LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

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\82X051921W.M
Title : SW846 8260

Signal : TIC: VX022157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	26	30	41	rBV	3023317	3348929	8.35%	1.198%
2	1.368	43	46	54	rVV	8412121	10649660	26.55%	3.810%
3	1.429	54	56	64	rVB	390967	447961	1.12%	0.160%
4	1.746	103	108	124	rVB	9242809	13243880	33.02%	4.738%
5	1.910	129	135	138	rBV	722010	980670	2.44%	0.351%
6	1.953	138	142	155	rVB2	3294264	5962622	14.86%	2.133%
7	2.069	156	161	169	rBV	2675360	3590652	8.95%	1.285%
8	2.166	171	177	181	rVV	1397656	2065106	5.15%	0.739%
9	2.215	181	185	197	rVB	2716989	4032722	10.05%	1.443%
10	2.782	258	278	281	rBV3	690046	2456210	6.12%	0.879%
11	2.825	281	285	289	rVV	1535981	3246624	8.09%	1.162%
12	2.867	289	292	307	rVB2	1402151	3226799	8.04%	1.154%
13	3.105	319	331	347	rVB	1130091	2555719	6.37%	0.914%
14	3.325	357	367	378	rBV3	331720	824316	2.05%	0.295%
15	3.447	378	387	400	rVB	538407	1194897	2.98%	0.428%
16	3.587	400	410	417	rBV	264699	688999	1.72%	0.247%
17	3.672	417	424	429	rBV	348873	814532	2.03%	0.291%
18	3.733	429	434	444	rVB	562656	1322201	3.30%	0.473%
19	3.843	444	452	458	rBV	391561	1007715	2.51%	0.361%
20	3.910	458	463	467	rBV	185922	422064	1.05%	0.151%
21	4.105	486	495	505	rBV	393725	1021876	2.55%	0.366%
22	4.221	505	514	519	rVV	153410	433529	1.08%	0.155%
23	4.312	519	529	540	rVV	1455219	4161246	10.37%	1.489%
24	5.202	664	675	690	rVB	335923	1066652	2.66%	0.382%
25	5.495	712	723	733	rVV4	267746	1278527	3.19%	0.457%
26	5.629	737	745	766	rVB3	387380	1443229	3.60%	0.516%
27	5.836	766	779	792	rBV2	230293	683003	1.70%	0.244%
28	6.050	805	814	824	rVV	935420	2380745	5.94%	0.852%
29	6.257	824	848	858	rVV3	890143	3857422	9.62%	1.380%
30	6.373	858	867	876	rVB3	153002	455385	1.14%	0.163%
31	6.848	936	945	954	rVB3	299309	1056663	2.63%	0.378%
32	7.184	990	1000	1009	rBV3	189468	453769	1.13%	0.162%
33	7.385	1020	1033	1042	rBV4	451064	1290668	3.22%	0.462%
34	7.988	1122	1132	1144	rVB	395215	828977	2.07%	0.297%
35	8.110	1144	1152	1156	rBV	374868	822871	2.05%	0.294%
36	8.147	1156	1158	1162	rVV	293146	424138	1.06%	0.152%

LSC Area Percent Report

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Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

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\82X051921W.M
Title : SW846 8260

37	8.507	1211	1217	1224	rVB	328543	548228	1.37%	0.196%
38	8.653	1237	1241	1247	rVB	322495	512928	1.28%	0.184%
39	8.720	1247	1252	1259	rBV	292818	485350	1.21%	0.174%
40	10.061	1461	1472	1476	rBV2	278708	486809	1.21%	0.174%
41	10.208	1489	1496	1501	rBV	20243079	30921019	77.08%	11.063%
42	10.323	1507	1515	1520	rBV	25303625	40113257	100.00%	14.352%
43	10.646	1562	1568	1578	rVB	546411	707185	1.76%	0.253%
44	10.970	1613	1621	1628	rBV	1676652	2174786	5.42%	0.778%
45	11.311	1668	1677	1683	rBV	2838105	3632670	9.06%	1.300%
46	11.390	1683	1690	1691	rVV	6435382	9067982	22.61%	3.244%
47	11.409	1691	1693	1697	rVV	6141542	6402241	15.96%	2.291%
48	11.457	1697	1701	1712	rVB	8269405	11051542	27.55%	3.954%
49	11.616	1722	1727	1734	rBV	5980215	7941143	19.80%	2.841%
50	11.768	1745	1752	1757	rVB	21917611	31232666	77.86%	11.174%
51	12.024	1790	1794	1800	rVB3	361010	511357	1.27%	0.183%
52	12.091	1800	1805	1810	rBV	6184909	8134638	20.28%	2.910%
53	12.250	1823	1831	1838	rBV2	4677635	7361203	18.35%	2.634%
54	12.323	1838	1843	1849	rVV2	2291042	3133353	7.81%	1.121%
55	12.469	1862	1867	1872	rVB	428316	560873	1.40%	0.201%
56	12.536	1872	1878	1880	rBV	1443177	1930129	4.81%	0.691%
57	12.561	1880	1882	1887	rVV	1292676	1343152	3.35%	0.481%
58	12.616	1887	1891	1895	rVV	2005378	2530478	6.31%	0.905%
59	12.701	1900	1905	1913	rVV2	1202932	1731087	4.32%	0.619%
60	12.853	1925	1930	1935	rVB	565441	704063	1.76%	0.252%
61	12.927	1935	1942	1945	rBV	1567737	1936467	4.83%	0.693%
62	12.969	1945	1949	1953	rVB	2096884	2565727	6.40%	0.918%
63	13.170	1978	1982	1987	rVB	1284364	1461528	3.64%	0.523%
64	13.292	1998	2002	2008	rVB2	2350478	3310320	8.25%	1.184%
65	13.426	2019	2024	2030	rVB2	343427	469220	1.17%	0.168%
66	13.585	2047	2050	2056	rVB4	280856	491458	1.23%	0.176%
67	13.780	2075	2082	2088	rBV	6792204	8991321	22.41%	3.217%
68	14.640	2218	2223	2229	rVB	1873342	2263930	5.64%	0.810%
69	14.780	2241	2246	2251	rBV	816312	1055097	2.63%	0.377%

