LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

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\82X100622W.M
Title : SW846 8260

Signal : TIC: VX032086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.386	207	213	222	rBV2	5697	10590	1.20%	0.154%
2	3.111	324	332	343	rVB	41560	97843	11.06%	1.419%
3	3.764	430	439	449	rVB2	5305	14793	1.67%	0.215%
4	4.312	520	529	536	rBV6	5193	16365	1.85%	0.237%
5	5.385	694	705	718	rBV	77131	228046	25.77%	3.308%
6	5.550	723	732	749	rVB	87512	249809	28.23%	3.623%
7	5.958	788	799	806	rBV	89509	238767	26.98%	3.463%
8	6.044	806	813	826	rVB	84234	225455	25.48%	3.270%
9	6.763	922	931	946	rBV	122524	287939	32.54%	4.176%
10	8.647	1234	1240	1247	rBV	416877	664120	75.05%	9.632%
11	8.720	1247	1252	1263	rVB	313421	465692	52.63%	6.754%
12	10.055	1465	1471	1481	rBV	295730	392466	44.35%	5.692%
13	10.195	1489	1494	1502	rBV	98427	127360	14.39%	1.847%
14	10.299	1505	1511	1521	rBV	205596	287950	32.54%	4.176%
15	10.640	1562	1567	1581	rVB	687470	884912	100.00%	12.835%
16	11.079	1634	1639	1651	rBV	334311	432186	48.84%	6.268%
17	11.378	1681	1688	1696	rBV	50228	87812	9.92%	1.274%
18	11.451	1696	1700	1710	rVB	54828	66879	7.56%	0.970%
19	11.616	1722	1727	1733	rBV	126876	160144	18.10%	2.323%
20	11.969	1781	1785	1789	rBV	9562	11346	1.28%	0.165%
21	12.024	1789	1794	1800	rVV	397592	493030	55.72%	7.151%
22	12.085	1800	1804	1813	rVB	219003	274062	30.97%	3.975%
23	12.244	1823	1830	1838	rVB2	77388	109700	12.40%	1.591%
24	12.317	1838	1842	1848	rVB	44203	57609	6.51%	0.836%
25	12.408	1851	1857	1862	rBV2	14075	17953	2.03%	0.260%
26	12.463	1862	1866	1874	rVB	23896	29391	3.32%	0.426%
27	12.616	1886	1891	1894	rBV	71931	88105	9.96%	1.278%
28	12.646	1894	1896	1900	rVB2	12764	13611	1.54%	0.197%
29	12.701	1900	1905	1914	rBV2	34675	59060	6.67%	0.857%
30	12.847	1925	1929	1934	rVB	33643	42986	4.86%	0.623%
31	12.920	1934	1941	1945	rBV	49098	60802	6.87%	0.882%
32	12.963	1945	1948	1954	rVB	21047	23677	2.68%	0.343%
33	13.140	1973	1977	1983	rBV4	8502	10924	1.23%	0.158%
34	13.292	1992	2002	2007	rBV2	127991	180246	20.37%	2.614%
35	13.420	2018	2023	2032	rVB	56394	75332	8.51%	1.093%
36	13.585	2045	2050	2055	rBV3	27680	48584	5.49%	0.705%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

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\82X100622W.M
Title : SW846 8260

37	13.640	2056	2059	2060	rVV	14799	15743	1.78%	0.228%
38	13.664	2060	2063	2069	rVB3	27342	41860	4.73%	0.607%
39	13.786	2079	2083	2089	rVB5	5292	11587	1.31%	0.168%
40	13.853	2089	2094	2099	rVB	14764	19637	2.22%	0.285%
41	13.926	2099	2106	2110	rBV2	33674	45505	5.14%	0.660%
42	13.969	2110	2113	2117	rVB	12251	14333	1.62%	0.208%
43	14.213	2148	2153	2159	rBV	30459	43392	4.90%	0.629%
44	14.323	2167	2171	2175	rVV	10787	13640	1.54%	0.198%
45	14.371	2175	2179	2184	rVB	20802	25813	2.92%	0.374%
46	14.481	2192	2197	2202	rBV2	43373	56498	6.38%	0.819%
47	14.615	2215	2219	2221	rBV3	7203	9147	1.03%	0.133%
48	14.676	2226	2229	2232	rVB	7686	9481	1.07%	0.138%
49	14.816	2244	2252	2255	rBV3	9522	17105	1.93%	0.248%
50	14.902	2262	2266	2272	rBV3	7979	14377	1.62%	0.209%
51	15.182	2307	2312	2319	rVB3	10761	21004	2.37%	0.305%

