LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.739	101	107	120	rBV	364123	512294	33.15%	1.701%
2	1.947	136	141	154	rVB	124729	179739	11.63%	0.597%
3	2.337	195	205	219	rBV	67885	139297	9.01%	0.463%
4	2.776	268	277	280	rBV	233704	492893	31.89%	1.637%
5	2.819	280	284	296	rVB	479118	999560	64.67%	3.319%
6	3.099	317	330	345	rBV	397781	914488	59.17%	3.037%
7	3.440	377	386	401	rBV2	110621	251961	16.30%	0.837%
8	3.727	425	433	443	rBV	46459	110165	7.13%	0.366%
9	3.831	443	450	462	rVB3	28532	75158	4.86%	0.250%
10	4.044	475	485	489	rBV	14550	42219	2.73%	0.140%
11	4.099	489	494	502	rVV	25256	73683	4.77%	0.245%
12	4.202	502	511	518	rVV	82098	250327	16.20%	0.831%
13	4.300	518	527	538	rVV	232756	678654	43.91%	2.254%
14	4.422	538	547	560	rVB4	17986	64243	4.16%	0.213%
15	5.147	647	666	685	rVB7	27188	172259	11.15%	0.572%
16	5.379	690	704	711	rBV2	60332	195065	12.62%	0.648%
17	5.495	711	723	729	rBV4	90983	361855	23.41%	1.202%
18	5.617	735	743	765	rVB	220231	783196	50.67%	2.601%
19	5.818	765	776	790	rBV2	136470	413417	26.75%	1.373%
20	5.952	790	798	807	rBV2	55954	143090	9.26%	0.475%
21	6.153	817	831	837	rBV3	79304	270305	17.49%	0.898%
22	6.245	838	846	856	rVV2	286432	875355	56.64%	2.907%
23	6.354	856	864	877	rVB2	91617	266868	17.27%	0.886%
24	6.598	893	904	916	rVB3	32767	85070	5.50%	0.282%
25	6.757	922	930	936	rBV	124139	326535	21.13%	1.084%
26	6.836	936	943	957	rVB3	141094	467276	30.23%	1.552%
27	6.970	957	965	972	rBV2	26207	63183	4.09%	0.210%
28	7.062	972	980	990	rVB3	39420	91834	5.94%	0.305%
29	7.165	990	997	1006	rBV	82824	186277	12.05%	0.619%
30	7.367	1019	1030	1043	rVB4	180869	526646	34.07%	1.749%
31	7.495	1043	1051	1056	rBV2	36721	76716	4.96%	0.255%
32	7.555	1056	1061	1066	rBV2	34181	68191	4.41%	0.226%
33	7.653	1072	1077	1090	rVB2	48195	98716	6.39%	0.328%
34	7.769	1090	1096	1103	rVB2	42112	87118	5.64%	0.289%
35	7.879	1103	1114	1122	rBV5	33554	120491	7.80%	0.400%
36	7.982	1122	1131	1142	rVB	163043	368275	23.83%	1.223%

LSC Area Percent Report

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Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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\82X050525W.M
Title : SW846 8260

37	8.104	1142	1151	1155	rBV	197243	417287	27.00%	1.386%
38	8.183	1161	1164	1175	rVB3	37179	83360	5.39%	0.277%
39	8.305	1175	1184	1190	rVV4	43481	103212	6.68%	0.343%
40	8.500	1209	1216	1227	rVB4	83722	184227	11.92%	0.612%
41	8.604	1227	1233	1235	rBV3	47395	89013	5.76%	0.296%
42	8.647	1235	1240	1249	rVV	275259	455807	29.49%	1.514%
43	8.769	1257	1260	1264	rVV4	23556	40920	2.65%	0.136%
44	8.817	1264	1268	1270	rVV2	29734	47234	3.06%	0.157%
45	8.921	1277	1285	1290	rVV2	44798	113427	7.34%	0.377%
46	8.970	1290	1293	1300	rVV2	36823	83763	5.42%	0.278%
47	9.098	1306	1314	1319	rVV2	50408	112916	7.31%	0.375%
48	9.159	1319	1324	1335	rVB	115697	204456	13.23%	0.679%
49	9.458	1370	1373	1376	rVV2	27409	42455	2.75%	0.141%
50	9.500	1376	1380	1386	rVV4	42184	85829	5.55%	0.285%
51	9.756	1416	1422	1429	rBV2	31314	58638	3.79%	0.195%
52	10.049	1466	1470	1476	rBV	256261	355400	22.99%	1.180%
53	10.189	1489	1493	1501	rVB	799687	1029443	66.61%	3.418%
54	10.299	1506	1511	1517	rVB	469546	636986	41.21%	2.115%
55	10.640	1562	1567	1581	rVB	48260	77184	4.99%	0.256%
56	10.957	1614	1619	1627	rBV	373825	477495	30.89%	1.586%
57	11.079	1634	1639	1644	rBV	212362	266638	17.25%	0.885%
58	11.299	1665	1675	1683	rBV	658637	831039	53.77%	2.760%
59	11.396	1683	1691	1696	rVV	312554	546315	35.35%	1.814%
60	11.451	1696	1700	1708	rVB	62641	84830	5.49%	0.282%
61	11.610	1721	1726	1737	rBV	733912	889890	57.58%	2.955%
62	11.713	1737	1743	1745	rBV	32225	46963	3.04%	0.156%
63	11.750	1745	1749	1756	rVB	1302294	1545569	100.00%	5.132%
64	11.860	1763	1767	1769	rBV	63585	79835	5.17%	0.265%
65	11.890	1769	1772	1778	rVB	85445	106404	6.88%	0.353%
66	11.969	1781	1785	1788	rBV	48013	57511	3.72%	0.191%
67	12.018	1788	1793	1798	rVV2	261445	340274	22.02%	1.130%
68	12.085	1799	1804	1810	rVB	402863	490165	31.71%	1.628%
69	12.177	1815	1819	1824	rVB	45842	56930	3.68%	0.189%
70	12.244	1824	1830	1837	rBV2	977959	1335689	86.42%	4.435%
71	12.311	1837	1841	1851	rVB2	284148	440436	28.50%	1.463%
72	12.402	1851	1856	1861	rVB2	93829	119682	7.74%	0.397%
73	12.463	1861	1866	1872	rVB2	144823	190638	12.33%	0.633%
74	12.530	1872	1877	1879	rBV	219878	279244	18.07%	0.927%
75	12.549	1879	1880	1885	rVB	95410	94501	6.11%	0.314%
76	12.609	1885	1890	1893	rBV	592495	716238	46.34%	2.378%

LSC Area Percent Report

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Data File : VX046395.D
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Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

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\82X050525W.M
Title : SW846 8260

77	12.640	1893	1895	1900	rVB	258792	284921	18.43%	0.946%
78	12.695	1900	1904	1912	rBV	769332	999169	64.65%	3.318%
79	12.847	1923	1929	1933	rVB2	101401	145388	9.41%	0.483%
80	12.920	1933	1941	1944	rBV	414313	523060	33.84%	1.737%
81	12.957	1944	1947	1954	rVB	240427	314814	20.37%	1.045%
82	13.024	1954	1958	1967	rVB3	51219	90521	5.86%	0.301%
83	13.109	1967	1972	1974	rBV2	40763	58762	3.80%	0.195%
84	13.164	1978	1981	1989	rVB	465203	576481	37.30%	1.914%
85	13.292	1997	2002	2007	rVB2	967445	1283709	83.06%	4.263%
86	13.341	2007	2010	2013	rBV3	40553	43741	2.83%	0.145%
87	13.420	2019	2023	2031	rVB	97237	127405	8.24%	0.423%
88	13.506	2031	2037	2039	rBV2	44678	66083	4.28%	0.219%
89	13.542	2039	2043	2046	rVV	151112	222527	14.40%	0.739%
90	13.579	2046	2049	2053	rVV2	120971	189921	12.29%	0.631%
91	13.640	2053	2059	2060	rVV3	59740	118139	7.64%	0.392%
92	13.658	2060	2062	2070	rVV2	102679	161383	10.44%	0.536%
93	13.774	2073	2081	2090	rVB	173726	241206	15.61%	0.801%
94	13.920	2099	2105	2109	rBV2	67011	93011	6.02%	0.309%
95	13.969	2109	2113	2117	rVB	47258	59745	3.87%	0.198%
96	14.073	2125	2130	2137	rBV	108077	135091	8.74%	0.449%
97	14.213	2148	2153	2159	rBV2	42564	69278	4.48%	0.230%
98	14.316	2166	2170	2175	rBV	48369	64954	4.20%	0.216%
99	14.371	2175	2179	2186	rVB	57635	76500	4.95%	0.254%
100	14.780	2240	2246	2255	rBV	85137	119014	7.70%	0.395%

