%
35	10.299	1504	1511	1518	rVB	2026950	2751307	78.31%	10.389%
36	10.640	1562	1567	1579	rVB	1549535	1949319	55.48%	7.360%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

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_X\Method\82X061824W.M
Title : SW846 8260

37	10.963	1614	1620	1626	rVB	85357	127528	3.63%	0.482%
38	11.079	1634	1639	1645	rBV	357914	482027	13.72%	1.820%
39	11.305	1672	1676	1683	rVB	89366	116024	3.30%	0.438%
40	11.378	1683	1688	1690	rBV	323614	436509	12.42%	1.648%
41	11.451	1695	1700	1711	rVB	415572	529744	15.08%	2.000%
42	11.609	1721	1726	1738	rBV	652804	842892	23.99%	3.183%
43	11.750	1744	1749	1756	rVB	1742365	2082138	59.26%	7.862%
44	11.969	1781	1785	1789	rBV	32679	39704	1.13%	0.150%
45	12.018	1789	1793	1799	rVB	462502	604910	17.22%	2.284%
46	12.085	1799	1804	1811	rBV	655827	787114	22.40%	2.972%
47	12.243	1823	1830	1838	rBV3	547657	828694	23.59%	3.129%
48	12.317	1838	1842	1851	rVV2	190789	279374	7.95%	1.055%
49	12.408	1852	1857	1862	rVV2	42269	58961	1.68%	0.223%
50	12.463	1862	1866	1872	rVB	75053	97917	2.79%	0.370%
51	12.530	1872	1877	1879	rBV	144092	178866	5.09%	0.675%
52	12.554	1879	1881	1886	rVV	115233	120813	3.44%	0.456%
53	12.609	1886	1890	1894	rVV	220795	281230	8.00%	1.062%
54	12.646	1894	1896	1900	rVV	44435	46437	1.32%	0.175%
55	12.701	1900	1905	1913	rVB2	179506	268199	7.63%	1.013%
56	12.847	1925	1929	1934	rVB2	72339	90232	2.57%	0.341%
57	12.920	1936	1941	1944	rBV	160117	185212	5.27%	0.699%
58	12.963	1944	1948	1954	rVB	202554	251116	7.15%	0.948%
59	13.170	1978	1982	1986	rVB	103749	124942	3.56%	0.472%
60	13.292	1997	2002	2008	rVB2	260112	348852	9.93%	1.317%
61	13.420	2019	2023	2030	rVB2	26443	37441	1.07%	0.141%
62	13.542	2040	2043	2046	rVV	39904	55094	1.57%	0.208%
63	13.585	2046	2050	2056	rVV2	45068	94823	2.70%	0.358%
64	13.664	2060	2063	2068	rVB2	41916	62292	1.77%	0.235%
65	13.774	2075	2081	2087	rBV	300650	386434	11.00%	1.459%
66	14.639	2219	2223	2227	rVB	65619	78403	2.23%	0.296%
67	14.780	2241	2246	2255	rBV	59873	80012	2.28%	0.302%

Sum of corrected areas: 26483594

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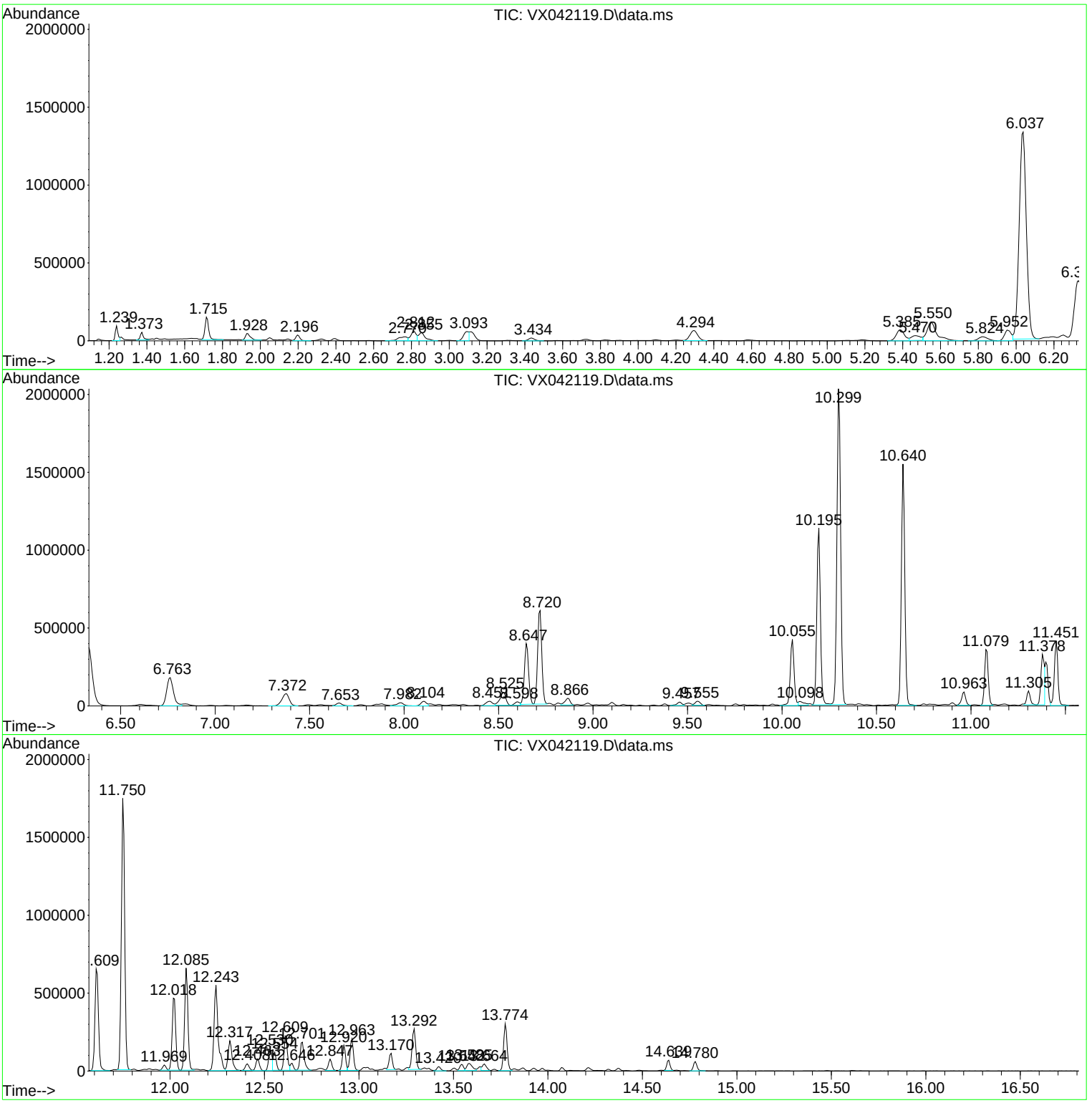
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW6-20240626-A

