LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

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\82X052924W.M
Title : SW846 8260

Signal : TIC: VX041710.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	42	47	54	rBV	116171	126494	2.82%	0.367%
2	1.715	98	103	113	rVB	239718	310714	6.93%	0.902%
3	1.928	134	138	152	rVB2	95135	165751	3.70%	0.481%
4	2.050	152	158	164	rBV	55611	76344	1.70%	0.222%
5	2.197	178	182	191	rVB	35077	54548	1.22%	0.158%
6	2.392	209	214	228	rVB	41416	73849	1.65%	0.214%
7	2.812	278	283	286	rBV	30135	57259	1.28%	0.166%
8	2.849	286	289	299	rVB	70128	137320	3.06%	0.398%
9	2.947	299	305	320	rVB	35049	84184	1.88%	0.244%
10	3.087	320	328	342	rVB2	35768	100290	2.24%	0.291%
11	4.294	516	526	540	rVB	87298	249655	5.57%	0.724%
12	4.586	565	574	592	rBV2	11582	47504	1.06%	0.138%
13	5.385	693	705	712	rBV	73705	218775	4.88%	0.635%
14	5.464	712	718	724	rVV3	42360	134008	2.99%	0.389%
15	5.550	724	732	761	rVB	128475	415937	9.28%	1.207%
16	5.958	789	799	804	rBV	77008	200834	4.48%	0.583%
17	6.037	804	812	826	rVB	553838	1469273	32.79%	4.263%
18	6.763	922	931	942	rBV	188295	466230	10.40%	1.353%
19	7.373	1020	1031	1044	rBV3	41966	112492	2.51%	0.326%
20	8.647	1234	1240	1246	rBV	403905	625472	13.96%	1.815%
21	8.720	1246	1252	1263	rVB	637378	988019	22.05%	2.867%
22	8.958	1281	1291	1297	rBV	70290	115377	2.57%	0.335%
23	9.049	1297	1306	1312	rBV	80461	127576	2.85%	0.370%
24	10.055	1462	1471	1486	rBV	437158	626715	13.98%	1.818%
25	10.195	1488	1494	1501	rBV	2473523	3247297	72.46%	9.422%
26	10.305	1506	1512	1520	rVB	2913139	3985634	88.94%	11.564%
27	10.640	1562	1567	1585	rVB	3524043	4481340	100.00%	13.003%
28	10.963	1614	1620	1625	rBV	86394	111035	2.48%	0.322%
29	11.079	1634	1639	1646	rBV	395196	509796	11.38%	1.479%
30	11.305	1671	1676	1683	rVB	162323	192360	4.29%	0.558%
31	11.396	1683	1691	1696	rVV	463968	680616	15.19%	1.975%
32	11.451	1696	1700	1712	rVB	173989	222586	4.97%	0.646%
33	11.610	1721	1726	1738	rBV	1447228	1805168	40.28%	5.238%
34	11.750	1744	1749	1756	rBV	2063274	2483212	55.41%	7.205%
35	12.024	1789	1794	1799	rVV	478001	640679	14.30%	1.859%
36	12.085	1799	1804	1817	rVB	1755072	2154411	48.08%	6.251%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

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\82X052924W.M
Title : SW846 8260

37	12.244	1822	1830	1838	rBV	2027350	2625162	58.58%	7.617%
38	12.317	1838	1842	1851	rVB2	111576	176678	3.94%	0.513%
39	12.408	1852	1857	1862	rBV2	92622	129887	2.90%	0.377%
40	12.463	1862	1866	1872	rVB	85180	109223	2.44%	0.317%
41	12.530	1872	1877	1880	rBV	179223	239079	5.33%	0.694%
42	12.609	1886	1890	1894	rBV	295764	365535	8.16%	1.061%
43	12.646	1894	1896	1900	rVV	79933	81036	1.81%	0.235%
44	12.701	1900	1905	1913	rVB2	304007	427313	9.54%	1.240%
45	12.847	1924	1929	1935	rVB	121516	154143	3.44%	0.447%
46	12.920	1935	1941	1945	rBV	171524	217460	4.85%	0.631%
47	12.963	1945	1948	1954	rVB	150643	178624	3.99%	0.518%
48	13.170	1978	1982	1991	rVB	164871	213681	4.77%	0.620%
49	13.292	1997	2002	2007	rVB2	543557	694515	15.50%	2.015%
50	13.420	2019	2023	2030	rVB2	70776	91871	2.05%	0.267%
51	13.585	2046	2050	2056	rBV5	29038	49524	1.11%	0.144%
52	13.664	2060	2063	2069	rVB2	36601	51793	1.16%	0.150%
53	13.774	2075	2081	2087	rBV	674592	834267	18.62%	2.421%
54	13.865	2092	2096	2103	rVB	124514	168319	3.76%	0.488%
55	14.780	2240	2246	2253	rBV	116539	157966	3.52%	0.458%