Sum of corrected areas: 30115085

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
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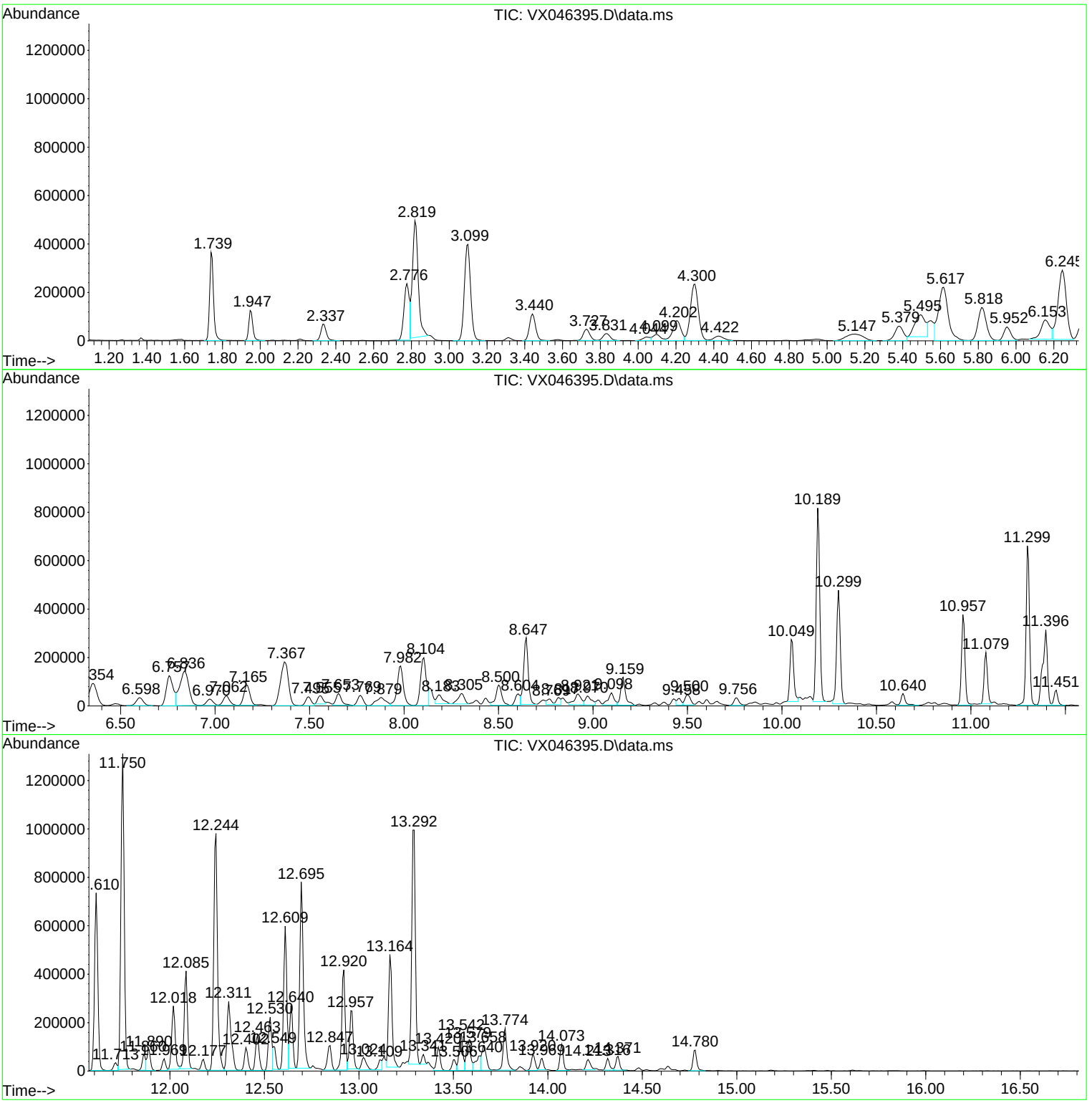
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

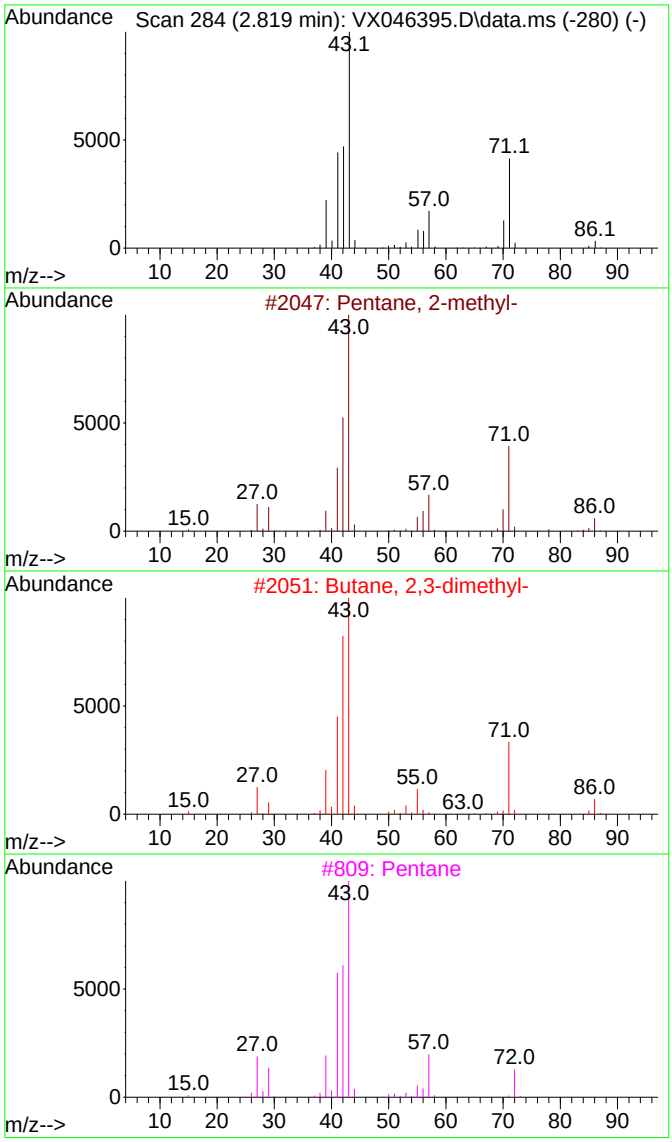
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

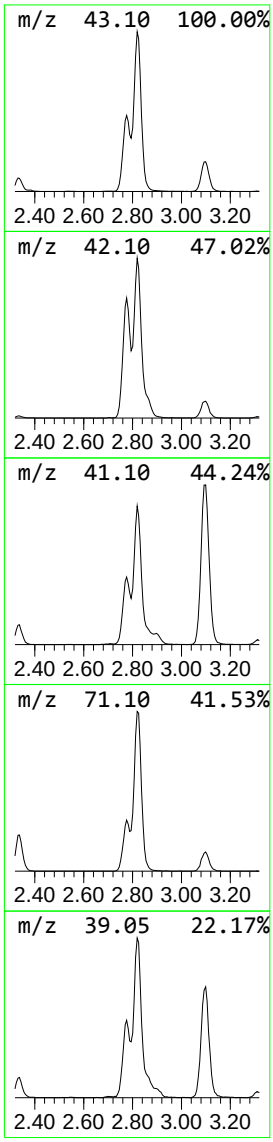
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	138.12 ug/l	999560	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
3	Pentane	72	C5H12	000109-66-0	46
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	36
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

