LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1886

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\82X031521W.M
Title : SW846 8260

Signal : TIC: VX021233.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	171	182	210	rBV2	34288	200576	12.40%	2.244%
2	2.434	222	229	257	rVB	64883	167202	10.34%	1.871%
3	5.464	732	744	755	rBV	48366	140092	8.66%	1.568%
4	5.623	760	771	784	rVB	75057	207694	12.84%	2.324%
5	6.029	829	840	848	rBV	53935	142237	8.79%	1.592%
6	6.105	848	853	866	rVB2	10499	28113	1.74%	0.315%
7	6.829	964	976	985	rBV	123641	322046	19.91%	3.604%
8	8.694	1282	1293	1299	rBV	263968	414268	25.61%	4.636%
9	8.764	1299	1305	1316	rVB	244351	382848	23.66%	4.284%
10	10.094	1525	1531	1536	rBV	311914	427340	26.41%	4.782%
11	10.229	1551	1554	1565	rVB2	112111	199832	12.35%	2.236%
12	10.341	1568	1573	1580	rVB	334627	482481	29.82%	5.399%
13	10.682	1626	1631	1643	rVB	188243	258682	15.99%	2.895%
14	11.041	1686	1692	1701	rVV	976814	1617817	100.00%	18.103%
15	11.118	1701	1705	1728	rVB	274911	399453	24.69%	4.470%
16	11.341	1739	1743	1748	rVB	42208	51195	3.16%	0.573%
17	11.418	1751	1756	1764	rVV	174430	292370	18.07%	3.272%
18	11.488	1764	1768	1778	rVB	90368	115668	7.15%	1.294%
19	11.653	1791	1796	1804	rVB	72581	94372	5.83%	1.056%
20	11.788	1814	1819	1826	rBV	344726	424005	26.21%	4.745%
21	12.059	1860	1865	1870	rBV	329664	409295	25.30%	4.580%
22	12.124	1871	1876	1881	rVV	104795	124304	7.68%	1.391%
23	12.282	1895	1903	1905	rBV	94160	126734	7.83%	1.418%
24	12.306	1905	1907	1911	rVV	66675	69906	4.32%	0.782%
25	12.353	1911	1915	1923	rVB4	99898	153418	9.48%	1.717%
26	12.447	1926	1931	1935	rVV5	9291	21563	1.33%	0.241%
27	12.500	1935	1940	1947	rVV	40526	81050	5.01%	0.907%
28	12.571	1947	1952	1954	rVV	65425	97142	6.00%	1.087%
29	12.594	1954	1956	1961	rVV	60641	66684	4.12%	0.746%
30	12.653	1961	1966	1969	rVV	91677	115324	7.13%	1.290%
31	12.682	1969	1971	1976	rVB	16536	18228	1.13%	0.204%
32	12.741	1976	1981	1990	rBV2	43494	75814	4.69%	0.848%
33	12.888	2001	2006	2010	rVB	25608	35028	2.17%	0.392%
34	12.959	2010	2018	2021	rBV	61428	78015	4.82%	0.873%
35	13.000	2021	2025	2031	rVB	90605	105049	6.49%	1.175%
36	13.059	2032	2035	2037	rBV	13520	16941	1.05%	0.190%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1886

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\82X031521W.M
Title : SW846 8260

37	13.206	2052	2060	2064	rBV2	68437	97985	6.06%	1.096%
38	13.247	2064	2067	2071	rVB2	14633	18101	1.12%	0.203%
39	13.294	2071	2075	2077	rBV2	17592	24436	1.51%	0.273%
40	13.330	2077	2081	2087	rVV2	118360	161887	10.01%	1.812%
41	13.406	2091	2094	2099	rVB	14763	16808	1.04%	0.188%
42	13.459	2099	2103	2111	rVB	43061	58482	3.61%	0.654%
43	13.541	2113	2117	2120	rBV2	15920	20783	1.28%	0.233%
44	13.583	2120	2124	2127	rBV	24590	32184	1.99%	0.360%
45	13.618	2127	2130	2137	rBV3	29551	52638	3.25%	0.589%
46	13.706	2142	2145	2151	rVB2	28854	45499	2.81%	0.509%
47	13.818	2159	2164	2170	rBV	81090	105542	6.52%	1.181%
48	13.894	2173	2177	2182	rVB2	17130	24948	1.54%	0.279%
49	13.965	2184	2189	2194	rBV3	22581	35407	2.19%	0.396%
50	14.112	2211	2214	2220	rBV	23955	28337	1.75%	0.317%
51	14.265	2234	2240	2247	rVB3	37727	70927	4.38%	0.794%
52	14.412	2261	2265	2269	rBV	21517	27727	1.71%	0.310%
53	14.524	2279	2284	2289	rVB2	18322	26492	1.64%	0.296%
54	14.677	2302	2310	2314	rBV	63558	98581	6.09%	1.103%
55	14.818	2331	2334	2338	rBV	23768	27024	1.67%	0.302%