Sum of corrected areas: 34464830

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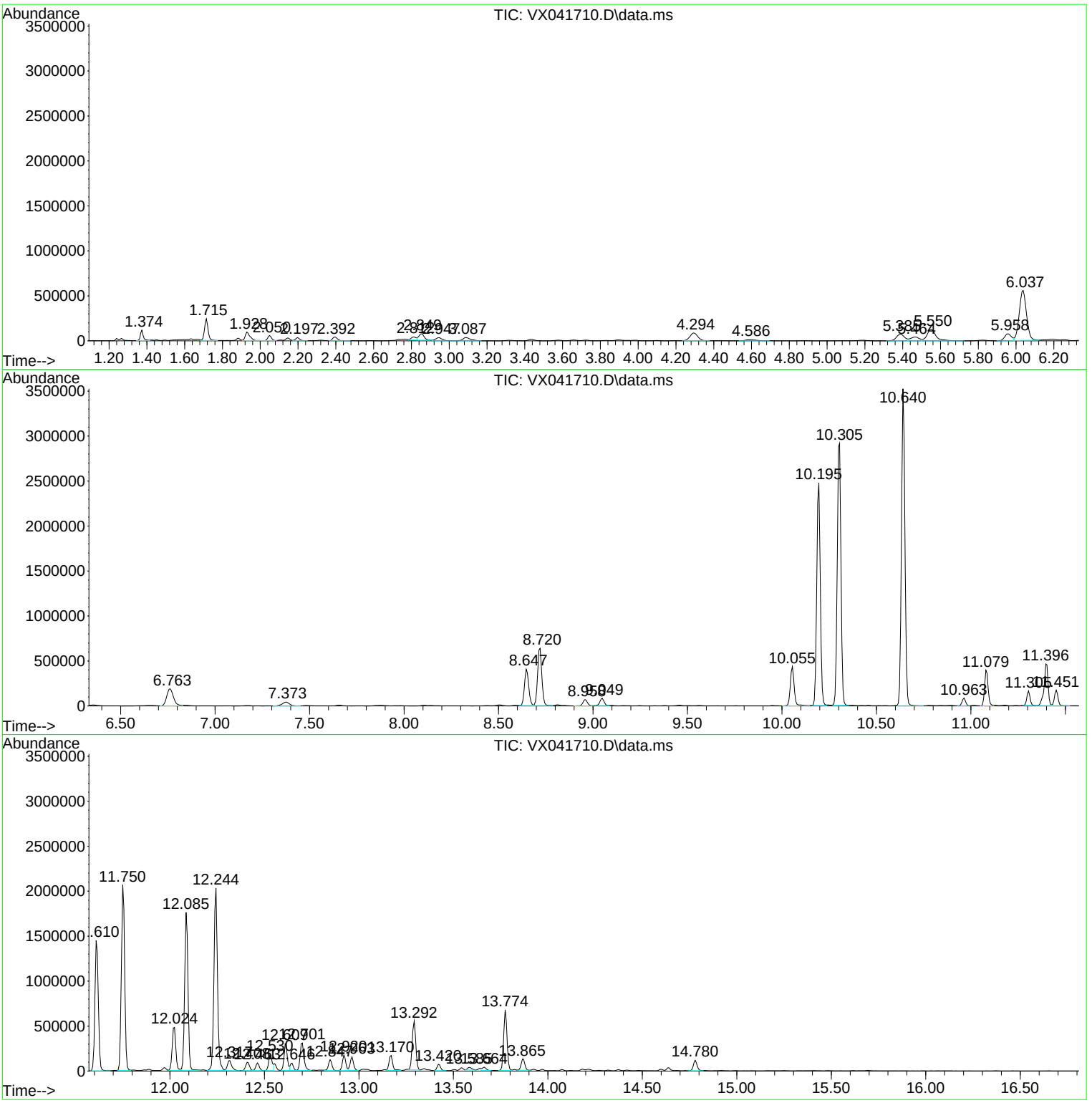
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
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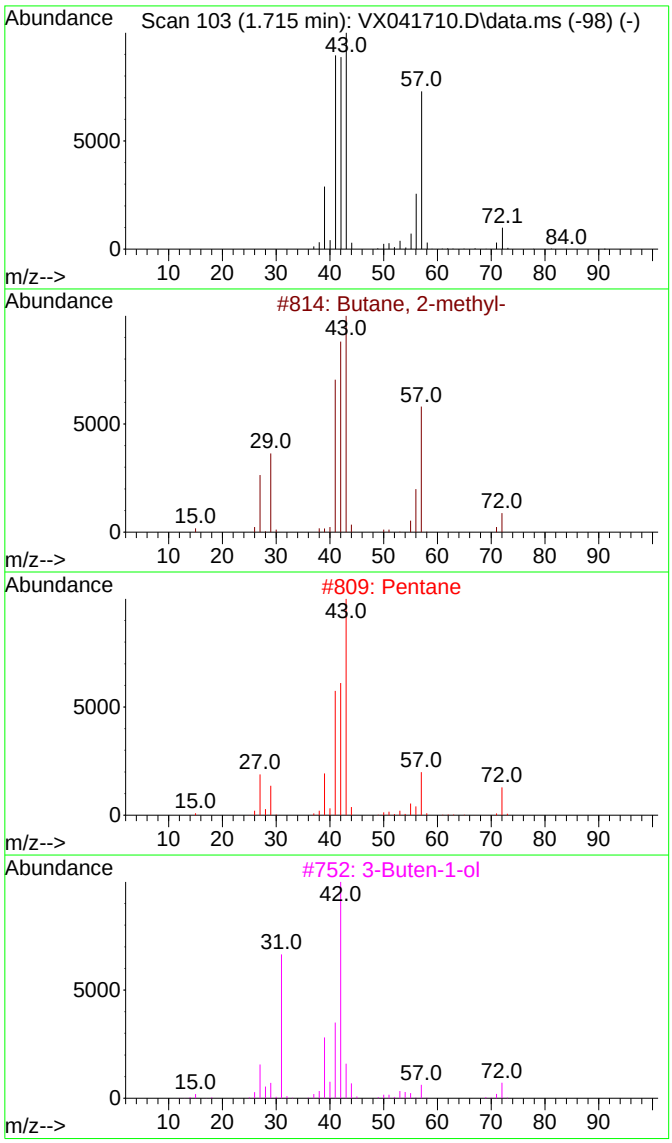
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

