LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

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\82X091922W.M
Title : SW846 8260

Signal : TIC: VX031585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.630	79	89	90	rBV6	2937	6937	1.09%	0.121%
2	2.947	298	305	310	rBV	2812	6681	1.05%	0.116%
3	5.391	695	706	719	rBV	74124	213589	33.45%	3.724%
4	5.550	719	732	745	rVV	74041	209027	32.73%	3.644%
5	5.958	788	799	814	rBV	81551	214329	33.56%	3.737%
6	6.763	921	931	946	rBV	115654	271016	42.44%	4.725%
7	7.373	1023	1031	1040	rVB5	5974	14026	2.20%	0.245%
8	8.110	1145	1152	1156	rBV3	3839	7462	1.17%	0.130%
9	8.433	1200	1205	1210	rBV2	9088	15701	2.46%	0.274%
10	8.598	1225	1232	1235	rBV4	6333	11489	1.80%	0.200%
11	8.647	1235	1240	1249	rVB	407900	638623	100.00%	11.134%
12	8.958	1286	1291	1300	rVB	35160	59024	9.24%	1.029%
13	9.049	1300	1306	1312	rBV	41368	63737	9.98%	1.111%
14	9.104	1312	1315	1320	rVB2	5306	7558	1.18%	0.132%
15	9.458	1365	1373	1377	rBV3	3656	6735	1.05%	0.117%
16	9.506	1377	1381	1386	rVV5	3499	6455	1.01%	0.113%
17	9.616	1394	1399	1403	rBV3	10396	15563	2.44%	0.271%
18	10.055	1466	1471	1479	rBV	254338	339891	53.22%	5.926%
19	10.299	1504	1511	1517	rVB	49389	71495	11.20%	1.246%
20	10.585	1549	1558	1562	rBV5	4400	7555	1.18%	0.132%
21	10.640	1562	1567	1578	rVB	198651	252700	39.57%	4.406%
22	10.774	1578	1589	1595	rBV7	2655	7176	1.12%	0.125%
23	11.079	1634	1639	1645	rBV	353945	436430	68.34%	7.609%
24	11.378	1682	1688	1696	rBV	60648	99854	15.64%	1.741%
25	11.451	1696	1700	1709	rVB	90167	109240	17.11%	1.904%
26	11.610	1721	1726	1735	rBV	189039	238432	37.34%	4.157%
27	11.750	1745	1749	1756	rVB	90073	109316	17.12%	1.906%
28	11.969	1781	1785	1789	rBV	19703	22462	3.52%	0.392%
29	12.024	1789	1794	1799	rVV	268462	345900	54.16%	6.030%
30	12.085	1799	1804	1813	rVB	227846	275455	43.13%	4.802%
31	12.244	1824	1830	1832	rBV2	49733	67519	10.57%	1.177%
32	12.268	1832	1834	1838	rVV	42058	47214	7.39%	0.823%
33	12.317	1838	1842	1849	rVB2	83536	106197	16.63%	1.851%
34	12.402	1849	1856	1861	rBV3	13501	20193	3.16%	0.352%
35	12.463	1861	1866	1873	rVB	40187	48391	7.58%	0.844%
36	12.530	1873	1877	1879	rBV	29260	38551	6.04%	0.672%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

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\82X091922W.M
Title : SW846 8260

37	12.555	1879	1881	1886	rVB	40251	41910	6.56%	0.731%
38	12.616	1886	1891	1894	rBV	66843	84624	13.25%	1.475%
39	12.646	1894	1896	1900	rVB	13096	13475	2.11%	0.235%
40	12.701	1900	1905	1912	rBV2	85638	133013	20.83%	2.319%
41	12.847	1924	1929	1934	rVB	47577	58686	9.19%	1.023%
42	12.920	1934	1941	1945	rBV	85775	108689	17.02%	1.895%
43	12.963	1945	1948	1954	rVB	78512	90056	14.10%	1.570%
44	13.042	1954	1961	1964	rBV3	13614	28537	4.47%	0.498%
45	13.140	1973	1977	1978	rBV2	10576	12563	1.97%	0.219%
46	13.164	1978	1981	1985	rVV2	35680	48365	7.57%	0.843%
47	13.256	1992	1996	1997	rBV2	7858	9621	1.51%	0.168%
48	13.292	1997	2002	2007	rVB2	192257	250702	39.26%	4.371%
49	13.372	2012	2015	2019	rVV	7351	9765	1.53%	0.170%
50	13.420	2019	2023	2028	rVB	21949	29093	4.56%	0.507%
51	13.506	2031	2037	2040	rBV3	10249	14827	2.32%	0.258%
52	13.542	2040	2043	2046	rVV	21391	29641	4.64%	0.517%
53	13.585	2046	2050	2056	rVV3	32323	59415	9.30%	1.036%
54	13.640	2056	2059	2060	rVV	18097	20575	3.22%	0.359%
55	13.664	2060	2063	2069	rVB2	28254	41056	6.43%	0.716%
56	13.774	2075	2081	2089	rVB	30872	45666	7.15%	0.796%
57	13.865	2090	2096	2100	rVB2	9575	14617	2.29%	0.255%
58	13.926	2100	2106	2110	rBV5	8999	13690	2.14%	0.239%
59	13.969	2110	2113	2117	rVB	9745	11212	1.76%	0.195%
60	14.073	2126	2130	2137	rBV	9993	12870	2.02%	0.224%
61	14.213	2148	2153	2160	rBV	13199	21697	3.40%	0.378%
62	14.323	2167	2171	2175	rBV	6894	7803	1.22%	0.136%
63	14.371	2175	2179	2183	rVB2	7257	8557	1.34%	0.149%
64	14.597	2210	2216	2219	rBV	18014	23195	3.63%	0.404%
65	14.640	2219	2223	2234	rVB	25035	34624	5.42%	0.604%
66	14.780	2242	2246	2254	rVB2	29430	45443	7.12%	0.792%

