LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

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\82X100523W.M
Title : SW846 8260

Signal : TIC: VX038340.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.532	231	237	245	rBV	5585	10986	1.37%	0.169%
2	5.385	694	705	720	rBV	82955	244373	30.54%	3.754%
3	5.550	722	732	749	rVV	135613	380521	47.55%	5.845%
4	5.952	789	798	813	rBV	93309	247357	30.91%	3.800%
5	6.763	921	931	946	rBV	217961	521464	65.16%	8.010%
6	8.647	1234	1240	1250	rBV	475228	740947	92.59%	11.382%
7	10.055	1465	1471	1487	rBV	533585	712455	89.03%	10.944%
8	11.079	1634	1639	1653	rBV	451965	572804	71.58%	8.799%
9	11.926	1774	1778	1784	rBV2	6354	9031	1.13%	0.139%
10	12.024	1788	1794	1801	rVV	626137	800281	100.00%	12.293%
11	12.085	1801	1804	1809	rVB	7628	9758	1.22%	0.150%
12	12.243	1823	1830	1831	rBV3	9094	10449	1.31%	0.161%
13	12.268	1831	1834	1838	rVV	17628	23010	2.88%	0.353%
14	12.317	1838	1842	1850	rVB4	34066	56517	7.06%	0.868%
15	12.463	1862	1866	1871	rVB	19831	24119	3.01%	0.370%
16	12.530	1873	1877	1879	rBV	43891	55984	7.00%	0.860%
17	12.554	1879	1881	1886	rVB	53305	56714	7.09%	0.871%
18	12.615	1886	1891	1895	rBV	111961	142215	17.77%	2.185%
19	12.719	1900	1908	1915	rBV3	26526	57434	7.18%	0.882%
20	12.792	1915	1920	1924	rBV2	8272	11949	1.49%	0.184%
21	12.847	1924	1929	1934	rBV2	64822	86896	10.86%	1.335%
22	12.920	1934	1941	1944	rBV	130128	159480	19.93%	2.450%
23	12.963	1944	1948	1954	rVB	226354	263140	32.88%	4.042%
24	13.024	1954	1958	1960	rBV	20213	27663	3.46%	0.425%
25	13.066	1963	1965	1969	rVB	21998	22504	2.81%	0.346%
26	13.164	1975	1981	1986	rBV3	66608	95354	11.92%	1.465%
27	13.213	1986	1989	1992	rVB2	14614	15984	2.00%	0.246%
28	13.255	1992	1996	1998	rBV2	35822	52906	6.61%	0.813%
29	13.286	1998	2001	2011	rVB2	189245	290172	36.26%	4.457%
30	13.371	2011	2015	2020	rVB	37927	46780	5.85%	0.719%
31	13.426	2020	2024	2030	rVB2	13529	19189	2.40%	0.295%
32	13.499	2030	2036	2041	rBV2	11443	18262	2.28%	0.281%
33	13.579	2044	2049	2051	rBV	67371	94398	11.80%	1.450%
34	13.676	2060	2065	2069	rVB	43332	52498	6.56%	0.806%
35	13.774	2076	2081	2089	rBV	251640	326749	40.83%	5.019%
36	13.932	2098	2107	2110	rBV2	16914	26594	3.32%	0.409%

LSC Area Percent Report

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Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Title : SW846 8260

37	13.969	2110	2113	2120	rVB	6775	9185	1.15%	0.141%
38	14.072	2126	2130	2136	rVB	18171	23375	2.92%	0.359%
39	14.213	2149	2153	2159	rVB	15681	22741	2.84%	0.349%
40	14.316	2165	2170	2175	rBV	24867	31640	3.95%	0.486%
41	14.371	2175	2179	2183	rVB	8586	10030	1.25%	0.154%
42	14.633	2215	2222	2228	rBV	63559	83393	10.42%	1.281%
43	14.780	2237	2246	2254	rBV	33642	42698	5.34%	0.656%