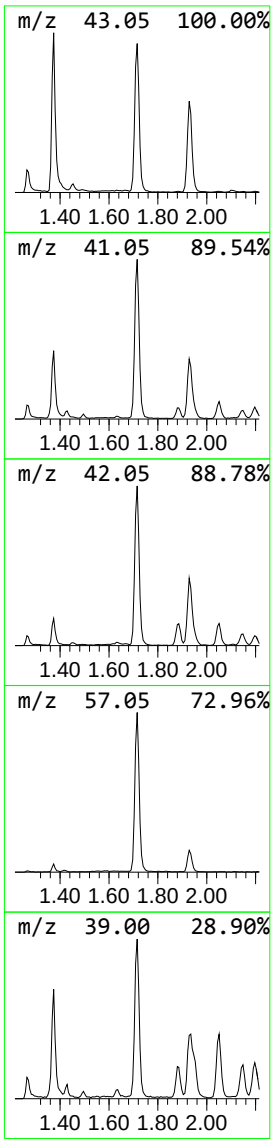
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.715	37.35 ug/l	310714	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Pentane	72	C5H12	000109-66-0	43
3	3-Buten-1-ol	72	C4H8O	000627-27-0	40
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

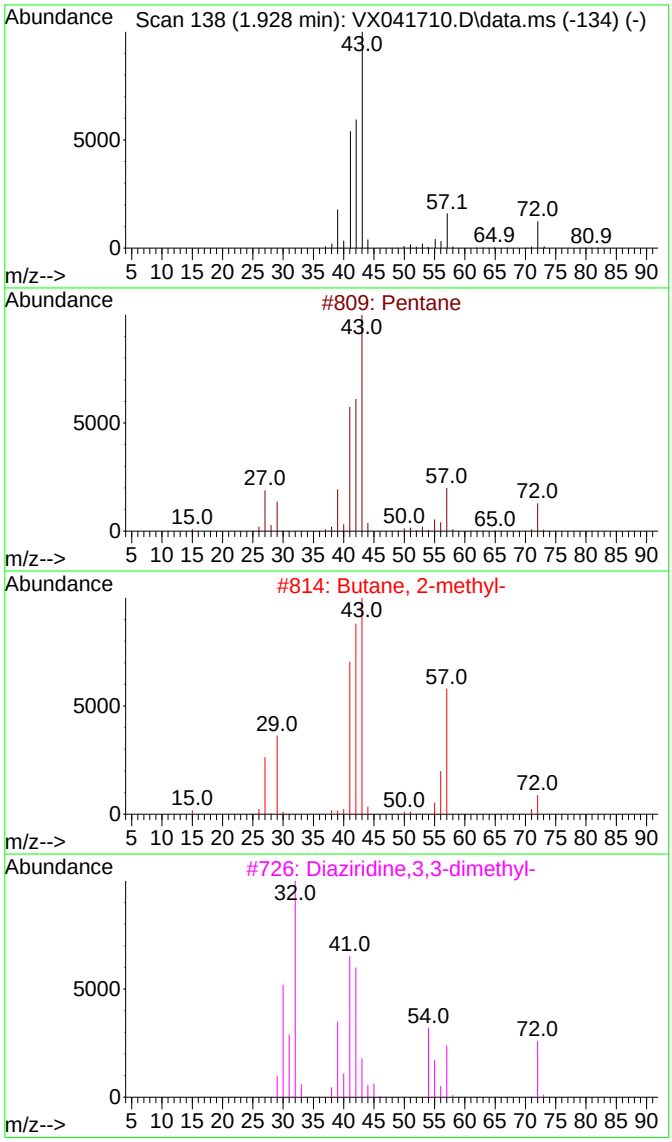
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

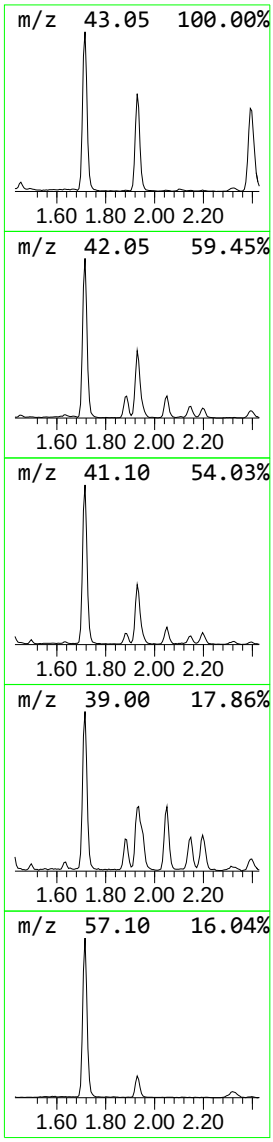
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.928	19.93 ug/l	165751	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	50
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	9
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