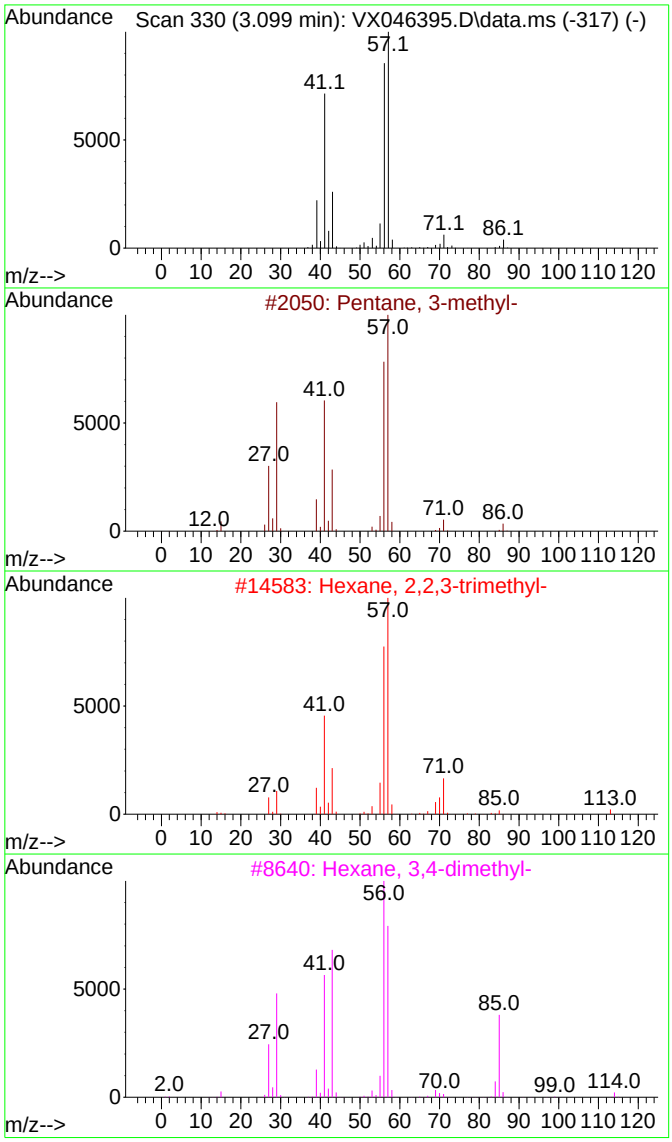
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

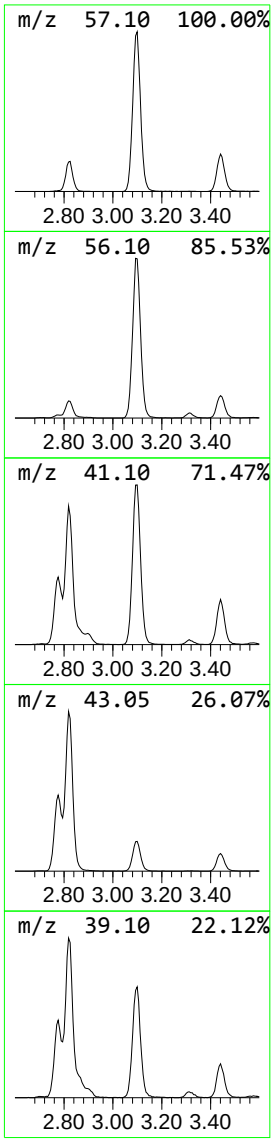
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	126.36 ug/l	914488	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

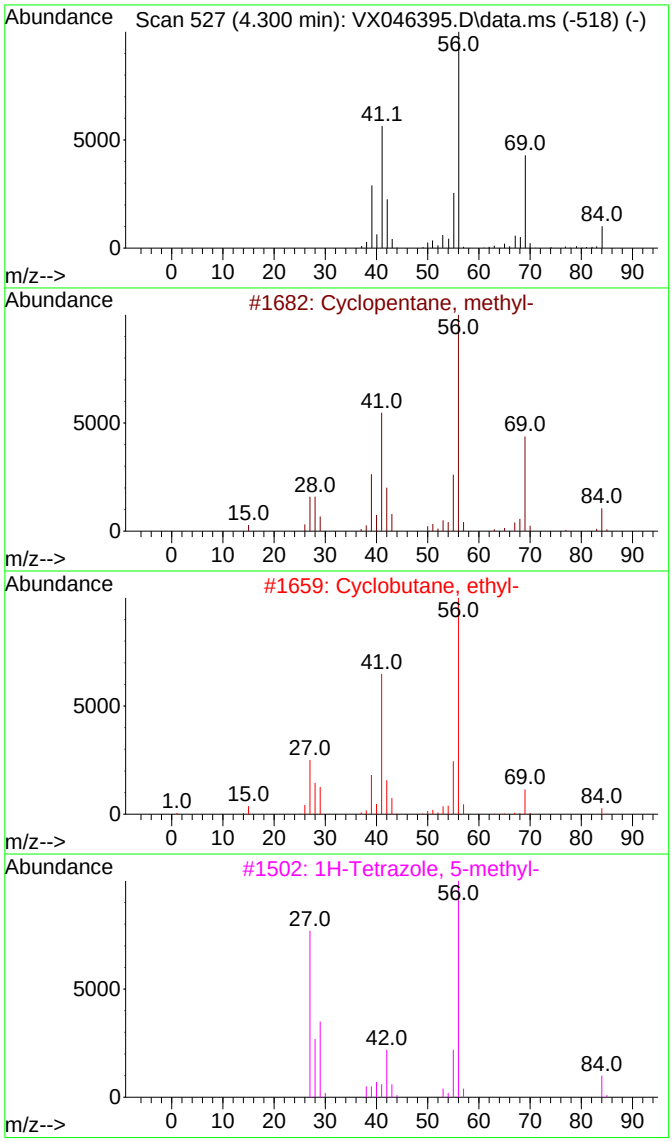
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

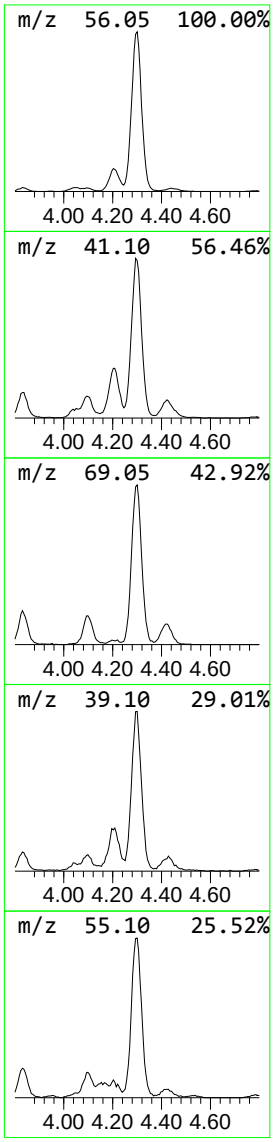
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	93.77 ug/l	678654	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	Cyclobutane	56	C4H8	000287-23-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
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Acq On : 29 May 2025 13:30
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

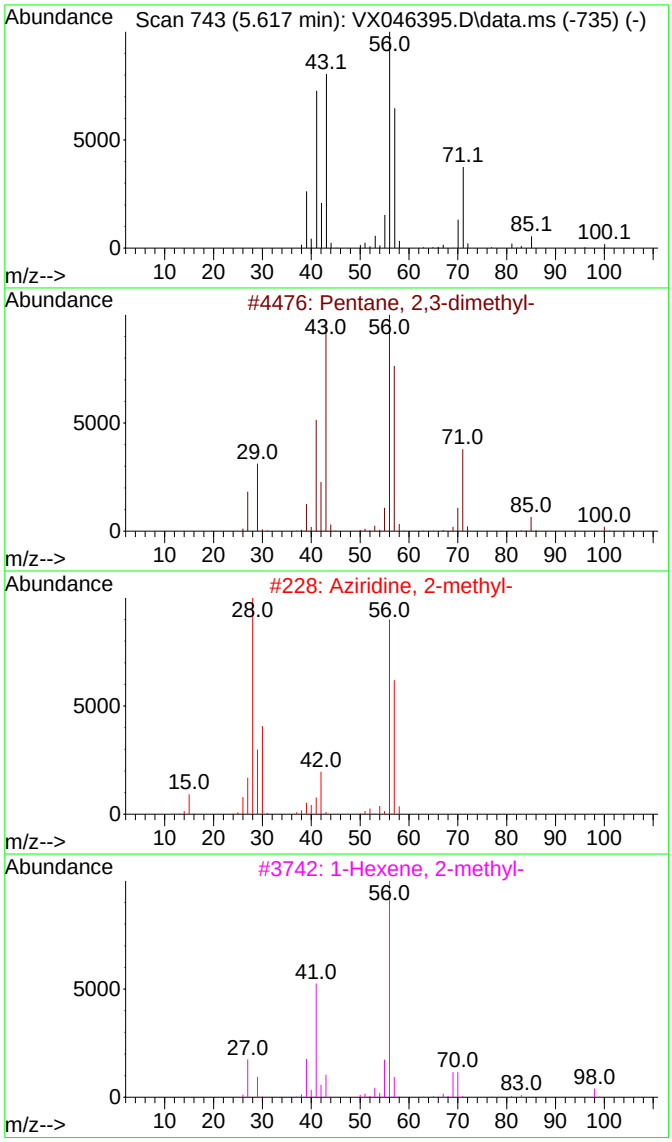
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