Sum of corrected areas: 6509999

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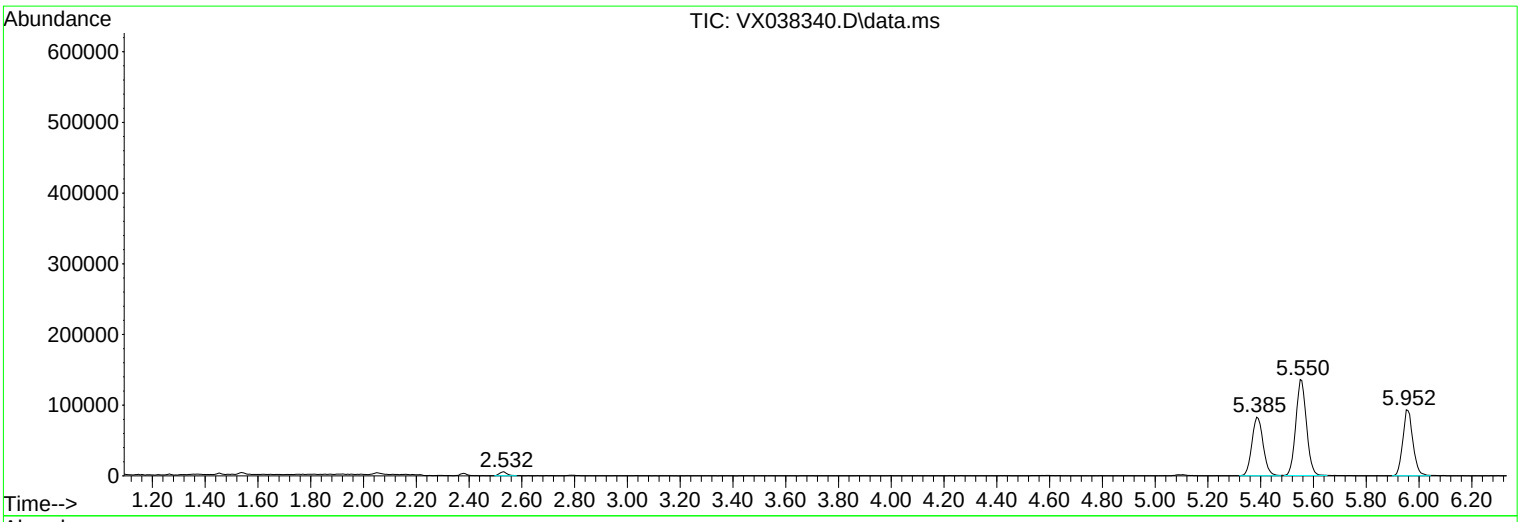
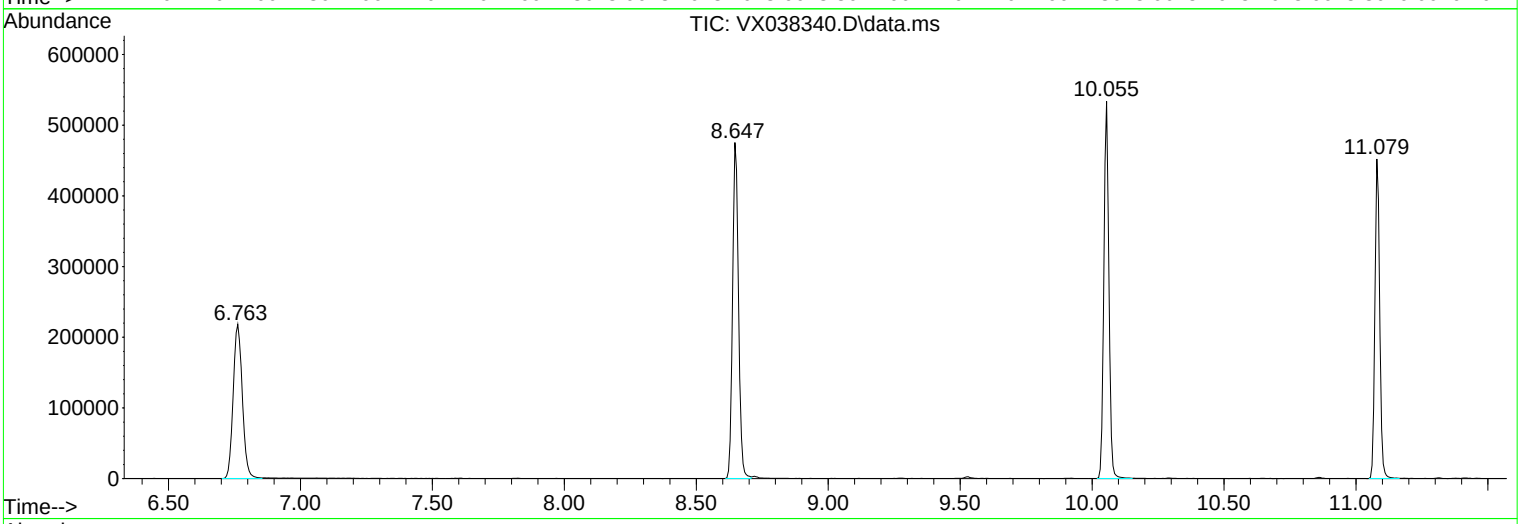
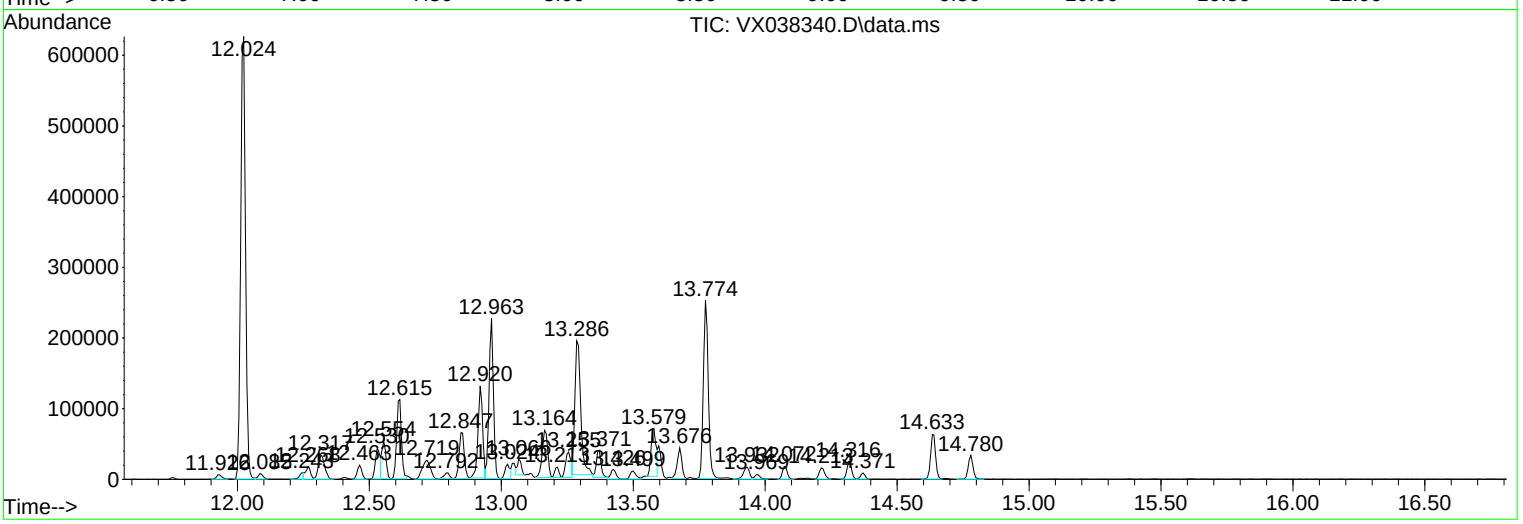
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