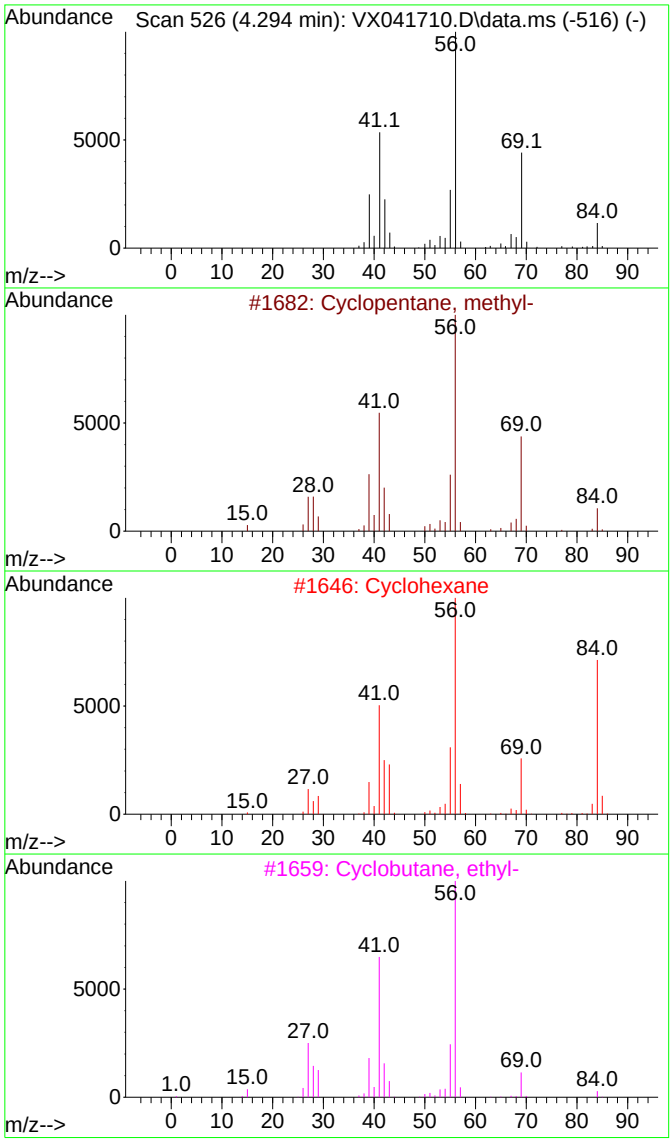
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

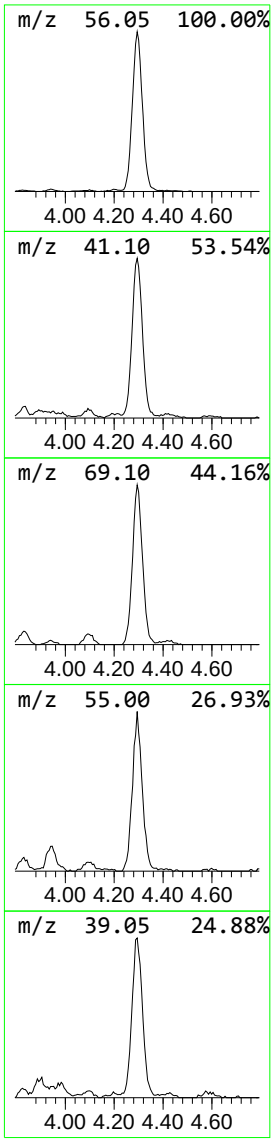
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	30.01 ug/l	249655	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclobutane	56	C4H8	000287-23-0	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

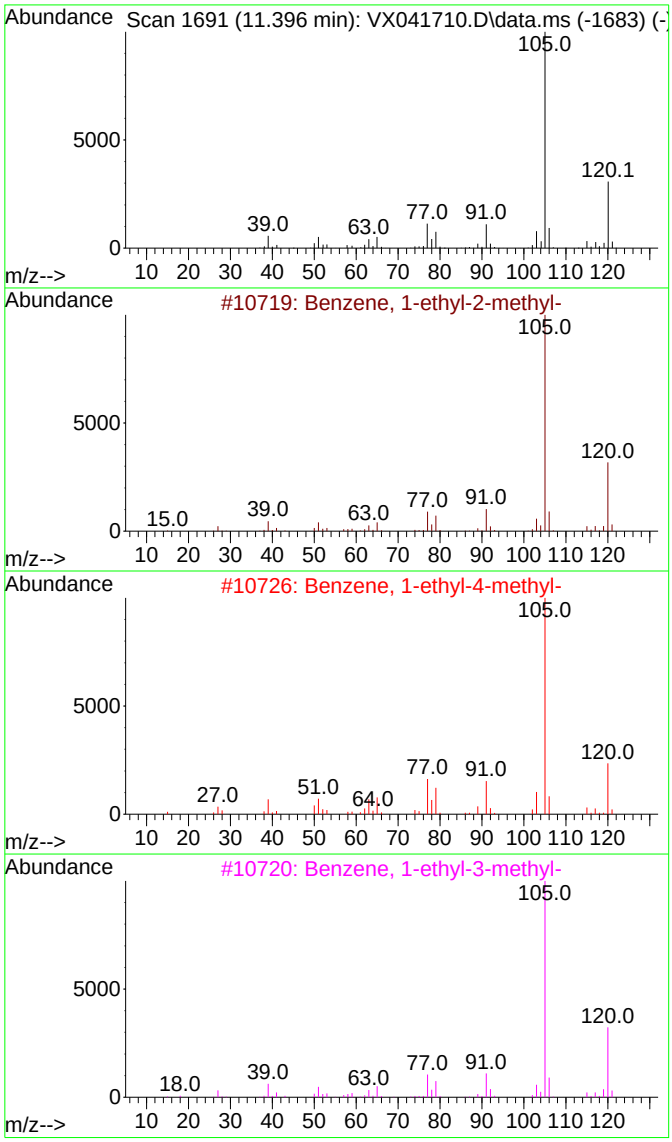
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

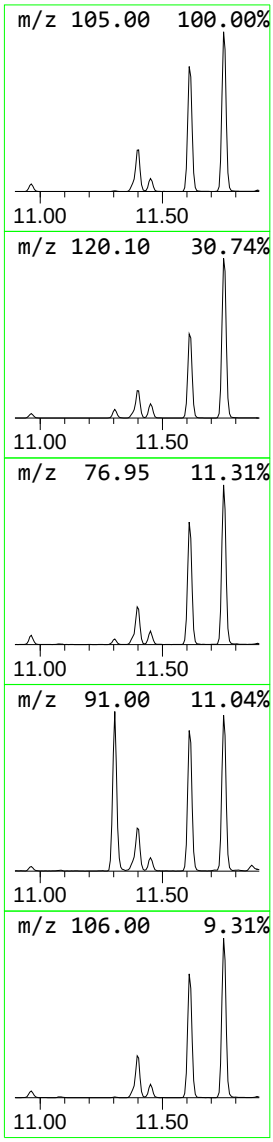
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	53.12 ug/l	680616	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

