LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

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\82X062822W.M
Title : SW846 8260

Signal : TIC: VX029883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	20	27	31	rBV3	12386	19077	1.61%	0.198%
2	1.746	103	108	116	rBV	26383	38322	3.23%	0.398%
3	1.953	137	142	148	rVB2	12592	17530	1.48%	0.182%
4	2.782	264	278	282	rBV6	8375	24341	2.05%	0.252%
5	2.867	288	292	304	rVB4	15904	35855	3.03%	0.372%
6	3.105	319	331	340	rBV5	10476	29897	2.52%	0.310%
7	4.312	518	529	540	rVB2	34008	100558	8.49%	1.043%
8	5.026	636	646	653	rBV5	5599	17612	1.49%	0.183%
9	5.391	694	706	714	rBV2	127061	369977	31.22%	3.838%
10	5.477	715	720	724	rVV2	22397	55397	4.67%	0.575%
11	5.556	724	733	750	rVB	229818	662894	55.94%	6.876%
12	5.958	789	799	807	rBV	143493	384101	32.41%	3.984%
13	6.044	807	813	824	rVB	54436	146372	12.35%	1.518%
14	6.263	845	849	857	rVB4	5200	12260	1.03%	0.127%
15	6.763	920	931	943	rBV	370558	889614	75.07%	9.228%
16	7.385	1023	1033	1043	rVB4	17555	46907	3.96%	0.487%
17	7.885	1112	1115	1122	rVB6	6953	13059	1.10%	0.135%
18	8.653	1231	1241	1248	rBV	762831	1184992	100.00%	12.292%
19	8.720	1248	1252	1258	rVB3	7653	15408	1.30%	0.160%
20	8.958	1282	1291	1299	rBV	25139	41870	3.53%	0.434%
21	9.049	1299	1306	1312	rBV2	27273	41626	3.51%	0.432%
22	10.055	1460	1471	1478	rBV	763986	1012474	85.44%	10.502%
23	10.195	1489	1494	1499	rBV	141807	176958	14.93%	1.836%
24	10.305	1507	1512	1517	rVB	79448	102184	8.62%	1.060%
25	10.640	1563	1567	1574	rVB	16015	23088	1.95%	0.239%
26	10.963	1614	1620	1625	rBV	36605	46120	3.89%	0.478%
27	11.079	1634	1639	1649	rBV	528502	715174	60.35%	7.418%
28	11.305	1672	1676	1683	rVB	67720	83444	7.04%	0.866%
29	11.402	1685	1692	1696	rVV	15021	25388	2.14%	0.263%
30	11.451	1696	1700	1710	rVB	14168	20526	1.73%	0.213%
31	11.616	1722	1727	1735	rVB	80530	105810	8.93%	1.098%
32	11.756	1746	1750	1755	rVB	26856	35198	2.97%	0.365%
33	11.866	1762	1768	1770	rBV3	9859	13136	1.11%	0.136%
34	11.890	1770	1772	1777	rVB	14541	17037	1.44%	0.177%
35	12.024	1788	1794	1800	rBV	755172	920159	77.65%	9.545%
36	12.085	1800	1804	1811	rVV	156292	194177	16.39%	2.014%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

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\82X062822W.M
Title : SW846 8260

37	12.244	1824	1830	1838	rBV2	243442	297707	25.12%	3.088%
38	12.335	1838	1845	1850	rVB2	14407	29585	2.50%	0.307%
39	12.408	1850	1857	1862	rBV2	18960	27102	2.29%	0.281%
40	12.463	1862	1866	1872	rVB	29666	35222	2.97%	0.365%
41	12.616	1884	1891	1894	rBV	59479	75760	6.39%	0.786%
42	12.646	1894	1896	1900	rVV	22334	23597	1.99%	0.245%
43	12.701	1900	1905	1912	rVB2	146626	195477	16.50%	2.028%
44	12.847	1924	1929	1934	rVV3	27571	38015	3.21%	0.394%
45	12.920	1934	1941	1945	rVV	82568	105286	8.88%	1.092%
46	12.963	1945	1948	1953	rVB2	14872	18613	1.57%	0.193%
47	13.292	1991	2002	2007	rBV2	153389	216850	18.30%	2.249%
48	13.426	2018	2024	2031	rVB2	34111	47611	4.02%	0.494%
49	13.542	2039	2043	2046	rBV2	9716	13057	1.10%	0.135%
50	13.579	2046	2049	2053	rVV3	22905	32258	2.72%	0.335%
51	13.664	2053	2063	2070	rVB2	32087	71805	6.06%	0.745%
52	13.774	2073	2081	2089	rBV	293673	382780	32.30%	3.971%
53	13.865	2090	2096	2102	rBV2	11216	21504	1.81%	0.223%
54	13.926	2102	2106	2110	rVV2	14865	17739	1.50%	0.184%
55	14.213	2148	2153	2159	rBV5	15300	25449	2.15%	0.264%
56	14.371	2175	2179	2184	rVB2	11303	14747	1.24%	0.153%
57	14.481	2192	2197	2202	rBV3	12379	16353	1.38%	0.170%
58	14.640	2219	2223	2226	rVV	43567	54727	4.62%	0.568%
59	14.780	2240	2246	2254	rBV	138811	182733	15.42%	1.895%
60	15.481	2356	2361	2366	rBV2	10293	17383	1.47%	0.180%
61	15.615	2376	2383	2387	rBV	24002	40533	3.42%	0.420%