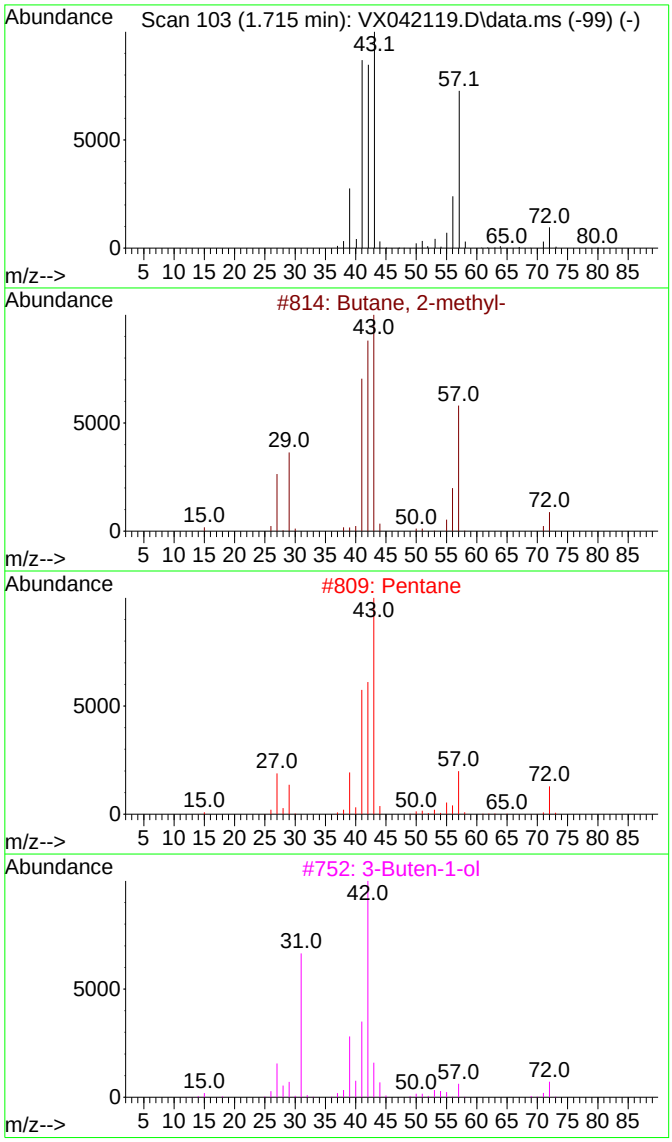
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

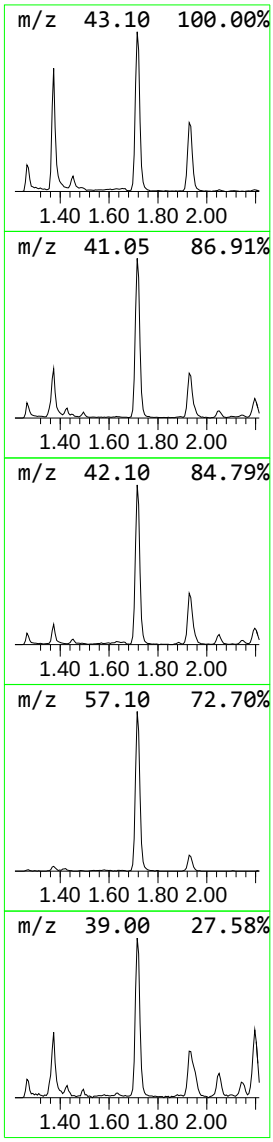
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.715	22.93 ug/l	194976	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	47
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