Sum of corrected areas: 6894668

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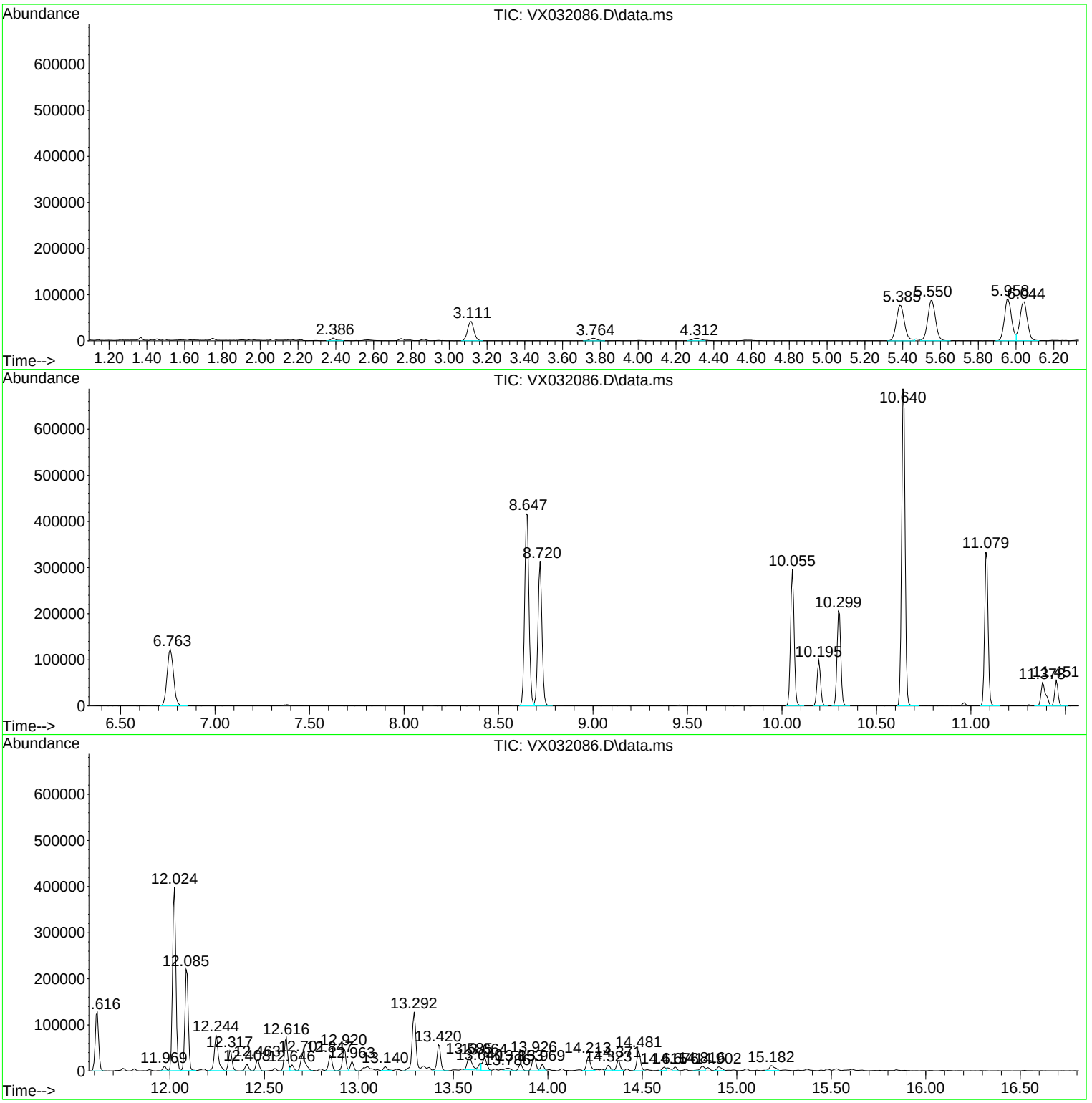
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

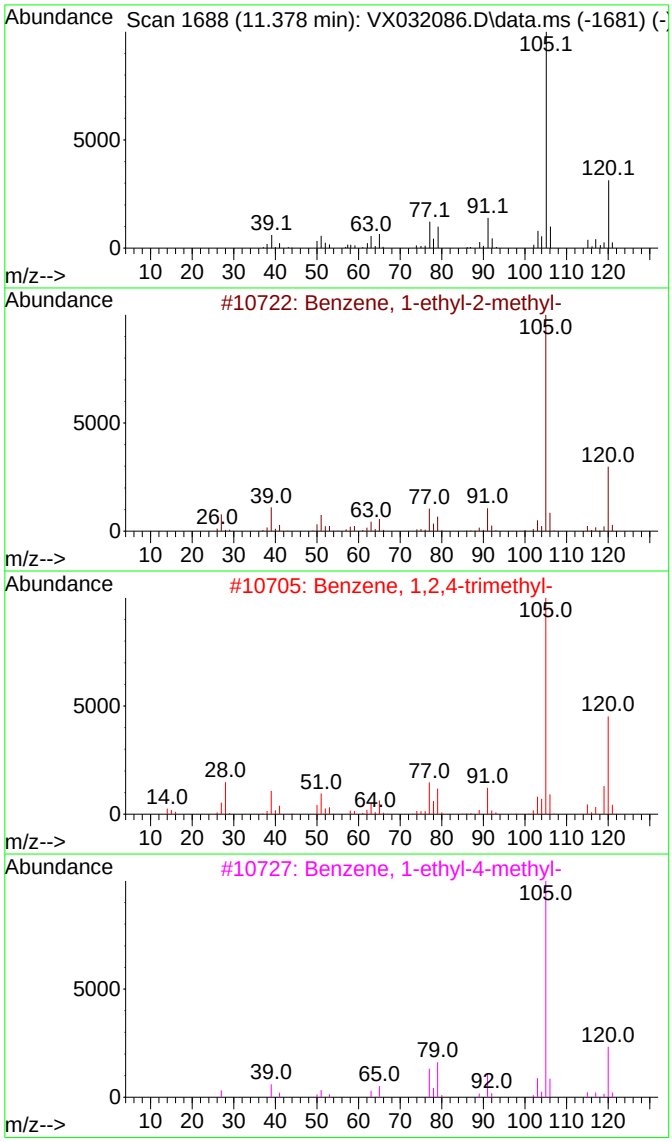
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