Sum of corrected areas: 5735910

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Acq On : 22 Sep 2022 21:01
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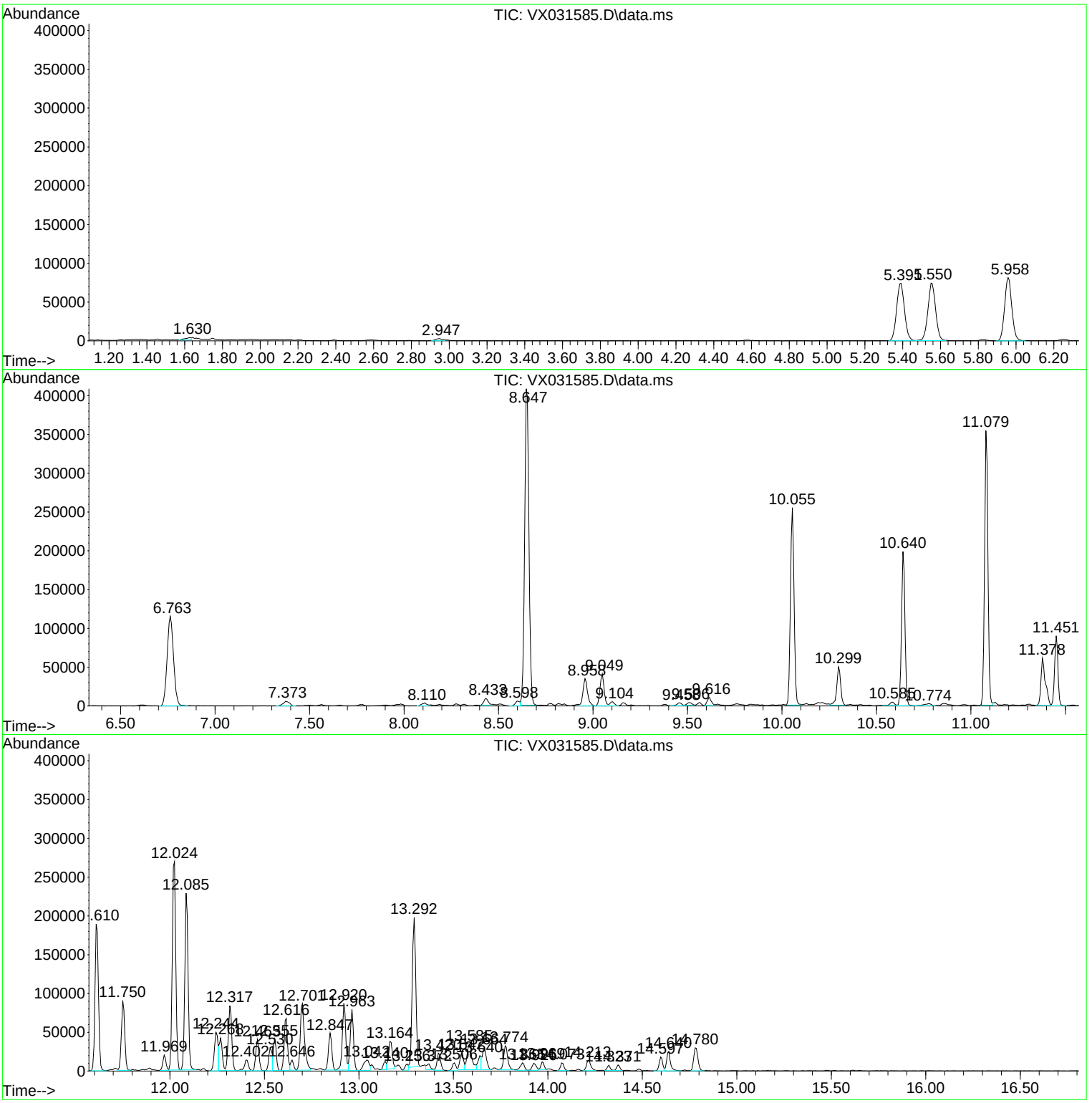
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
DUP091422

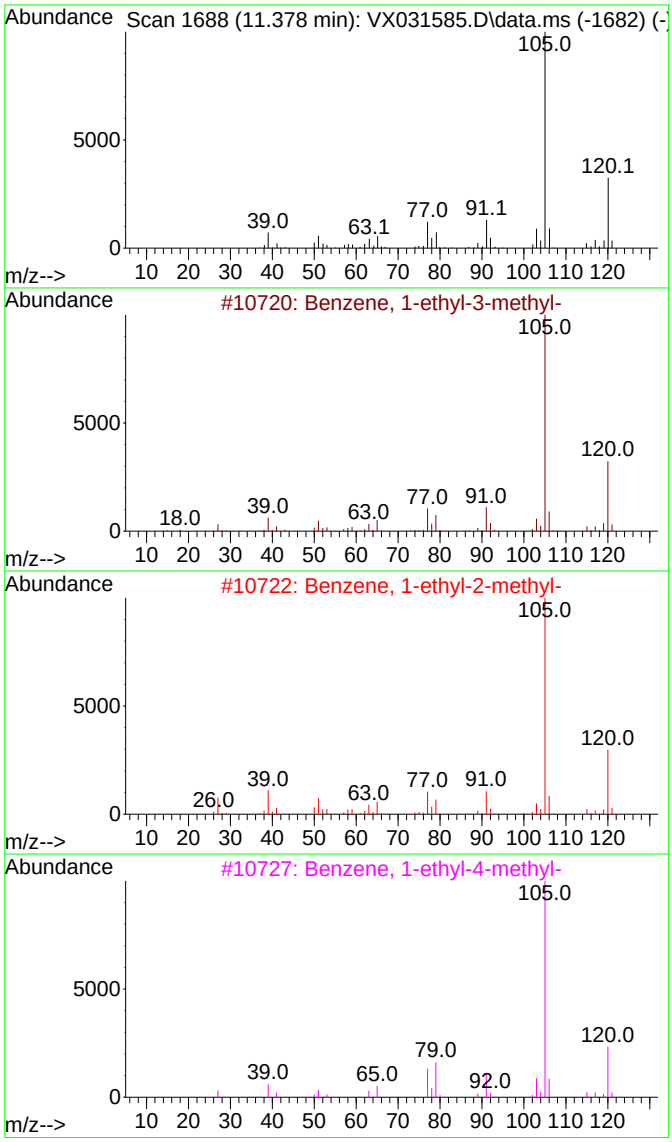
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