Sum of corrected areas: 279504185

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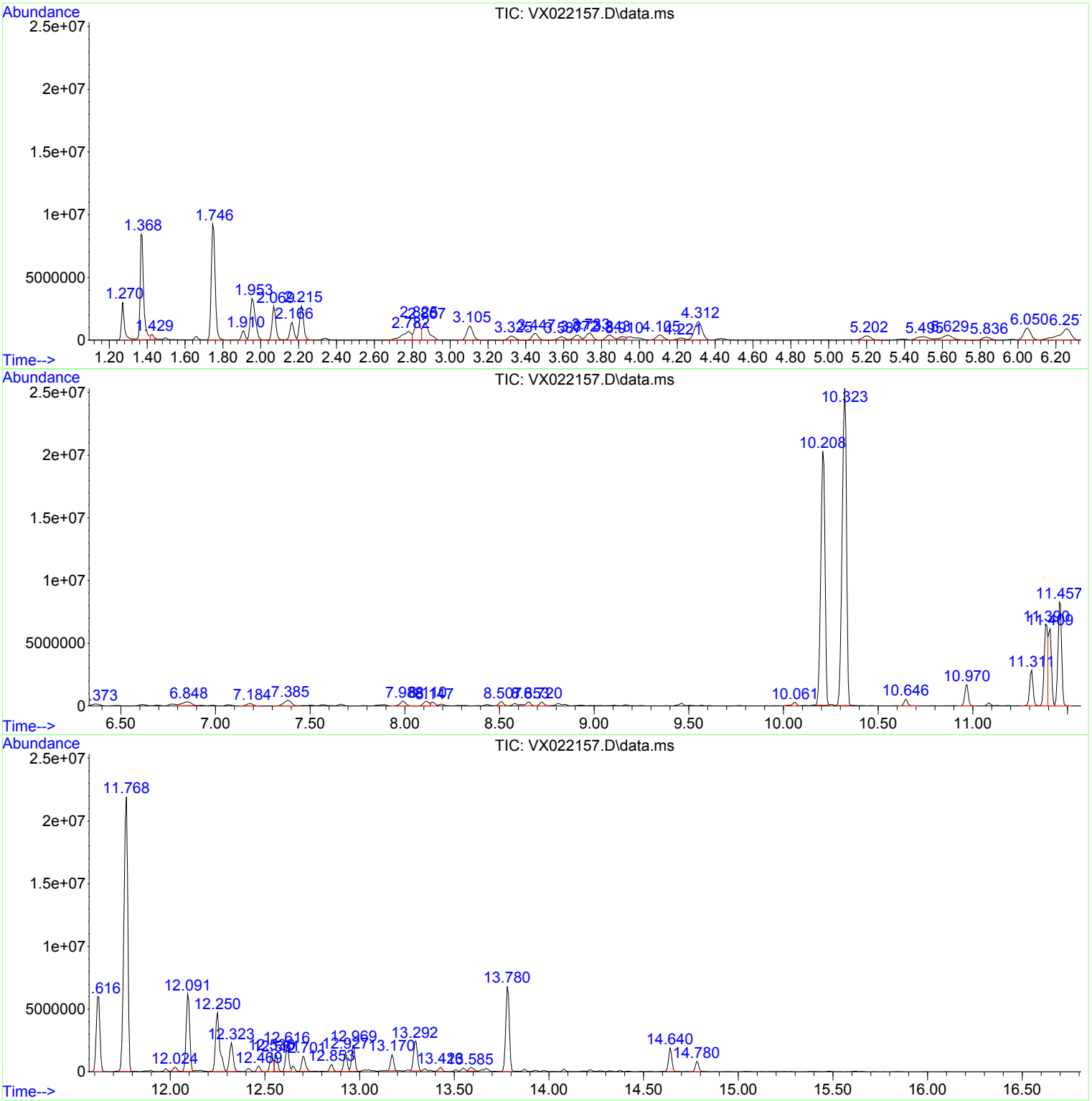
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
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Operator : JC/MD
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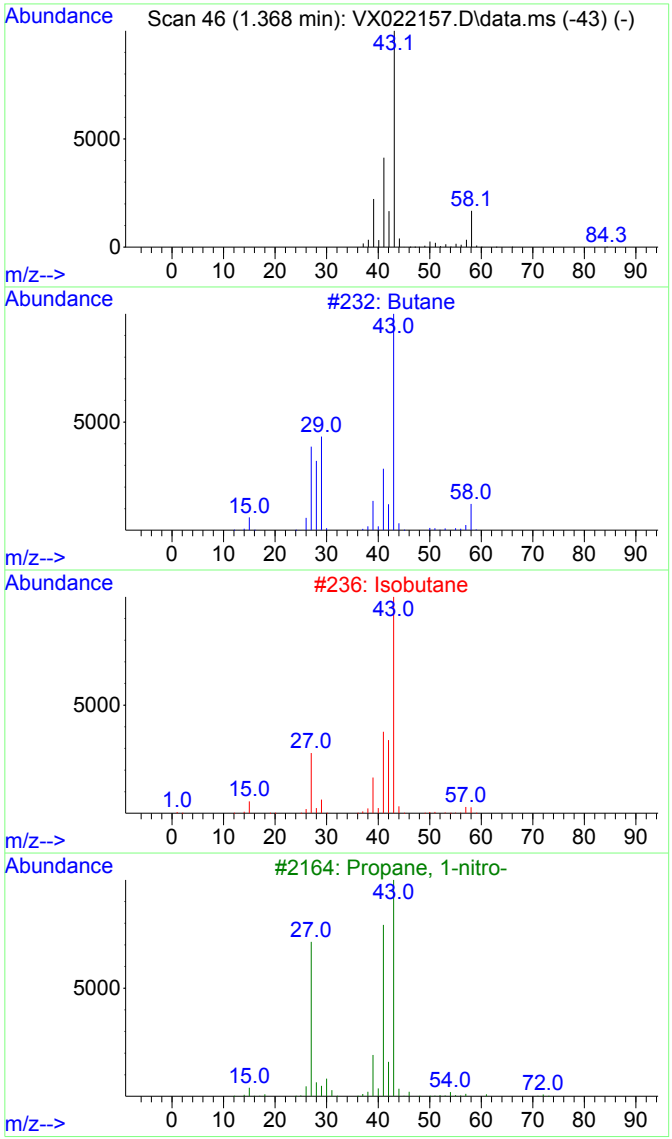
Quant Title : SW846 8260