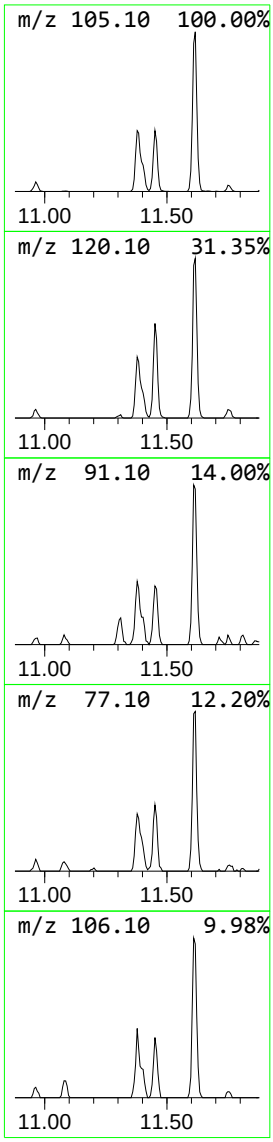
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	8.91 ug/l	87812	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	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

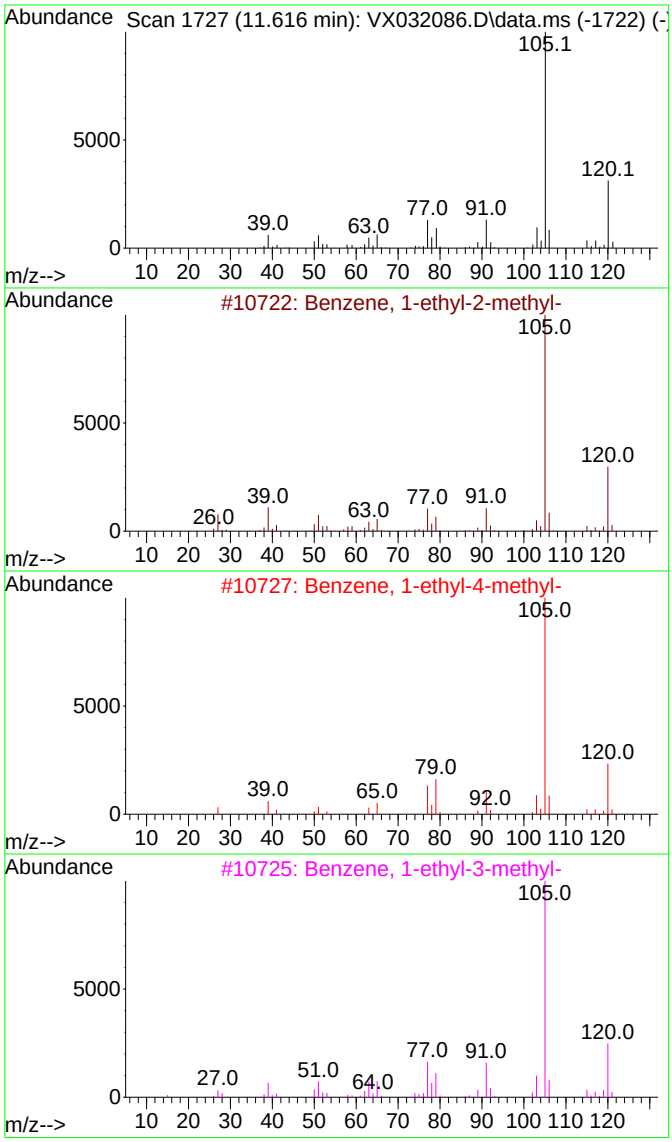
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

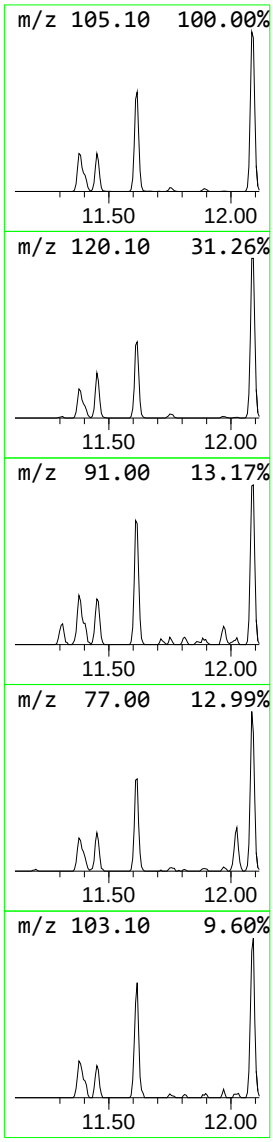
****

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	16.24 ug/l	160144	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

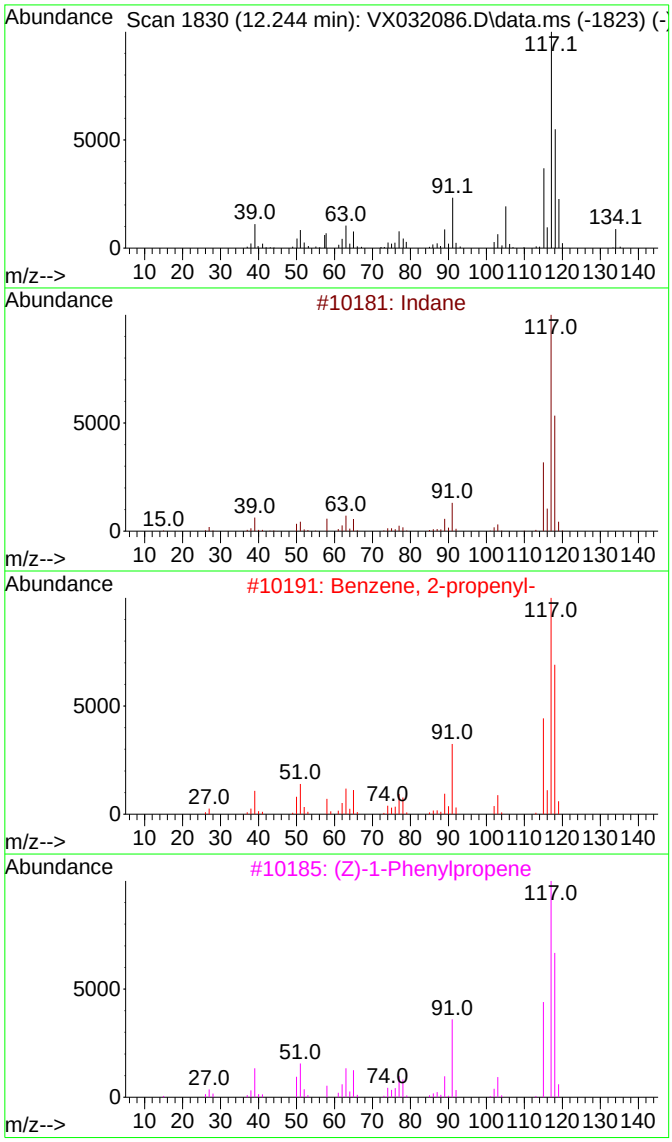
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