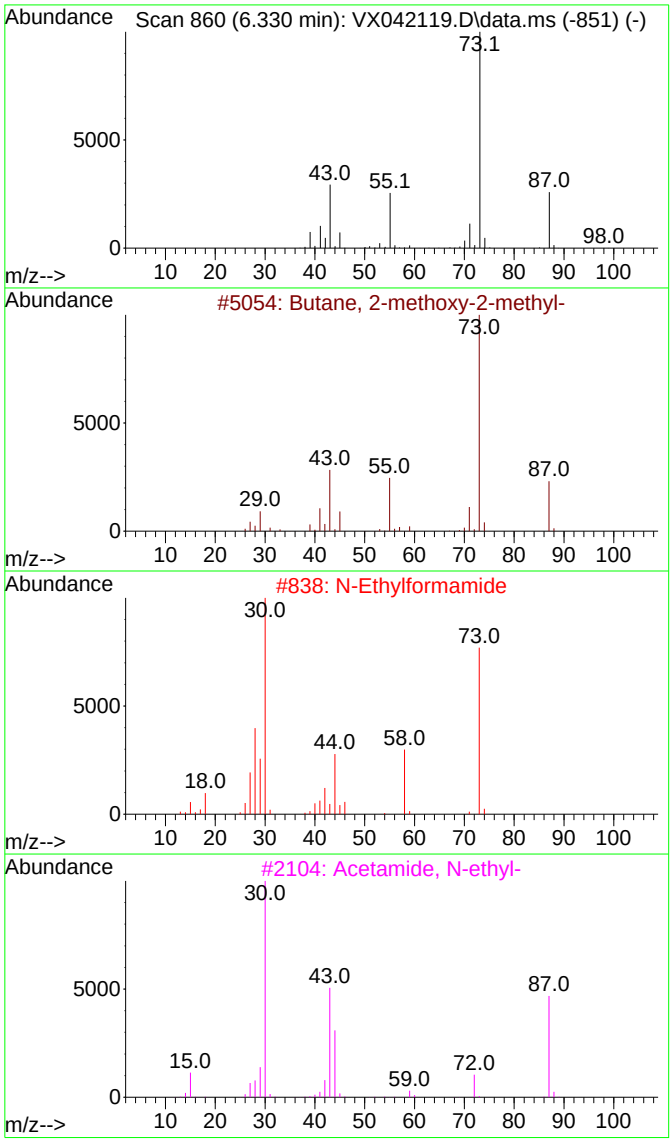
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

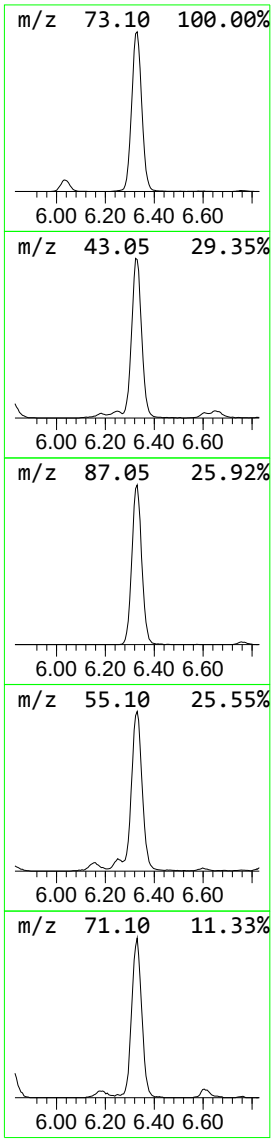
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.330	127.99 ug/l	1138490	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

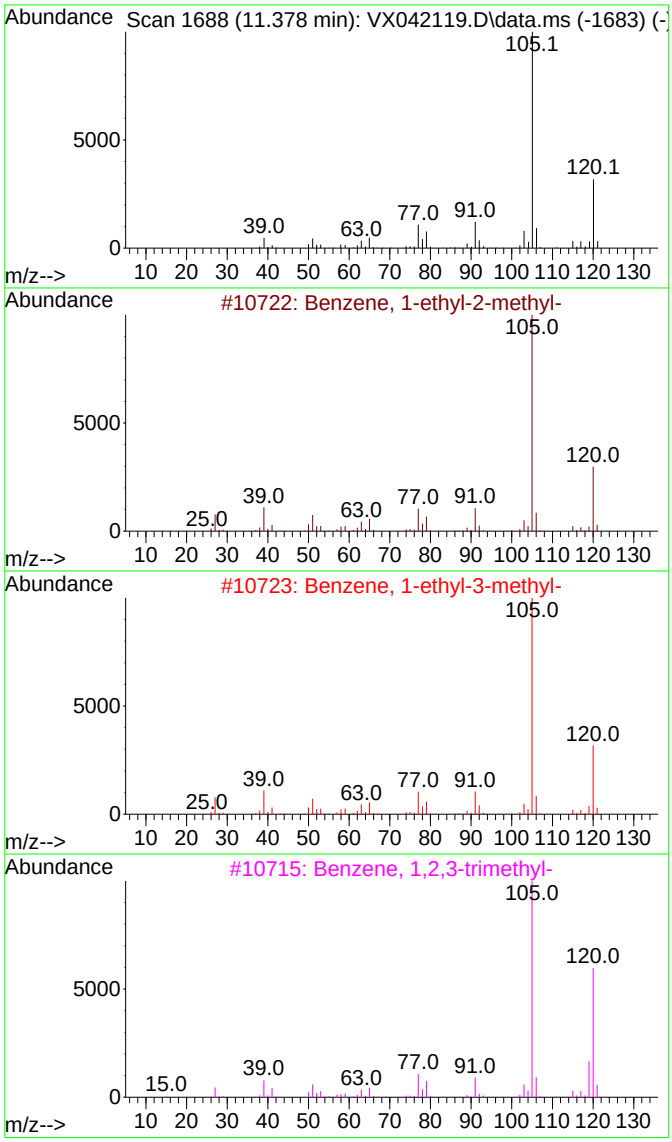
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

