LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	106	112	127	rBV	70158	115069	2.11%	0.317%
2	1.971	141	145	153	rVB2	35345	61215	1.12%	0.169%
3	2.087	159	164	171	rBV	42076	65414	1.20%	0.180%
4	2.233	184	188	198	rVB	43223	73309	1.34%	0.202%
5	2.361	201	209	225	rVB2	30783	72035	1.32%	0.198%
6	2.800	263	281	284	rBV3	46442	145207	2.66%	0.400%
7	2.885	292	295	320	rVB4	39118	117200	2.15%	0.323%
8	3.117	324	333	345	rBV2	37444	96249	1.76%	0.265%
9	4.318	521	530	542	rVB2	60050	181834	3.33%	0.501%
10	5.397	695	707	717	rBV4	209650	663907	12.17%	1.828%
11	5.562	725	734	768	rVB	363947	1269222	23.26%	3.495%
12	5.836	768	779	789	rBV3	25571	80026	1.47%	0.220%
13	5.964	791	800	813	rBV	224234	639756	11.72%	1.762%
14	6.257	826	848	860	rVB2	68630	273352	5.01%	0.753%
15	6.769	923	932	954	rVB	561400	1471983	26.97%	4.054%
16	7.385	1021	1033	1045	rBV5	49073	143318	2.63%	0.395%
17	7.988	1124	1132	1142	rVB	70190	147859	2.71%	0.407%
18	8.110	1144	1152	1161	rBV2	103064	258200	4.73%	0.711%
19	8.647	1228	1240	1248	rBV	1219176	2150660	39.41%	5.923%
20	8.720	1248	1252	1265	rVB	249239	415132	7.61%	1.143%
21	10.055	1466	1471	1476	rBV	1228223	1705319	31.25%	4.696%
22	10.195	1489	1494	1503	rVB	756756	1014241	18.59%	2.793%
23	10.299	1505	1511	1518	rVV	4199278	5457267	100.00%	15.029%
24	10.360	1518	1521	1533	rVB4	33134	67061	1.23%	0.185%
25	10.640	1561	1567	1578	rBV	1409731	1774101	32.51%	4.886%
26	10.957	1615	1619	1626	rBV	272443	366558	6.72%	1.009%
27	11.079	1634	1639	1644	rBV	1040637	1345839	24.66%	3.706%
28	11.305	1665	1676	1682	rBV	327253	439791	8.06%	1.211%
29	11.378	1682	1688	1695	rVV	2016035	3387025	62.06%	9.328%
30	11.451	1695	1700	1712	rVB	974226	1295080	23.73%	3.567%
31	11.610	1721	1726	1734	rBV	781640	950528	17.42%	2.618%
32	11.750	1744	1749	1761	rVB	3258054	3862114	70.77%	10.636%
33	11.969	1782	1785	1788	rVB	51983	56086	1.03%	0.154%
34	12.018	1788	1793	1799	rBV	1382767	1680700	30.80%	4.629%
35	12.085	1799	1804	1809	rBV	655468	823110	15.08%	2.267%
36	12.244	1824	1830	1832	rBV2	446057	620897	11.38%	1.710%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

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\82X070225W.M
Title : SW846 8260

37	12.262	1832	1833	1837	rVV	203855	218964	4.01%	0.603%
38	12.317	1837	1842	1851	rVB2	298649	470699	8.63%	1.296%
39	12.463	1862	1866	1872	rVB	80556	107594	1.97%	0.296%
40	12.530	1872	1877	1879	rBV	153274	210228	3.85%	0.579%
41	12.554	1879	1881	1886	rVB	134229	138386	2.54%	0.381%
42	12.609	1886	1890	1894	rBV	251866	312377	5.72%	0.860%
43	12.695	1900	1904	1913	rVB3	72689	131443	2.41%	0.362%
44	12.847	1924	1929	1934	rBV	52575	66685	1.22%	0.184%
45	12.920	1934	1941	1944	rBV	146947	184254	3.38%	0.507%
46	12.963	1944	1948	1954	rVB	198881	257036	4.71%	0.708%
47	13.164	1977	1981	1986	rVB	95517	118489	2.17%	0.326%
48	13.292	1997	2002	2007	rVB3	209048	297589	5.45%	0.820%
49	13.774	2076	2081	2088	rBV	244468	313722	5.75%	0.864%
50	14.633	2215	2222	2233	rBV	91621	128585	2.36%	0.354%
51	14.780	2239	2246	2254	rBV	45681	68352	1.25%	0.188%