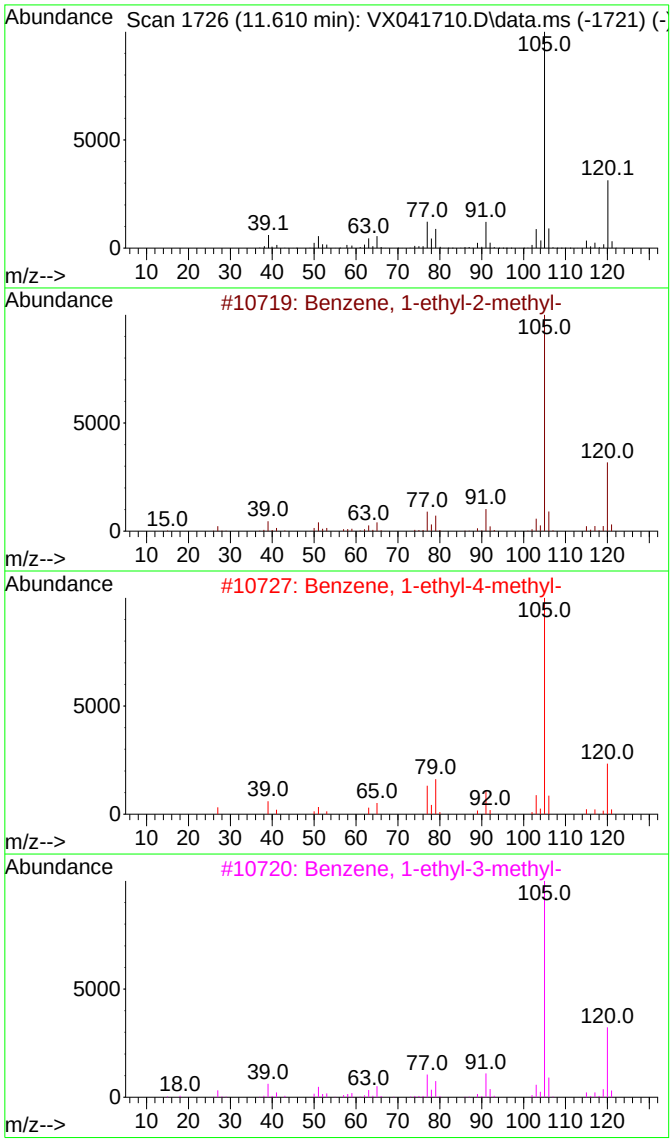
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

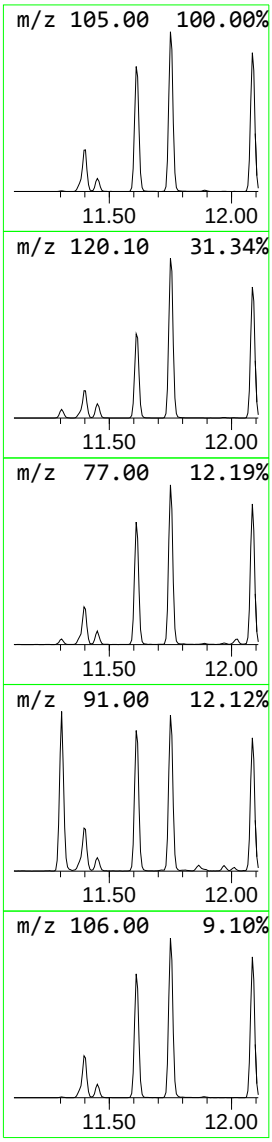
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	140.88 ug/l	1805170	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	94
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





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Acq On : 03 Jun 2024 17:27
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

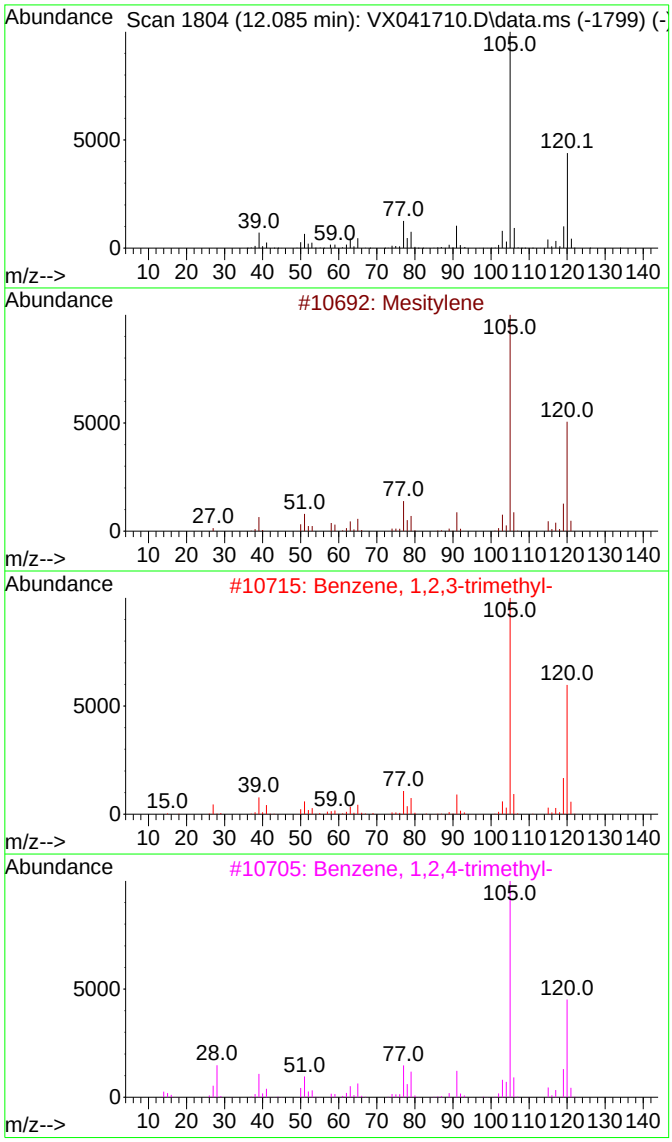
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