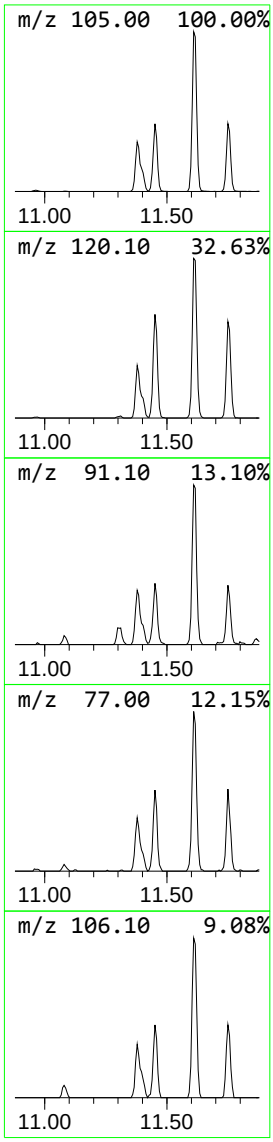
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	14.43 ug/l	99854	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
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_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

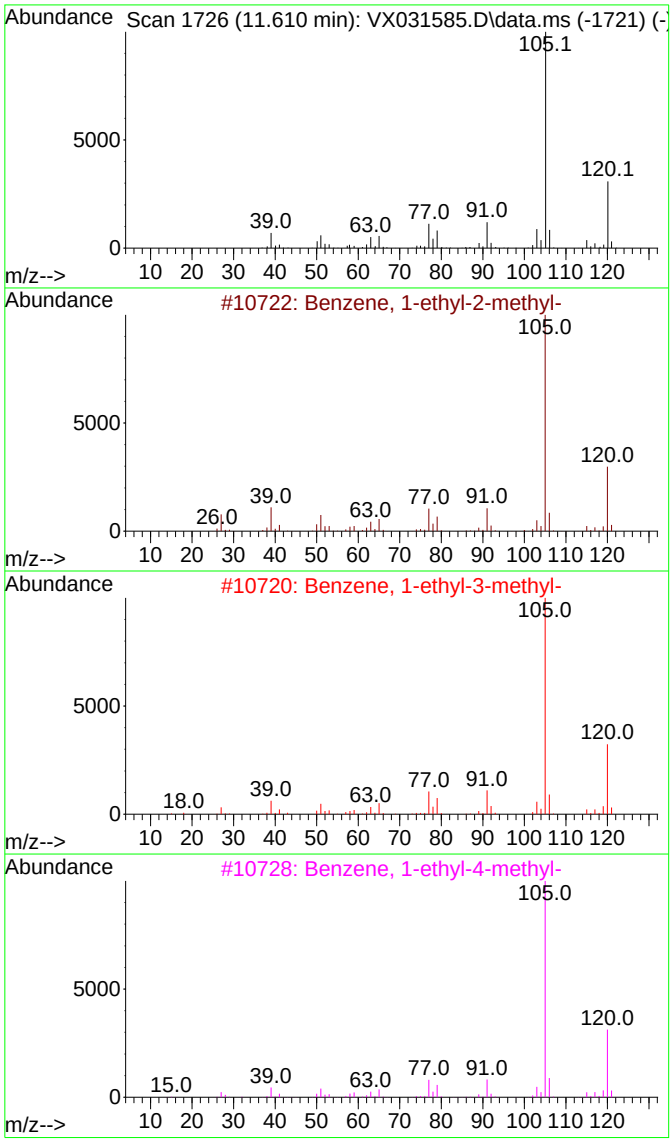
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

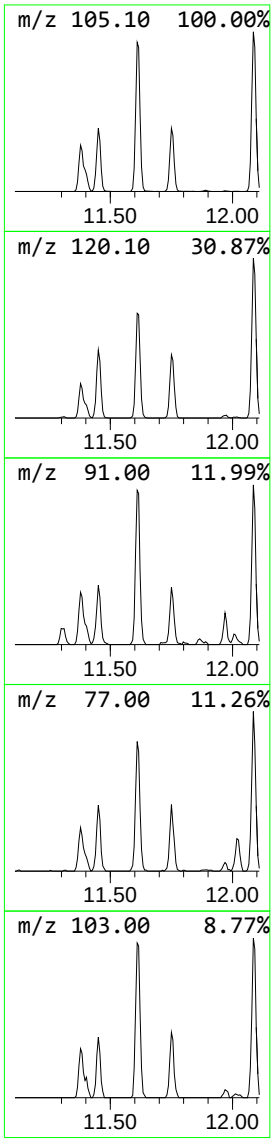
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	34.47 ug/l	238432	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-3-methyl-	120	C9H12	000620-14-4	91
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	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