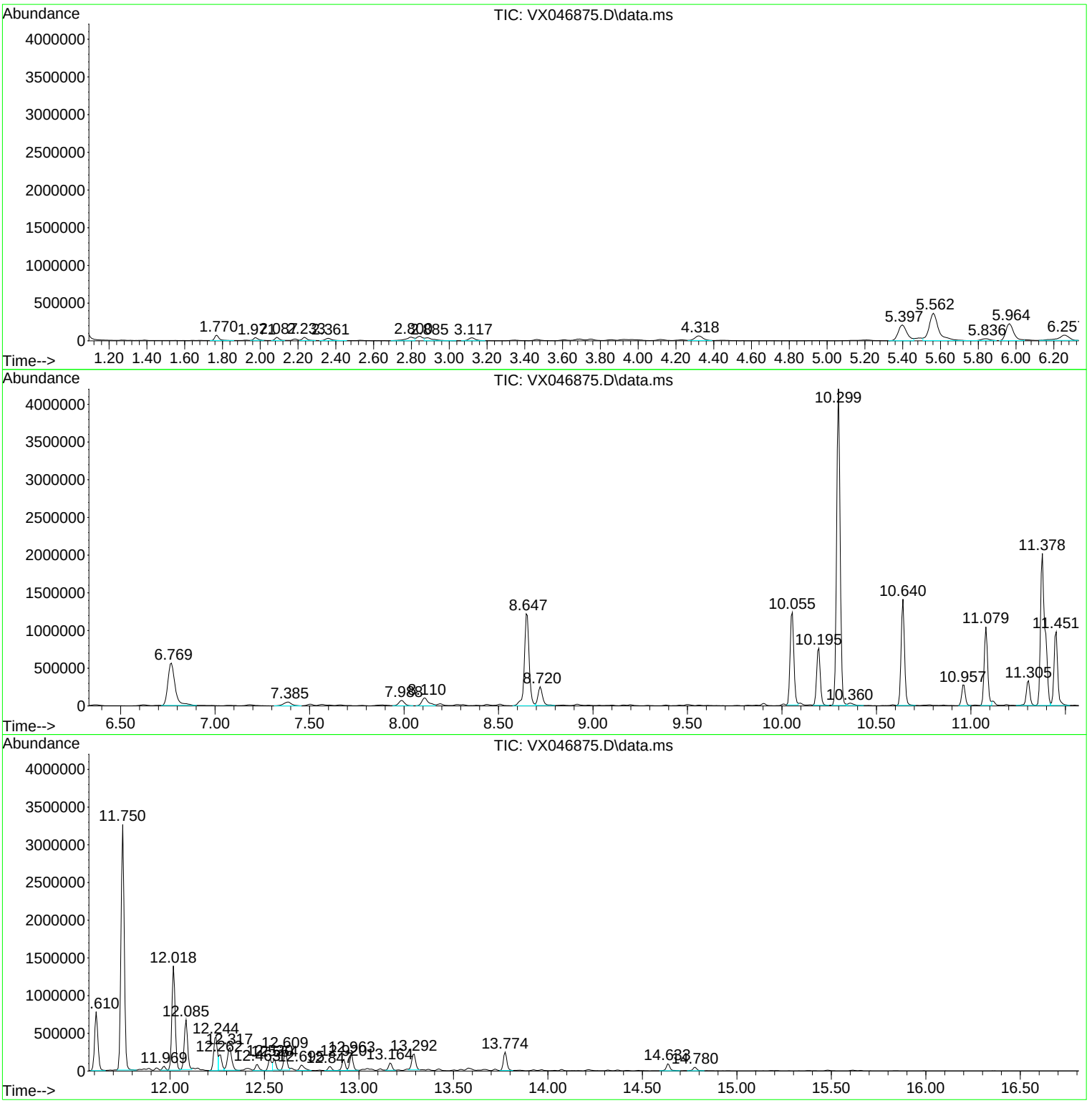
Sum of corrected areas: 36311067

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

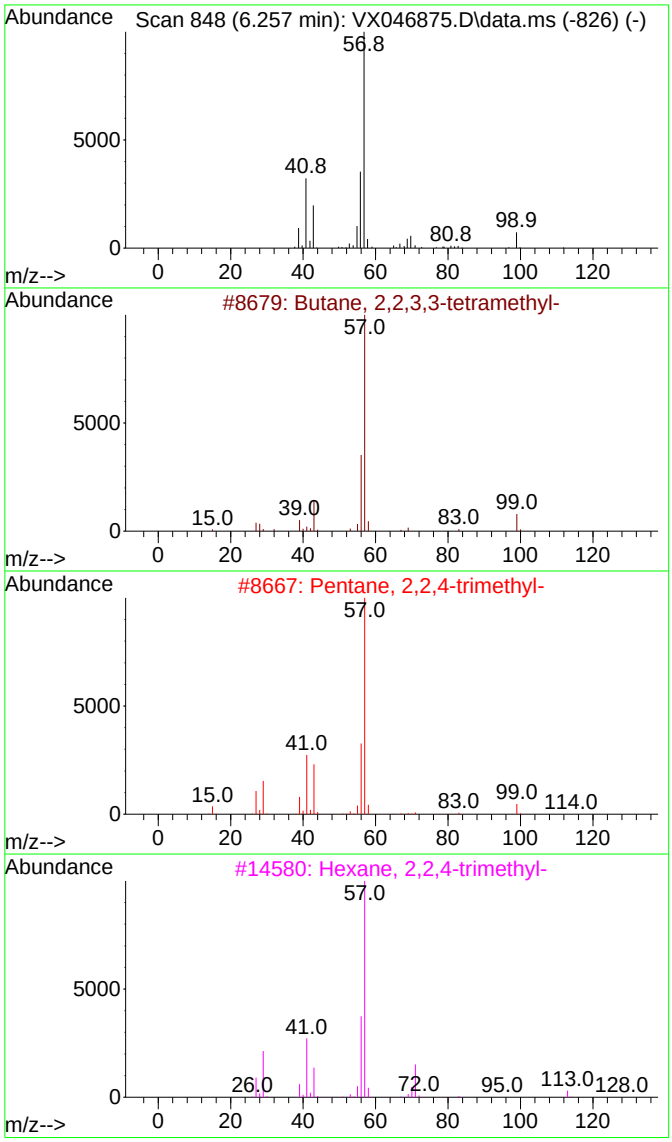
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