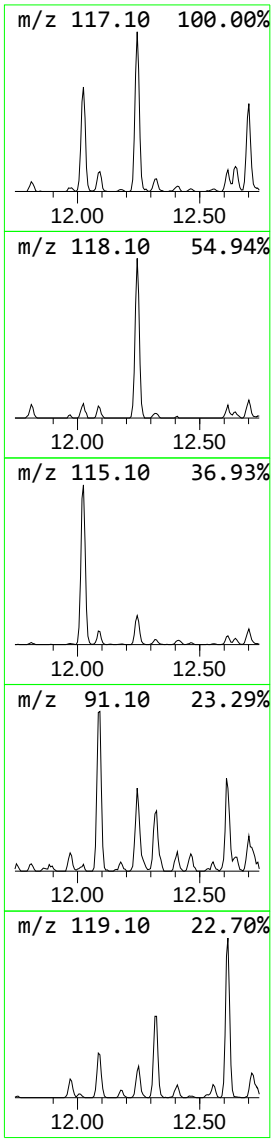
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	11.13 ug/l	109700	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

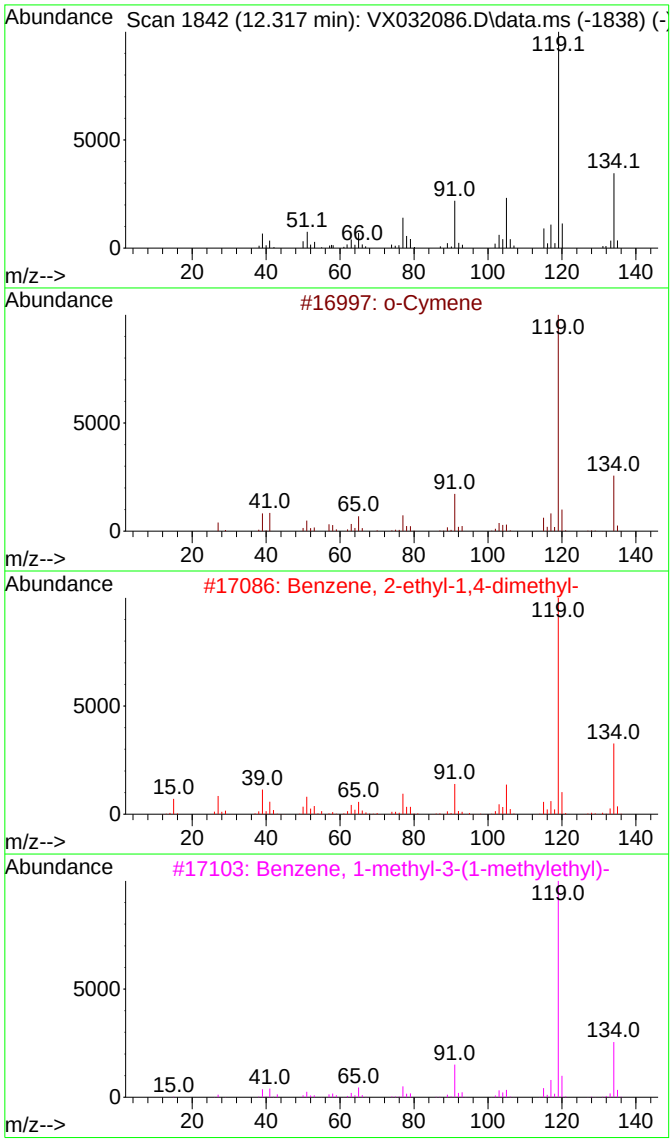
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

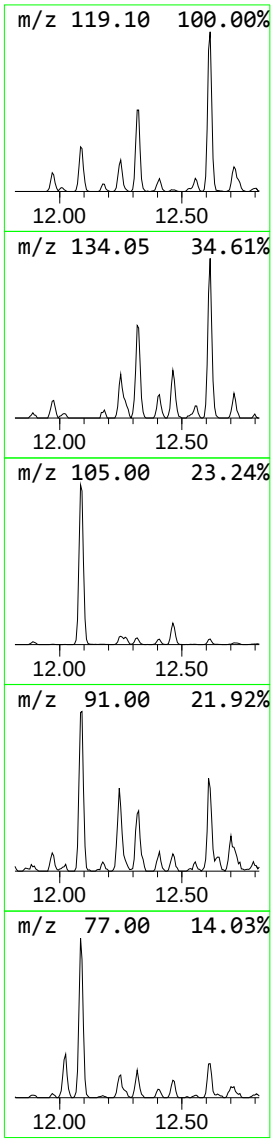
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	5.84 ug/l	57609	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