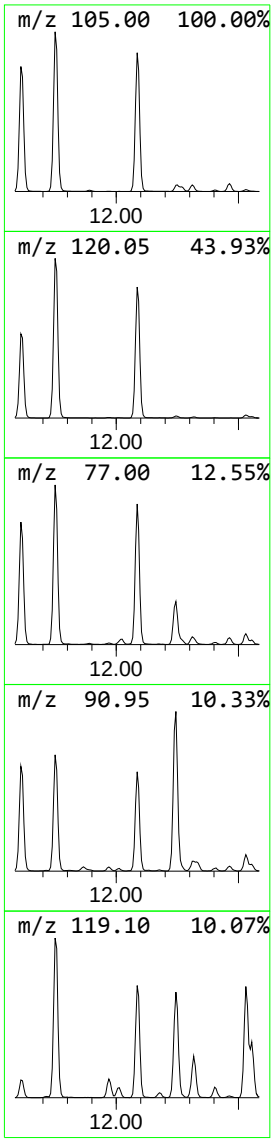
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	168.13 ug/l	2154410	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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Data File : VX041710.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

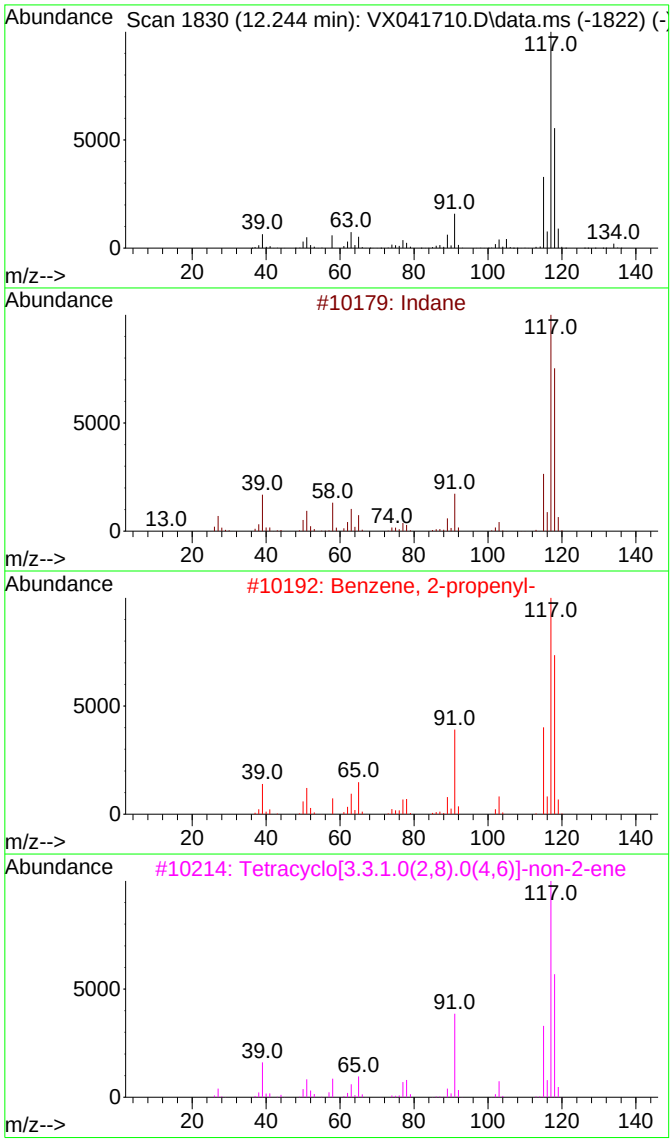
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

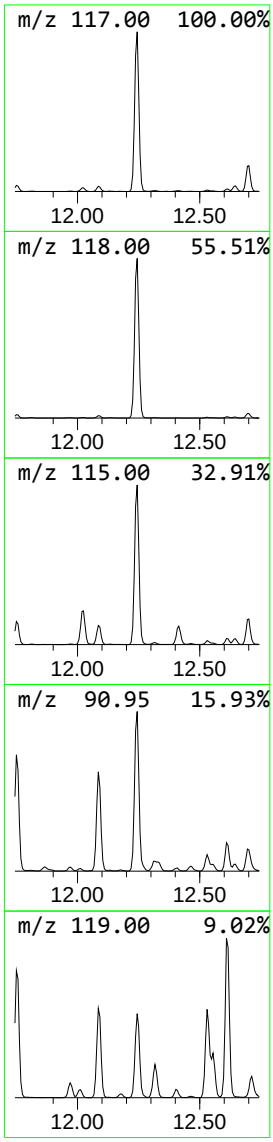
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	204.87 ug/l	2625160	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