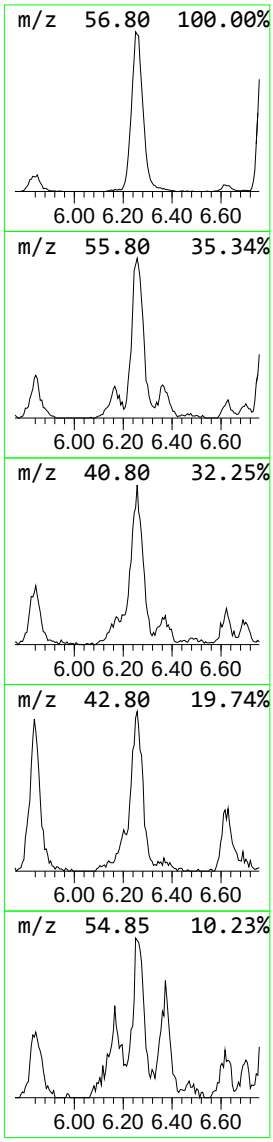
****

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.257	9.29 ug/l	273352	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

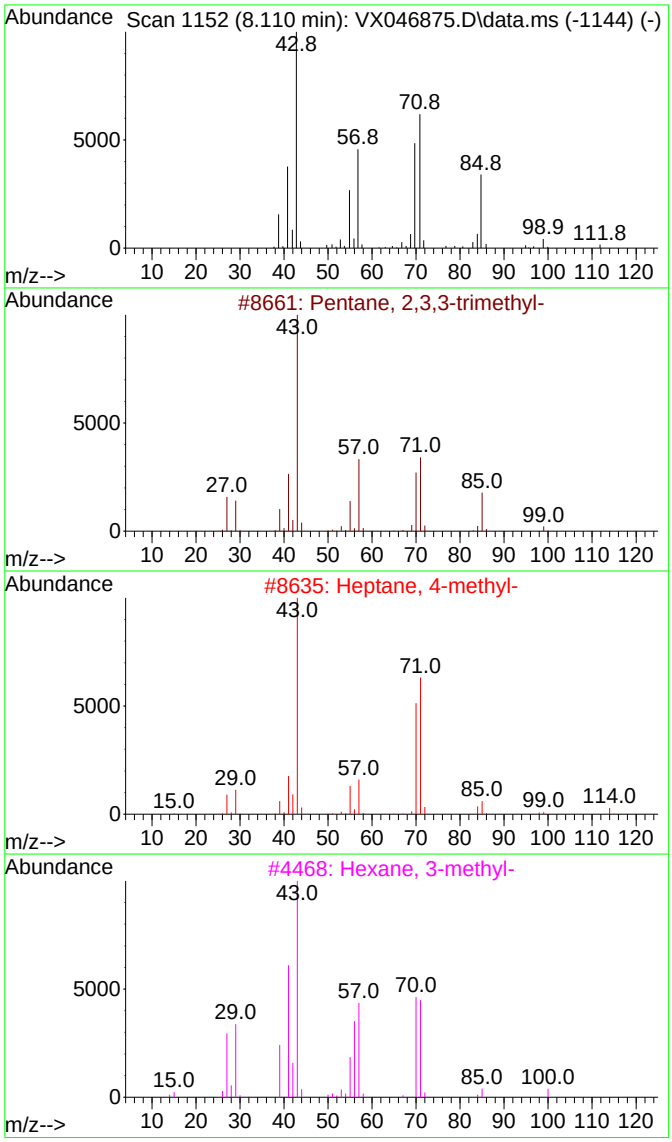
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

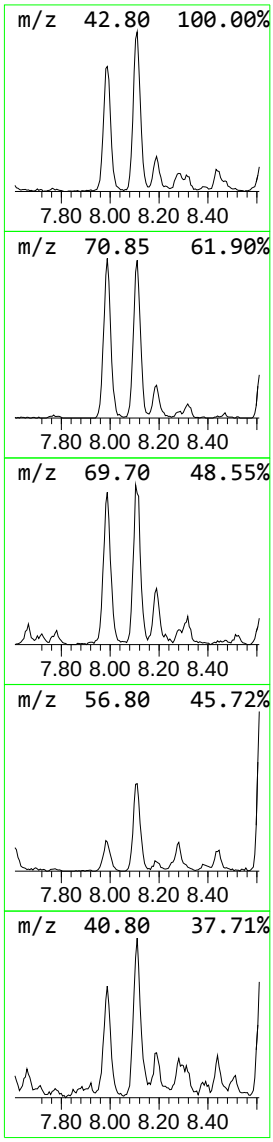
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	8.77 ug/l	258200	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

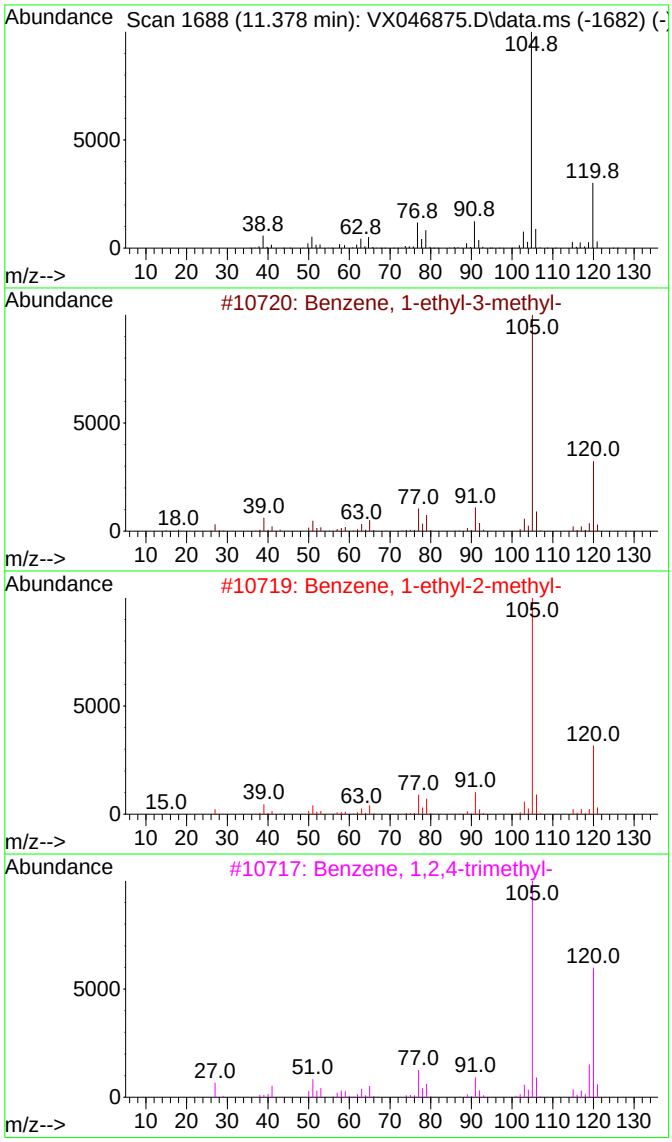
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