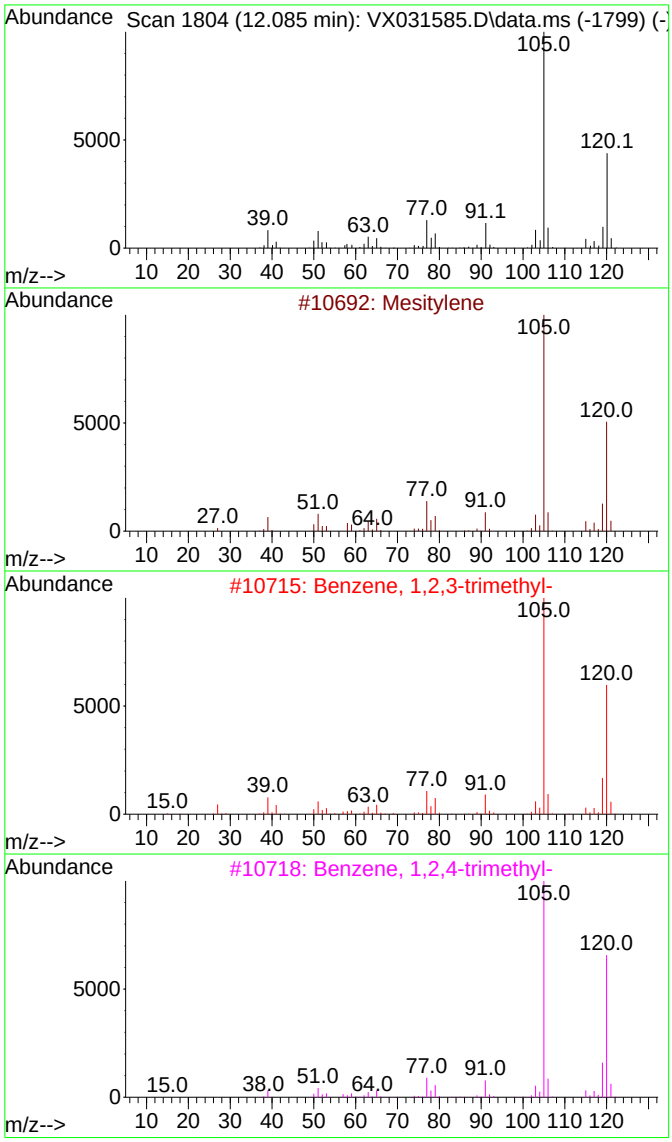
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

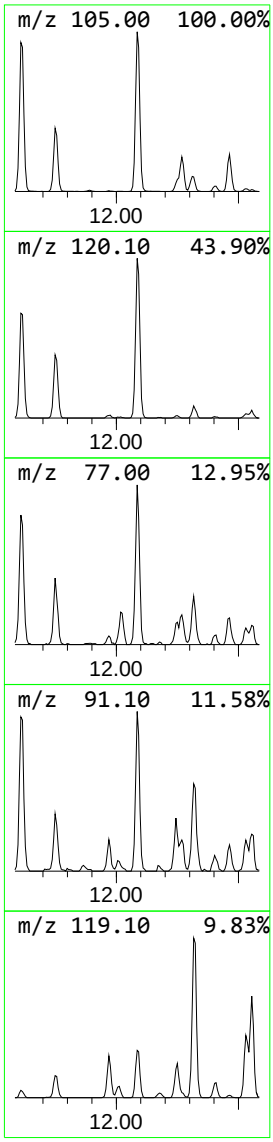
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	39.82 ug/l	275455	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

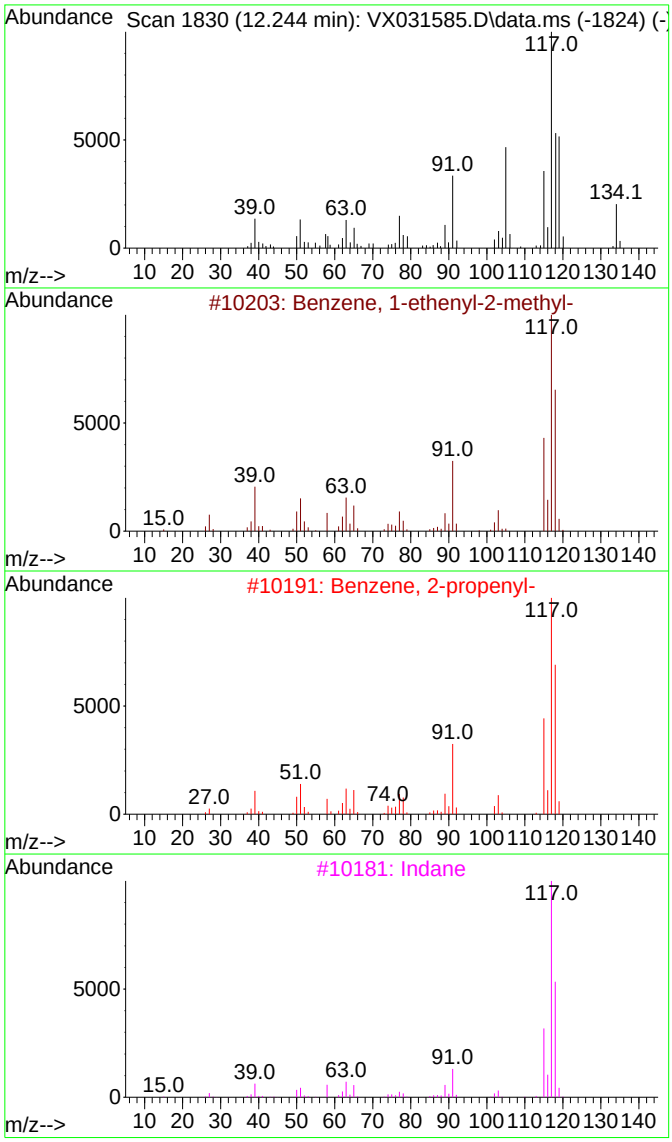
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