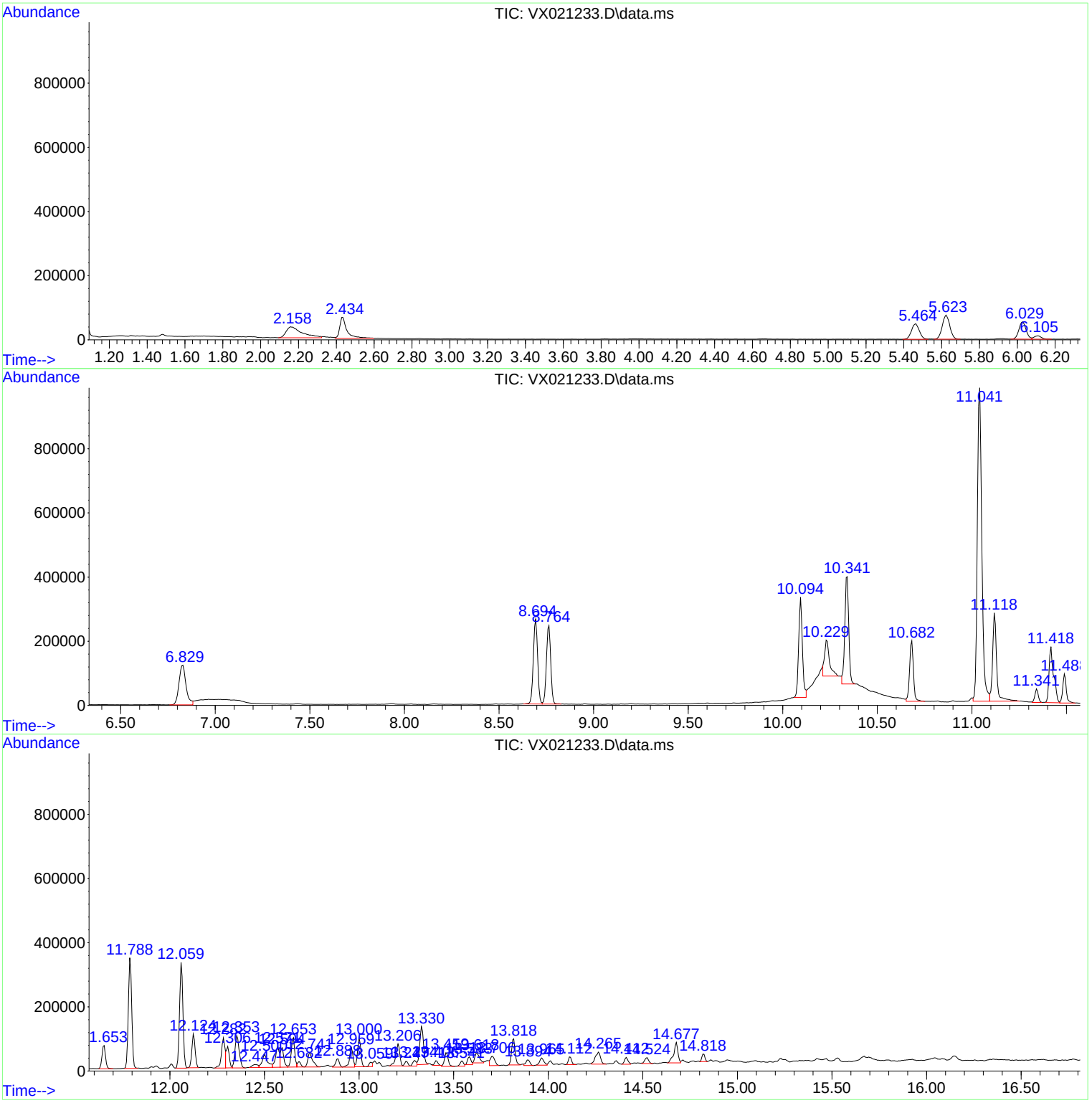
Sum of corrected areas: 8936574

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

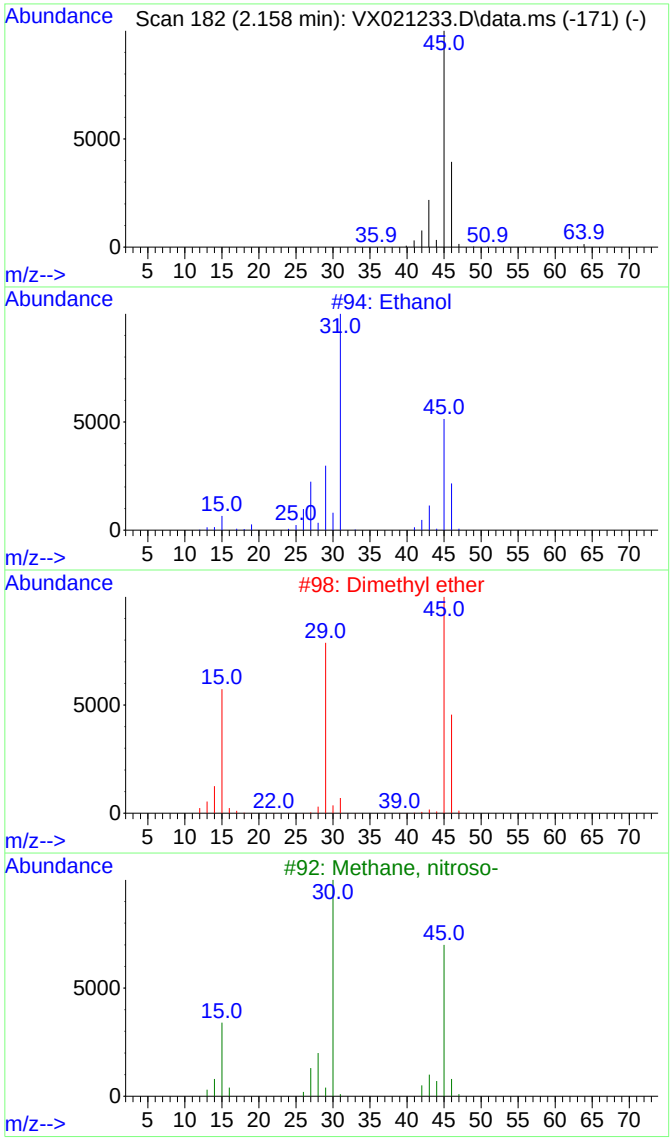
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