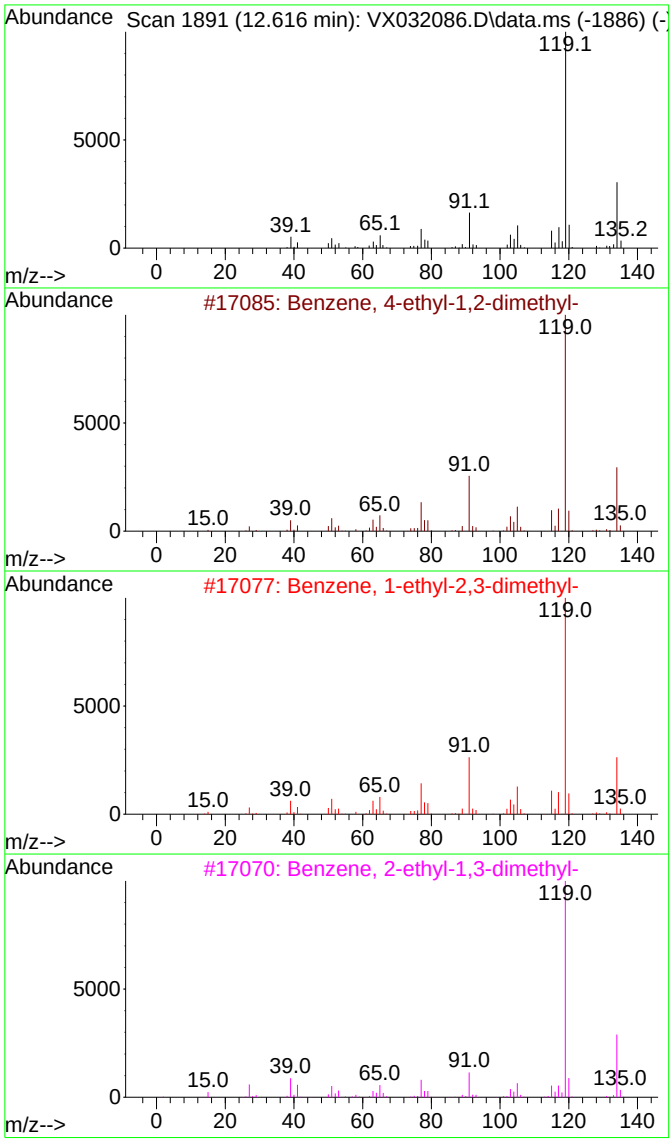
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

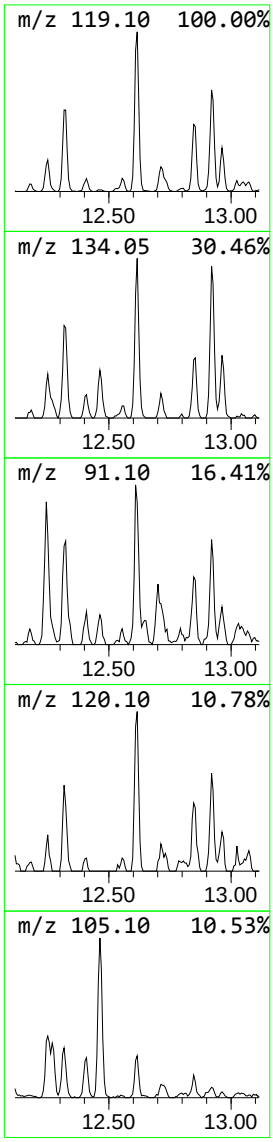
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	8.94 ug/l	88105	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	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\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

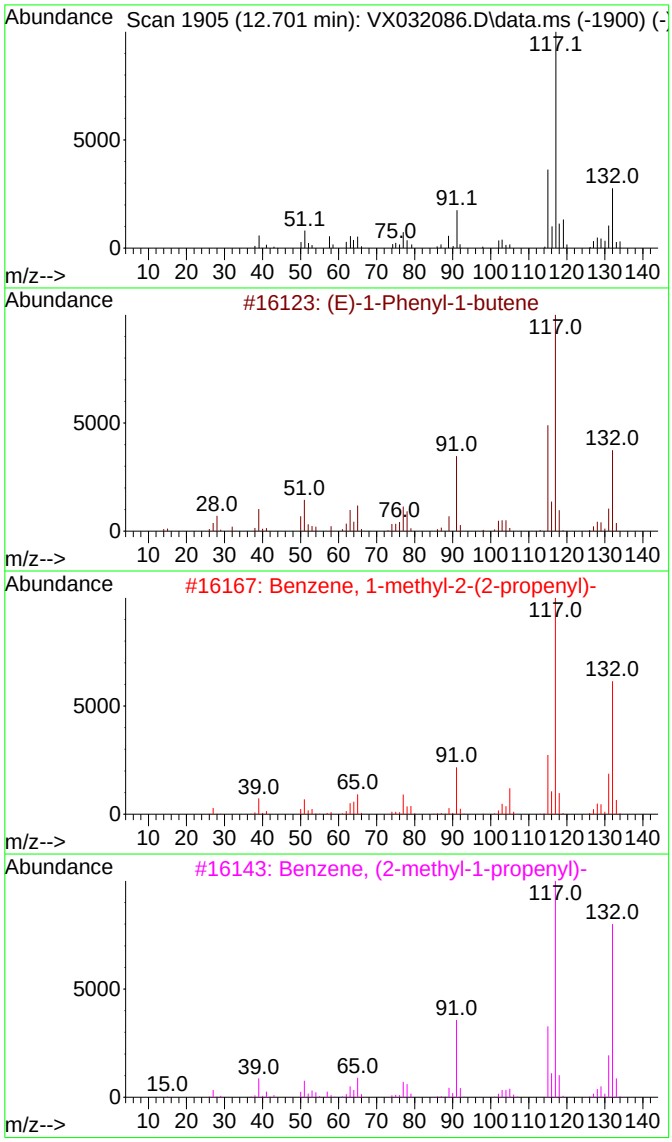
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