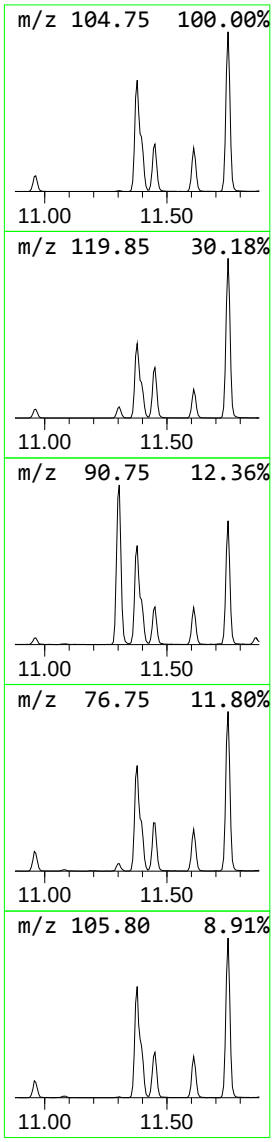
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	100.76 ug/l	3387030	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

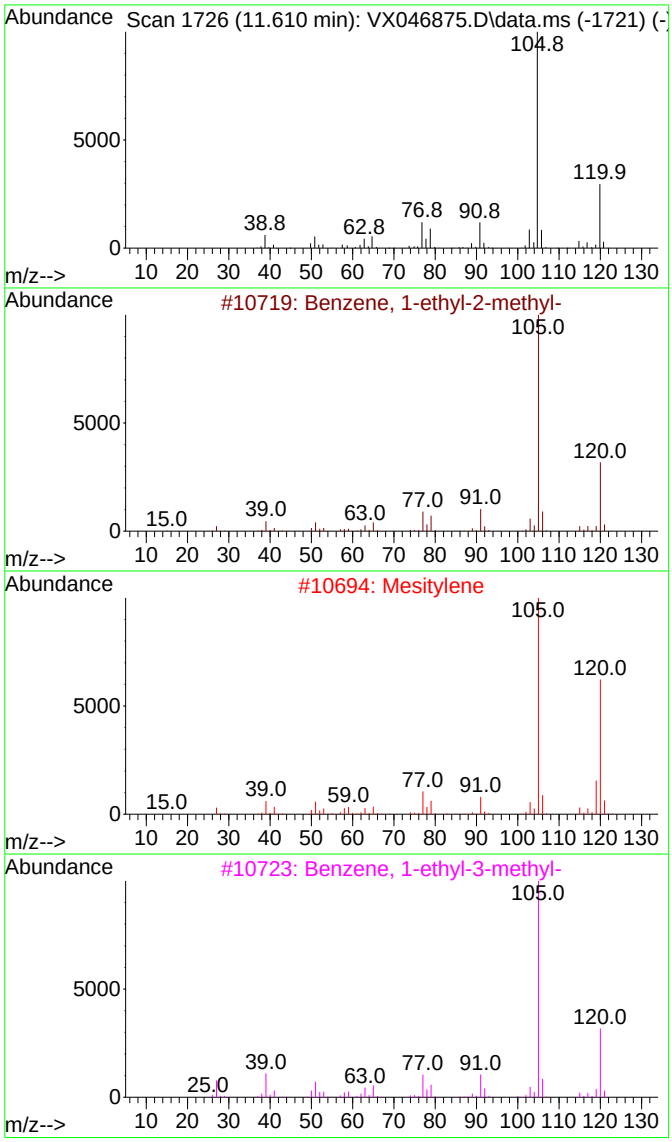
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

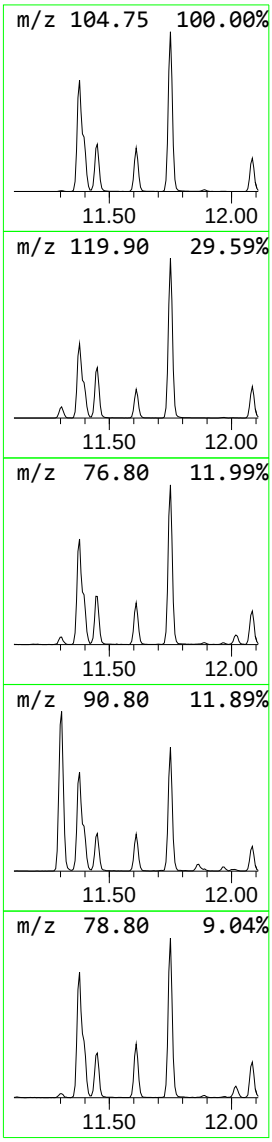
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	28.28 ug/l	950528	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