Sum of corrected areas: 9640435

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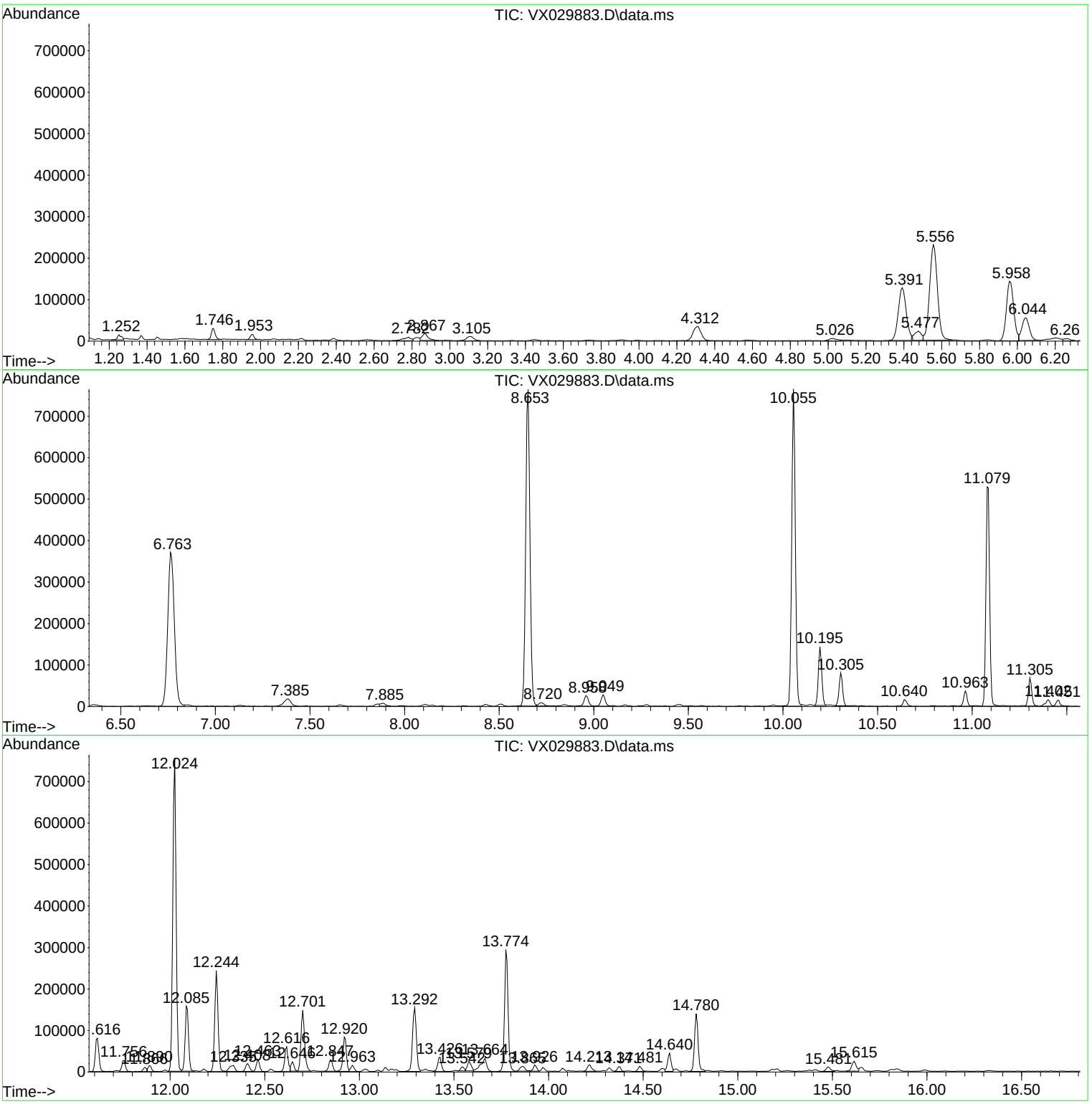
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

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



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Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