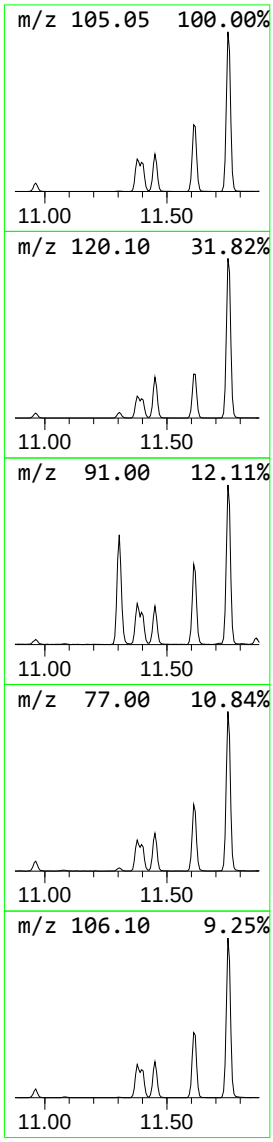
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	36.08 ug/l	436509	1,4-Dichlorobenzene-d4	12.024

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	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

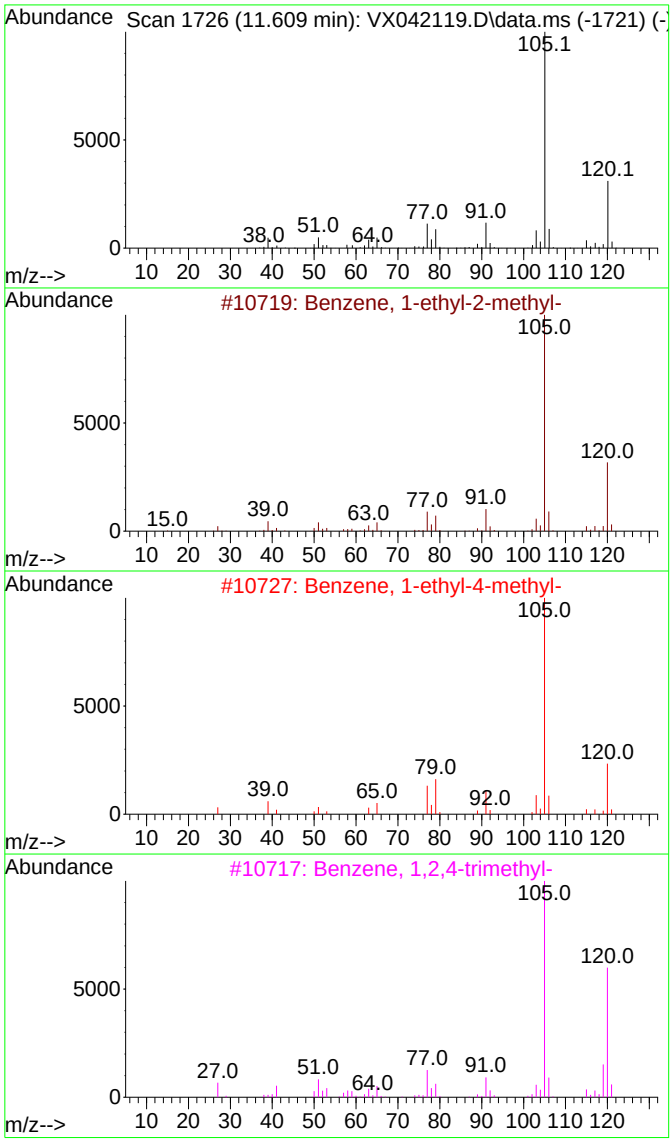
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

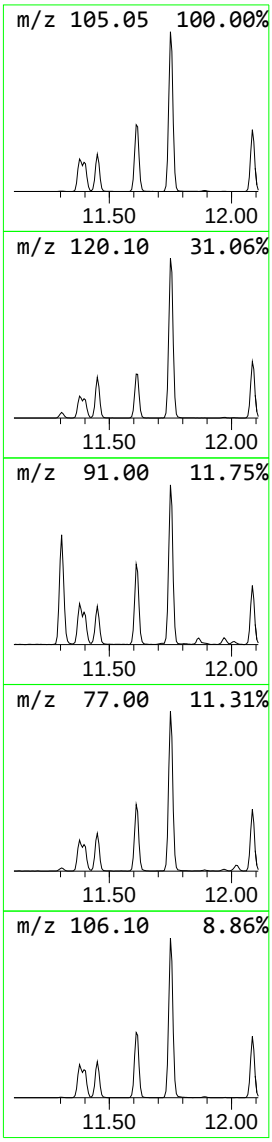
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.609	69.67 ug/l	842892	1,4-Dichlorobenzene-d4	12.024

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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