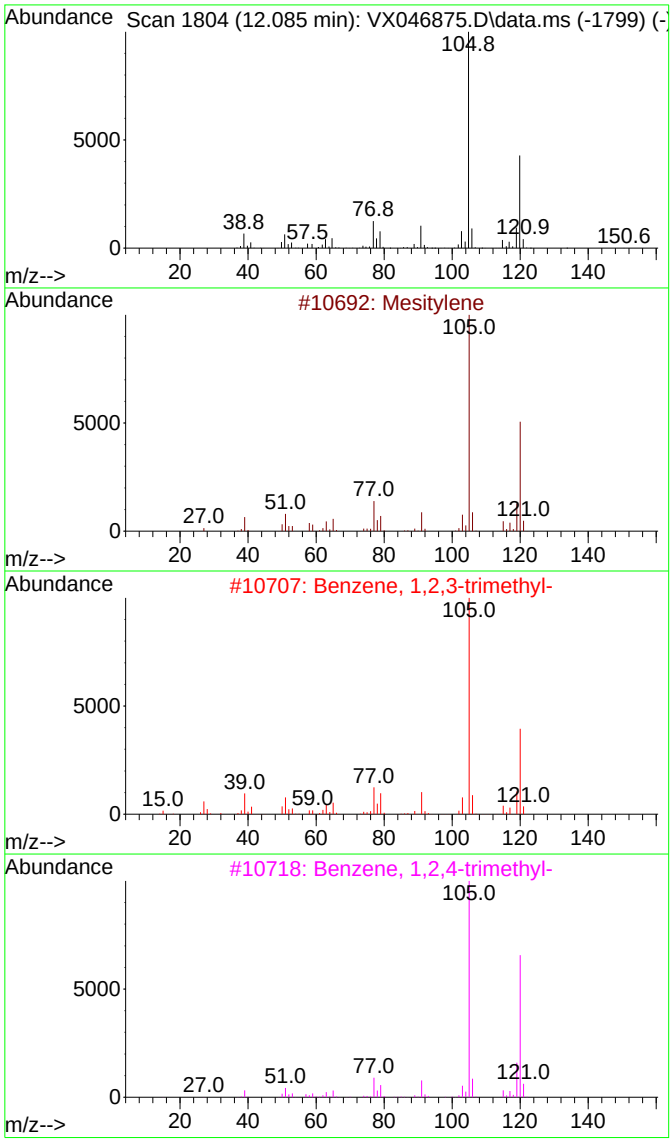
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

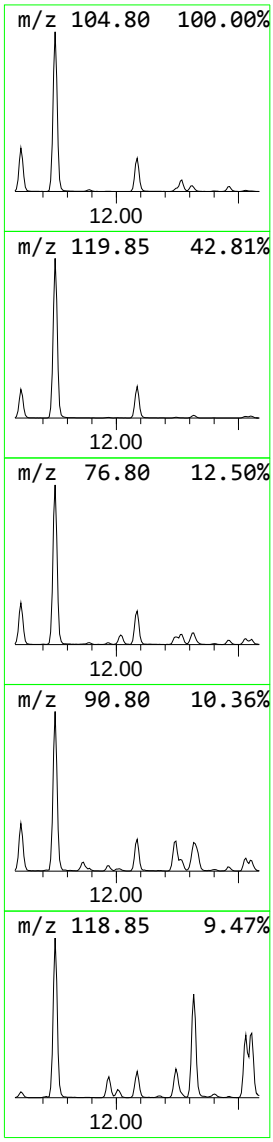
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	24.49 ug/l	823110	1,4-Dichlorobenzene-d4	12.018

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-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

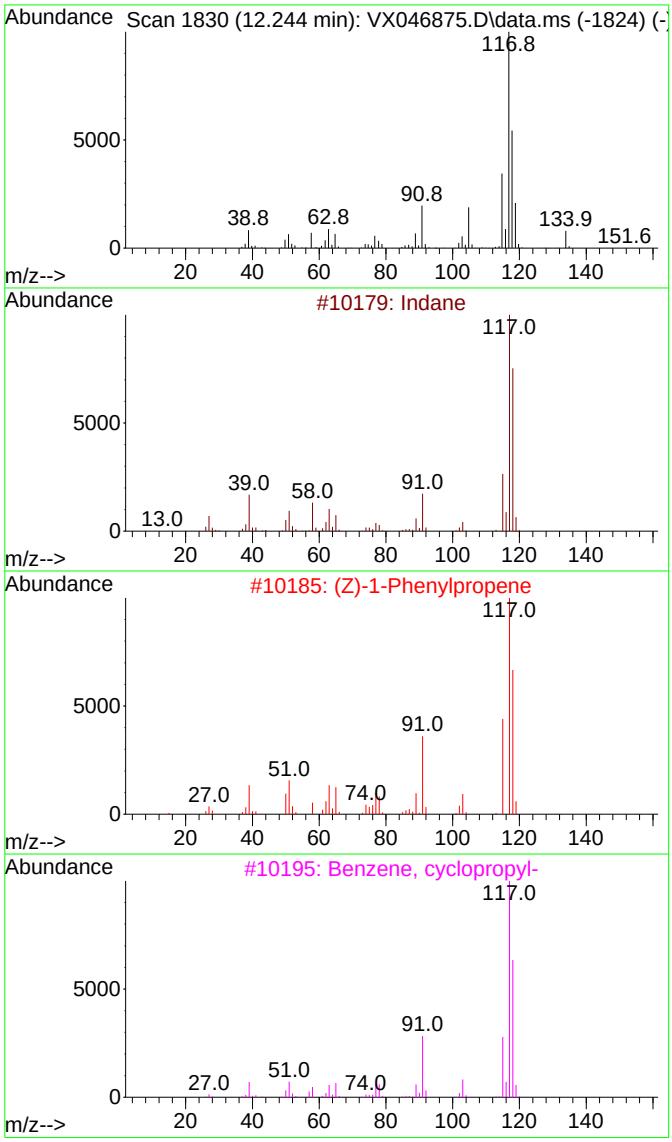
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