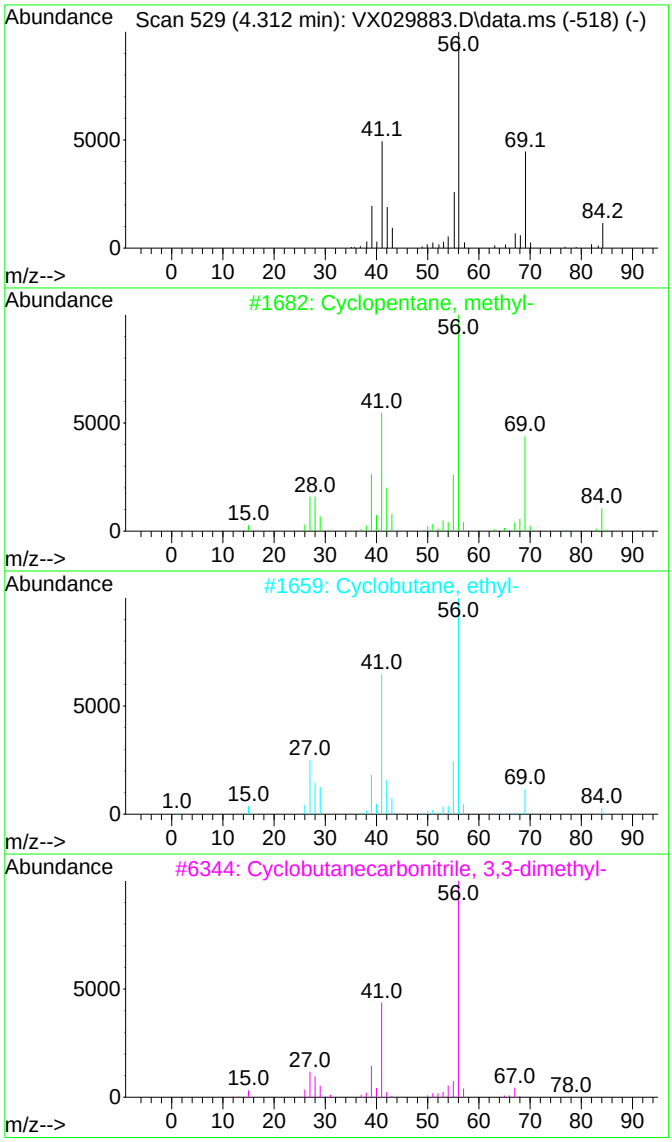
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

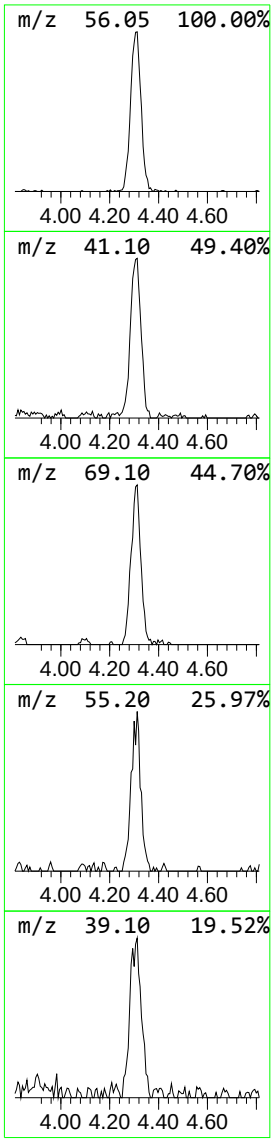
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.312	7.58 ug/l	100558	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	50
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	45
5	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

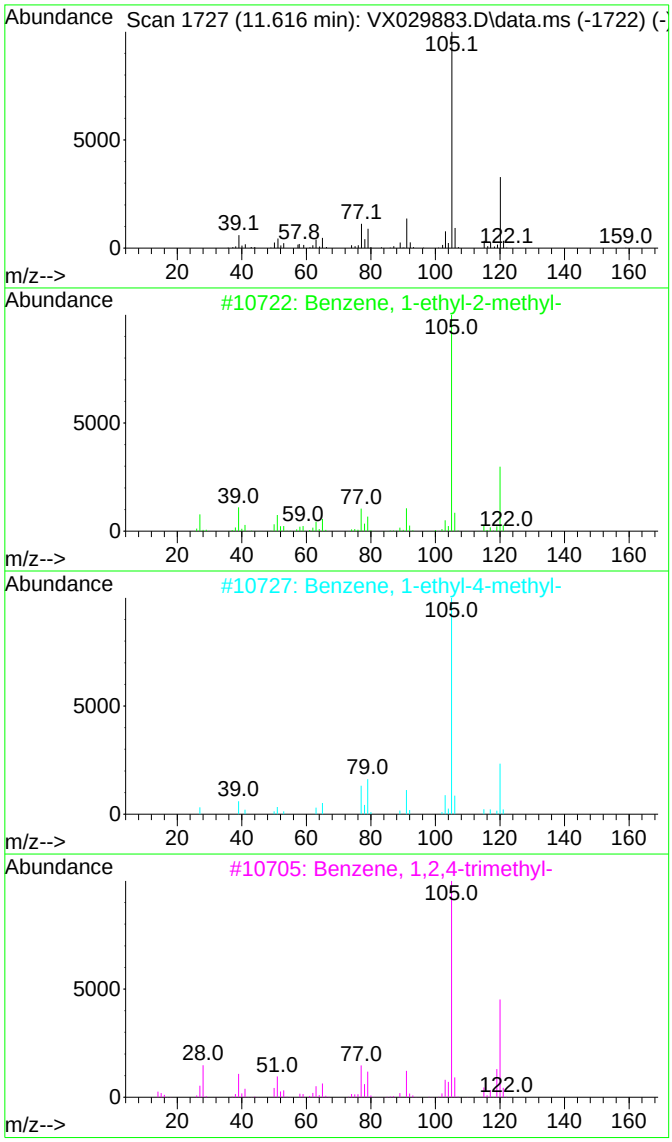
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

