LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.733	100	106	122	rVB	530924	725404	18.60%	1.585%
2	1.941	135	140	154	rVB	327637	479386	12.29%	1.047%
3	2.331	196	204	210	rBV	40293	80191	2.06%	0.175%
4	2.776	269	277	278	rVV	172061	309735	7.94%	0.677%
5	2.819	278	284	309	rVB	891856	2023462	51.89%	4.420%
6	3.093	318	329	349	rBV	569689	1282766	32.90%	2.802%
7	3.434	375	385	401	rBV	418592	962777	24.69%	2.103%
8	3.721	424	432	441	rBV	64431	153621	3.94%	0.336%
9	4.202	502	511	517	rVV2	52423	159935	4.10%	0.349%
10	4.294	517	526	539	rVV	396953	1142571	29.30%	2.496%
11	5.166	647	669	670	rBV6	39933	180692	4.63%	0.395%
12	5.379	690	704	710	rBV3	74078	236966	6.08%	0.518%
13	5.489	710	722	735	rVV5	270419	1405541	36.04%	3.070%
14	5.611	736	742	763	rVB3	184073	661099	16.95%	1.444%
15	5.818	764	776	790	rBV3	389939	1233350	31.63%	2.694%
16	5.952	790	798	808	rVB2	61914	158652	4.07%	0.347%
17	6.153	816	831	840	rBV2	275981	889028	22.80%	1.942%
18	6.251	840	847	855	rVV	249662	693189	17.78%	1.514%
19	6.348	855	863	876	rVB	362500	1040120	26.67%	2.272%
20	6.604	892	905	918	rBV2	170237	429593	11.02%	0.938%
21	6.757	921	930	935	rBV	144143	375272	9.62%	0.820%
22	6.836	936	943	957	rVB3	186886	619278	15.88%	1.353%
23	7.062	972	980	989	rVB	41014	95838	2.46%	0.209%
24	7.165	989	997	1005	rBV3	93484	213906	5.49%	0.467%
25	7.373	1018	1031	1044	rBV	1615336	3899457	100.00%	8.518%
26	7.653	1070	1077	1090	rBV	242927	496117	12.72%	1.084%
27	7.769	1090	1096	1104	rVB	92720	187531	4.81%	0.410%
28	7.879	1104	1114	1121	rBV6	38031	153213	3.93%	0.335%
29	7.952	1121	1126	1131	rVV	71080	121814	3.12%	0.266%
30	8.092	1143	1149	1152	rBV2	54578	98590	2.53%	0.215%
31	8.141	1152	1157	1161	rVV	145907	234328	6.01%	0.512%
32	8.190	1161	1165	1174	rVB4	52468	126404	3.24%	0.276%
33	8.305	1174	1184	1194	rBV5	113050	318591	8.17%	0.696%
34	8.433	1200	1205	1209	rBV	49848	84361	2.16%	0.184%
35	8.500	1211	1216	1225	rVB3	113088	228087	5.85%	0.498%
36	8.598	1225	1232	1235	rBV2	337812	619524	15.89%	1.353%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