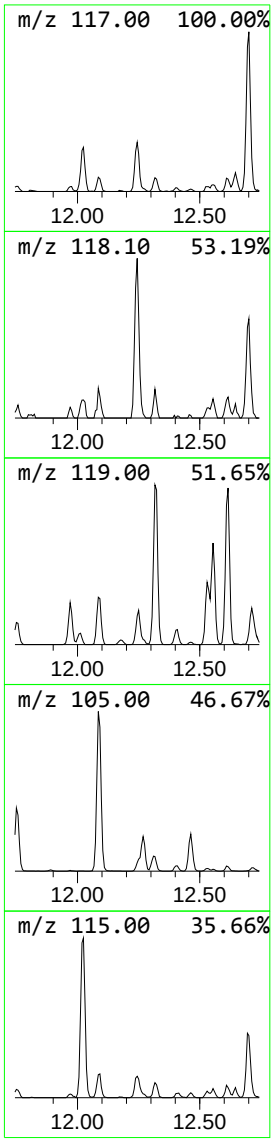
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	9.76 ug/l	67519	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

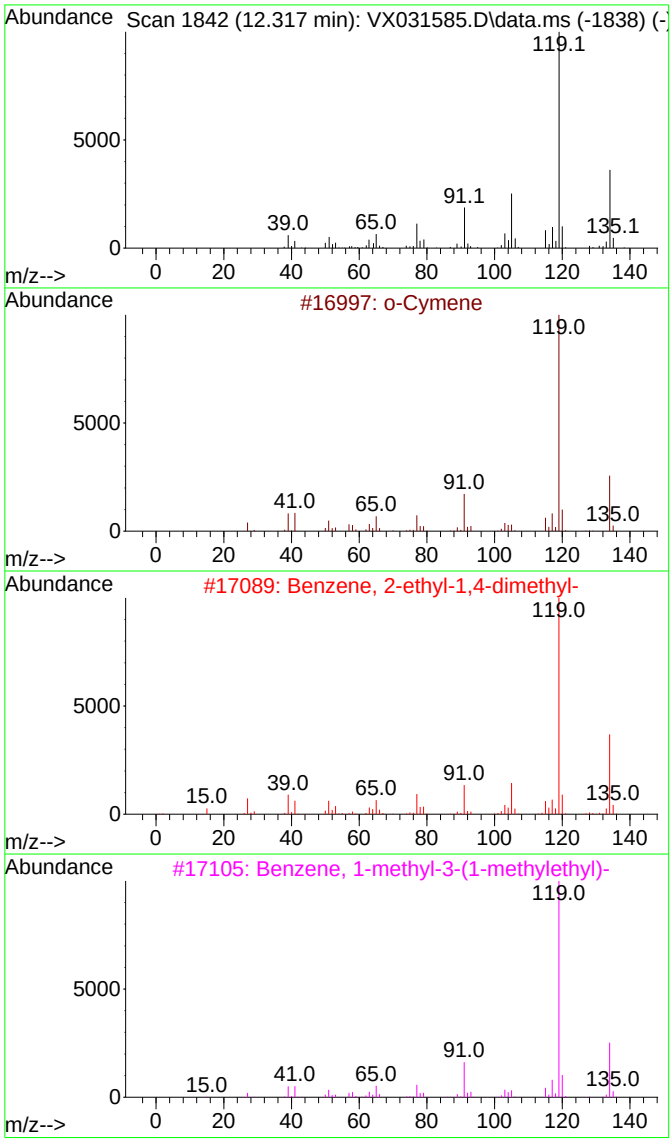
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

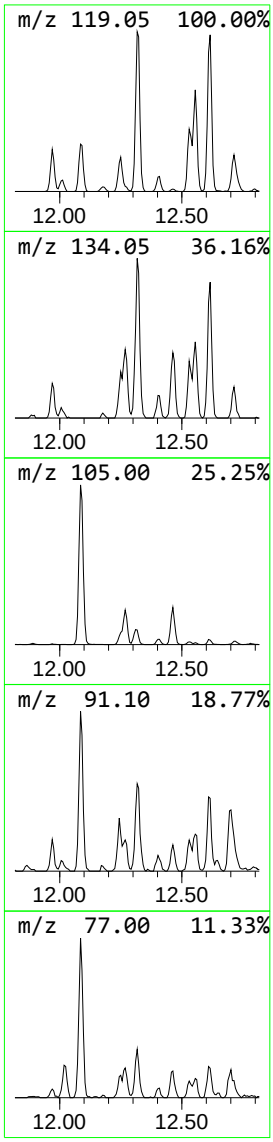
****

Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	15.35 ug/l	106197	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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





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Data File : VX031585.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

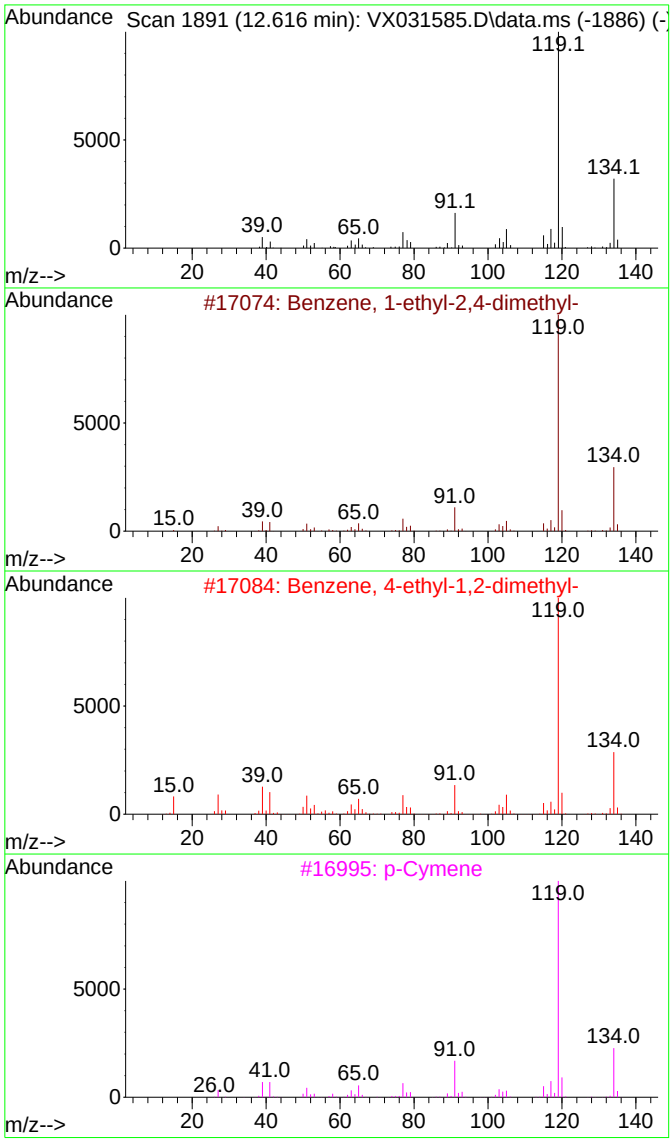
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