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







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Data File : VX038340.D
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Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

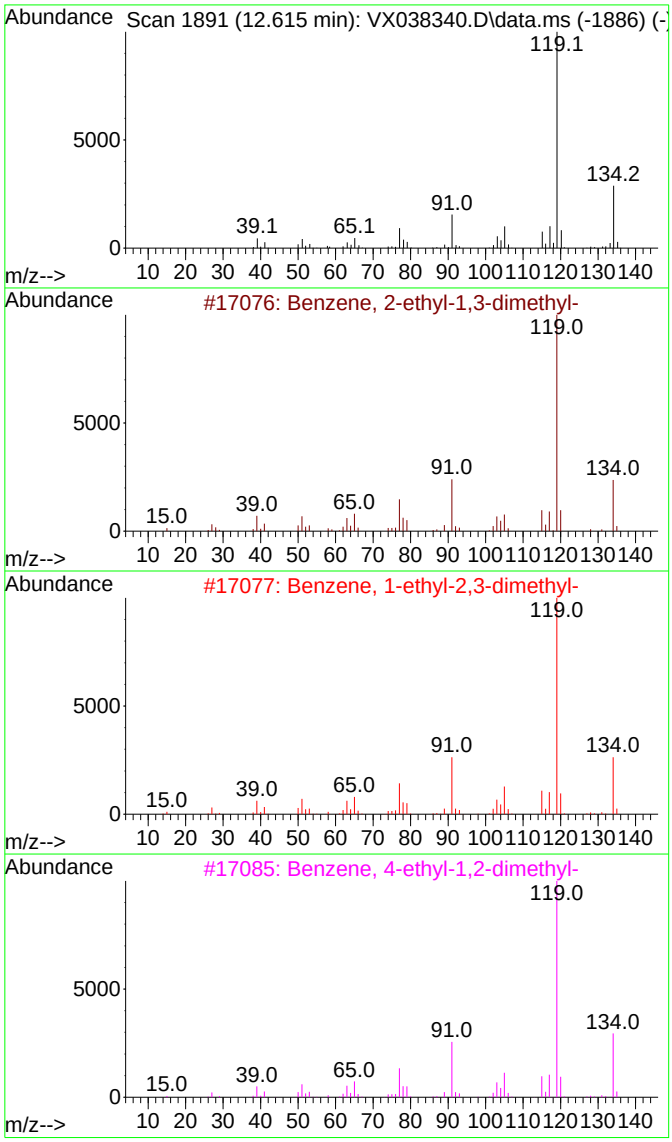
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

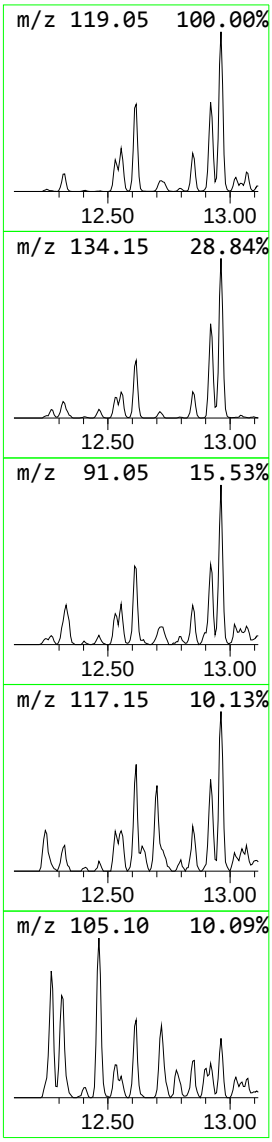
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	8.89 ug/l	142215	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

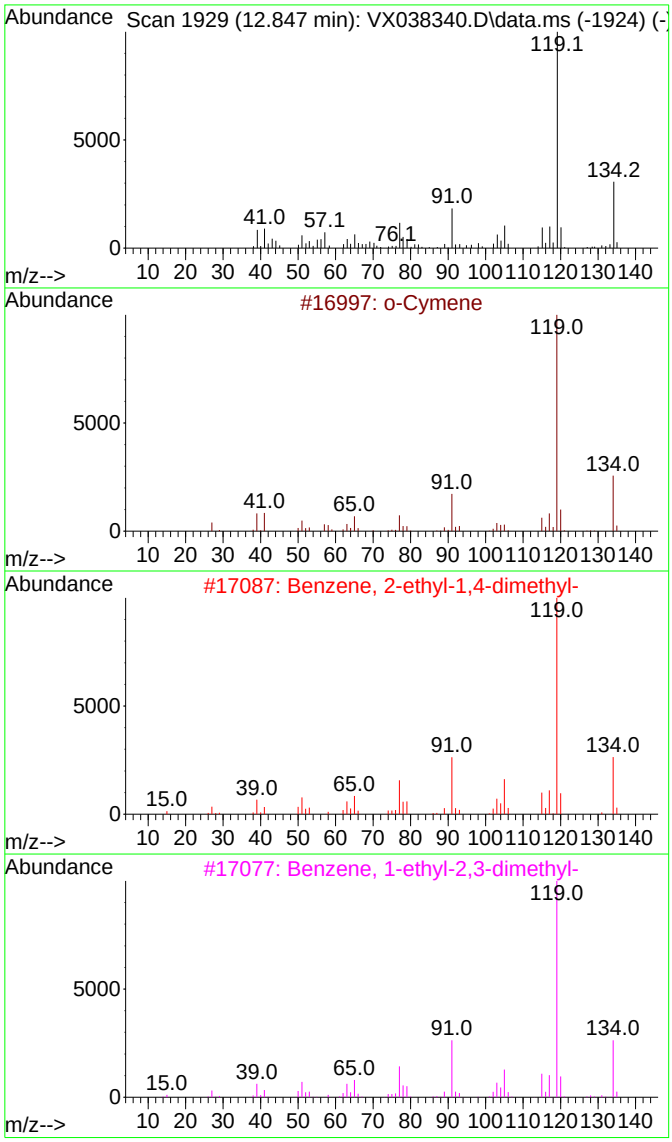
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