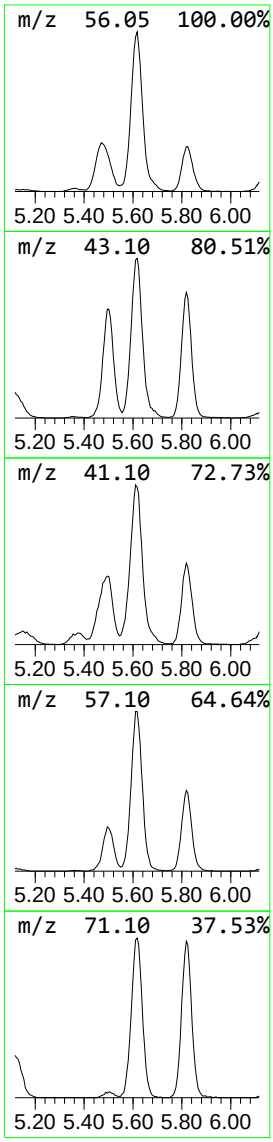
****

Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.617	108.22 ug/l	783196	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

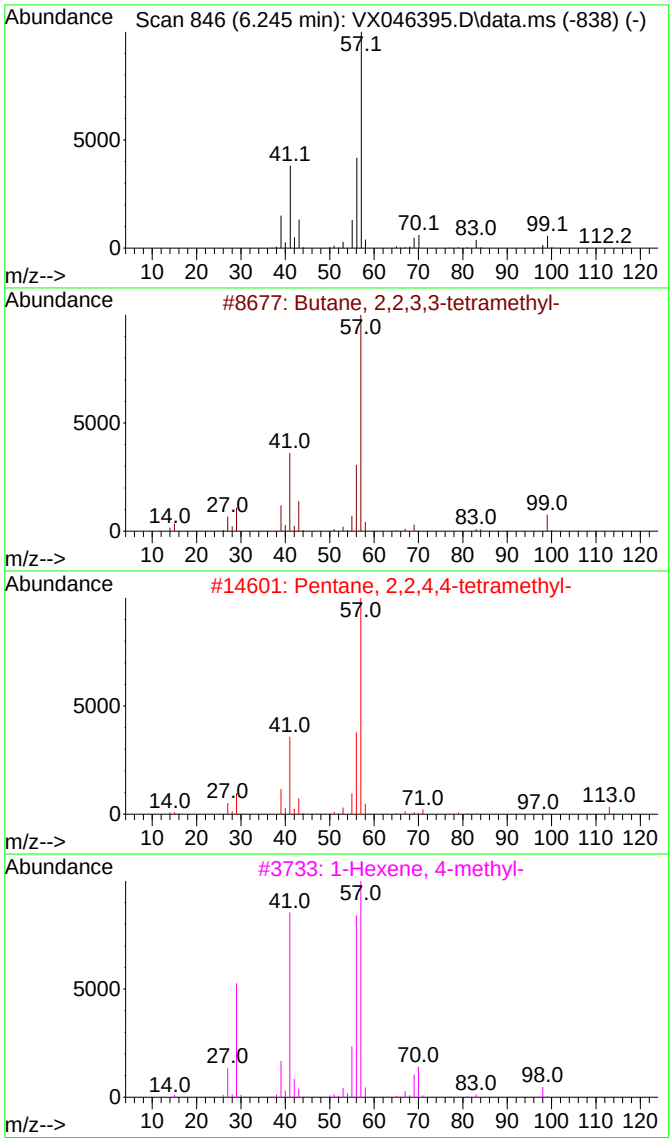
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

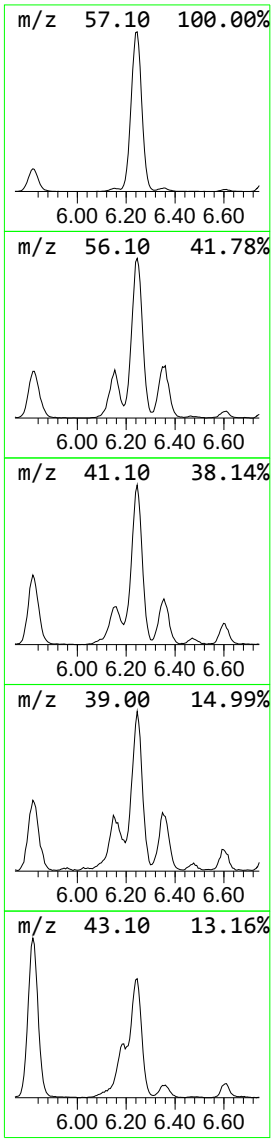
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	134.04 ug/l	875355	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

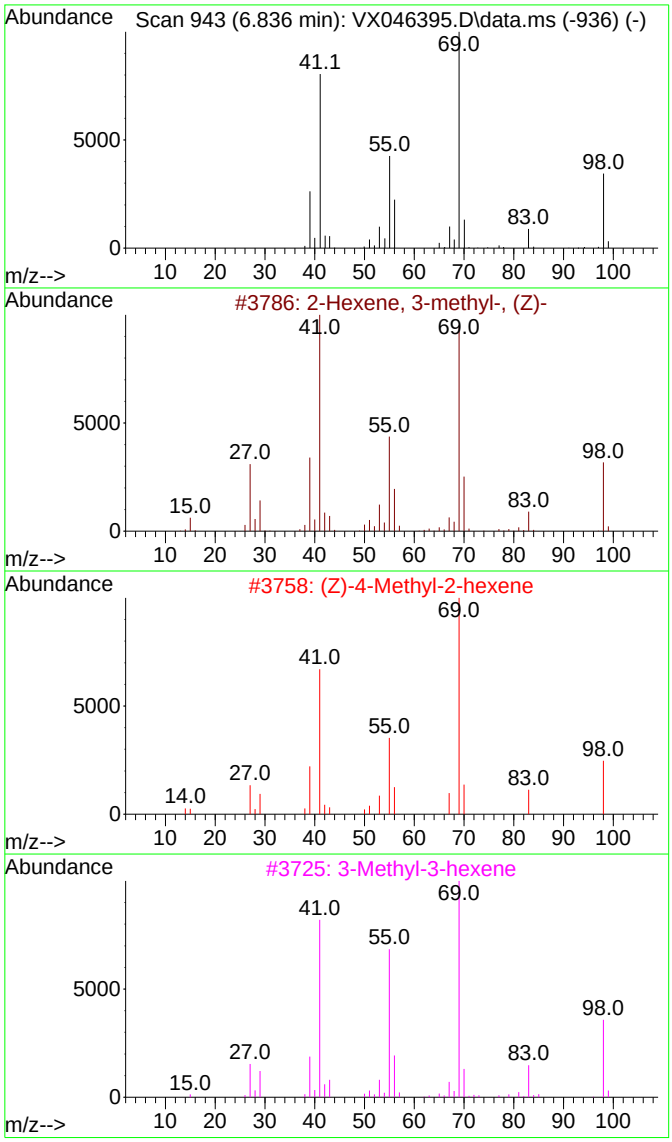
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

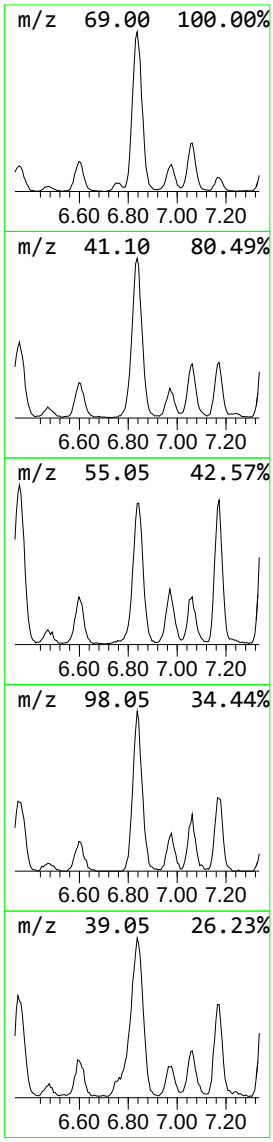
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Hexene, 3-methyl-, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	71.55 ug/l	467276	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
2	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	87
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	87
4	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	86
5	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	83