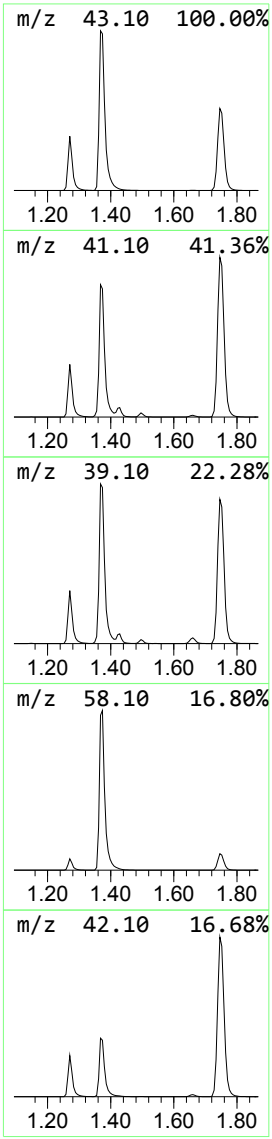
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.368	368.95 ug/l	10649700	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	72
2	Isobutane	58	C4H10	000075-28-5	9
3	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
4	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5
5	Acetone	58	C3H6O	000067-64-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

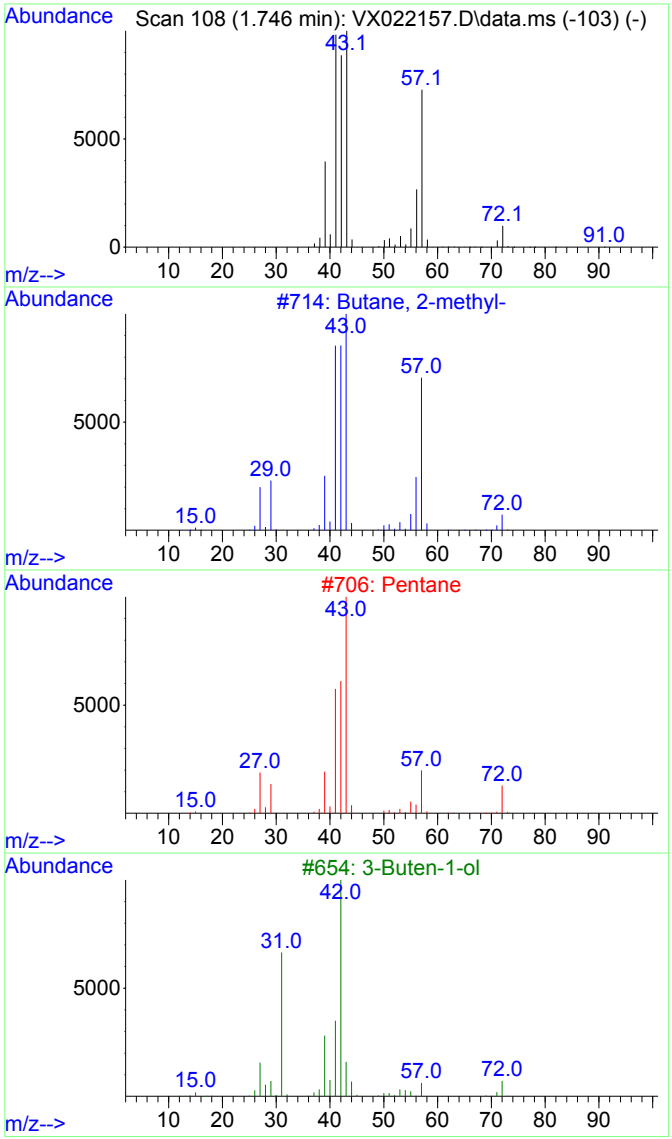
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

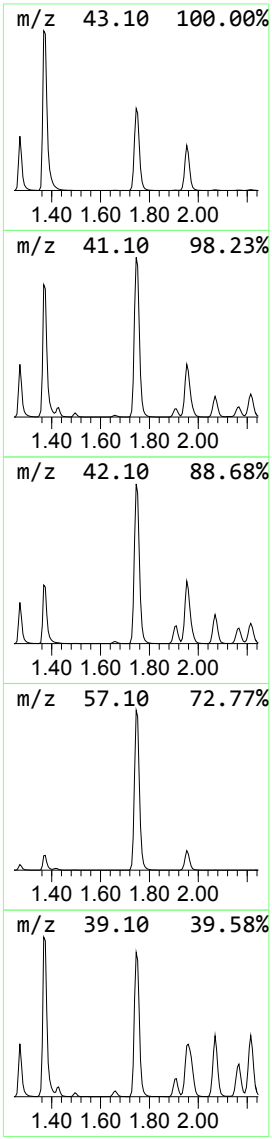
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	458.83 ug/l	13243900	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Pentane	72	C5H12	000109-66-0	38
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	27
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