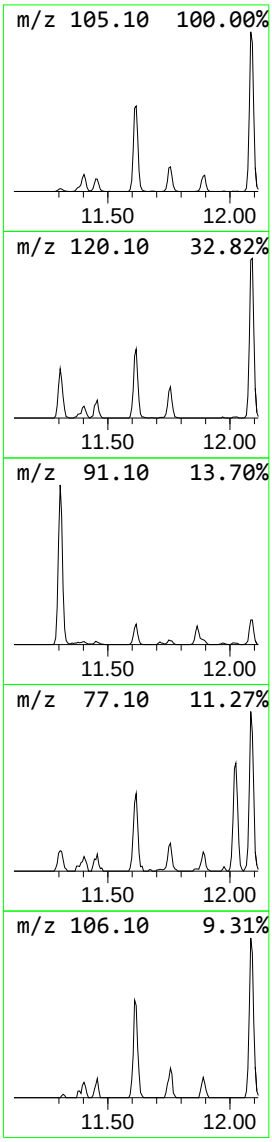
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	5.75 ug/l	105810	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-4-methyl-	120	C9H12	000622-96-8	91
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\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

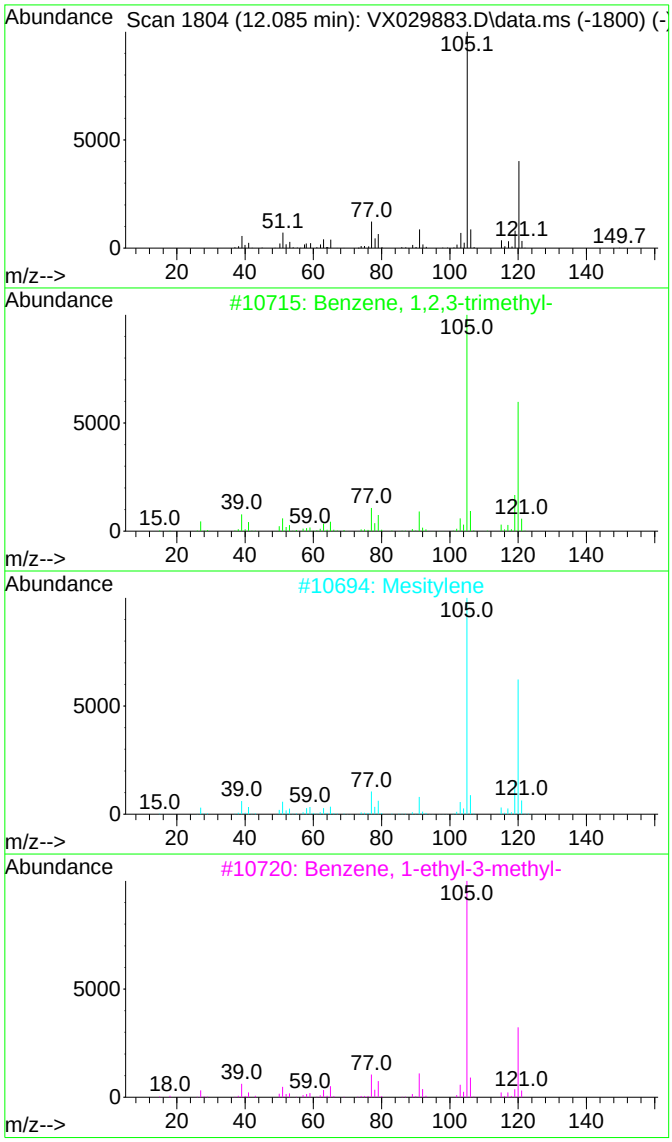
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