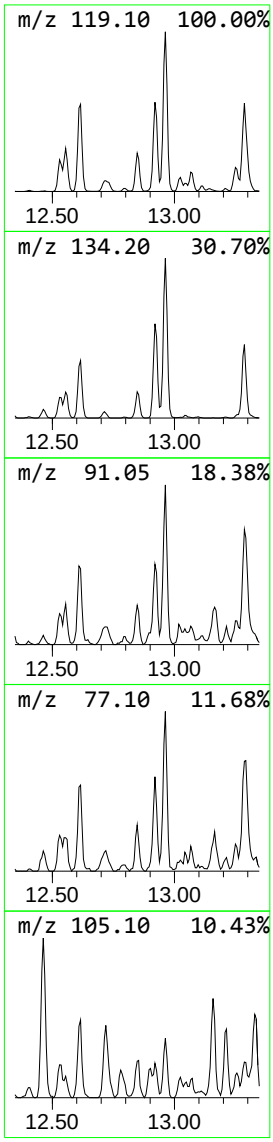
****

Peak Number 2 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.847	5.43 ug/l	86896	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

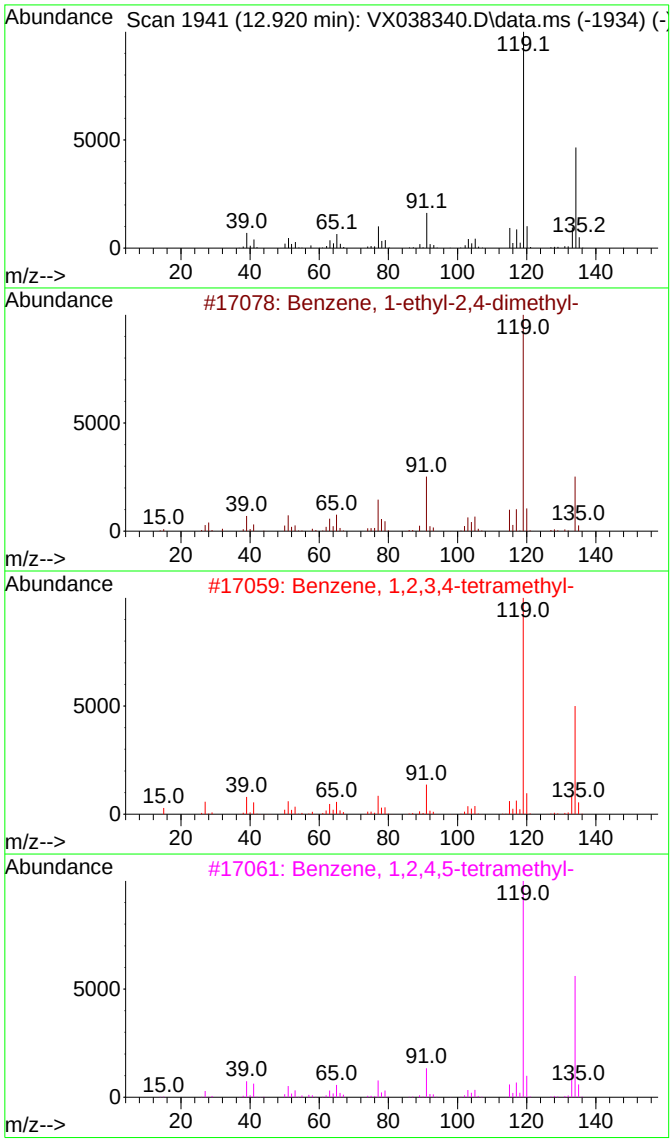
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

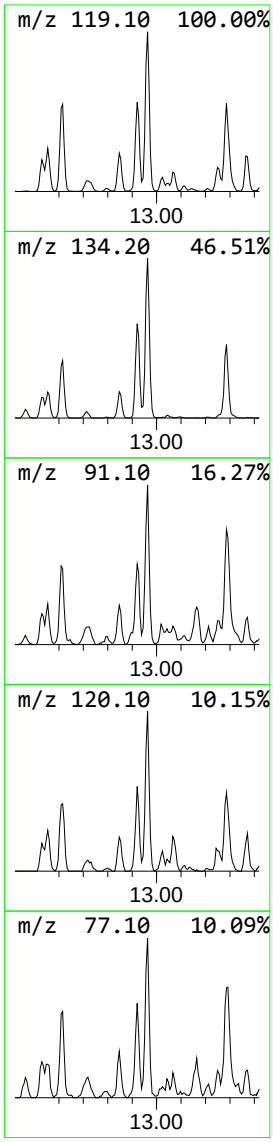
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	9.96 ug/l	159480	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