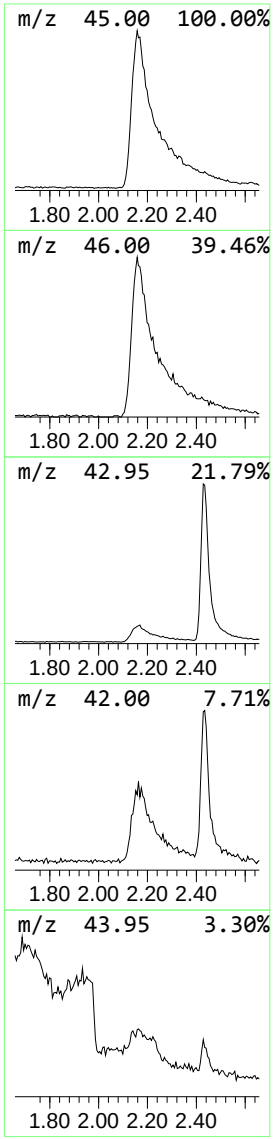
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	48.29 ug/l	200576	Pentafluorobenzene	5.623

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	86
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Methyltartronic acid	134	C4H6O5	000595-98-2	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

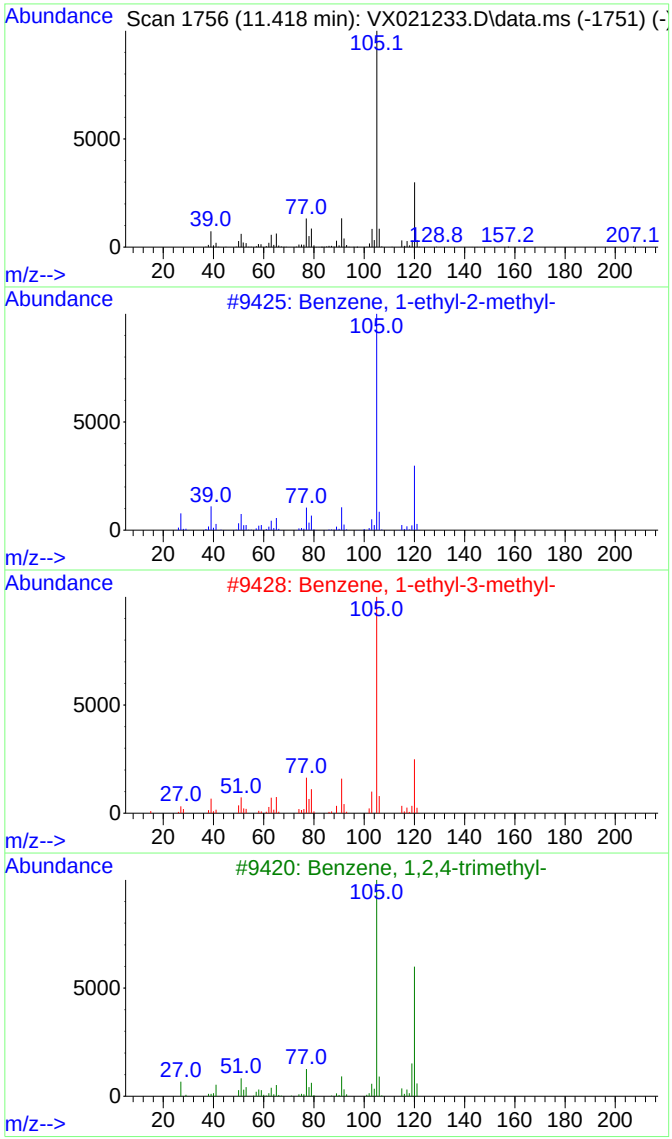
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

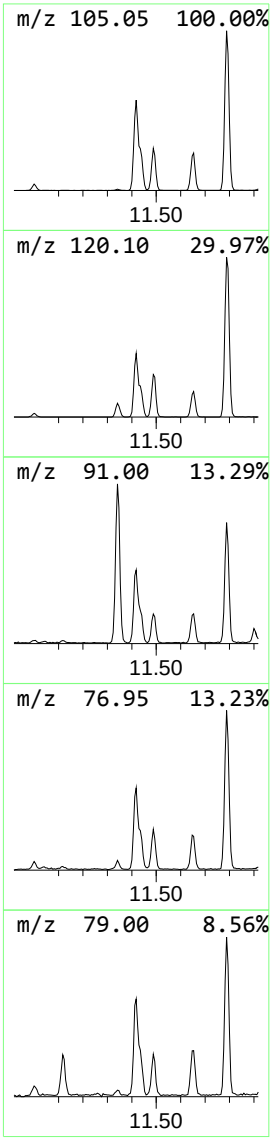
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	35.72 ug/l	292370	1,4-Dichlorobenzene-d4	12.065