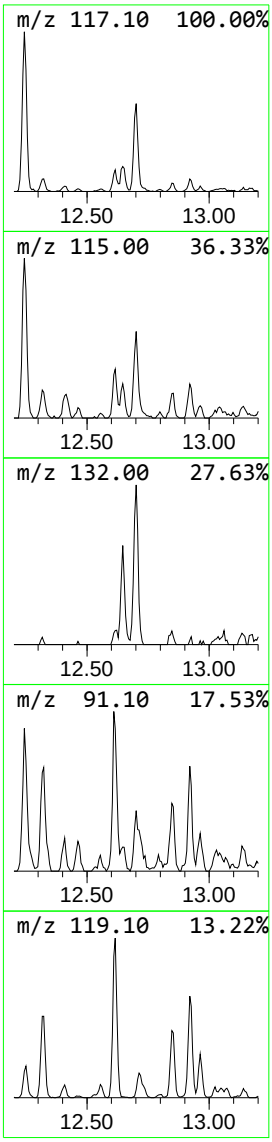
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	5.99 ug/l	59060	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83





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Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

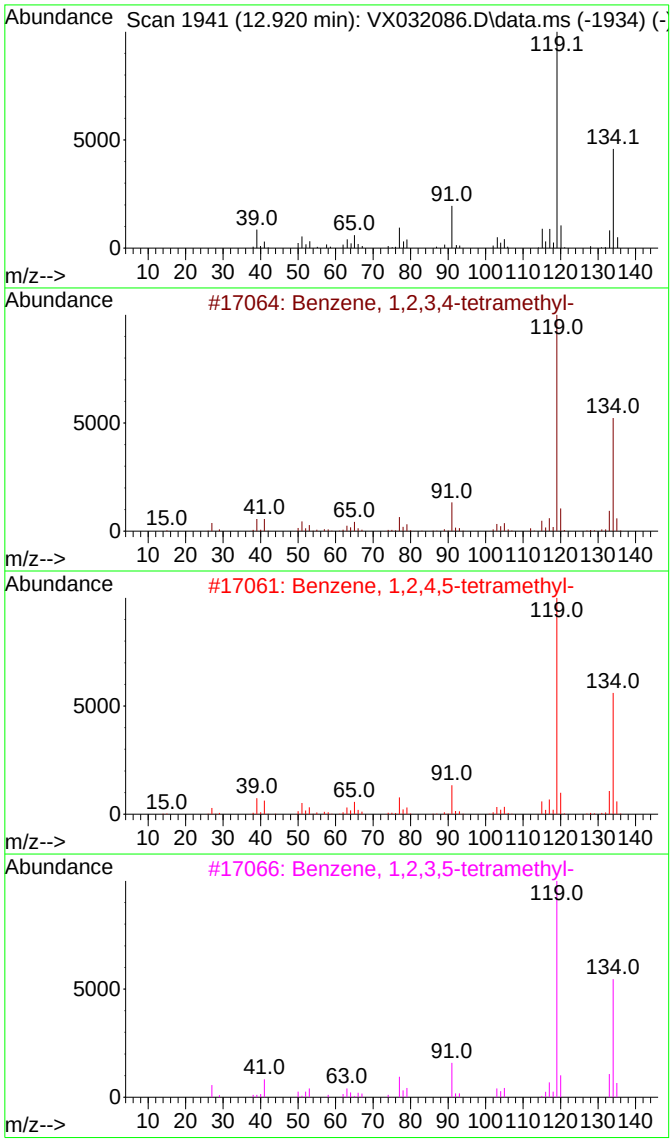
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

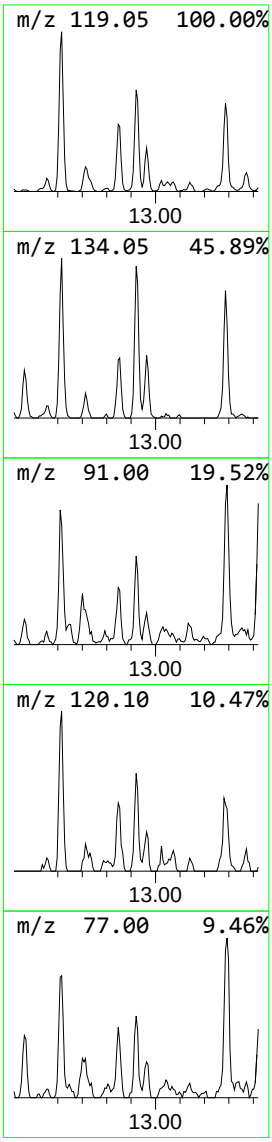
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	6.17 ug/l	60802	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
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\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