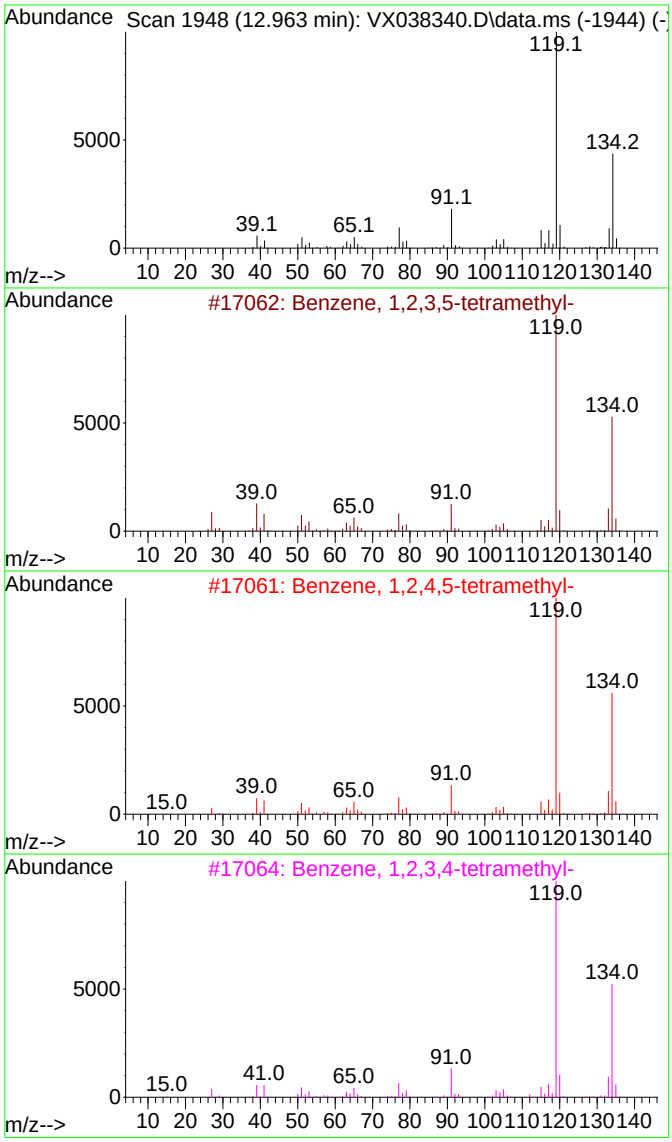
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

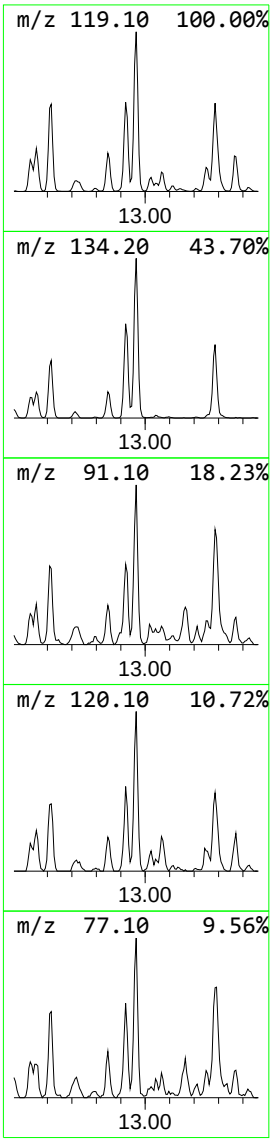
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	16.44 ug/l	263140	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : VX038340.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

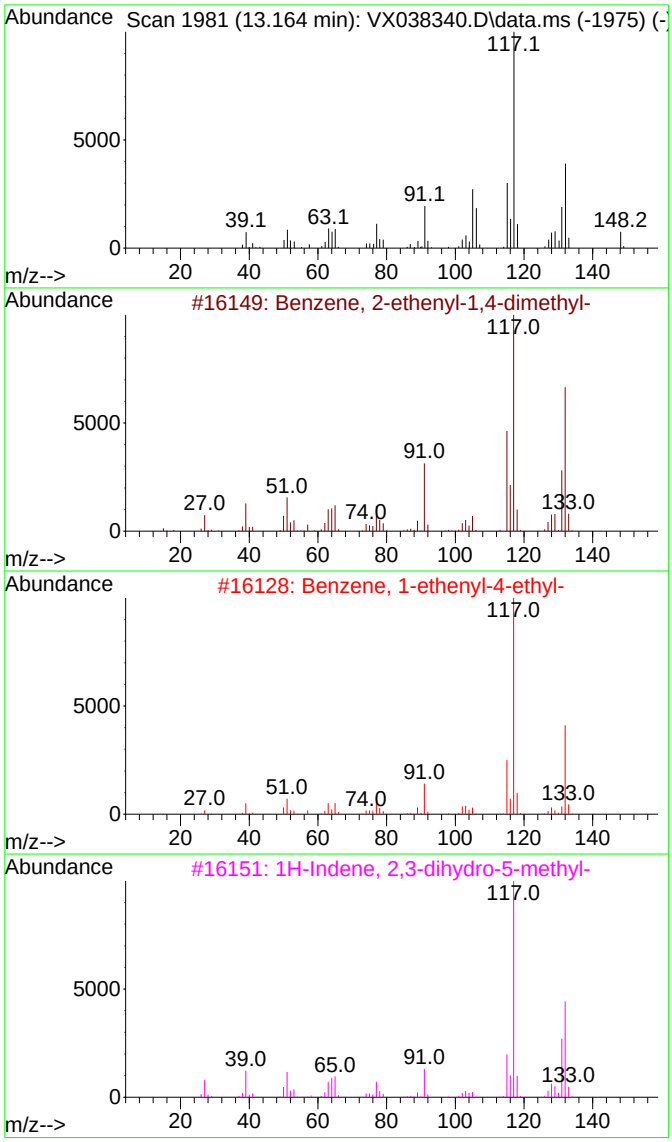
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