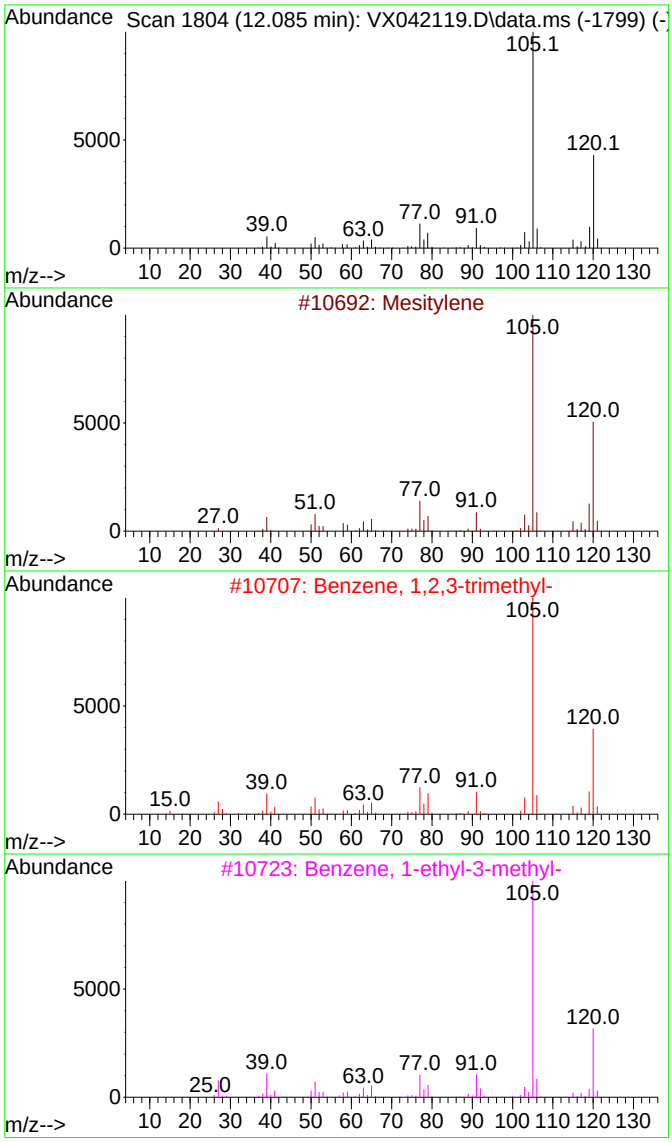
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

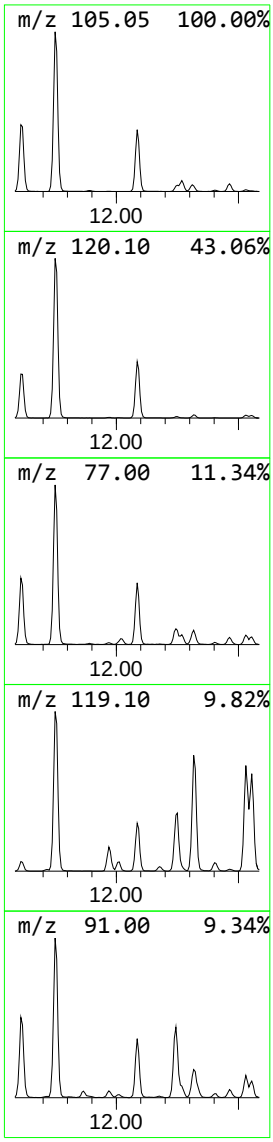
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	65.06 ug/l	787114	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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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Acq On : 01 Jul 2024 17:05
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

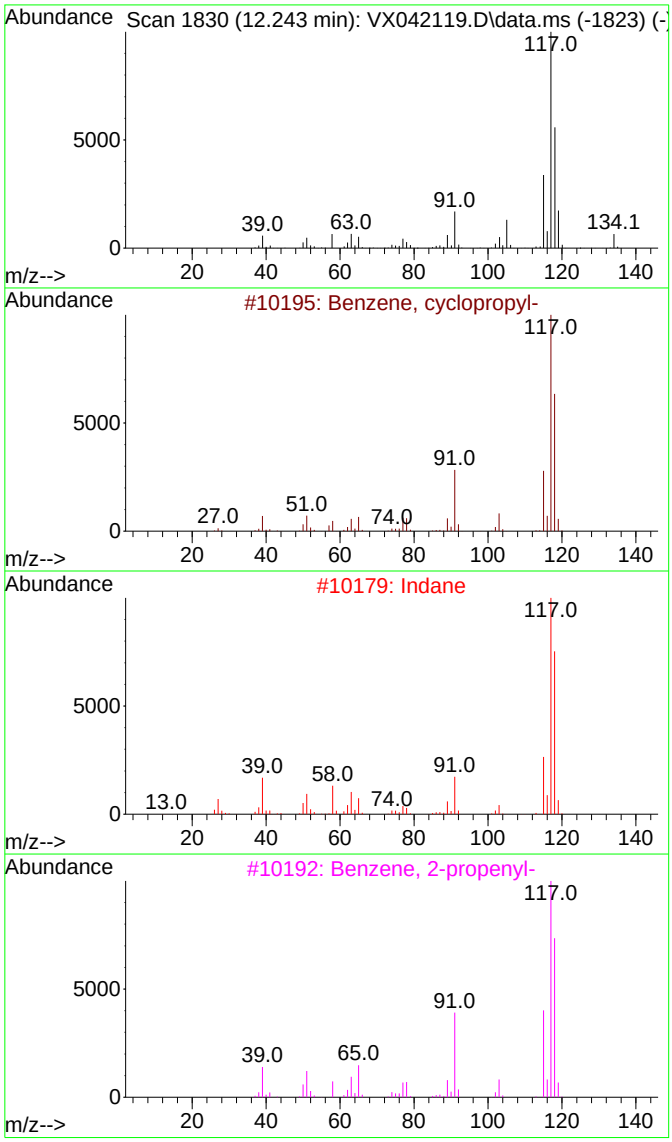
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