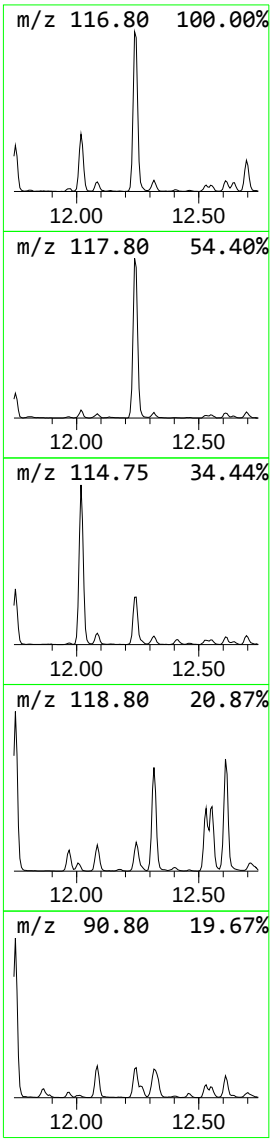
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	18.47 ug/l	620897	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

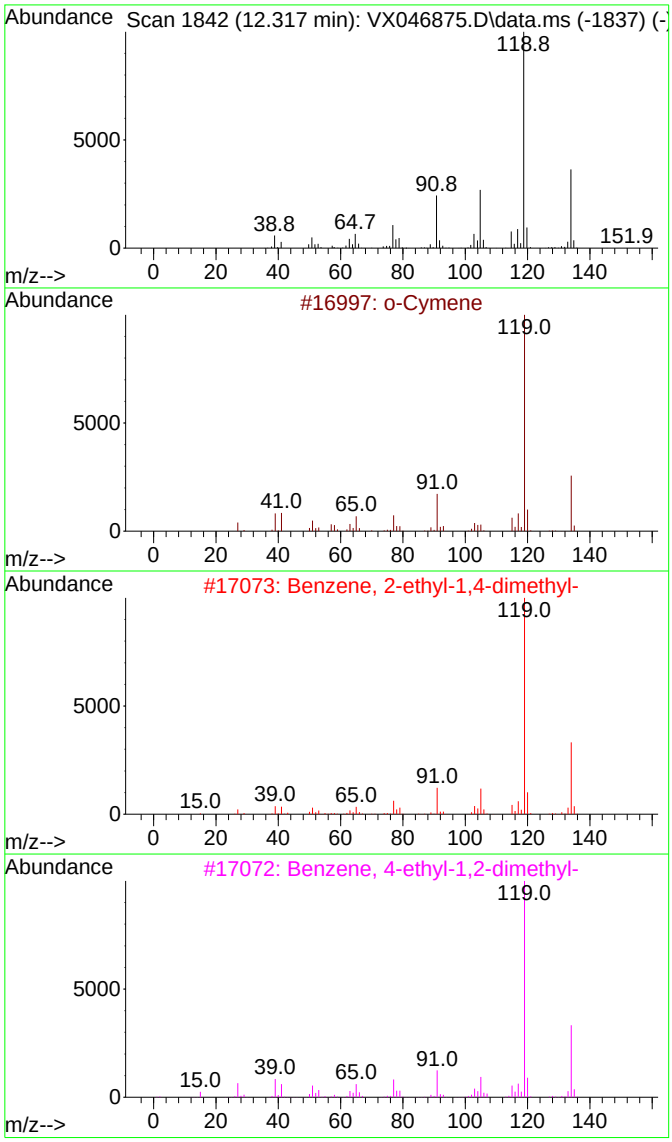
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

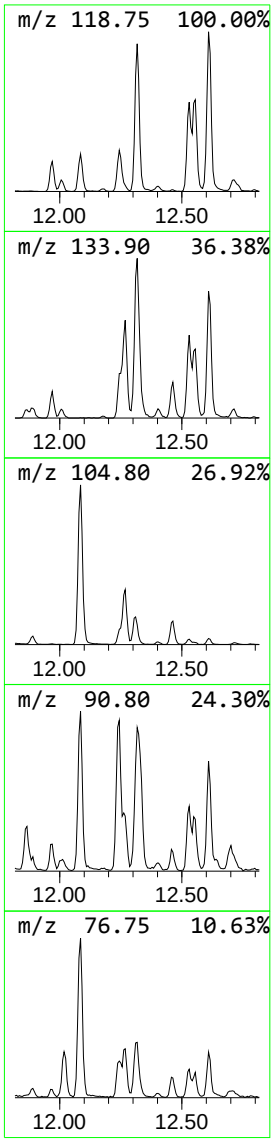
****

Peak Number 7 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	14.00 ug/l	470699	1,4-Dichlorobenzene-d4	12.018