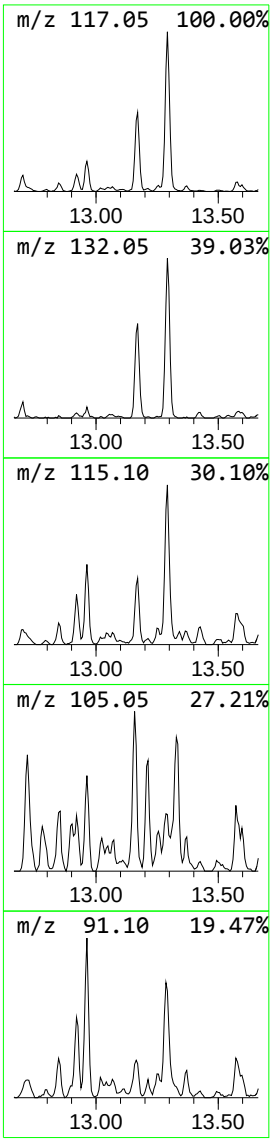
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	5.96 ug/l	95354	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	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

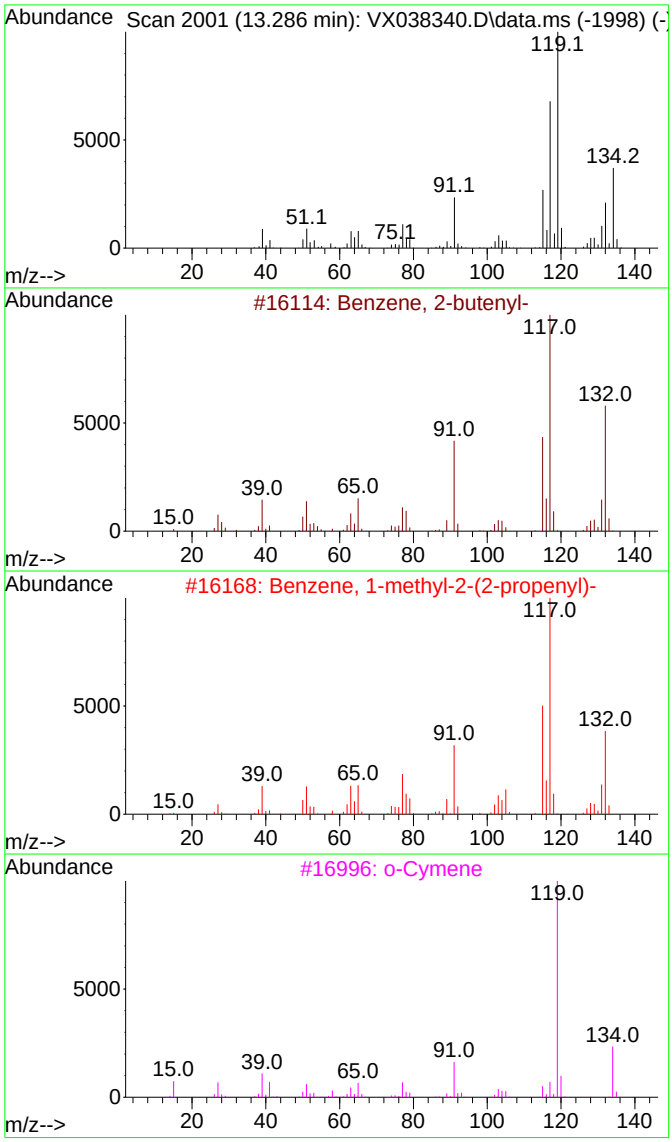
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

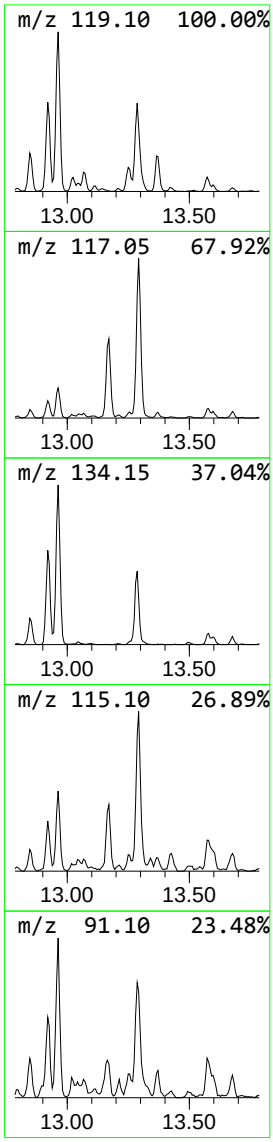
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	18.13 ug/l	290172	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3	o-Cymene	134	C10H14	000527-84-4	55
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5	p-Cymene	134	C10H14	000099-87-6	55





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Operator : JC/MD
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