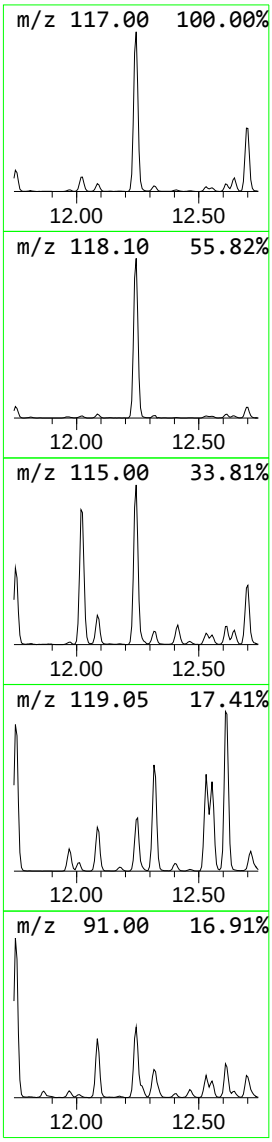
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	68.50 ug/l	828694	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

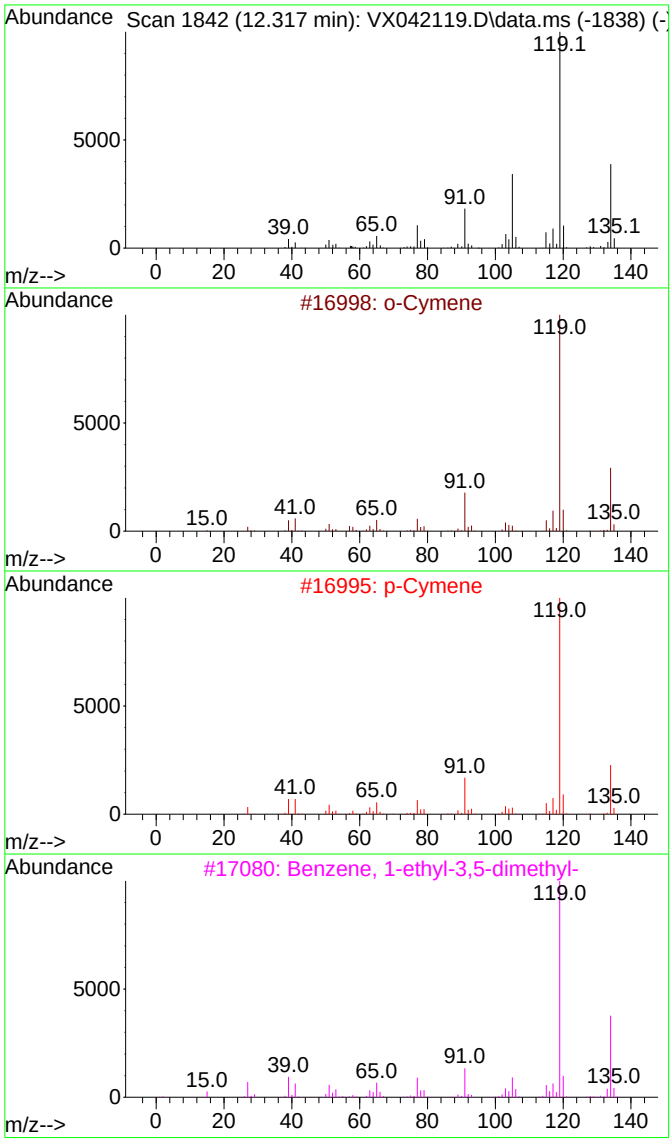
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

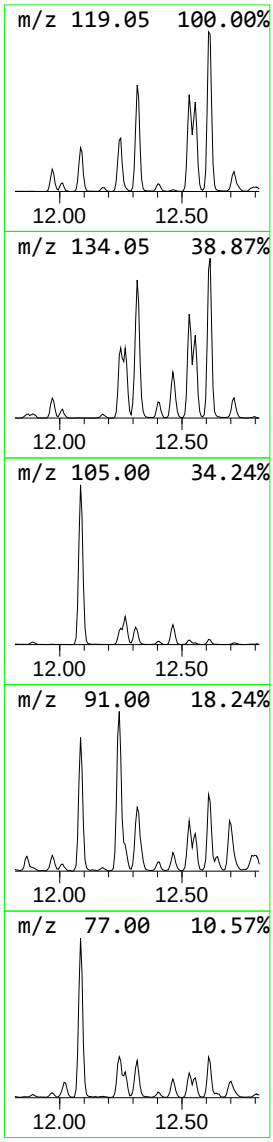
****

Peak Number 7 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	23.09 ug/l	279374	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