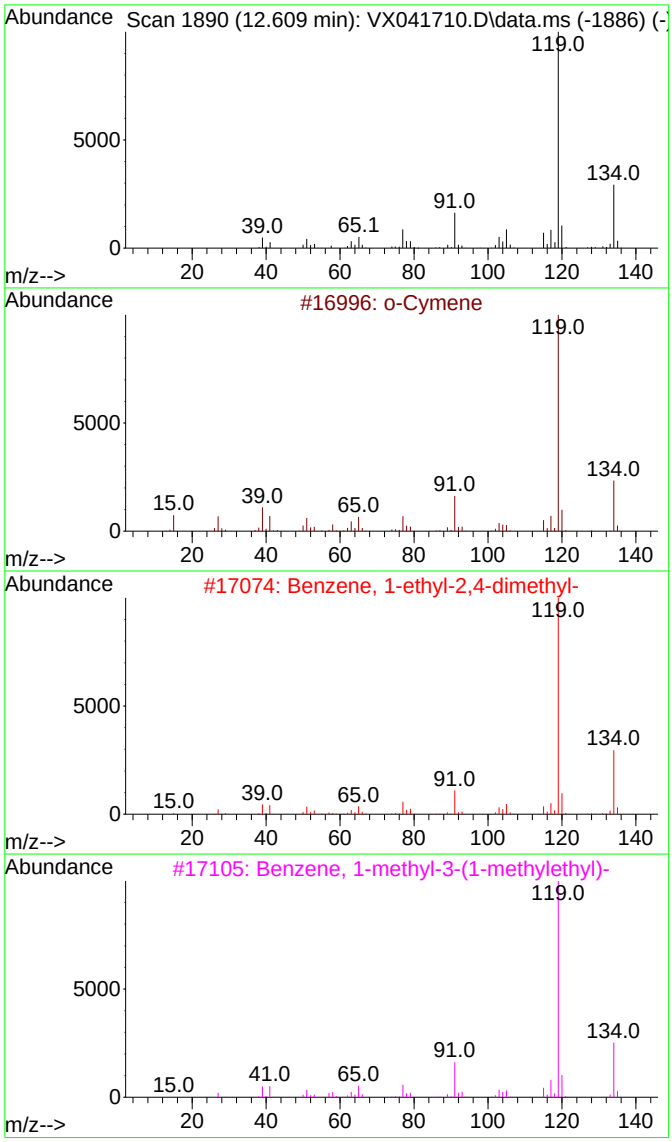
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

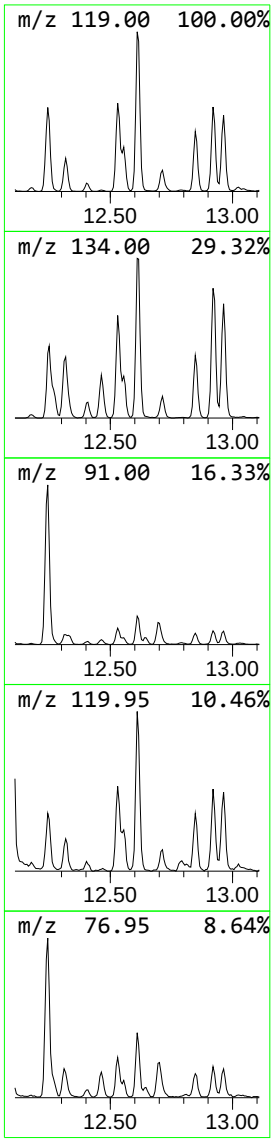
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	28.53 ug/l	365535	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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

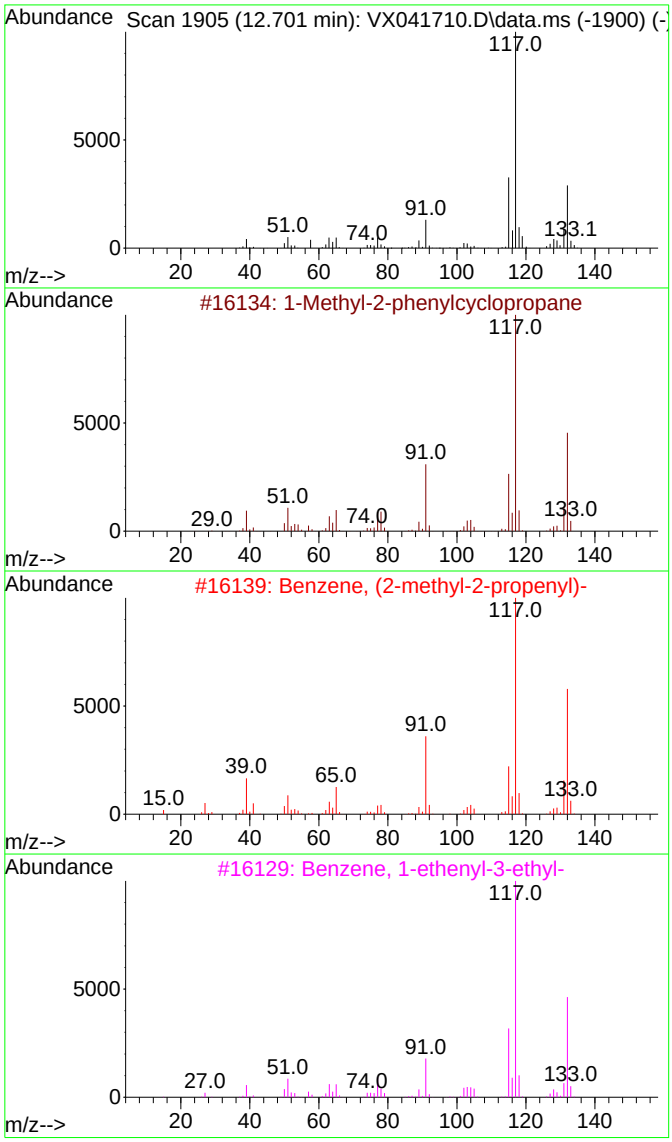
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