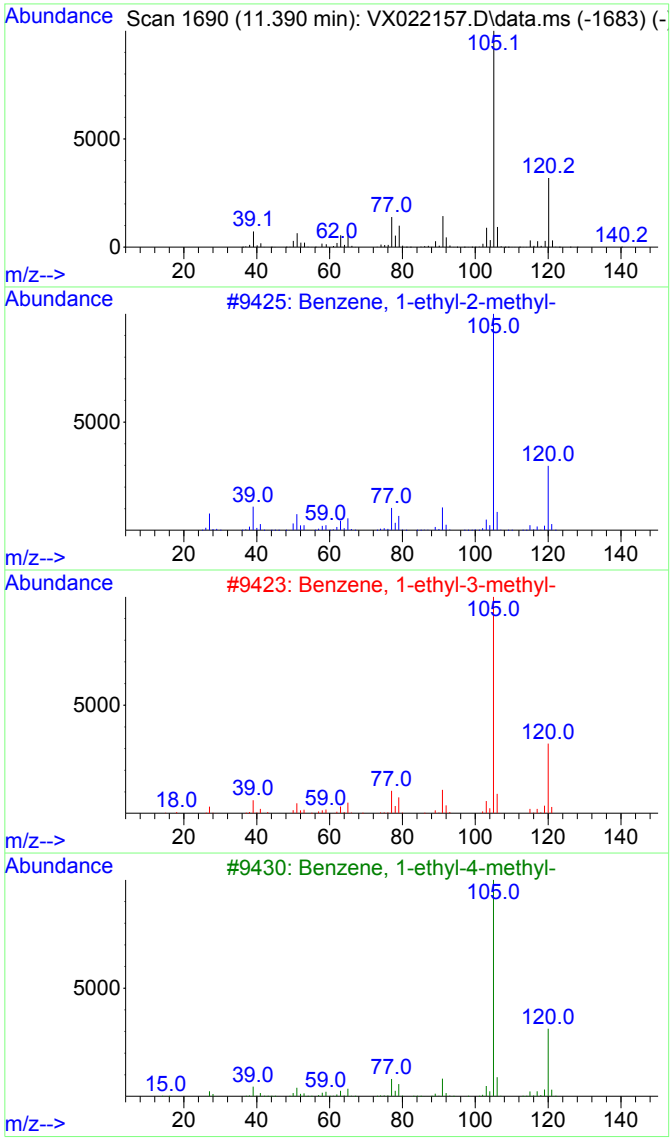
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

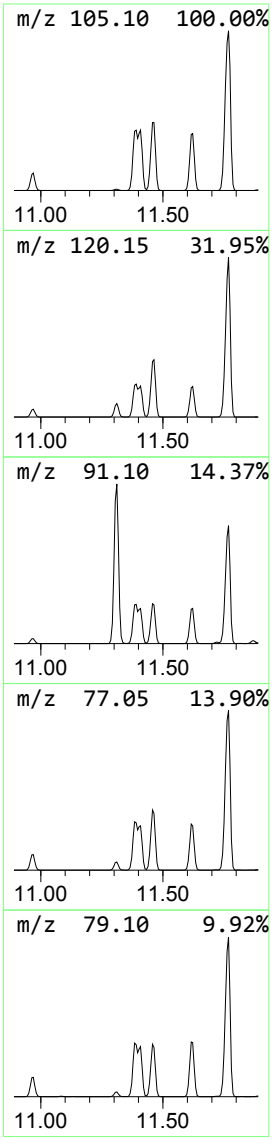
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	886.66 ug/l	9067980	1,4-Dichlorobenzene-d4	12.030

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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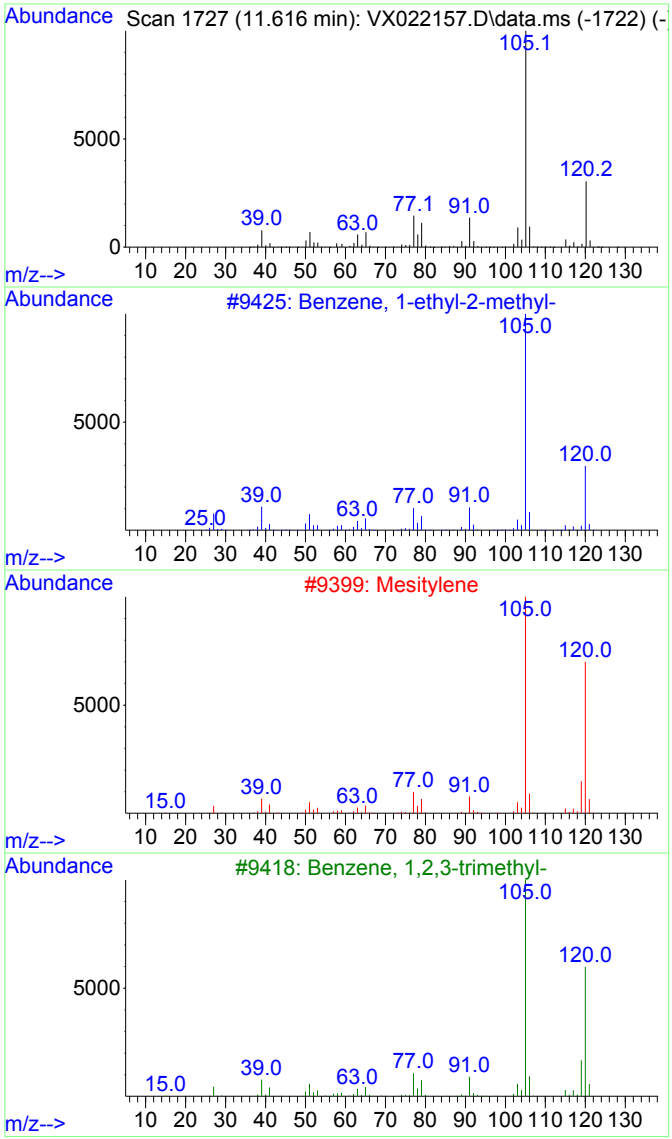
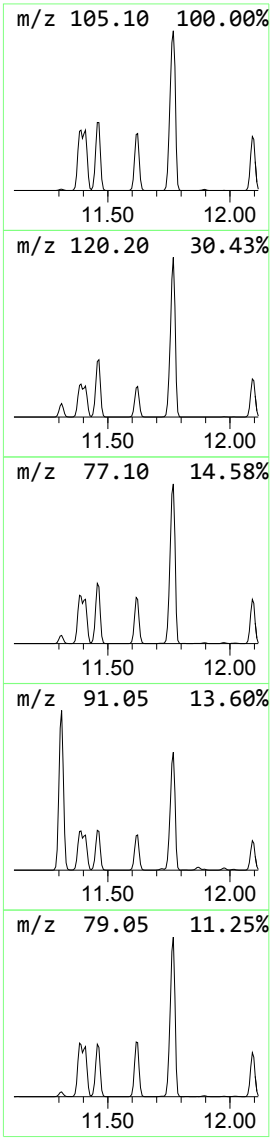
****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	776.48 ug/l	7941140	1,4-Dichlorobenzene-d4	12.030