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Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

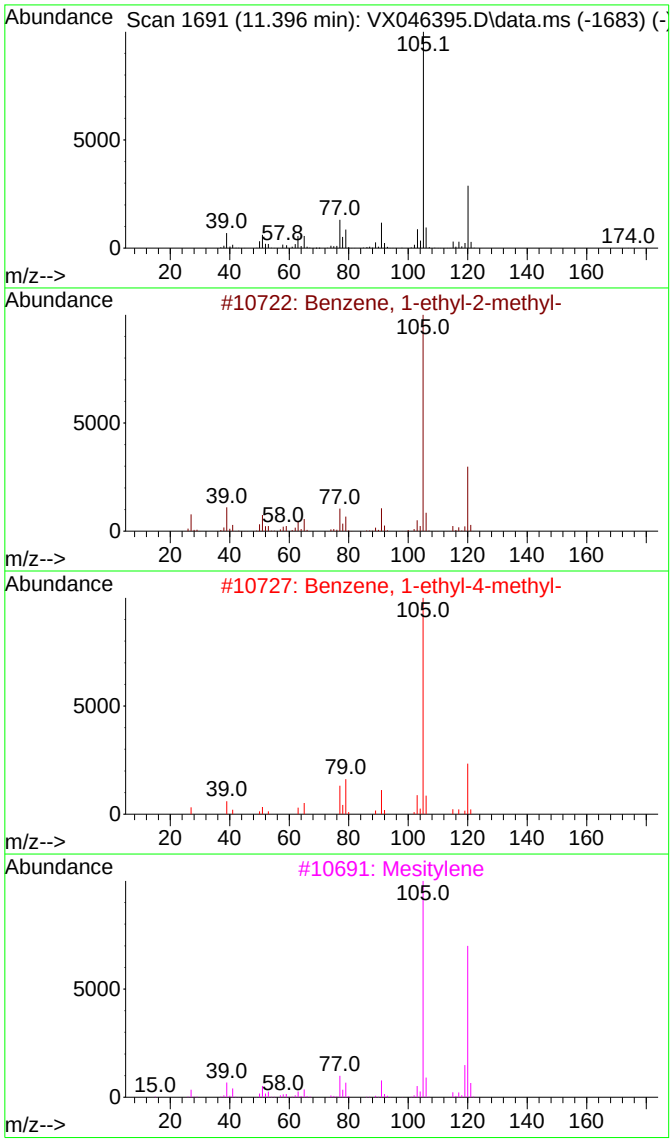
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

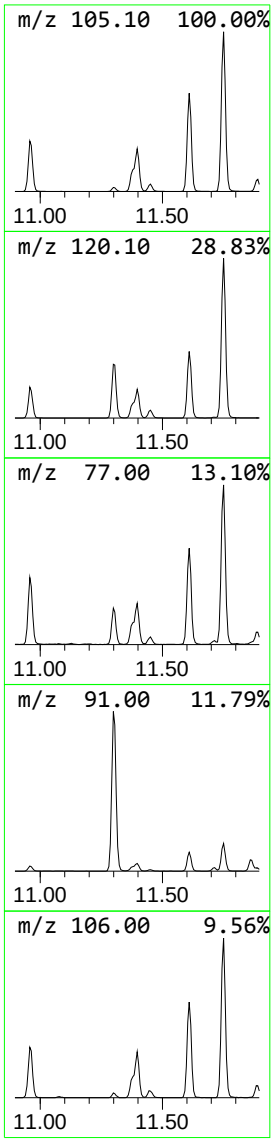
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	80.28 ug/l	546315	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

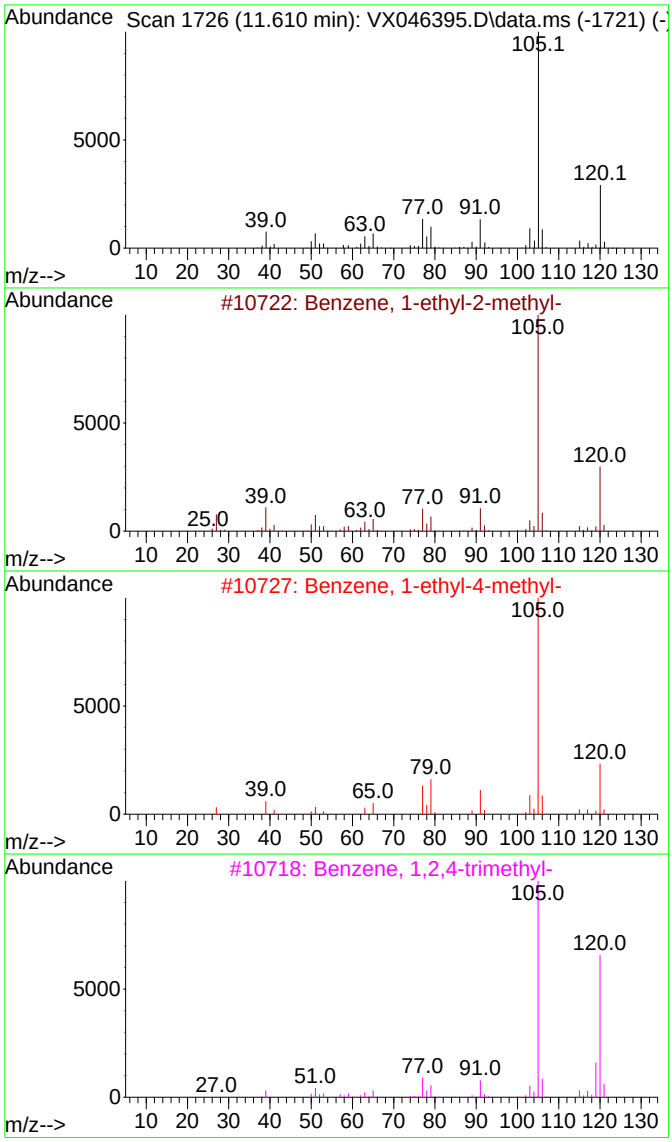
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

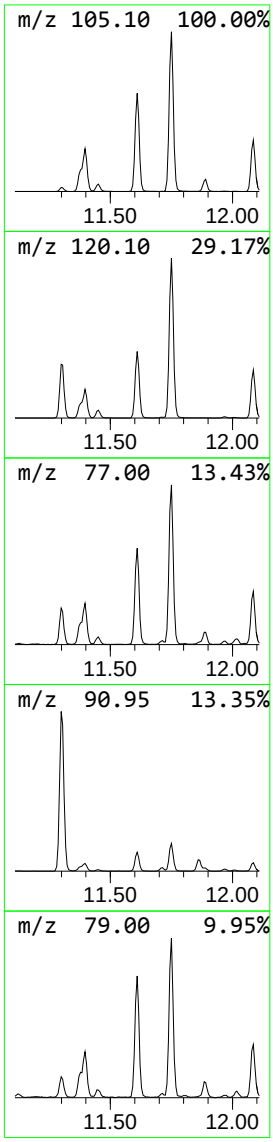
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	130.76 ug/l	889890	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