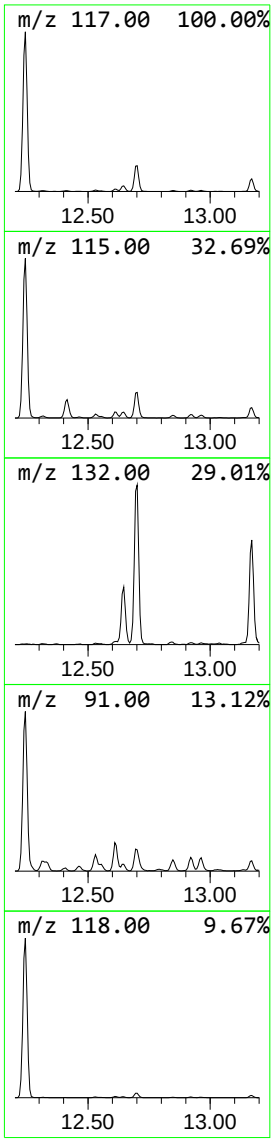
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Methyl-2-phenylcyclopropane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	33.35 ug/l	427313	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

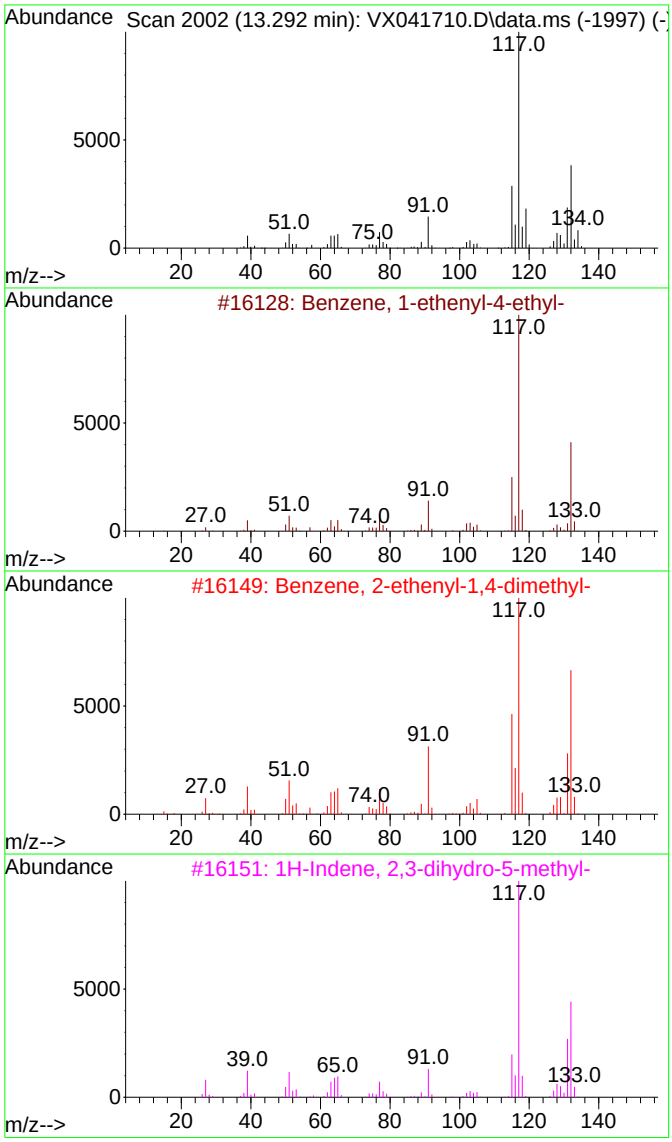
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260

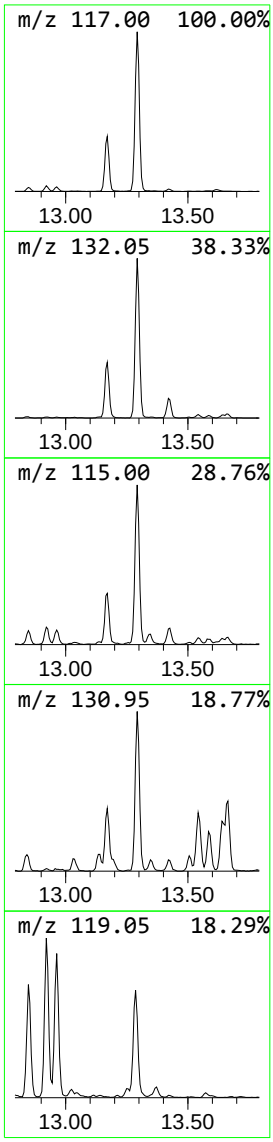
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	54.20 ug/l	694515	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
Data File : VX041710.D
Acq On : 03 Jun 2024 17:27
Operator : JC/MD
Sample : P2660-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.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
Butane, 2-methyl-	1.715	37.4	ug/l	310714	1	5.550	415937	50.0
Pentane	1.928	19.9	ug/l	165751	1	5.550	415937	50.0
Cyclopentane, m...	4.294	30.0	ug/l	249655	1	5.550	415937	50.0
Benzene, 1-ethy...	11.396	53.1	ug/l	680616	4	12.024	640679	50.0
Benzene, 1-ethy...	11.610	140.9	ug/l	1805170	4	12.024	640679	50.0
Benzene, 1-ethy...	12.085	168.1	ug/l	2154410	4	12.024	640679	50.0
Indane	12.244	204.9	ug/l	2625160	4	12.024	640679	50.0
o-Cymene	12.609	28.5	ug/l	365535	4	12.024	640679	50.0
1-Methyl-2-phen...	12.701	33.4	ug/l	427313	4	12.024	640679	50.0
Benzene, 1-ethe...	13.292	54.2	ug/l	694515	4	12.024	640679	50.0