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

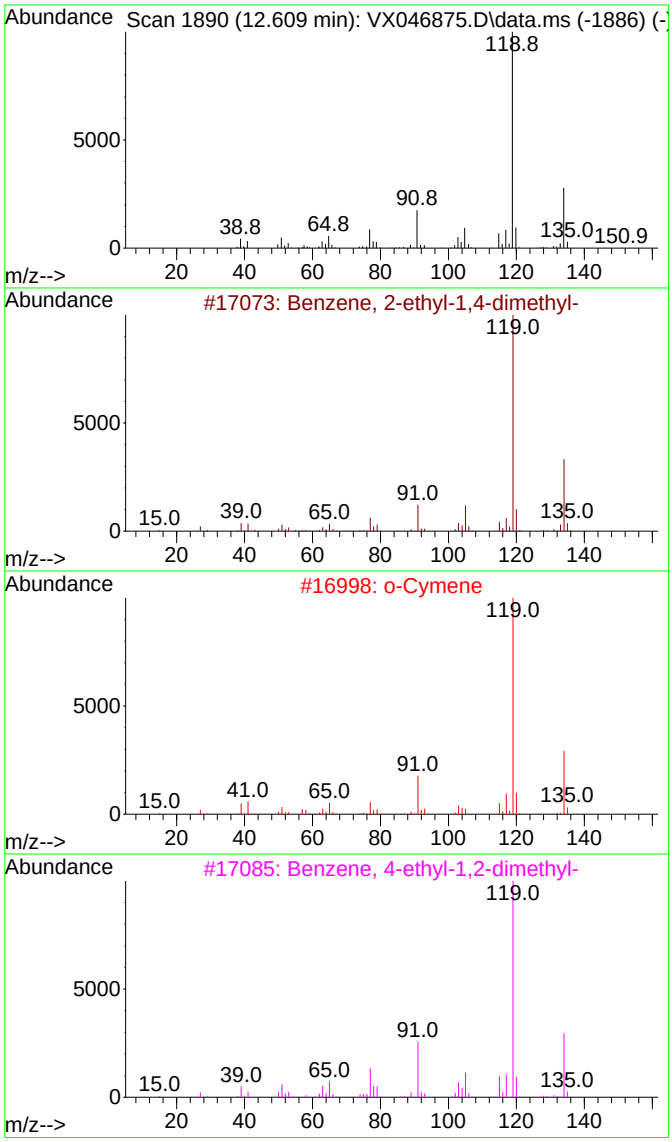
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

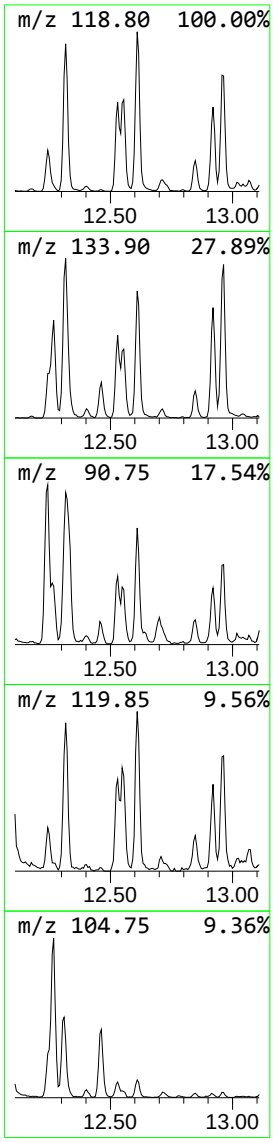
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	9.29 ug/l	312377	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

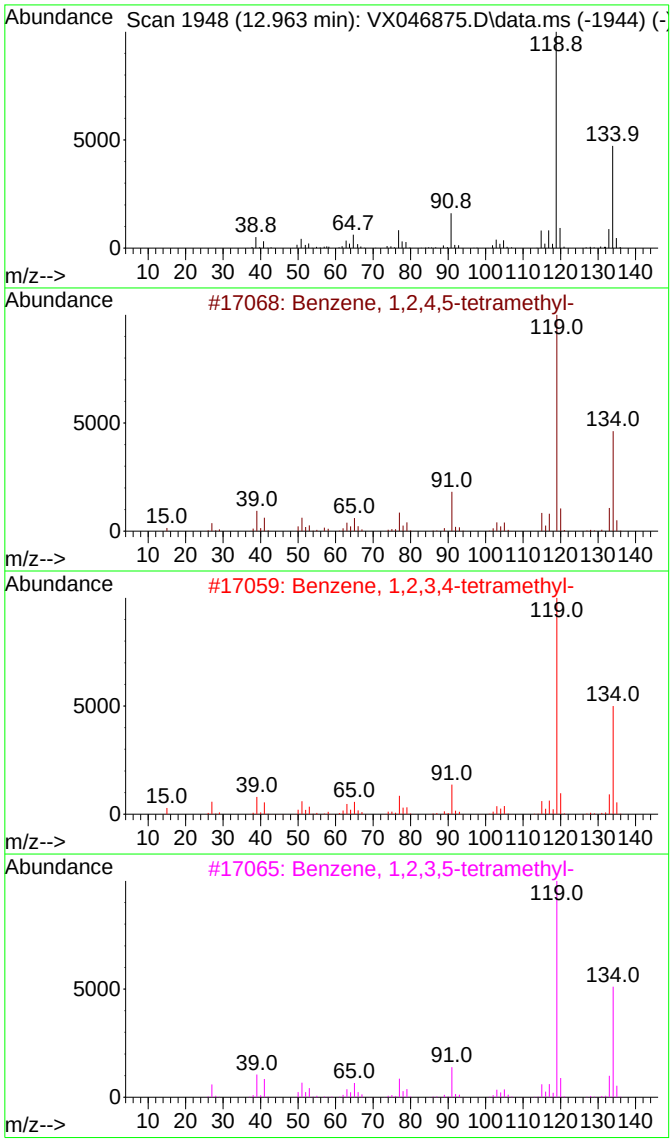
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