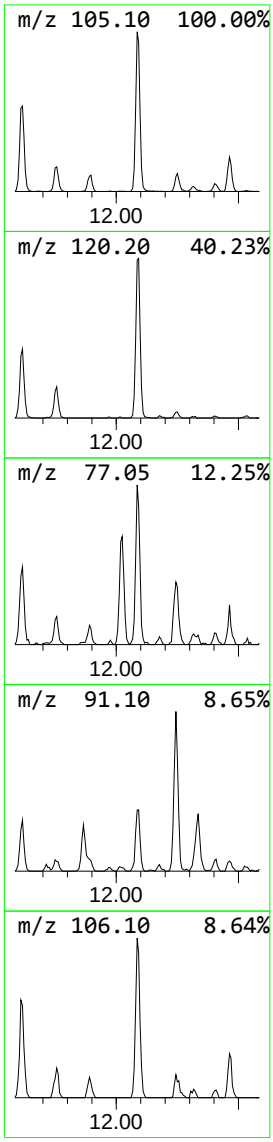
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	10.55 ug/l	194177	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

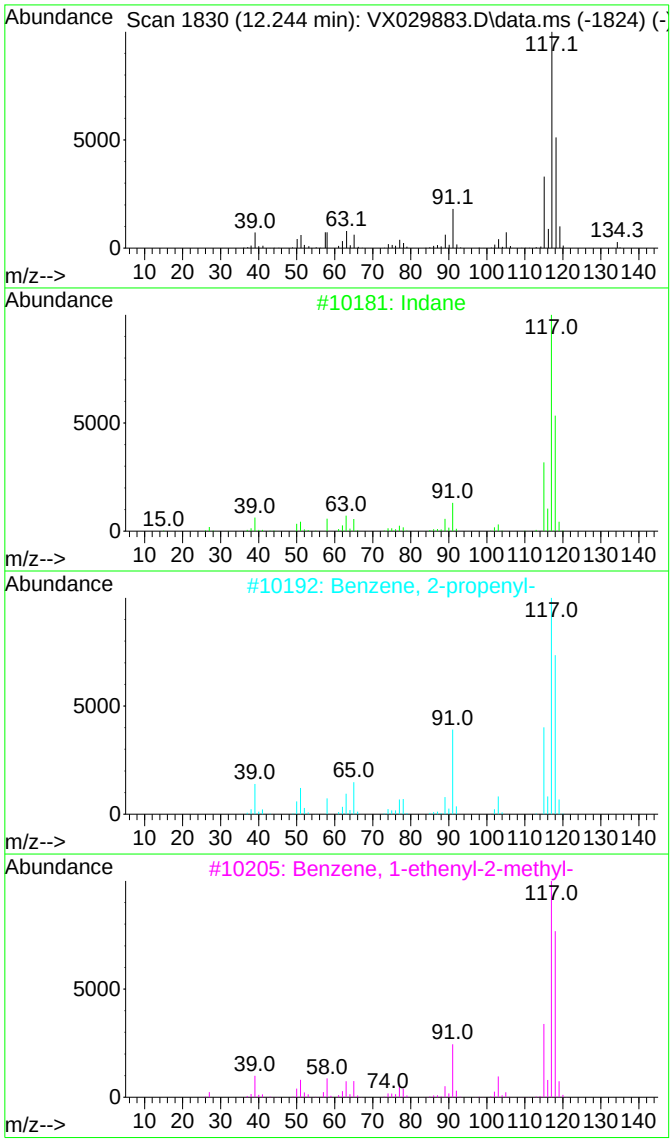
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

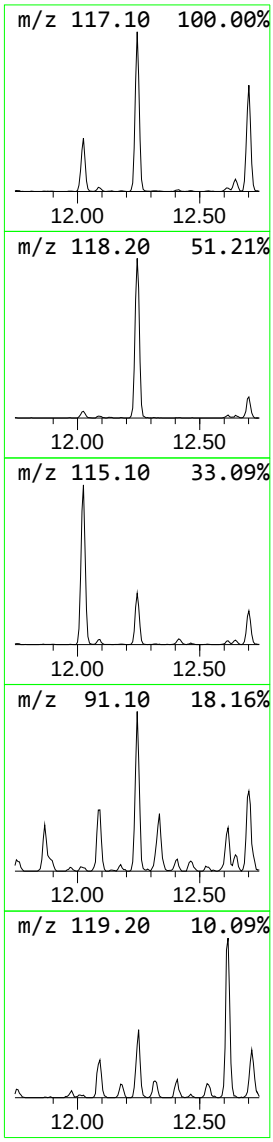
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	16.18 ug/l	297707	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