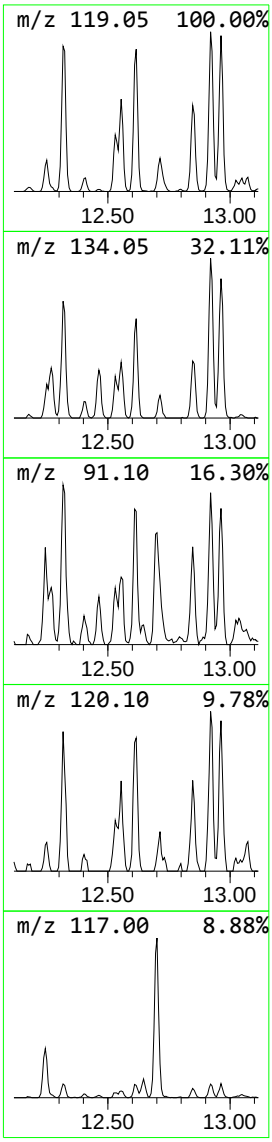
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	12.23 ug/l	84624	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

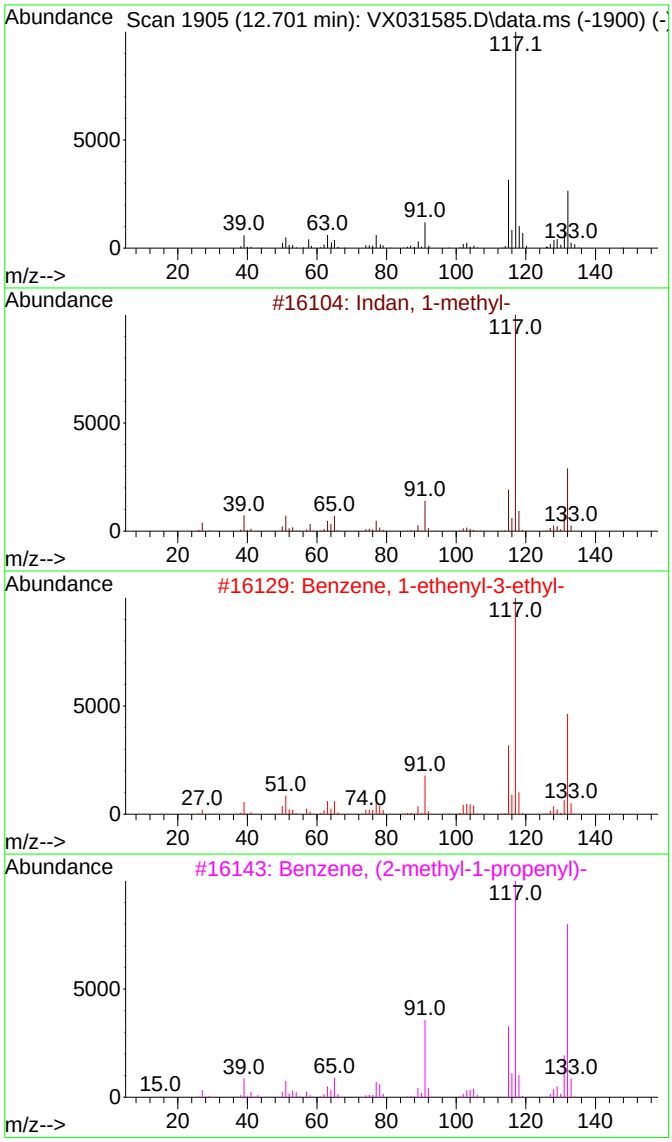
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

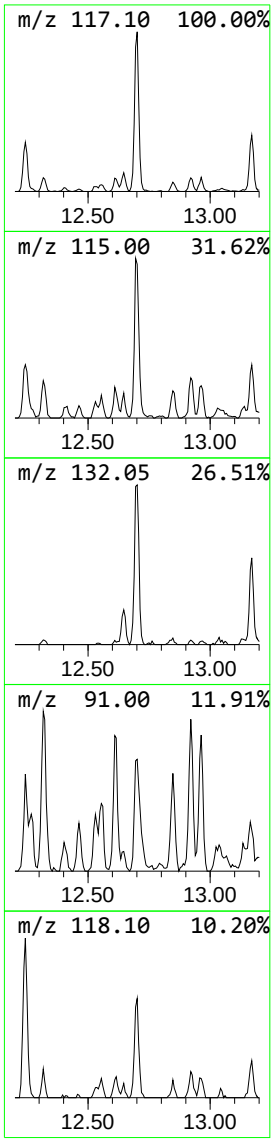
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	19.23 ug/l	133013	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-1-propenyl)-	132	C10H12	000768-49-0	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