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
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Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

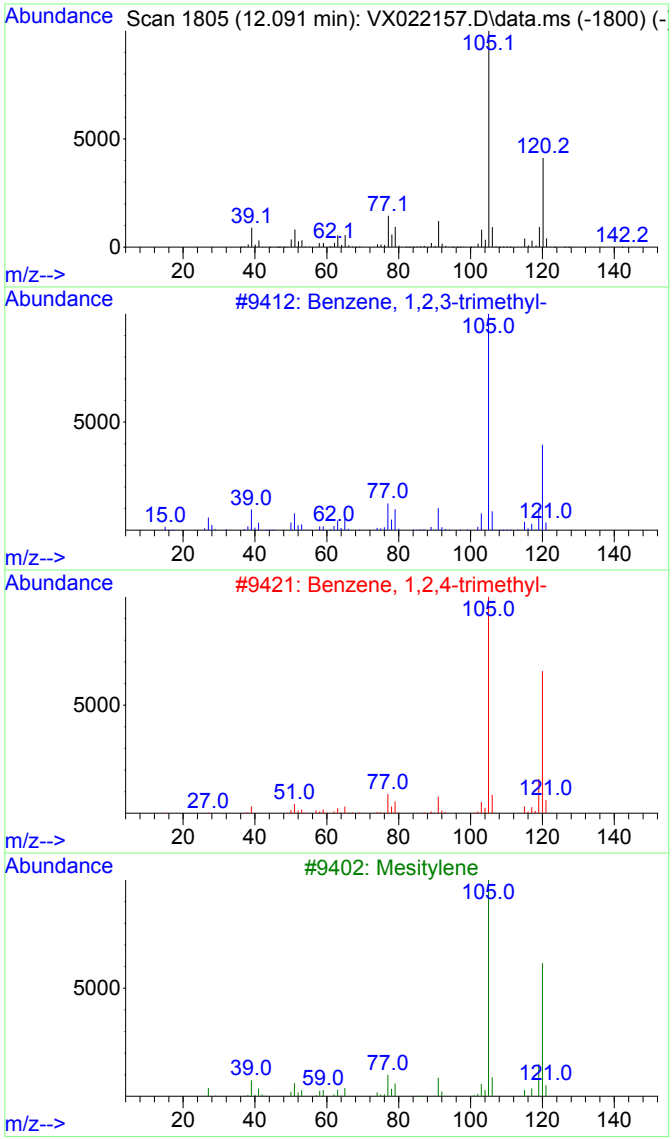
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

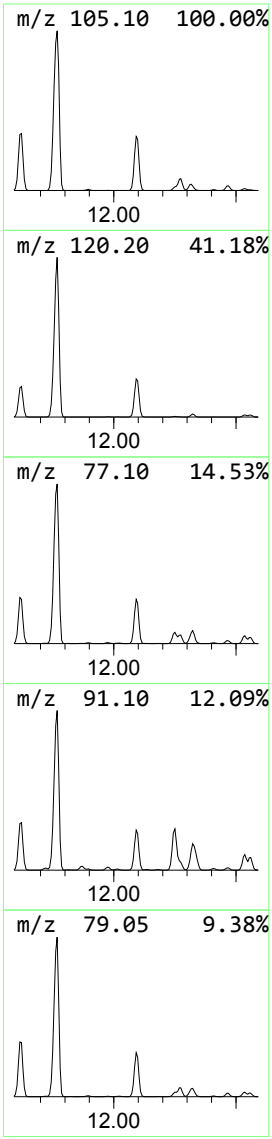
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	795.40 ug/l	8134640	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

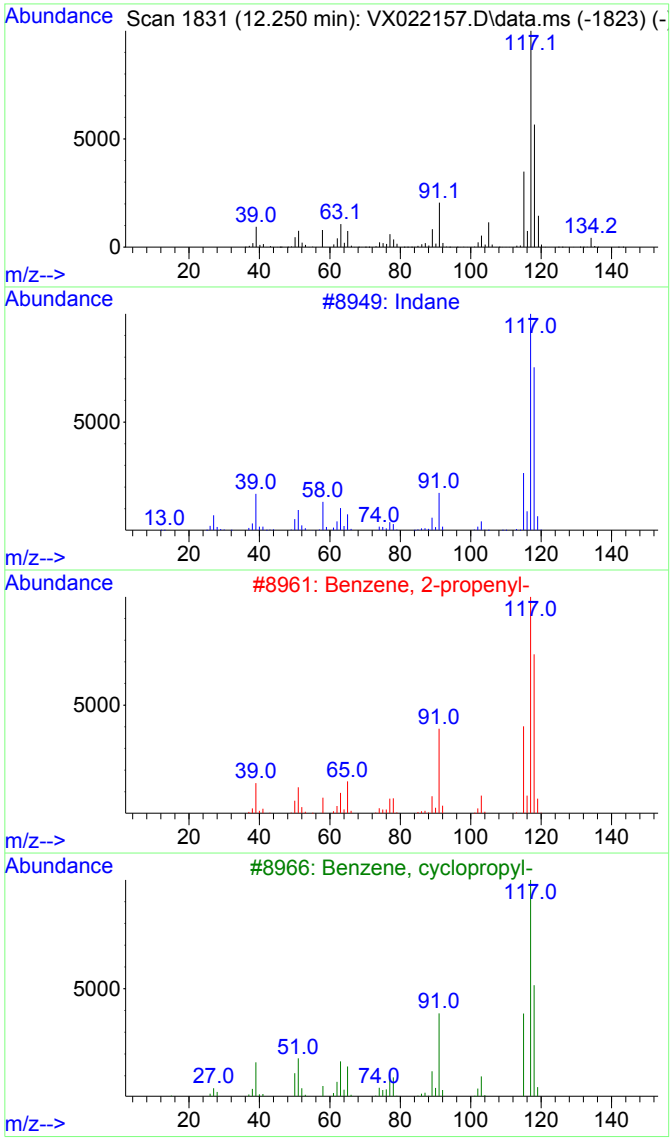
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