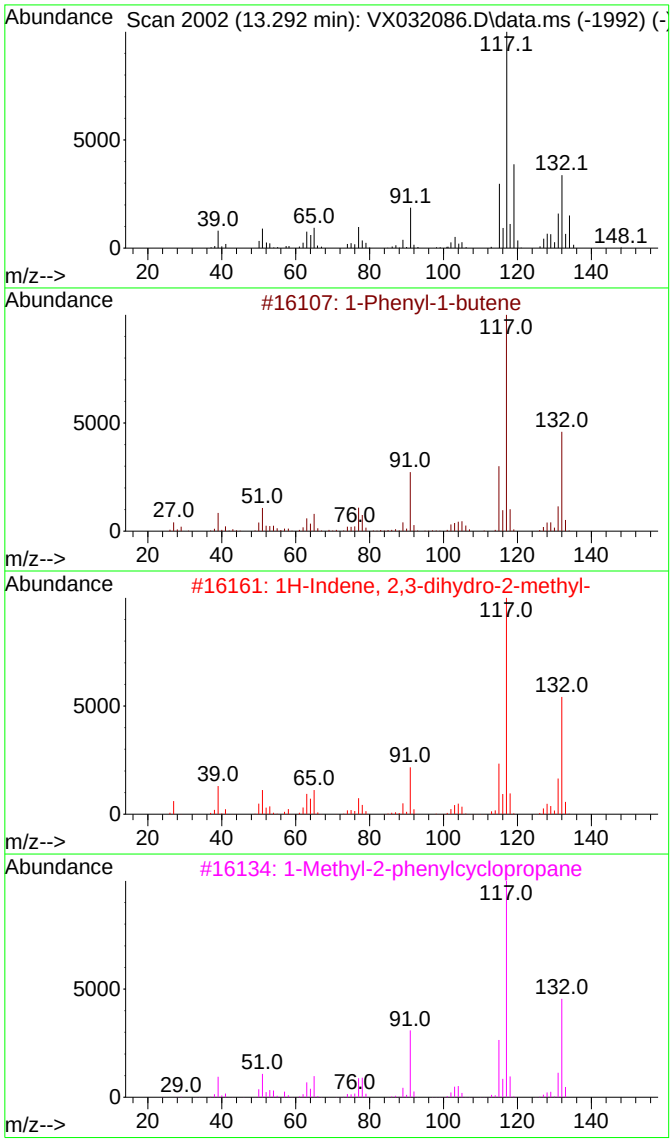
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

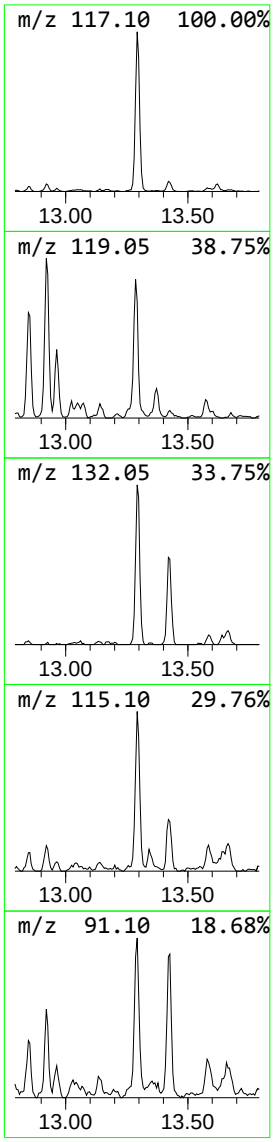
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	18.28 ug/l	180246	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

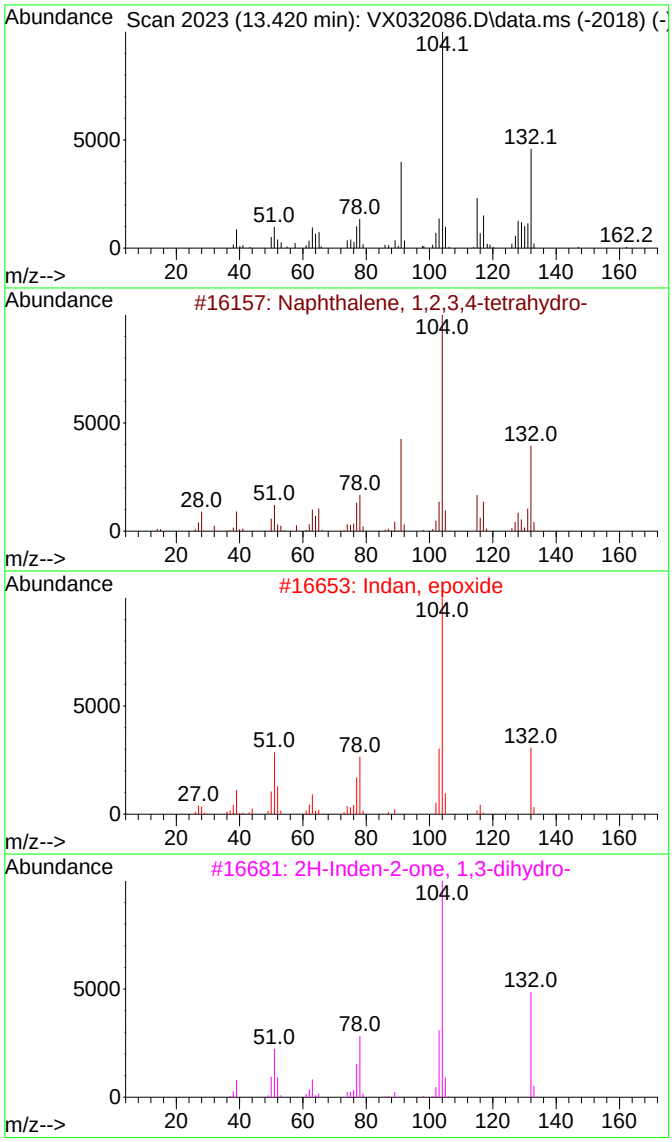
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