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

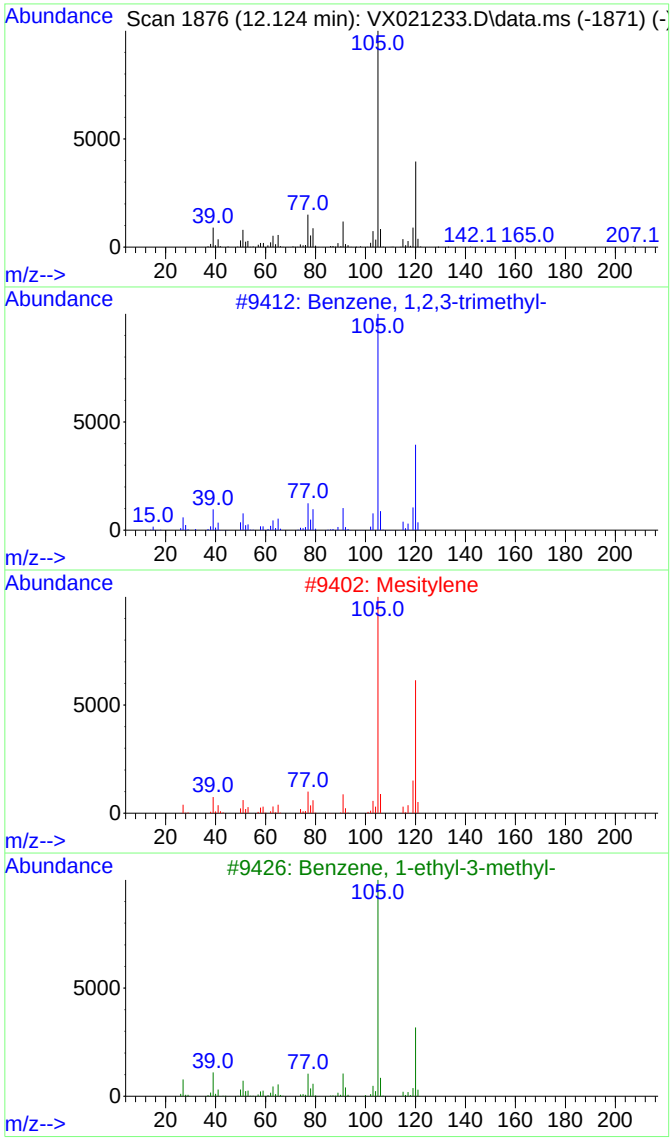
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

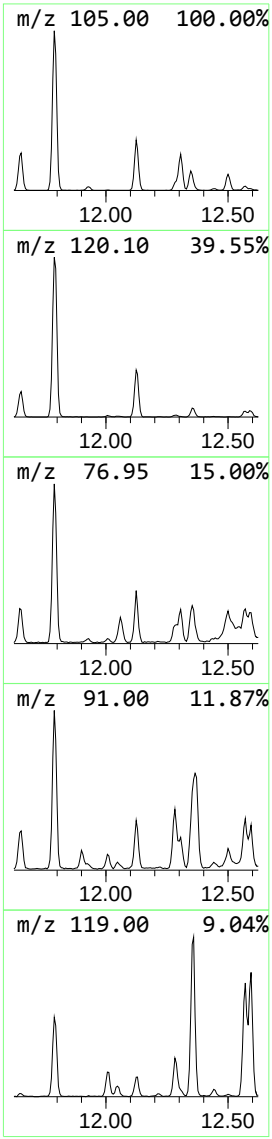
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	15.19 ug/l	124304	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
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\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

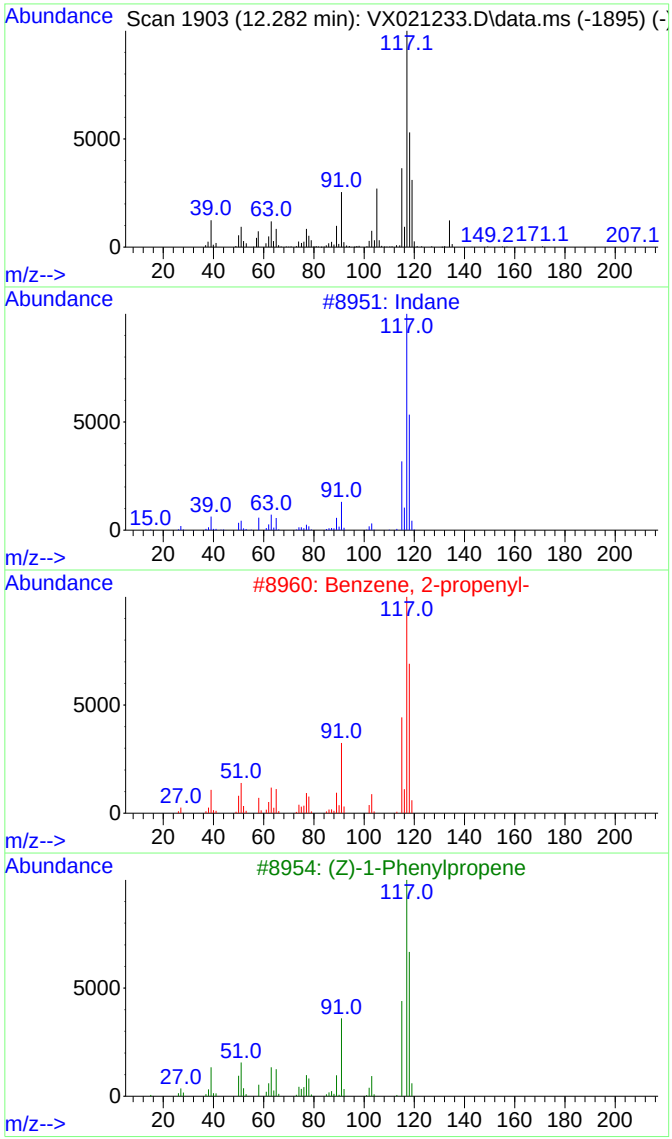
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

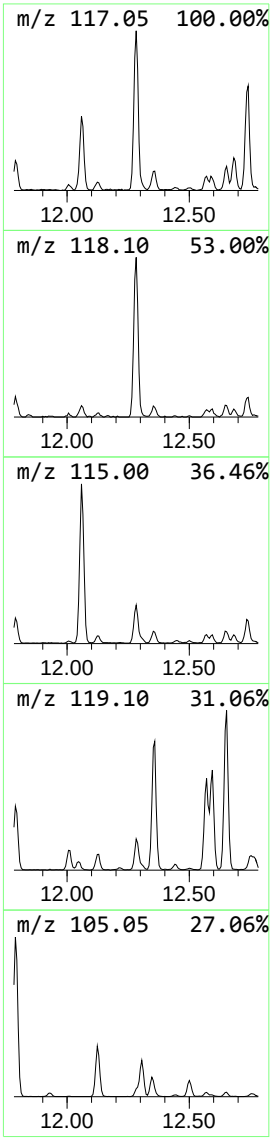
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.282	15.48 ug/l	126734	1,4-Dichlorobenzene-d4	12.065