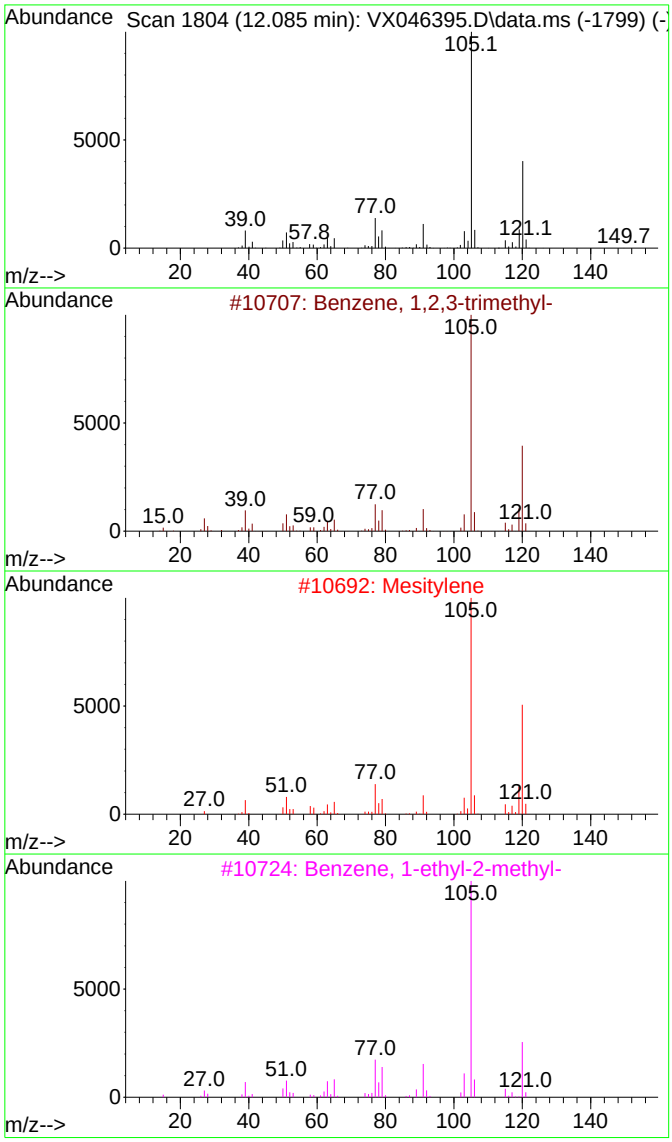
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

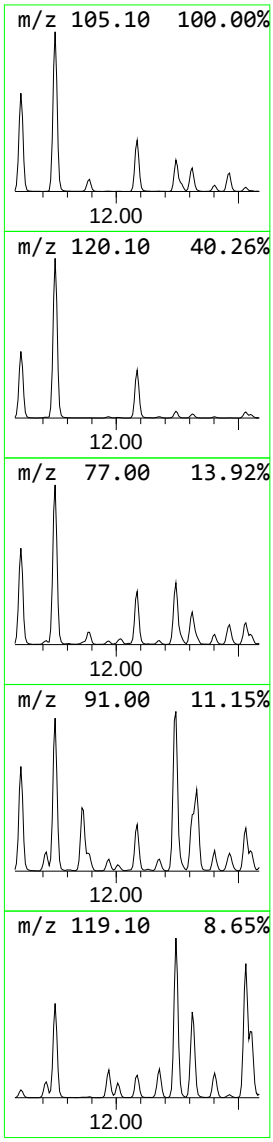
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	72.03 ug/l	490165	1,4-Dichlorobenzene-d4	12.018

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-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

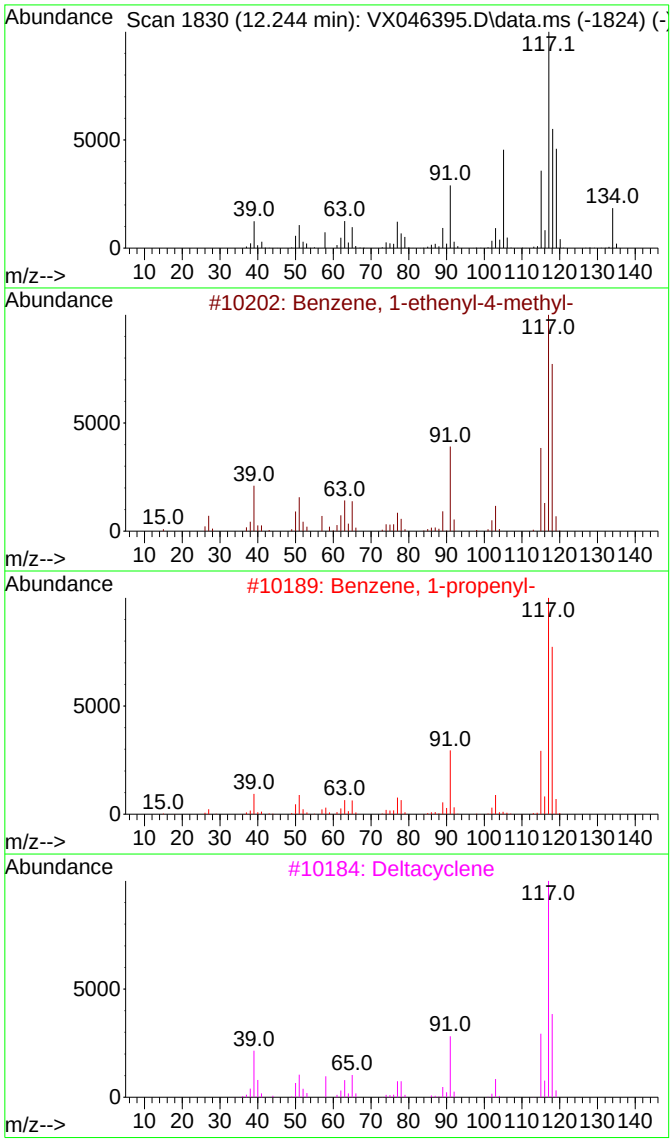
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

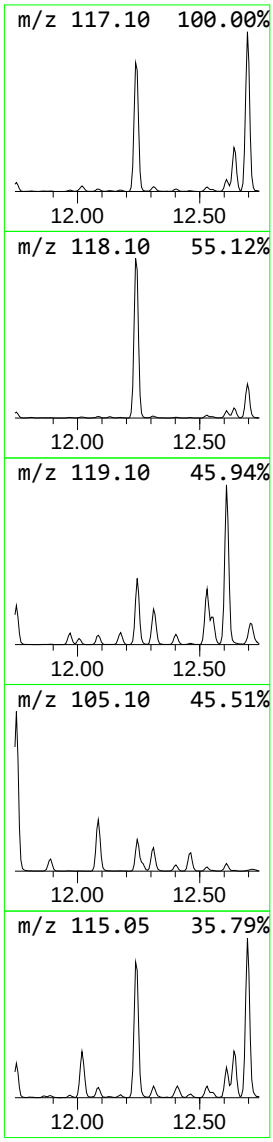
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	196.27 ug/l	1335690	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Deltacyclene	118	C9H10	007785-10-6	64
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\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

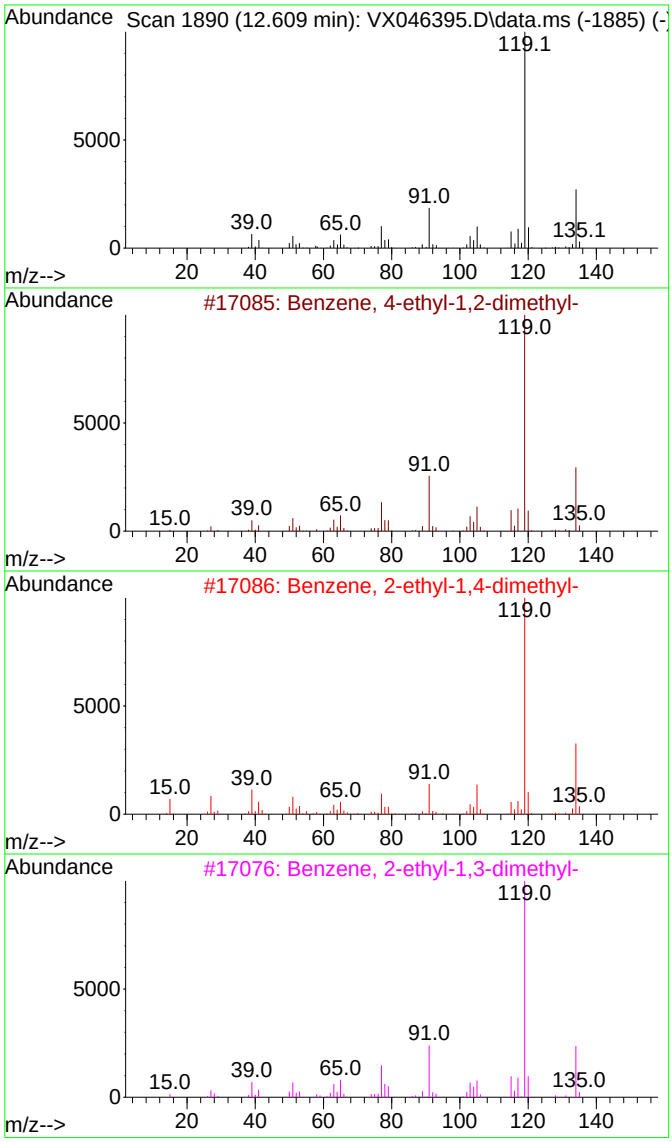
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