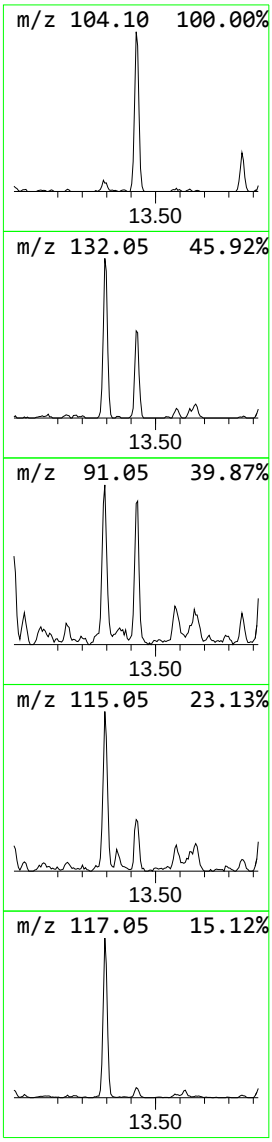
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	7.64 ug/l	75332	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Indan, epoxide	132	C9H8O	000768-22-9	55
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	46
4	5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	38
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

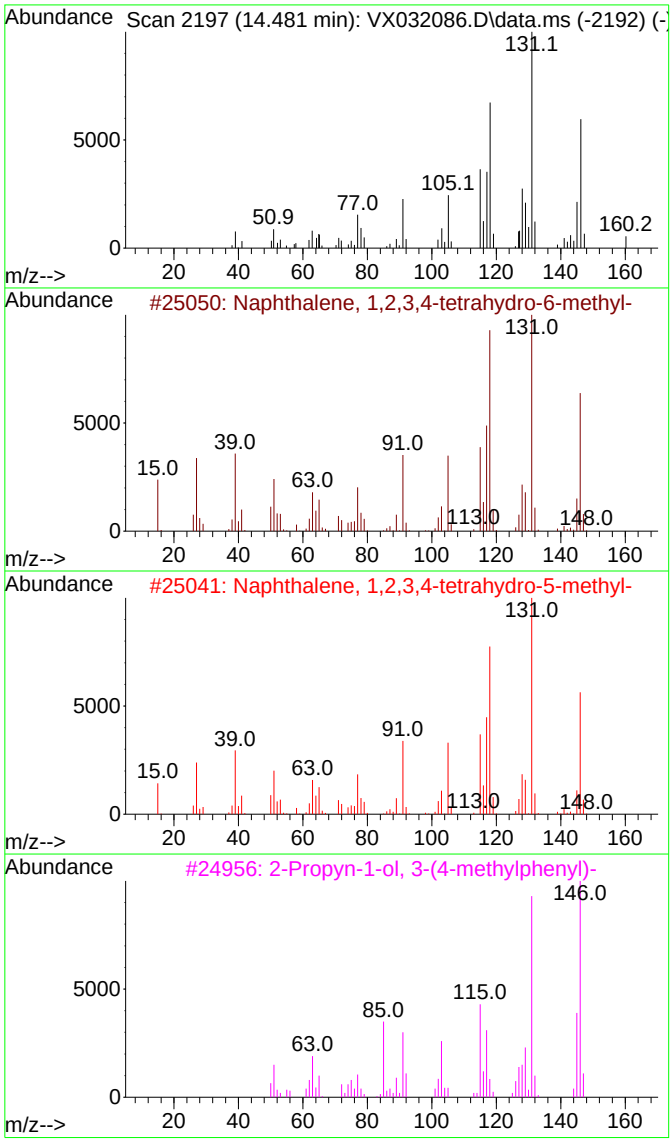
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260

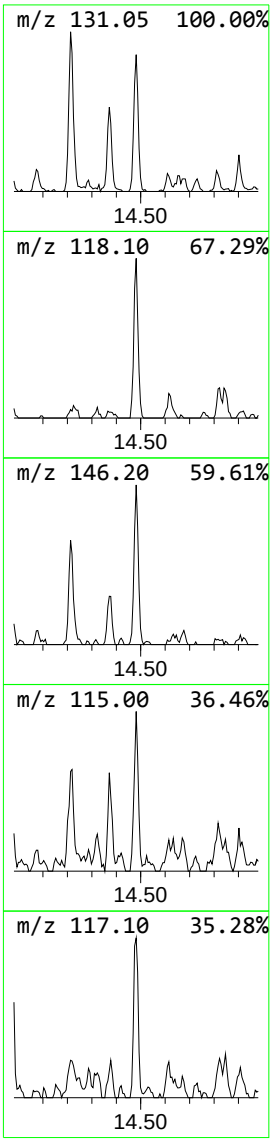
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	5.73 ug/l	56498	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	89
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101222\
Data File : VX032086.D
Acq On : 12 Oct 2022 15:55
Operator : JC/MD
Sample : N5042-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EOR-0627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.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	8.9	ug/l	87812	4	12.024	493030	50.0
Benzene, 1-ethy...	11.616	16.2	ug/l	160144	4	12.024	493030	50.0
Indane	12.244	11.1	ug/l	109700	4	12.024	493030	50.0
o-Cymene	12.317	5.8	ug/l	57609	4	12.024	493030	50.0
Benzene, 4-ethy...	12.616	8.9	ug/l	88105	4	12.024	493030	50.0
(E)-1-Phenyl-1-...	12.701	6.0	ug/l	59060	4	12.024	493030	50.0
Benzene, 1,2,3,...	12.920	6.2	ug/l	60802	4	12.024	493030	50.0
1-Phenyl-1-butene	13.292	18.3	ug/l	180246	4	12.024	493030	50.0
Naphthalene, 1,...	13.420	7.6	ug/l	75332	4	12.024	493030	50.0
Naphthalene, 1,...	14.481	5.7	ug/l	56498	4	12.024	493030	50.0