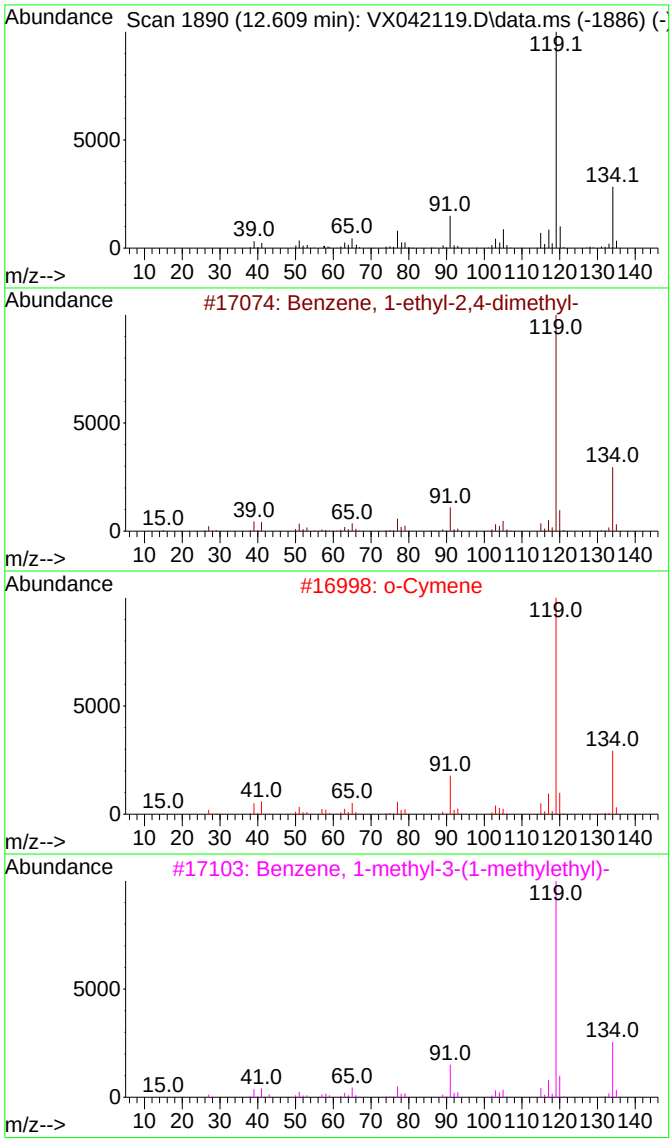
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

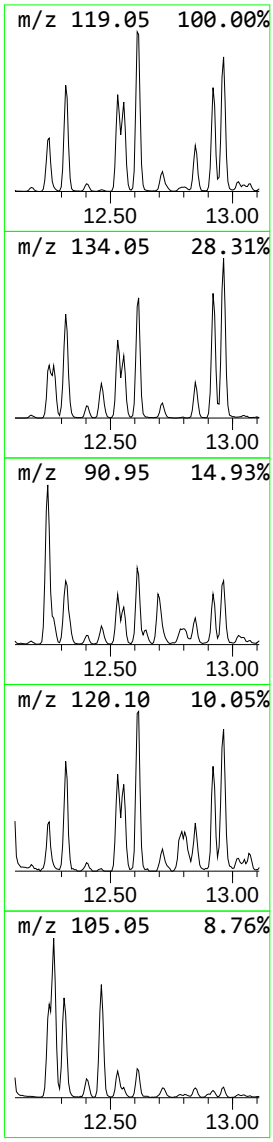
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	23.25 ug/l	281230	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
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_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

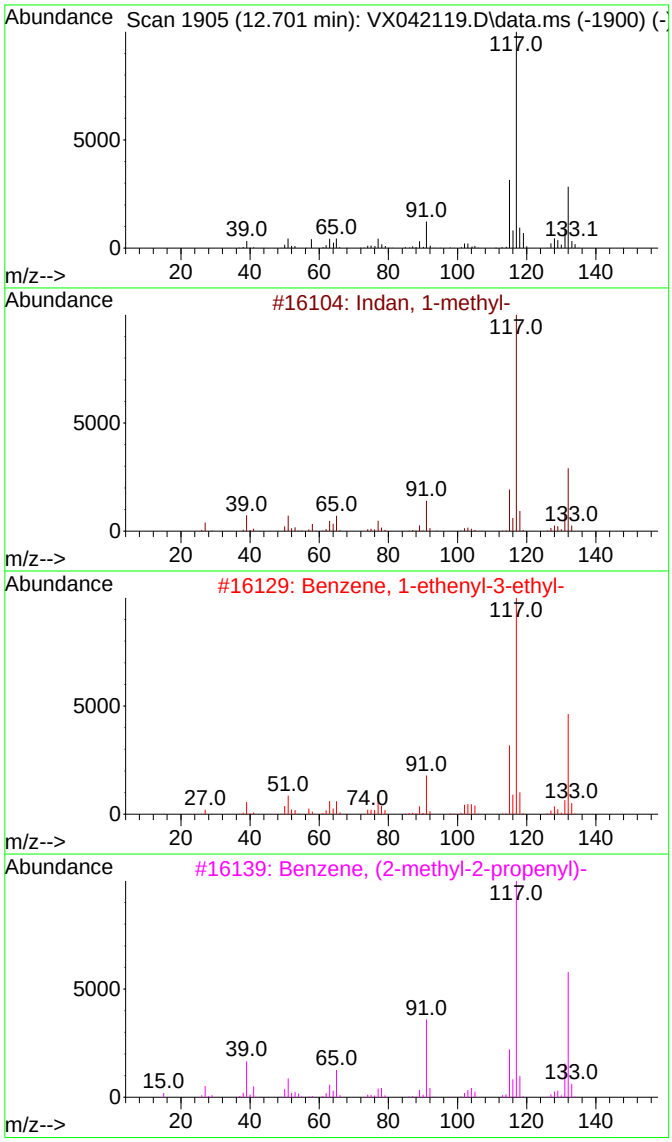
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