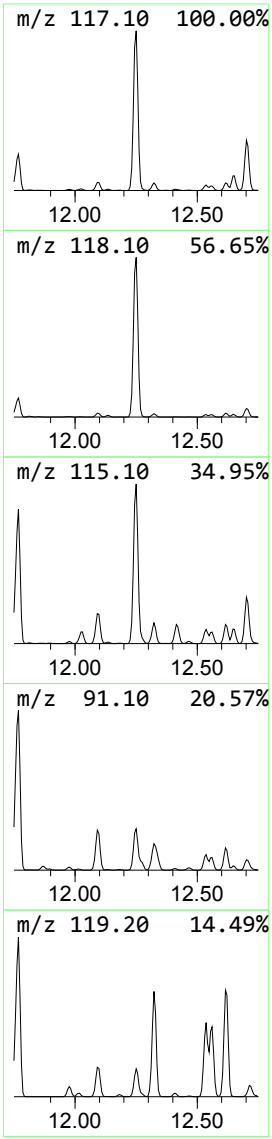
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	719.77 ug/l	7361200	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Deltacyclene	118	C9H10	007785-10-6	52
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

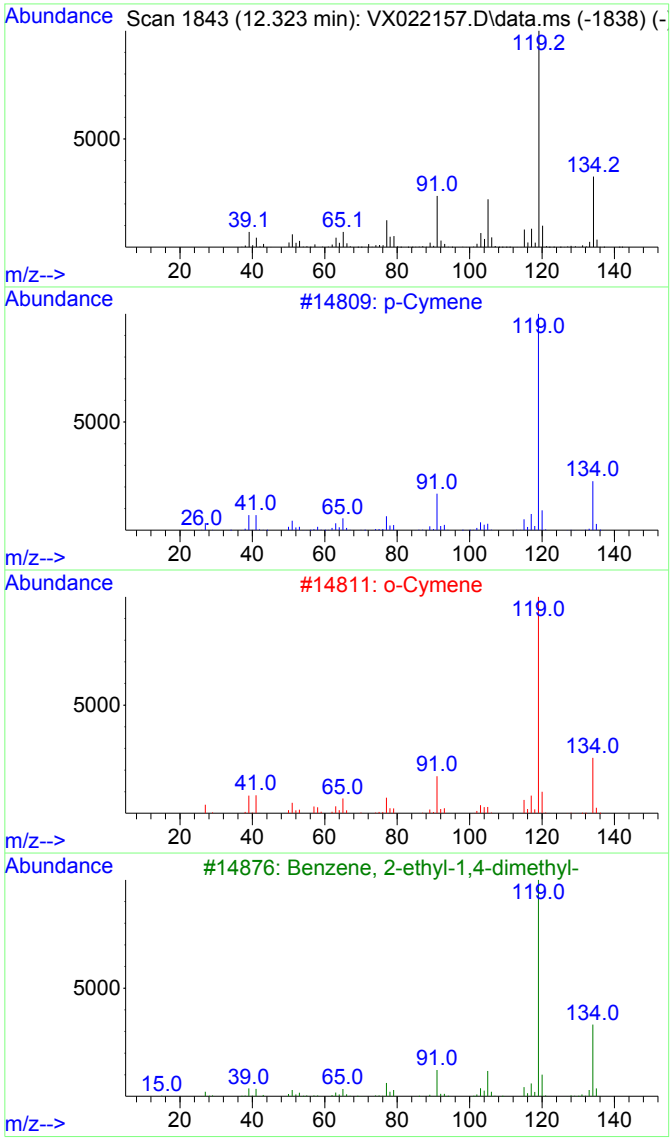
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

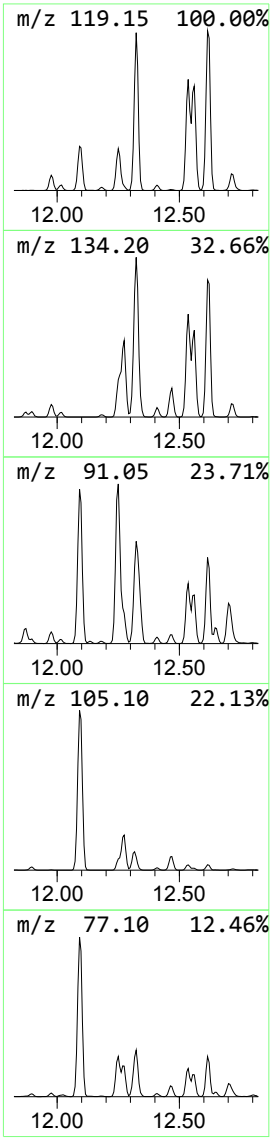
****

Peak Number 7 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.323	306.38 ug/l	3133350	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