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	86
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

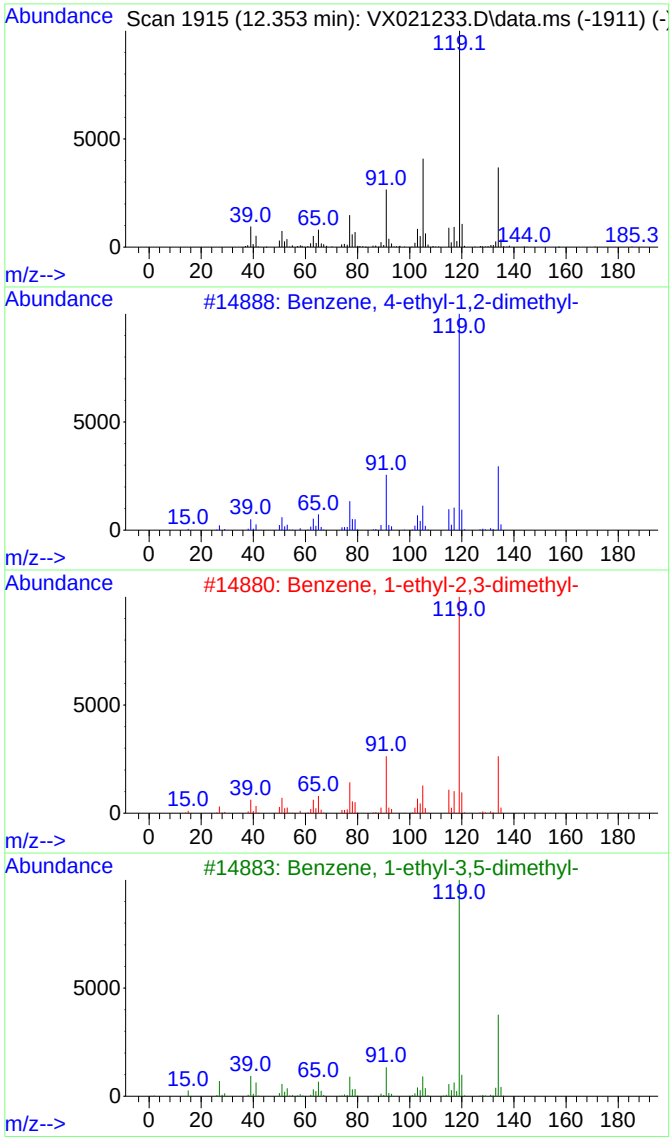
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

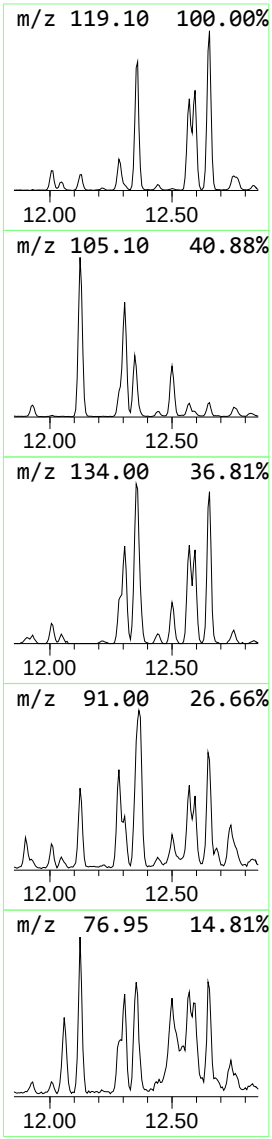
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.353	18.74 ug/l	153418	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

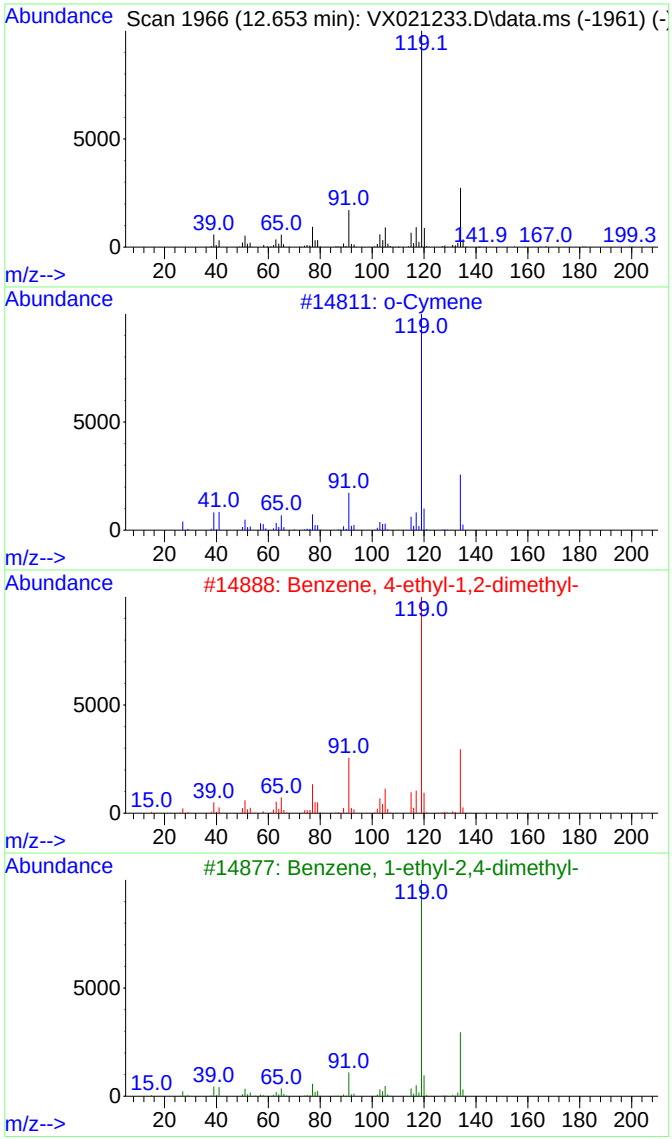
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