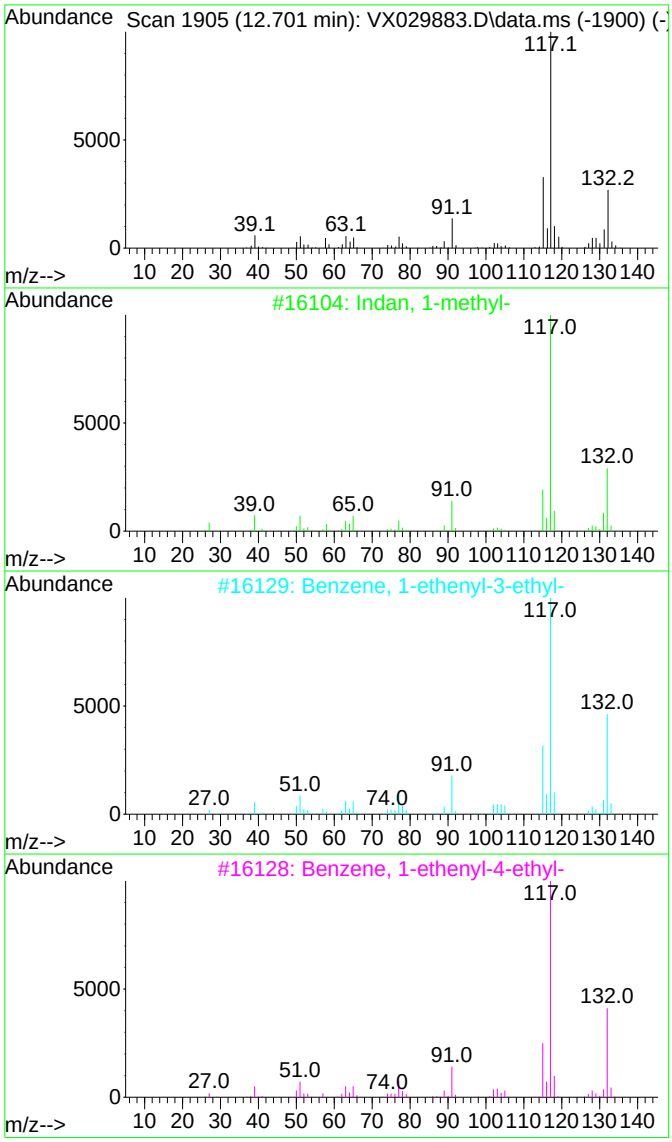
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

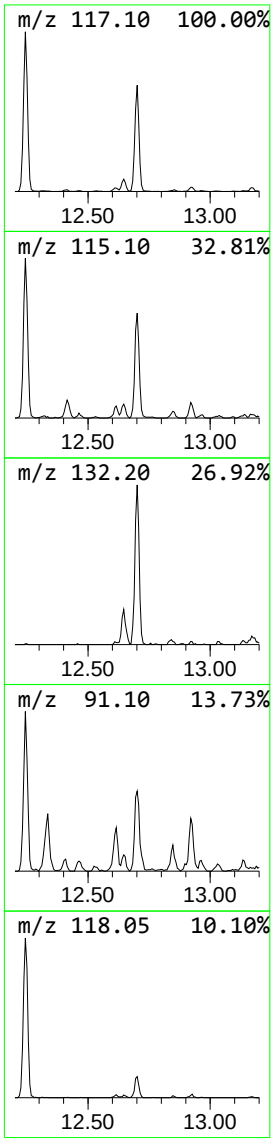
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	10.62 ug/l	195477	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	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





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Operator : JC/MD
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

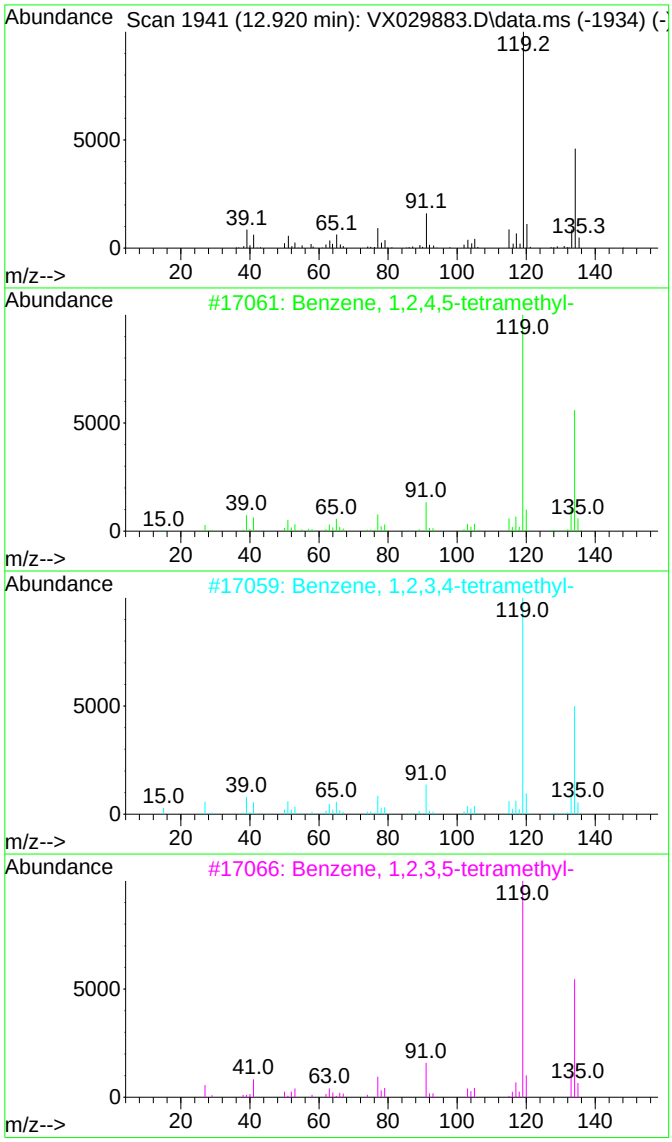
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