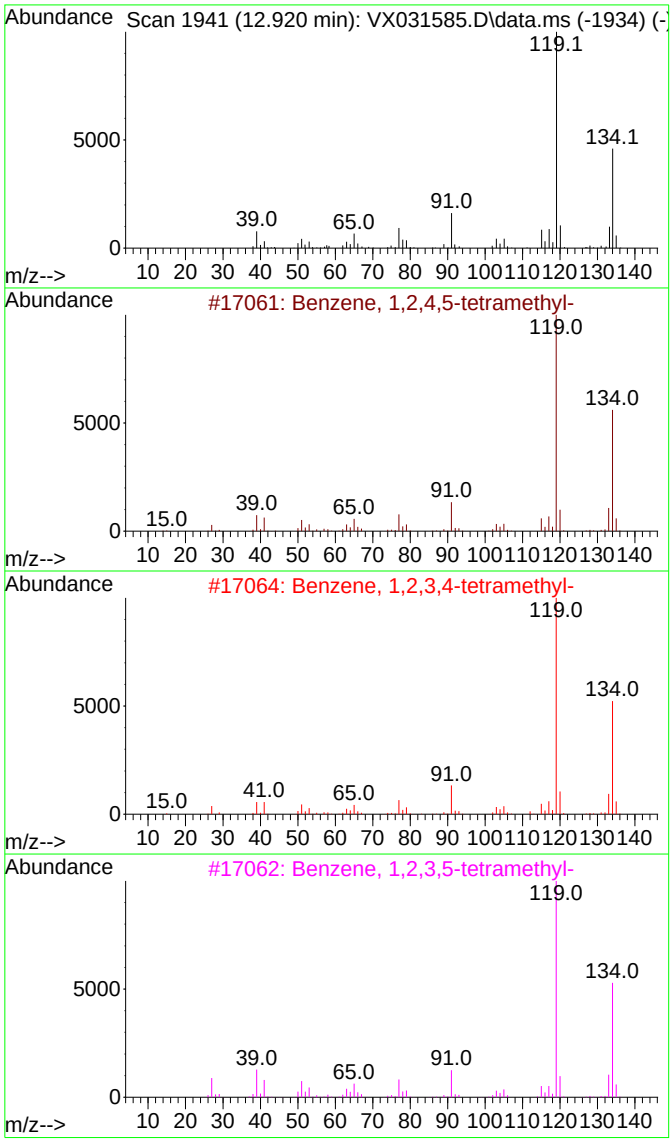
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

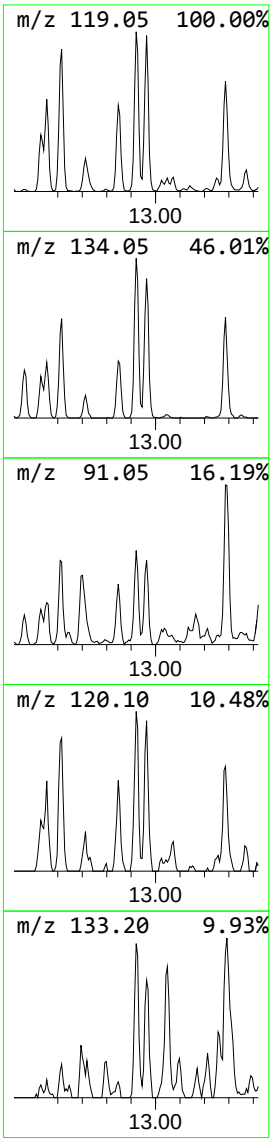
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	15.71 ug/l	108689	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	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

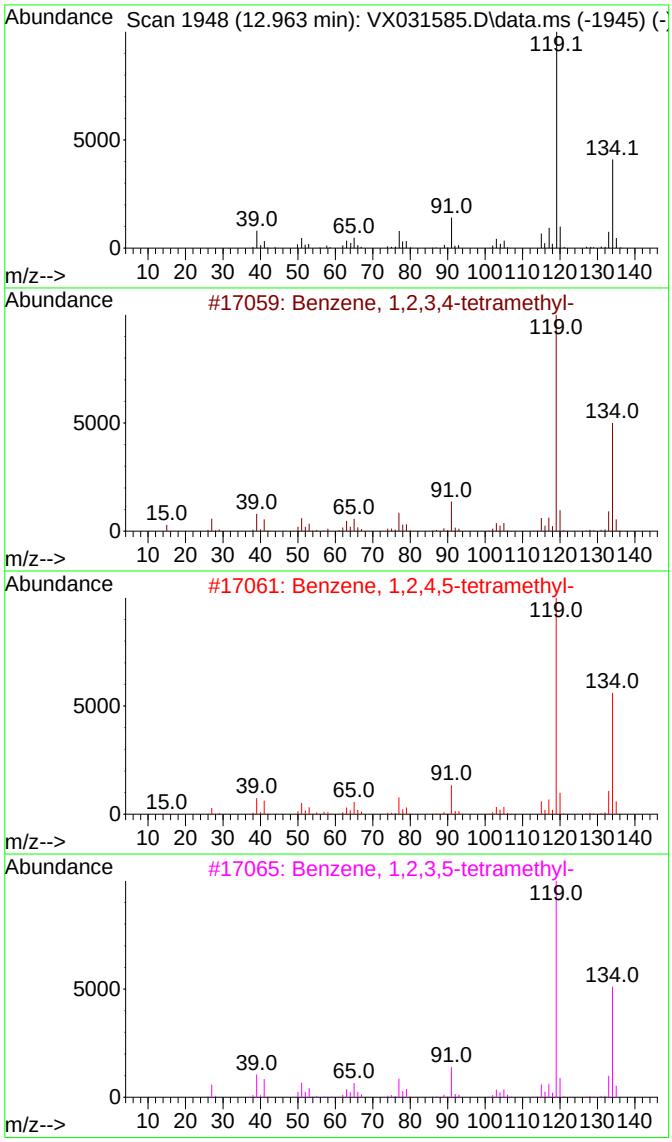
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