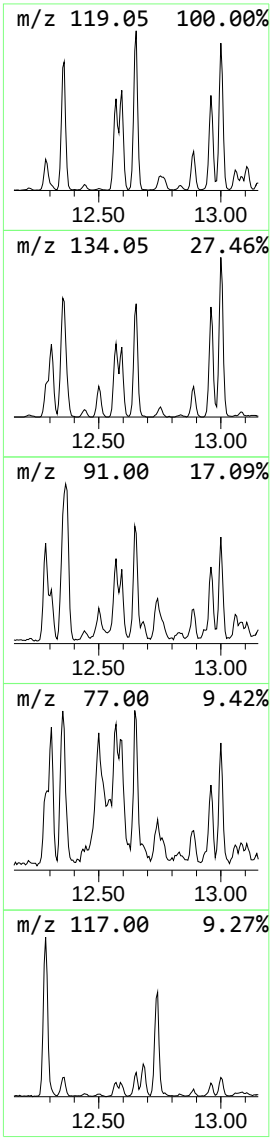
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	14.09 ug/l	115324	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

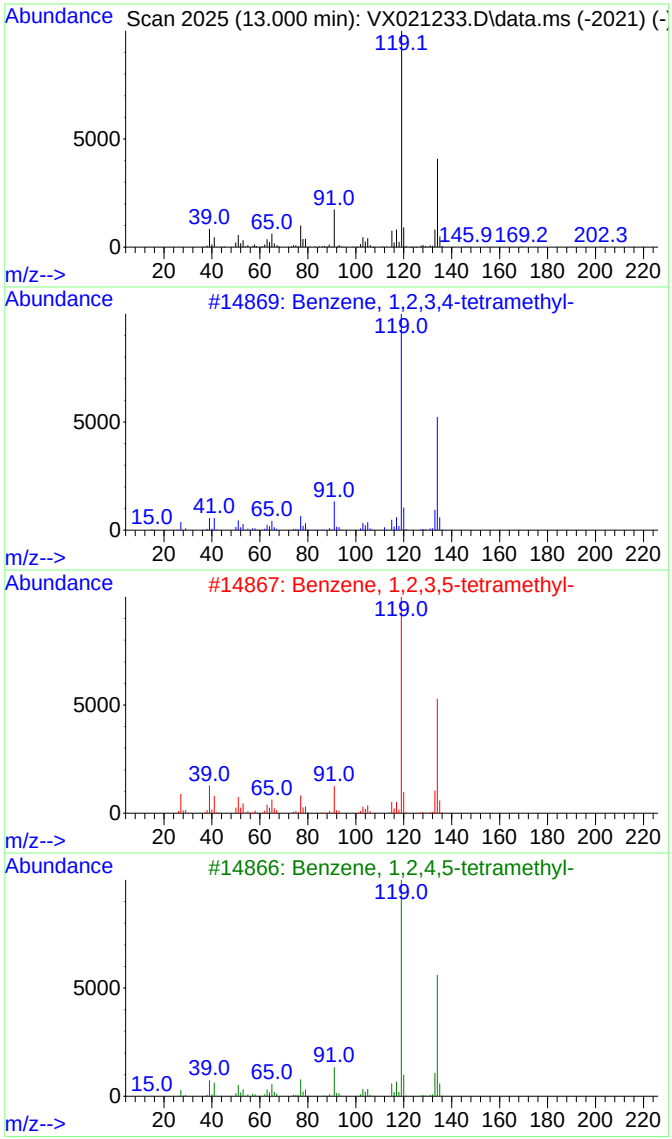
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

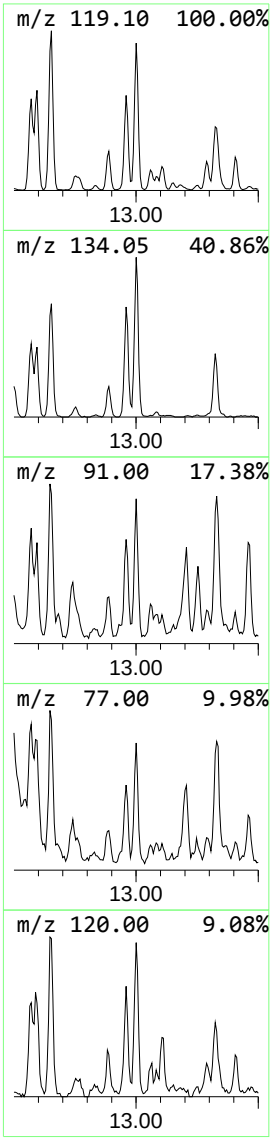
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.000	12.83 ug/l	105049	1,4-Dichlorobenzene-d4	12.065