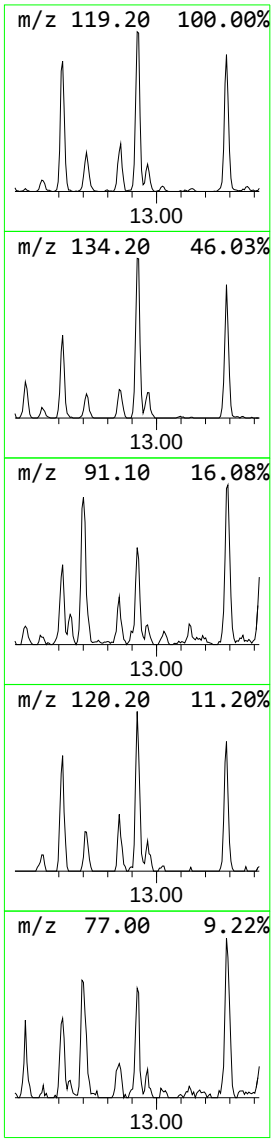
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	5.72 ug/l	105286	1,4-Dichlorobenzene-d4	12.024

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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

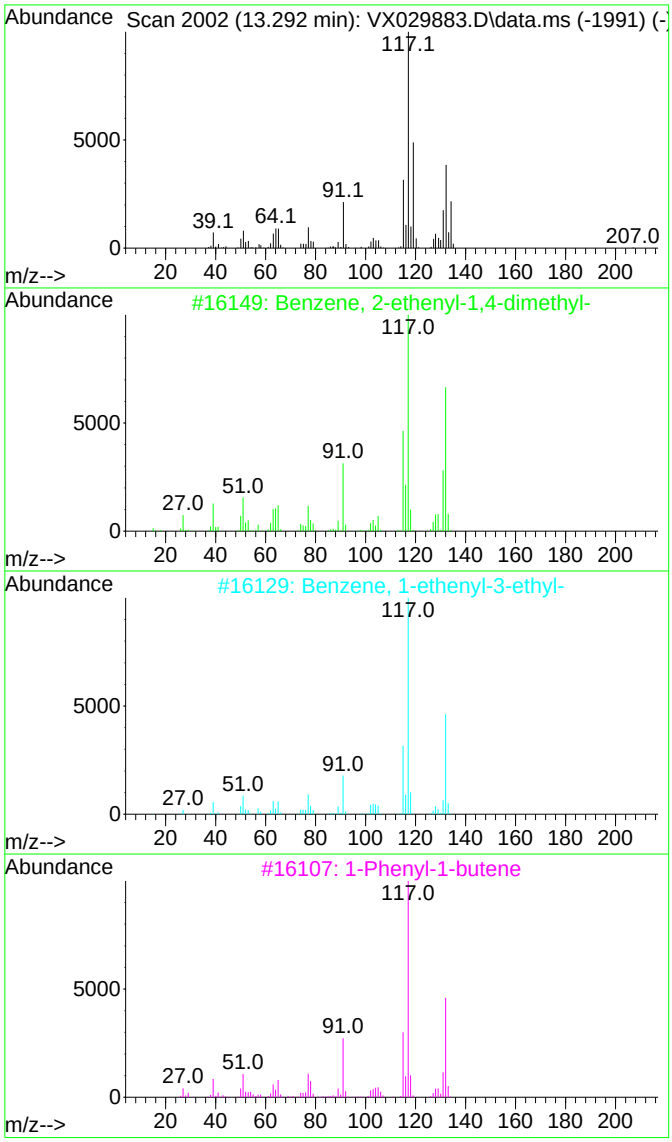
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

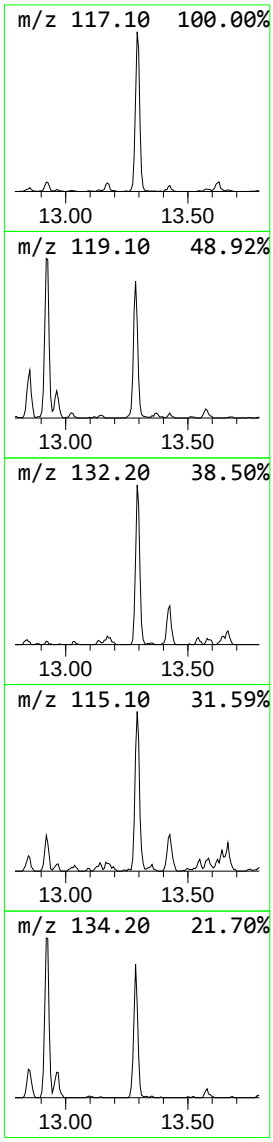
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	11.78 ug/l	216850	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	89
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	78