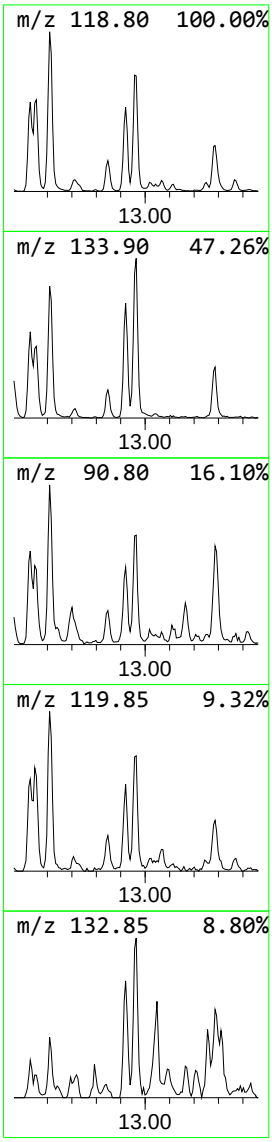
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	7.65 ug/l	257036	1,4-Dichlorobenzene-d4	12.018

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	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

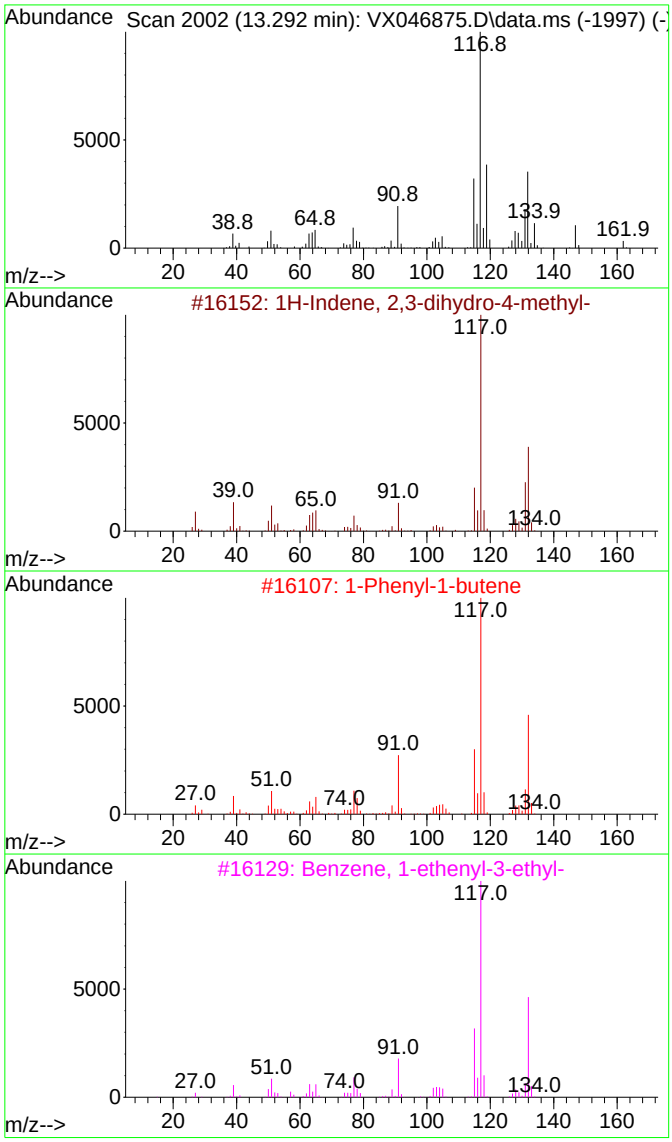
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

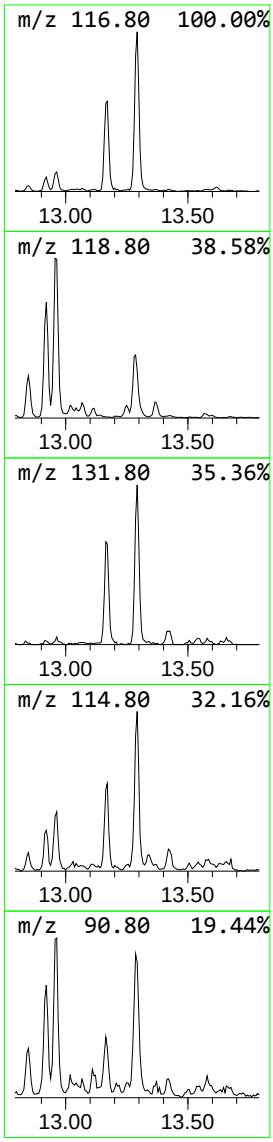
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	8.85 ug/l	297589	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.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, 2,2,3,3...	6.257	9.3	ug/l	273352	2	6.769	1471980	50.0
Pentane, 2,3,3-...	8.110	8.8	ug/l	258200	2	6.769	1471980	50.0
Benzene, 1-ethy...	11.378	100.8	ug/l	3387030	4	12.018	1680700	50.0
Benzene, 1-ethy...	11.610	28.3	ug/l	950528	4	12.018	1680700	50.0
Benzene, 1,2,3-...	12.085	24.5	ug/l	823110	4	12.018	1680700	50.0
Indane	12.244	18.5	ug/l	620897	4	12.018	1680700	50.0
o-Cymene	12.317	14.0	ug/l	470699	4	12.018	1680700	50.0
Benzene, 2-ethy...	12.609	9.3	ug/l	312377	4	12.018	1680700	50.0
Benzene, 1,2,4,...	12.963	7.7	ug/l	257036	4	12.018	1680700	50.0
1H-Indene, 2,3-...	13.292	8.8	ug/l	297589	4	12.018	1680700	50.0