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1886

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

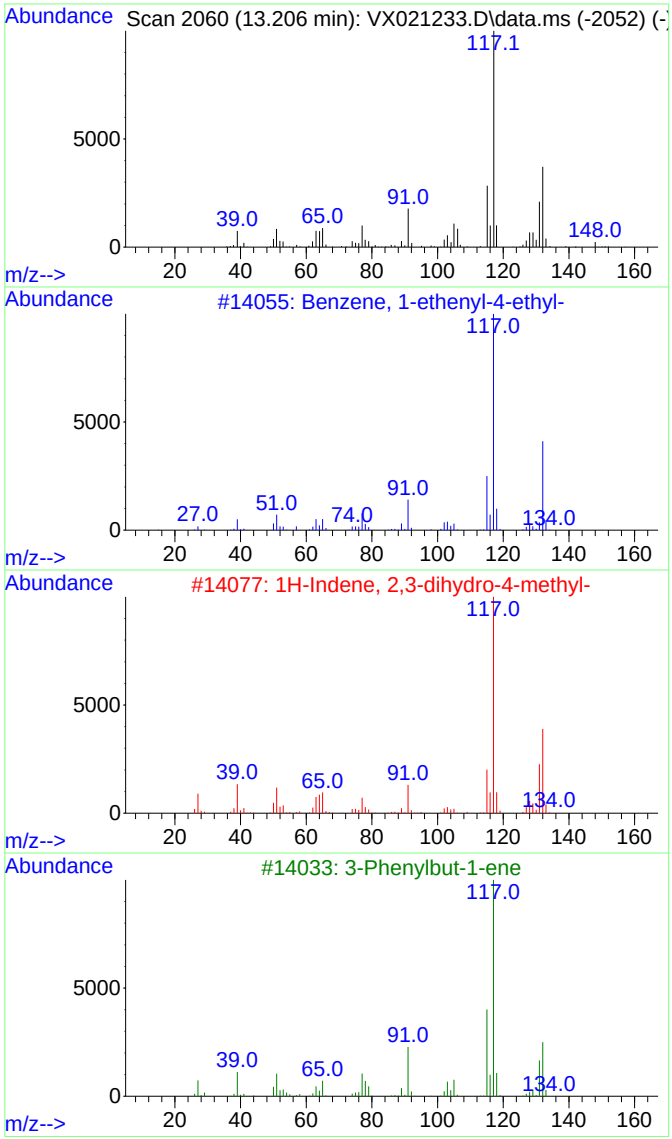
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

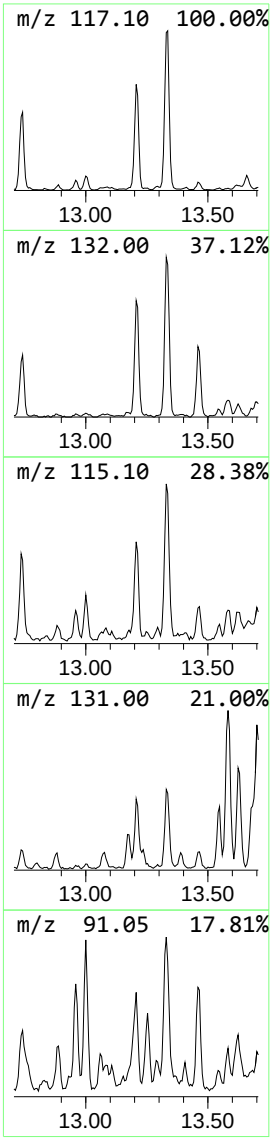
****

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.206	11.97 ug/l	97985	1,4-Dichlorobenzene-d4	12.065

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-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1886

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

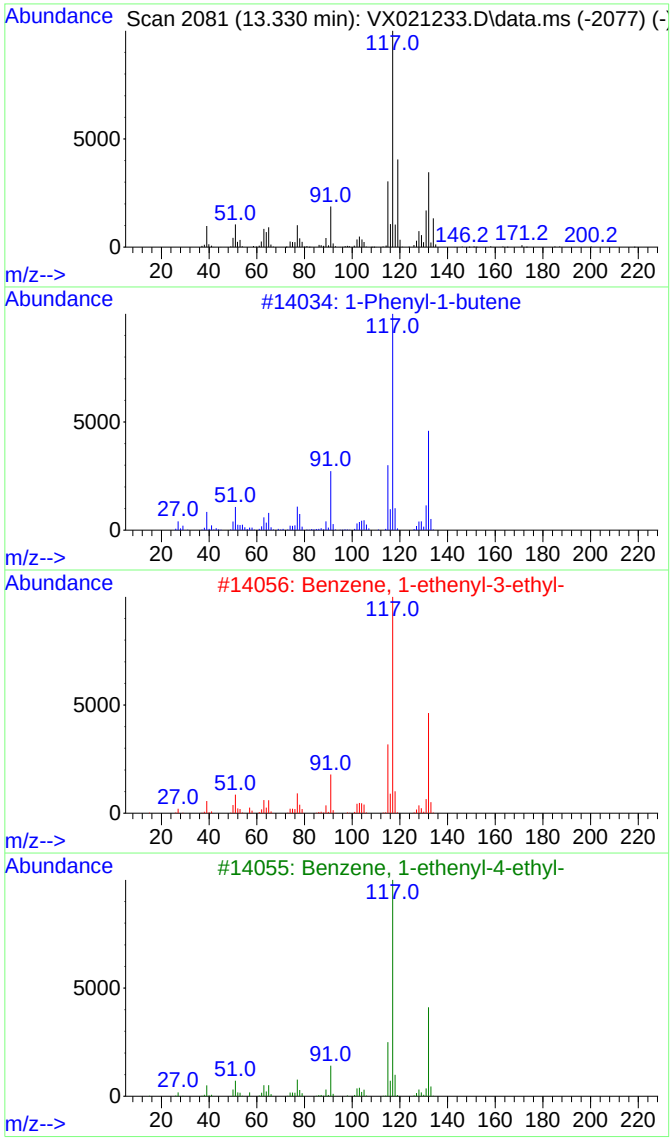
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