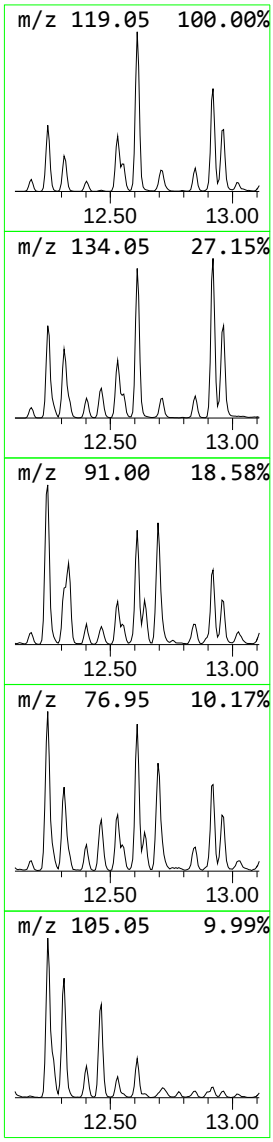
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	105.24 ug/l	716238	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

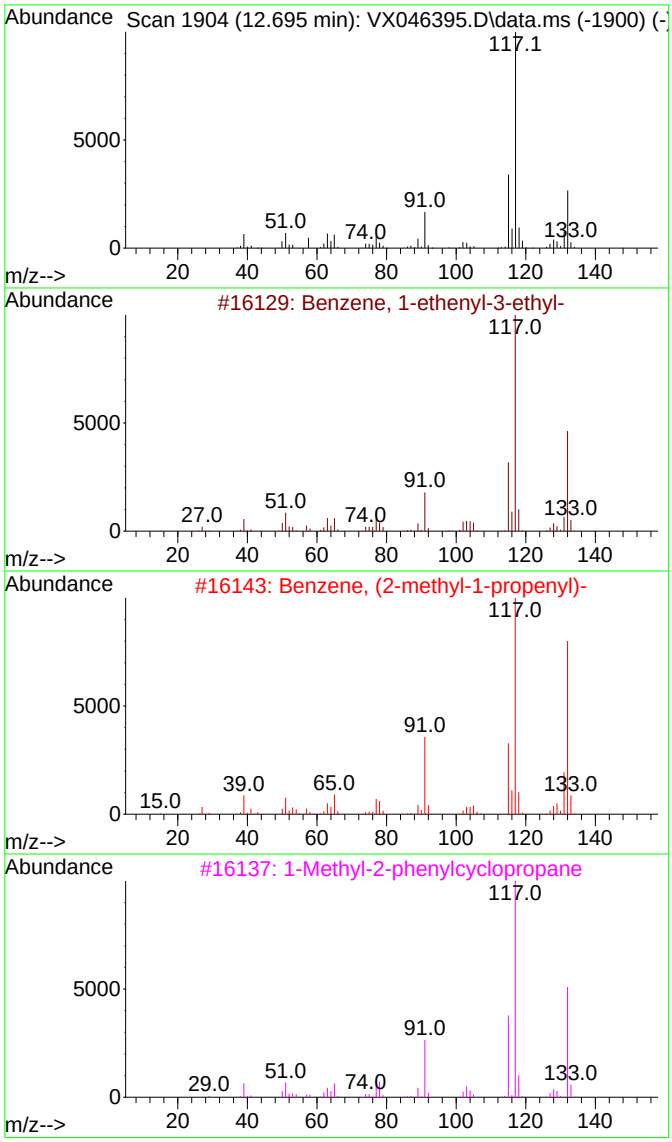
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

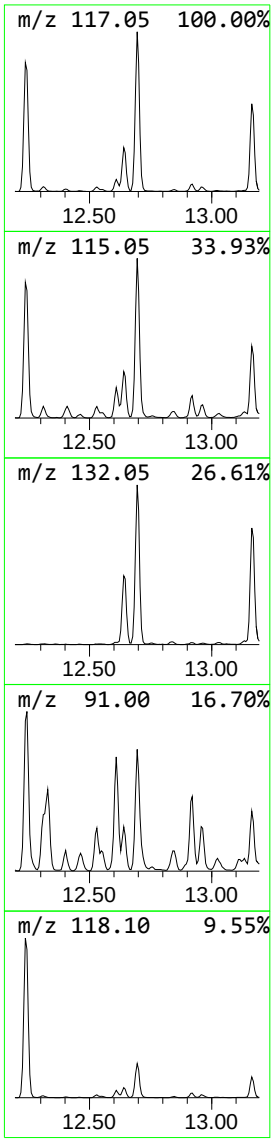
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	146.82 ug/l	999169	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

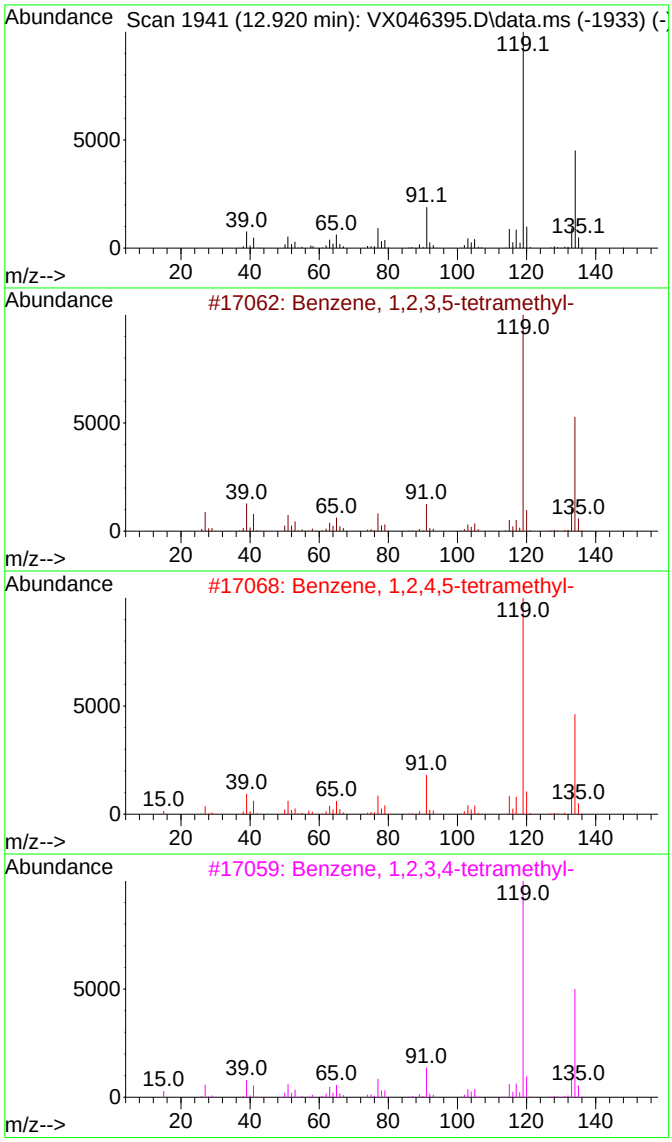
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

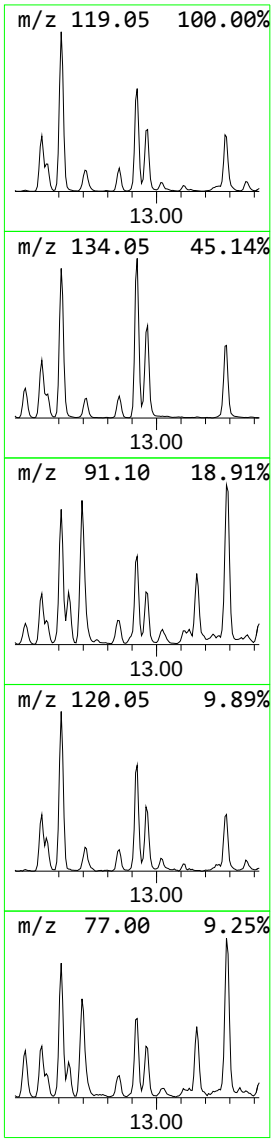
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	76.86 ug/l	523060	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