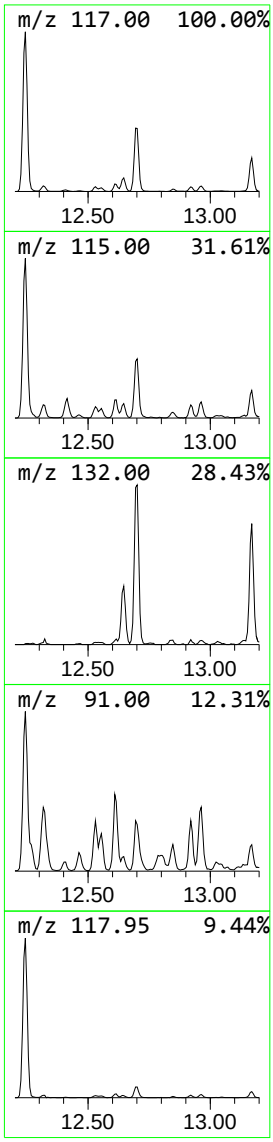
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	22.17 ug/l	268199	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

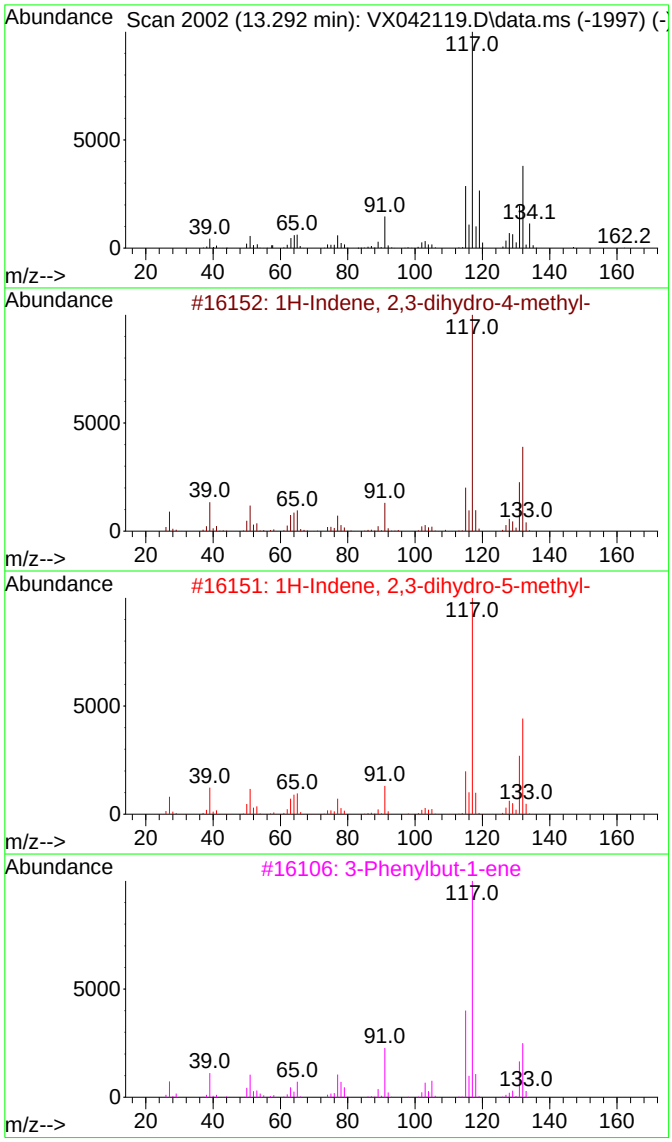
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260

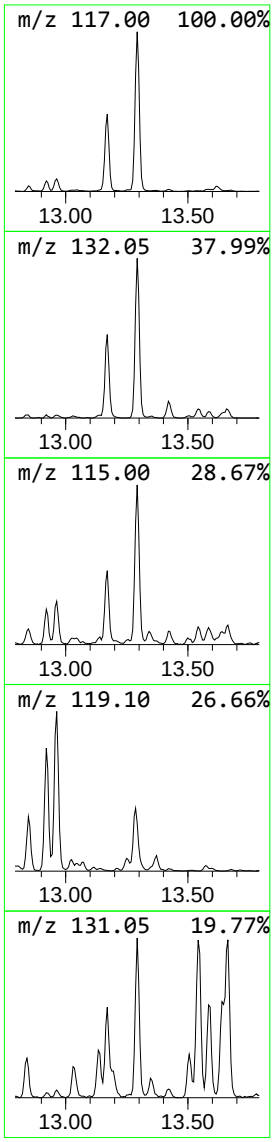
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	28.84 ug/l	348852	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	72
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042119.D
Acq On : 01 Jul 2024 17:05
Operator : JC/MD
Sample : P3092-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-20240626-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.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-	1.715	22.9	ug/l	194976	1	5.550	425116	50.0
Butane, 2-metho...	6.330	128.0	ug/l	1138490	2	6.763	444763	50.0
Benzene, 1-ethy...	11.378	36.1	ug/l	436509	4	12.024	604910	50.0
Benzene, 1-ethy...	11.609	69.7	ug/l	842892	4	12.024	604910	50.0
Benzene, 1-ethy...	12.085	65.1	ug/l	787114	4	12.024	604910	50.0
Benzene, cyclop...	12.243	68.5	ug/l	828694	4	12.024	604910	50.0
o-Cymene	12.317	23.1	ug/l	279374	4	12.024	604910	50.0
Benzene, 1-ethy...	12.609	23.3	ug/l	281230	4	12.024	604910	50.0
Indan, 1-methyl-	12.701	22.2	ug/l	268199	4	12.024	604910	50.0
1H-Indene, 2,3-...	13.292	28.8	ug/l	348852	4	12.024	604910	50.0