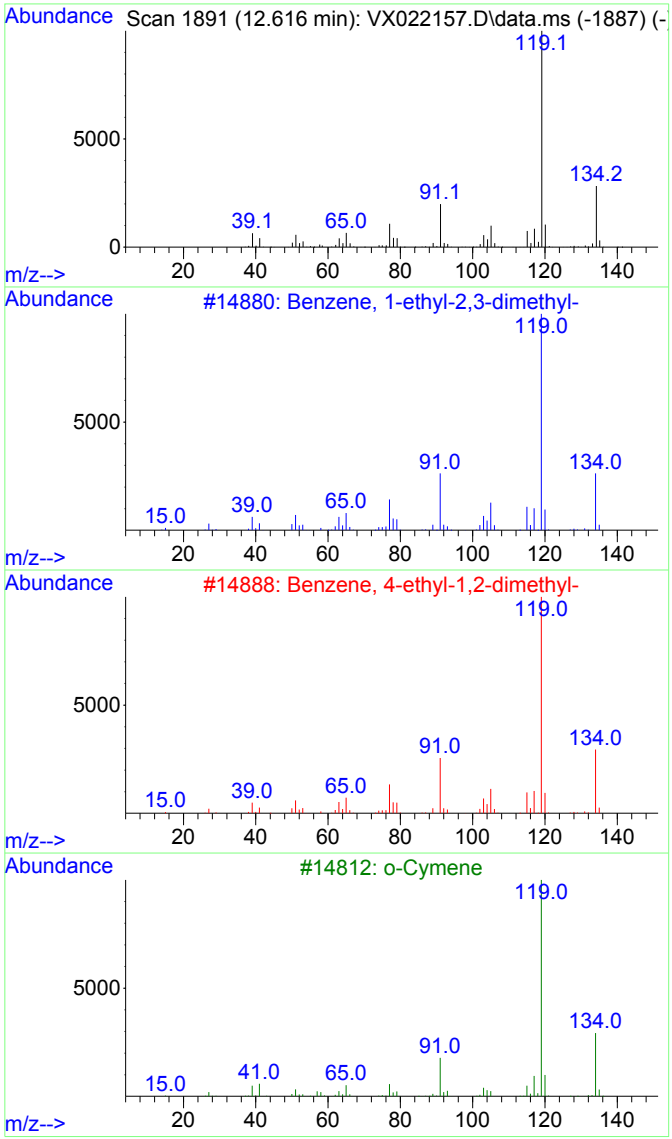
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

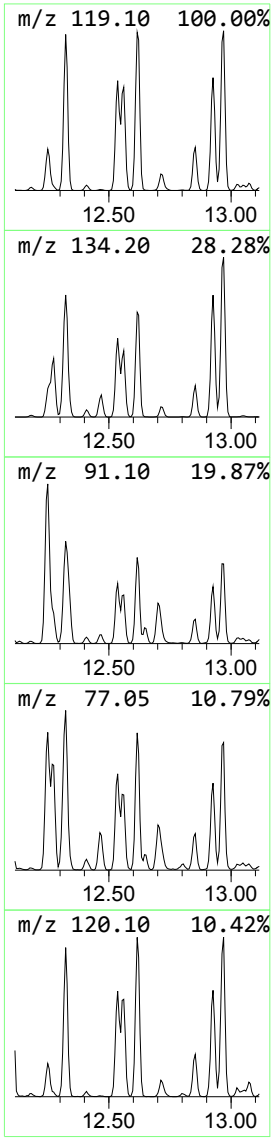
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	247.43 ug/l	2530480	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

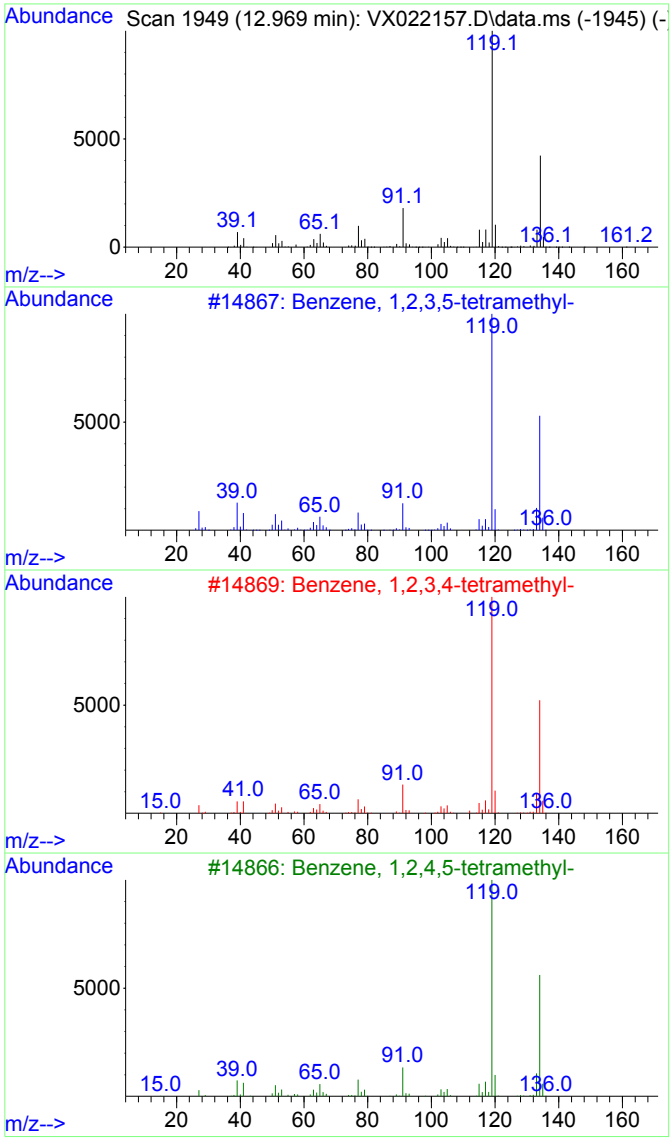
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