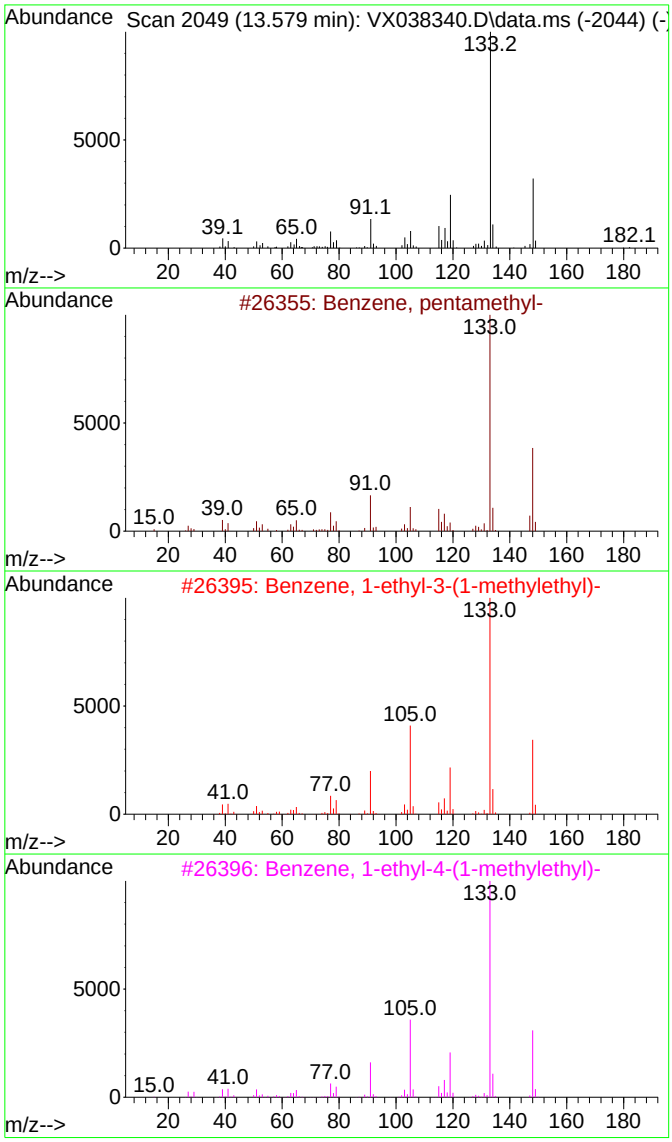
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

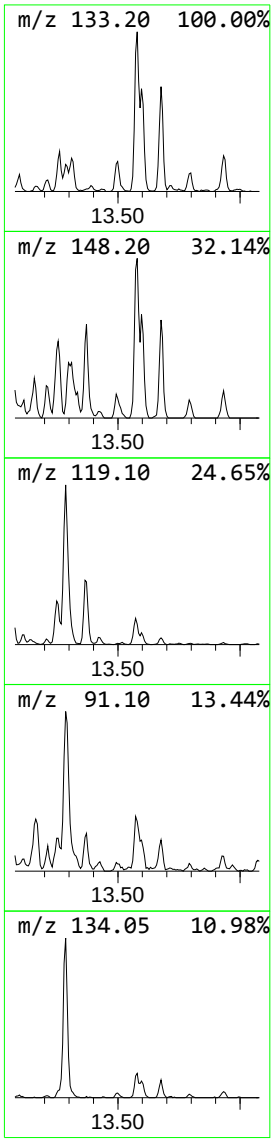
****

Peak Number 7 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	5.90 ug/l	94398	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	91
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

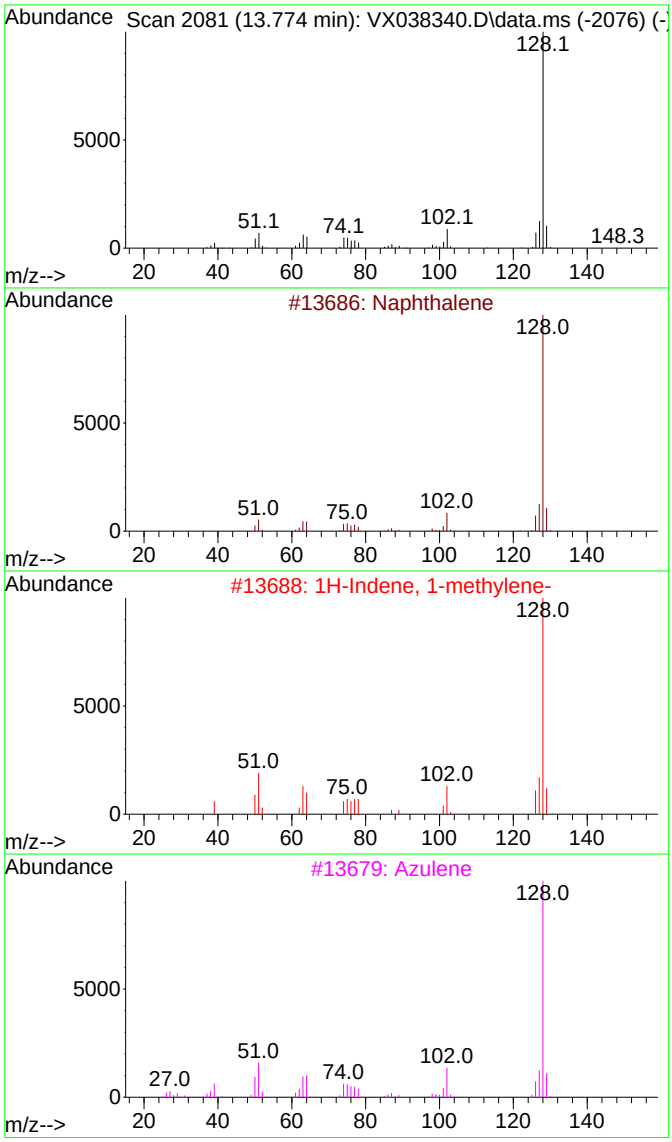
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