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Data File : VX029883.D
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Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

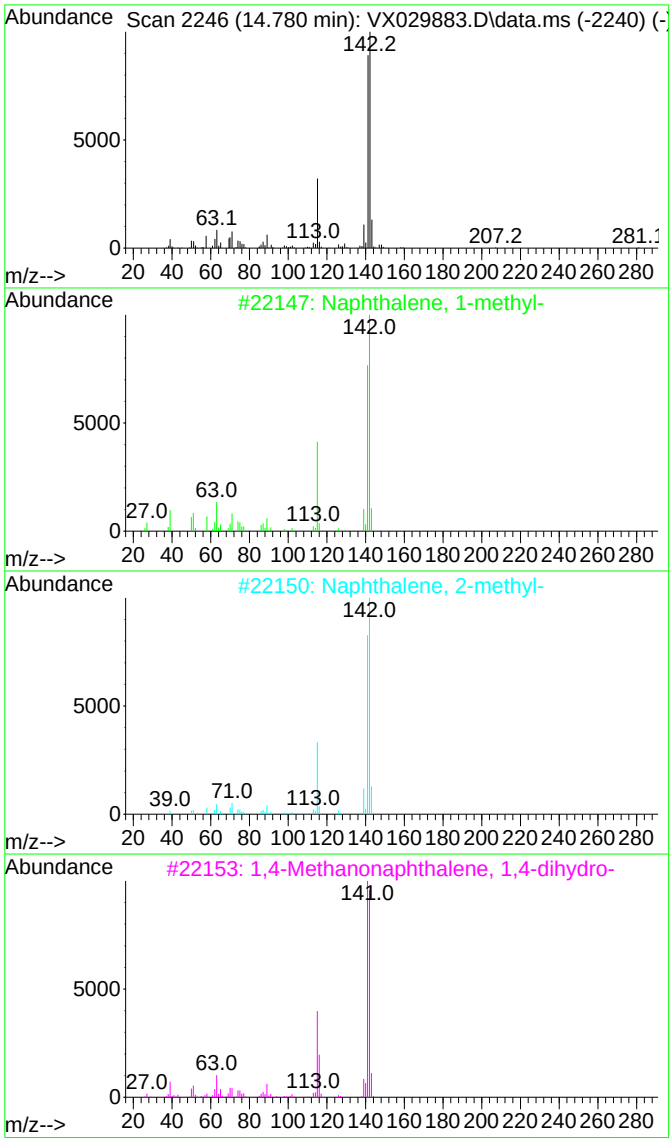
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260

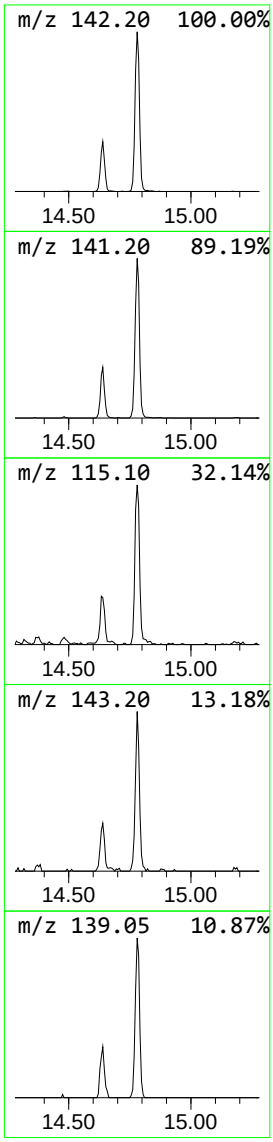
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	9.93 ug/l	182733	1,4-Dichlorobenzene-d4	12.024

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	Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029883.D
Acq On : 30 Jun 2022 00:57
Operator : JC/MD
Sample : N3481-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.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
Cyclopentane, m...	4.312	7.6	ug/l	100558	1	5.556	662894	50.0
Benzene, 1-ethy...	11.616	5.8	ug/l	105810	4	12.024	920159	50.0
Benzene, 1,2,3-...	12.085	10.6	ug/l	194177	4	12.024	920159	50.0
Indane	12.244	16.2	ug/l	297707	4	12.024	920159	50.0
Indan, 1-methyl-	12.701	10.6	ug/l	195477	4	12.024	920159	50.0
Benzene, 1,2,4,...	12.920	5.7	ug/l	105286	4	12.024	920159	50.0
Benzene, 2-ethe...	13.292	11.8	ug/l	216850	4	12.024	920159	50.0
Naphthalene, 1-...	14.780	9.9	ug/l	182733	4	12.024	920159	50.0