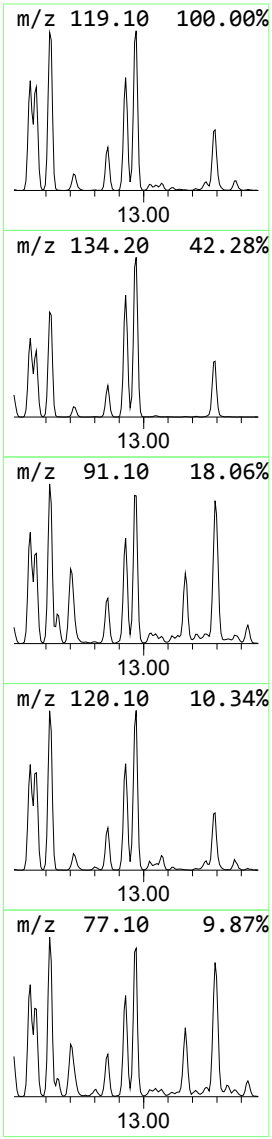
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	250.87 ug/l	2565730	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-103

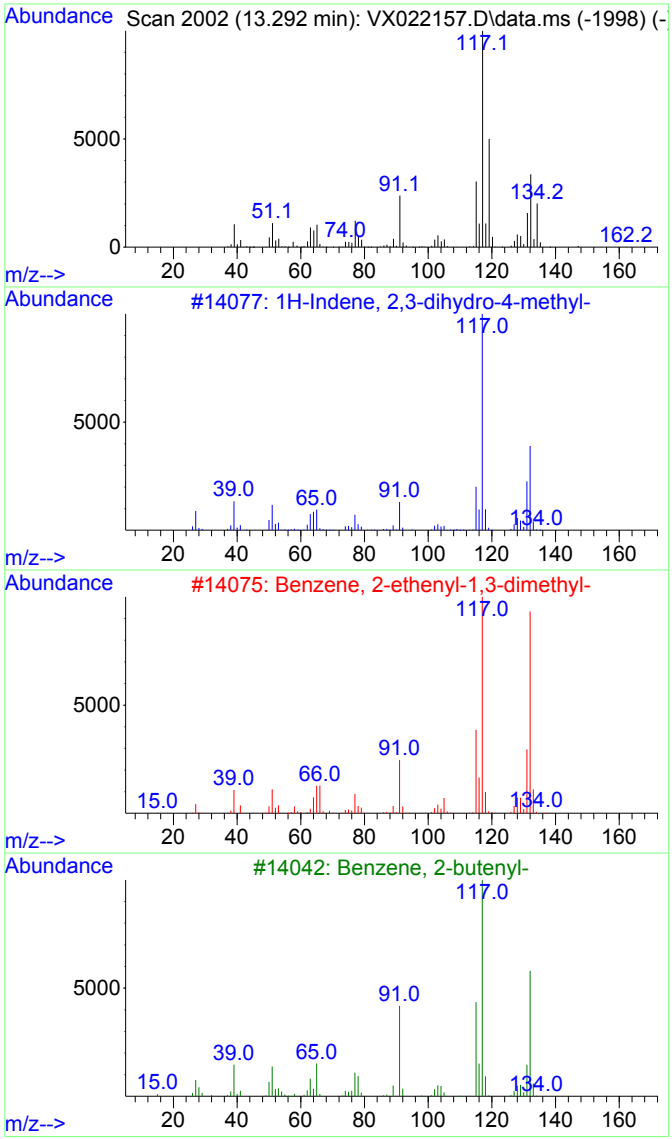
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

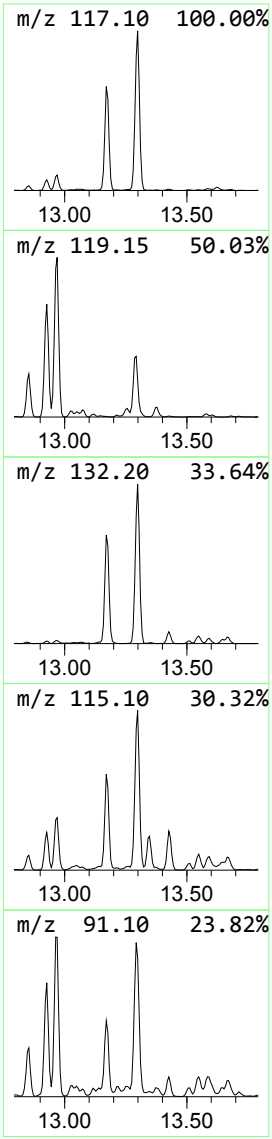
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	323.68 ug/l	3310320	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
Data File : VX022157.D
Acq On : 24 May 2021 18:57
Operator : JC/MD
Sample : M2504-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	1.368	368.9	ug/l	10649700	1	5.562	1443230	50.0
Butane, 2-methyl-	1.746	458.8	ug/l	13243900	1	5.562	1443230	50.0
Benzene, 1-ethy...	11.390	886.7	ug/l	9067980	4	12.030	511357	50.0
Benzene, 1,2,3-...	11.616	776.5	ug/l	7941140	4	12.030	511357	50.0
Benzene, 1-ethy...	12.091	795.4	ug/l	8134640	4	12.030	511357	50.0
Indane	12.250	719.8	ug/l	7361200	4	12.030	511357	50.0
o-Cymene	12.323	306.4	ug/l	3133350	4	12.030	511357	50.0
Benzene, 1-ethy...	12.616	247.4	ug/l	2530480	4	12.030	511357	50.0
Benzene, 1,2,3,...	12.969	250.9	ug/l	2565730	4	12.030	511357	50.0
1H-Indene, 2,3-...	13.292	323.7	ug/l	3310320	4	12.030	511357	50.0