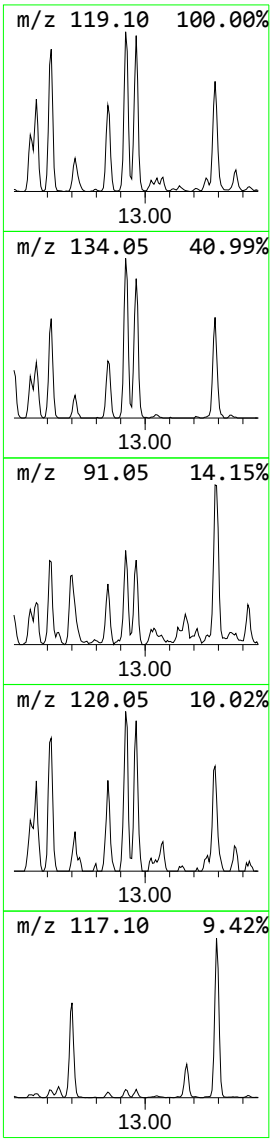
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	13.02 ug/l	90056	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

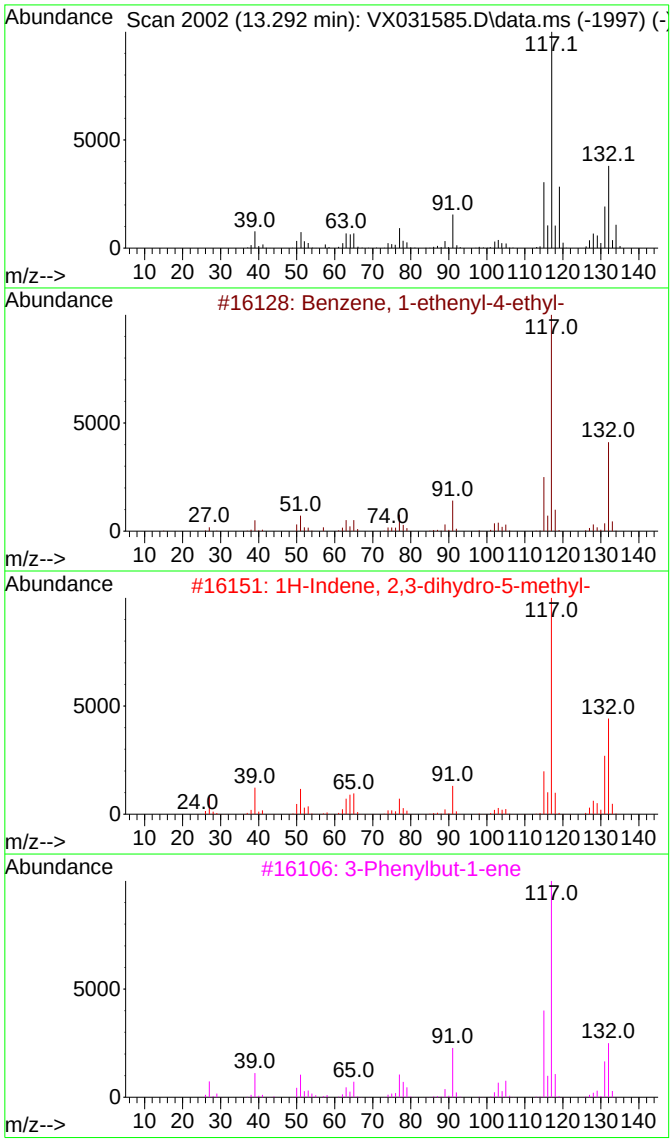
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

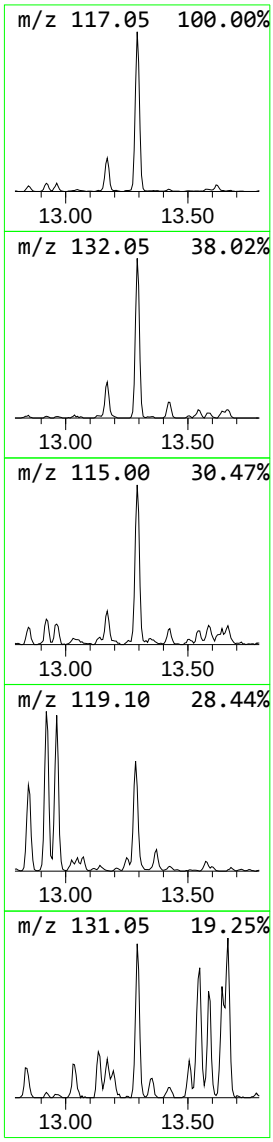
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	36.24 ug/l	250702	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031585.D
Acq On : 22 Sep 2022 21:01
Operator : JC/MD
Sample : N4642-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP091422

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.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
Benzene, 1-ethy...	11.378	14.4	ug/l	99854	4	12.024	345900	50.0
Benzene, 1-ethy...	11.610	34.5	ug/l	238432	4	12.024	345900	50.0
Benzene, 1,2,3-...	12.085	39.8	ug/l	275455	4	12.024	345900	50.0
Benzene, 1-ethe...	12.244	9.8	ug/l	67519	4	12.024	345900	50.0
o-Cymene	12.317	15.4	ug/l	106197	4	12.024	345900	50.0
Benzene, 1-ethy...	12.616	12.2	ug/l	84624	4	12.024	345900	50.0
Indan, 1-methyl-	12.701	19.2	ug/l	133013	4	12.024	345900	50.0
Benzene, 1,2,4,...	12.920	15.7	ug/l	108689	4	12.024	345900	50.0
Benzene, 1,2,3,...	12.963	13.0	ug/l	90056	4	12.024	345900	50.0
Benzene, 1-ethe...	13.292	36.2	ug/l	250702	4	12.024	345900	50.0