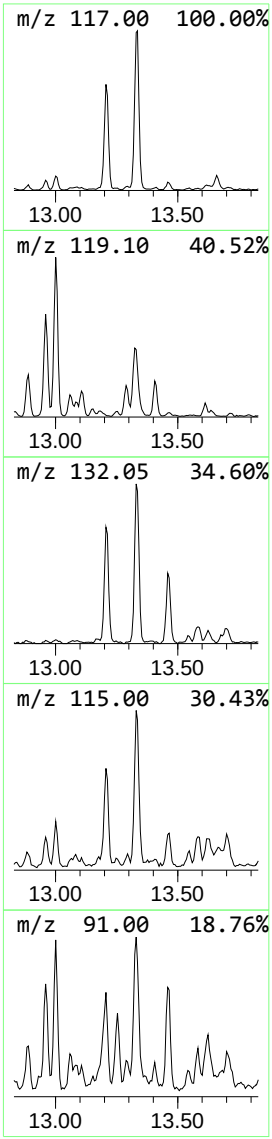
****

Peak Number 9 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	19.78 ug/l	161887	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1886

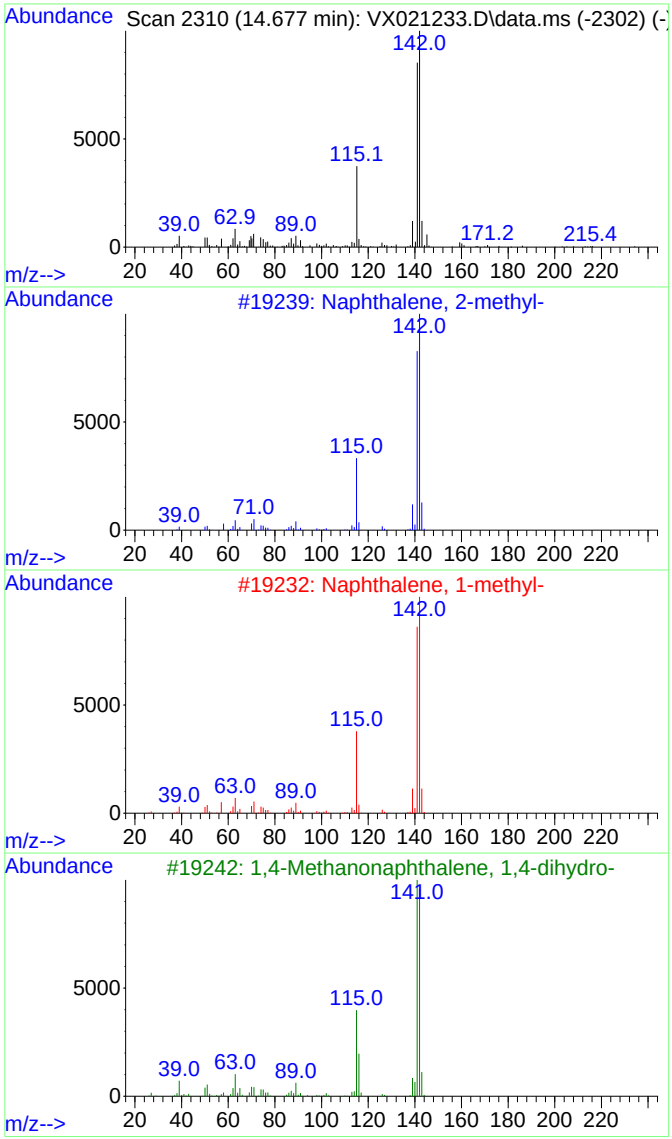
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260

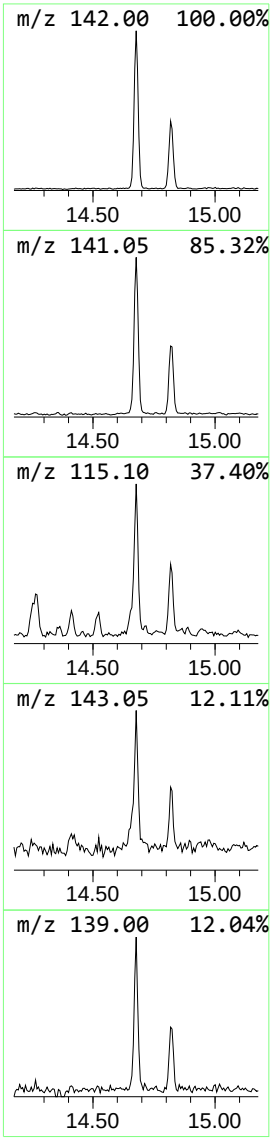
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	12.04 ug/l	98581	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021233.D
Acq On : 16 Mar 2021 05:18
Operator : JC/MD
Sample : M1666-04 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1886

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.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
Ethanol	2.158	48.3	ug/l	200576	1	5.623	207694	50.0
Benzene, 1-ethy...	11.418	35.7	ug/l	292370	4	12.065	409295	50.0
Benzene, 1,2,3-...	12.124	15.2	ug/l	124304	4	12.065	409295	50.0
Indane	12.282	15.5	ug/l	126734	4	12.065	409295	50.0
Benzene, 4-ethy...	12.353	18.7	ug/l	153418	4	12.065	409295	50.0
o-Cymene	12.653	14.1	ug/l	115324	4	12.065	409295	50.0
Benzene, 1,2,3,...	13.000	12.8	ug/l	105049	4	12.065	409295	50.0
Benzene, 1-ethe...	13.206	12.0	ug/l	97985	4	12.065	409295	50.0
1-Phenyl-1-butene	13.330	19.8	ug/l	161887	4	12.065	409295	50.0
Naphthalene, 1-...	14.677	12.0	ug/l	98581	4	12.065	409295	50.0