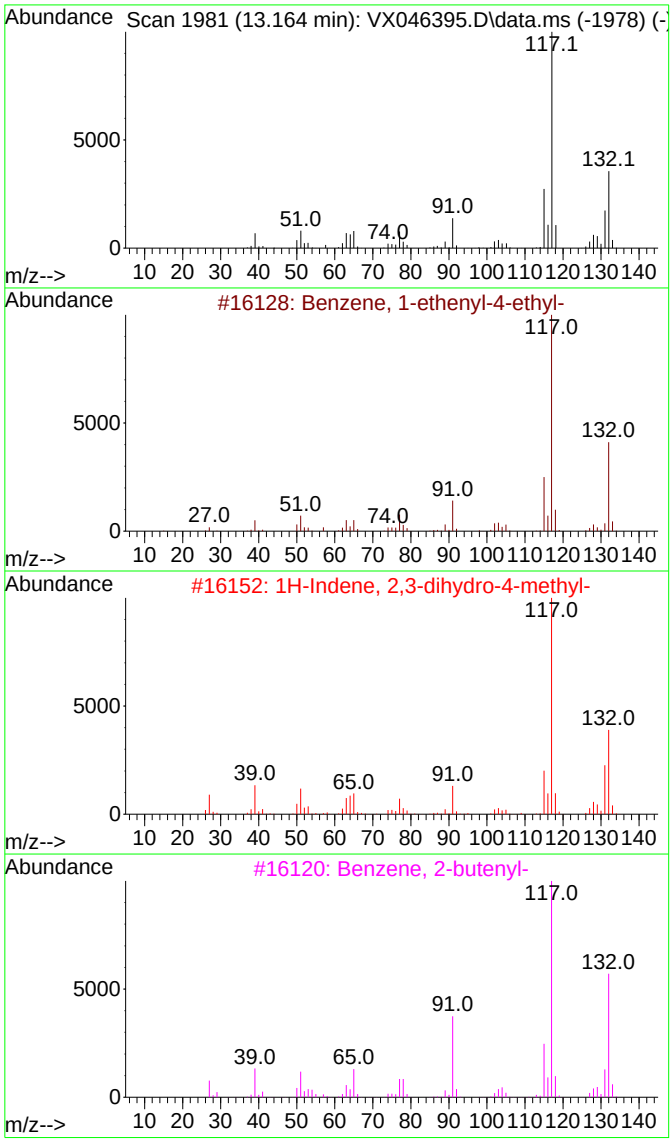
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

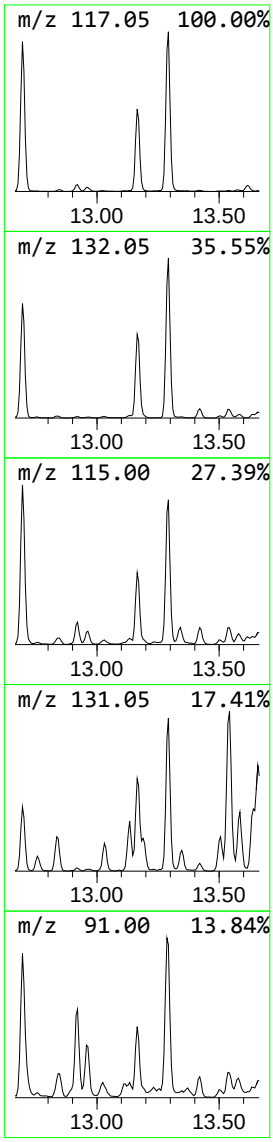
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	84.71 ug/l	576481	1,4-Dichlorobenzene-d4	12.018

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	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

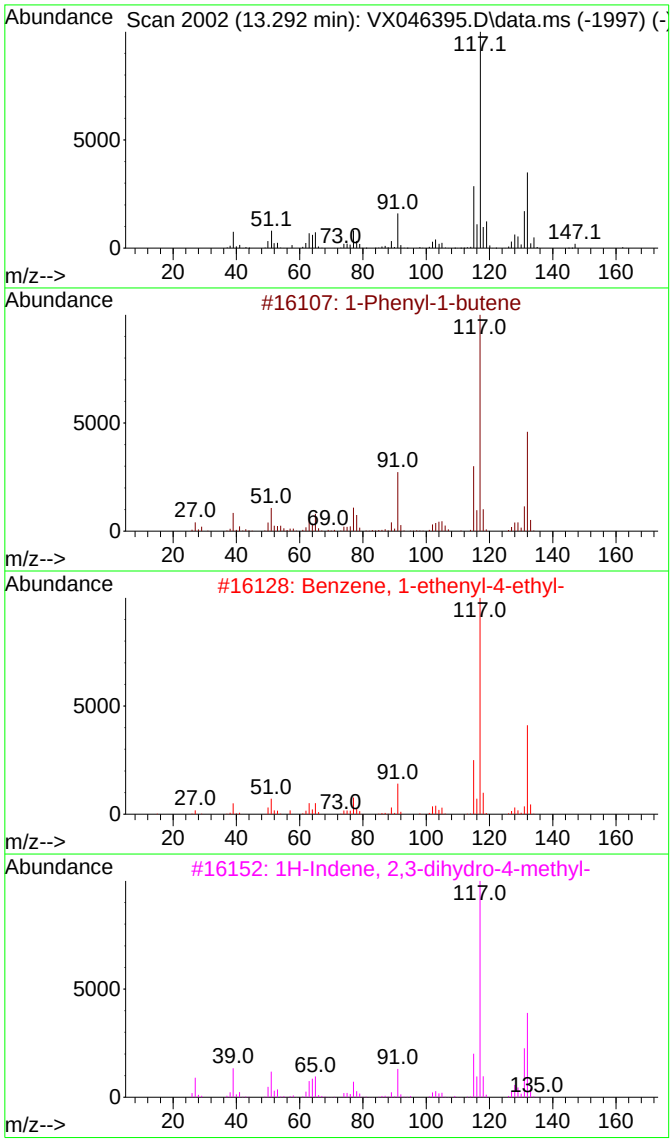
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

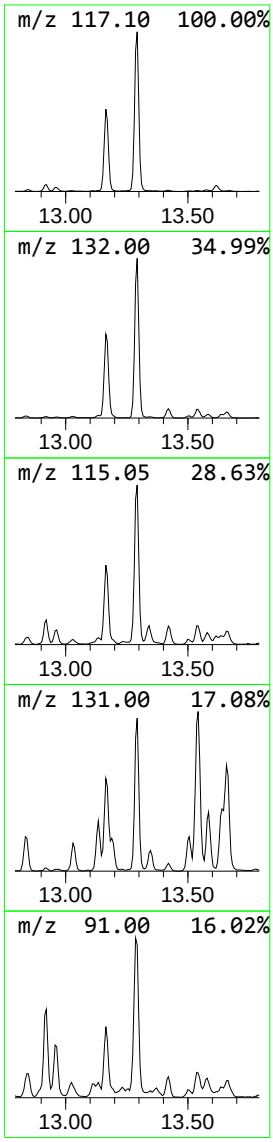
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	188.63 ug/l	1283710	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
Data File : VX046395.D
Acq On : 29 May 2025 13:30
Operator : JC/MD
Sample : Q2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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
Pentane, 2-methyl-	2.819	138.1	ug/l	999560	1	5.550	361855	50.0
Pentane, 3-methyl-	3.099	126.4	ug/l	914488	1	5.550	361855	50.0
Cyclopentane, m...	4.300	93.8	ug/l	678654	1	5.550	361855	50.0
Pentane, 2,3-di...	5.617	108.2	ug/l	783196	1	5.550	361855	50.0
Butane, 2,2,3,3...	6.245	134.0	ug/l	875355	2	6.757	326535	50.0
2-Hexene, 3-met...	6.836	71.5	ug/l	467276	2	6.757	326535	50.0
Benzene, 1-ethy...	11.396	80.3	ug/l	546315	4	12.018	340274	50.0
Benzene, 1-ethy...	11.610	130.8	ug/l	889890	4	12.018	340274	50.0
Benzene, 1,2,3-...	12.085	72.0	ug/l	490165	4	12.018	340274	50.0
Benzene, 1-ethe...	12.244	196.3	ug/l	1335690	4	12.018	340274	50.0
Benzene, 4-ethy...	12.610	105.2	ug/l	716238	4	12.018	340274	50.0
Benzene, 1-ethe...	12.695	146.8	ug/l	999169	4	12.018	340274	50.0
Benzene, 1,2,3,...	12.920	76.9	ug/l	523060	4	12.018	340274	50.0
1H-Indene, 2,3-...	13.164	84.7	ug/l	576481	4	12.018	340274	50.0
1-Phenyl-1-butene	13.292	188.6	ug/l	1283710	4	12.018	340274	50.0