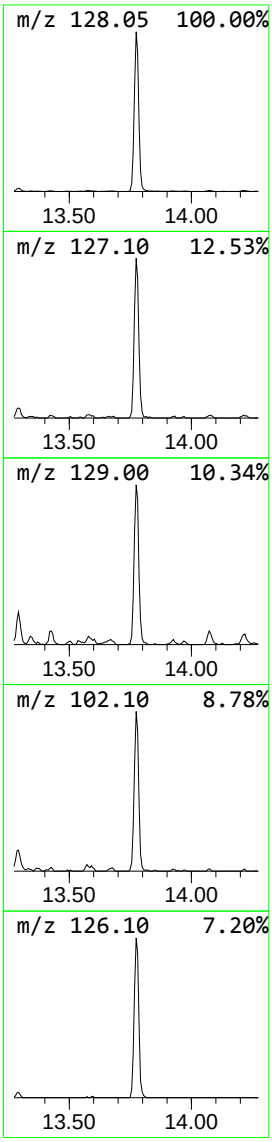
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 1-methylene- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	20.41 ug/l	326749	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260

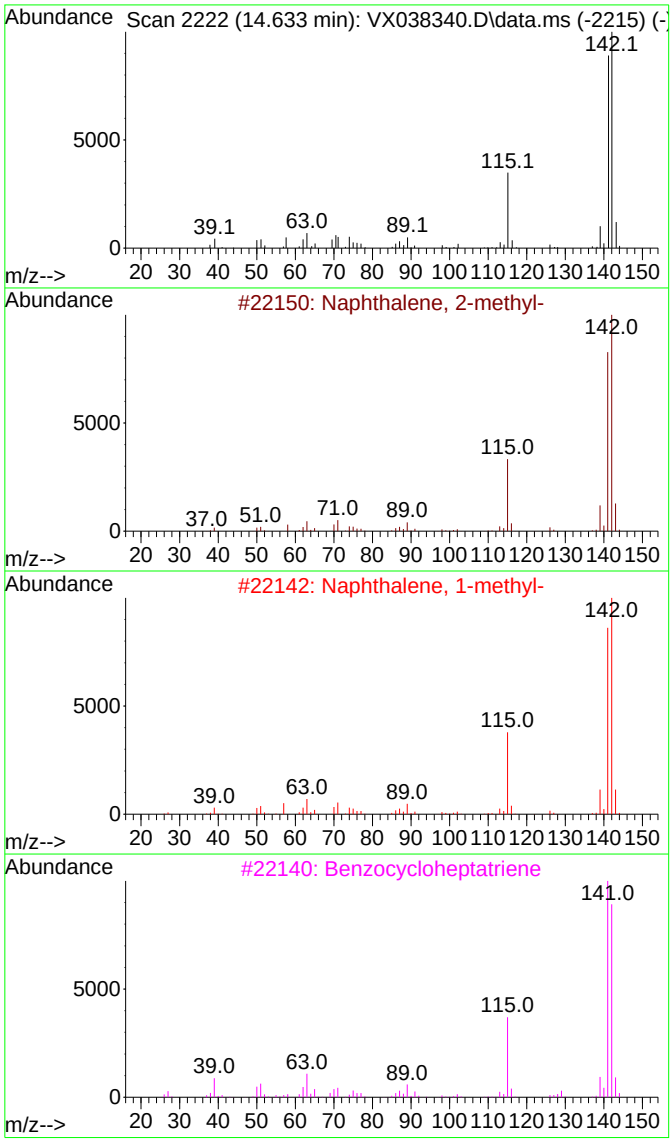
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

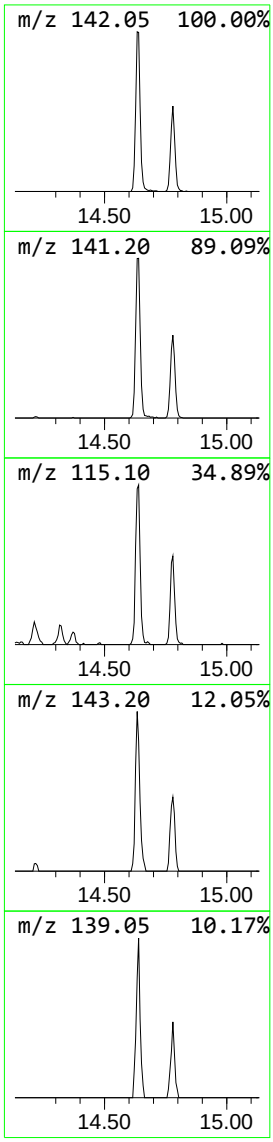
****

Peak Number 9 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	5.21 ug/l	83393	1,4-Dichlorobenzene-d4	12.024

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038340.D
Acq On : 17 Oct 2023 19:23
Operator : JC/MD
Sample : 04917-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LSS-B2-TW-101623

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.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, 2-ethy...	12.615	8.9	ug/l	142215	4	12.024	800281	50.0
o-Cymene	12.847	5.4	ug/l	86896	4	12.024	800281	50.0
Benzene, 1-ethy...	12.920	10.0	ug/l	159480	4	12.024	800281	50.0
Benzene, 1,2,3,...	12.963	16.4	ug/l	263140	4	12.024	800281	50.0
Benzene, 2-ethe...	13.164	6.0	ug/l	95354	4	12.024	800281	50.0
Benzene, 2-bute...	13.286	18.1	ug/l	290172	4	12.024	800281	50.0
Benzene, pentam...	13.579	5.9	ug/l	94398	4	12.024	800281	50.0
1H-Indene, 1-me...	13.774	20.4	ug/l	326749	4	12.024	800281	50.0
Benzocyclohepta...	14.633	5.2	ug/l	83393	4	12.024	800281	50.0