37	8.641	1235	1239	1250	rVB2	364846	714829	18.33%	1.561%
38	8.769	1250	1260	1264	rBV	153879	305061	7.82%	0.666%
39	8.842	1269	1272	1278	rVB2	84698	135734	3.48%	0.296%
40	8.921	1278	1285	1289	rBV2	141770	250470	6.42%	0.547%
41	8.970	1289	1293	1299	rBV	204070	312464	8.01%	0.683%
42	9.098	1306	1314	1319	rBV2	161141	303530	7.78%	0.663%
43	9.159	1319	1324	1334	rVB2	250349	440153	11.29%	0.961%
44	9.427	1364	1368	1370	rBV	65435	95620	2.45%	0.209%
45	9.458	1370	1373	1376	rVV	81026	113762	2.92%	0.248%
46	9.500	1376	1380	1385	rVV4	121413	245559	6.30%	0.536%
47	9.561	1385	1390	1394	rVV	253392	379016	9.72%	0.828%
48	9.604	1394	1397	1402	rVV2	124597	212831	5.46%	0.465%
49	9.756	1416	1422	1428	rBV2	70055	129153	3.31%	0.282%
50	10.049	1466	1470	1475	rVV	292231	400287	10.27%	0.874%
51	10.122	1479	1482	1485	rVV	100256	148175	3.80%	0.324%
52	10.195	1490	1494	1501	rVV	76886	130737	3.35%	0.286%
53	10.275	1501	1507	1509	rVV2	50352	86272	2.21%	0.188%
54	10.585	1551	1558	1565	rVB3	49356	104688	2.68%	0.229%
55	10.774	1582	1589	1592	rBV2	71662	120576	3.09%	0.263%
56	10.957	1615	1619	1623	rBV	190032	255789	6.56%	0.559%
57	11.079	1634	1639	1644	rBV	267463	363096	9.31%	0.793%
58	11.299	1670	1675	1685	rVB	676592	869182	22.29%	1.899%
59	11.610	1722	1726	1734	rVB2	56648	86495	2.22%	0.189%
60	11.860	1761	1767	1769	rBV	139500	182591	4.68%	0.399%
61	11.890	1769	1772	1777	rVB	202714	250115	6.41%	0.546%
62	12.018	1788	1793	1799	rVV	335291	433656	11.12%	0.947%
63	12.177	1814	1819	1824	rVB	59090	81403	2.09%	0.178%
64	12.244	1824	1830	1836	rBV	1061165	1338908	34.34%	2.925%
65	12.311	1836	1841	1843	rBV	371383	518035	13.28%	1.132%
66	12.402	1851	1856	1862	rBV	148097	181646	4.66%	0.397%
67	12.463	1862	1866	1872	rVB	62739	82505	2.12%	0.180%
68	12.609	1882	1890	1894	rBV	1707581	2123023	54.44%	4.637%
69	12.640	1894	1895	1900	rVB	275852	253038	6.49%	0.553%
70	12.695	1900	1904	1912	rBV2	727956	1120232	28.73%	2.447%
71	12.835	1923	1927	1932	rVB3	70117	103547	2.66%	0.226%
72	12.920	1932	1941	1947	rBV	948536	1196781	30.69%	2.614%
73	13.024	1954	1958	1966	rVV2	143500	221858	5.69%	0.485%
74	13.134	1973	1976	1978	rVV	114796	150233	3.85%	0.328%
75	13.164	1978	1981	1992	rVV	621149	839822	21.54%	1.834%
76	13.256	1992	1996	1997	rVV2	96994	103238	2.65%	0.226%

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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW4

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\82X040225W.M
Title : SW846 8260

77	13.286	1997	2001	2008	rVV2	1217953	1832918	47.00%	4.004%
78	13.365	2012	2014	2020	rVV2	115094	179520	4.60%	0.392%
79	13.420	2020	2023	2031	rVB	84587	123285	3.16%	0.269%
80	13.506	2032	2037	2039	rBV	127128	164327	4.21%	0.359%
81	13.542	2039	2043	2046	rVV	325460	447964	11.49%	0.978%
82	13.579	2046	2049	2053	rVV2	330189	479368	12.29%	1.047%
83	13.640	2053	2059	2060	rVV2	156552	250204	6.42%	0.547%
84	13.658	2060	2062	2071	rVV2	304082	474614	12.17%	1.037%
85	13.847	2088	2093	2099	rVB2	103744	156539	4.01%	0.342%
86	13.926	2099	2106	2110	rBV2	185799	284248	7.29%	0.621%
87	13.969	2110	2113	2117	rVB2	99715	114463	2.94%	0.250%
88	14.073	2125	2130	2134	rBV	215824	266527	6.83%	0.582%
89	14.213	2148	2153	2163	rBV2	209137	413446	10.60%	0.903%
90	14.316	2166	2170	2175	rVV	84153	117982	3.03%	0.258%
91	14.371	2175	2179	2183	rVB	138215	167136	4.29%	0.365%
92	14.475	2192	2196	2202	rBV2	139897	209766	5.38%	0.458%
93	14.633	2214	2222	2227	rBV	456489	636111	16.31%	1.389%
94	14.774	2240	2245	2251	rBV	385098	527506	13.53%	1.152%
95	15.371	2338	2343	2346	rBV	71955	105520	2.71%	0.230%
96	15.475	2354	2360	2373	rVV	197403	336295	8.62%	0.735%
97	15.609	2373	2382	2386	rVV	282088	469441	12.04%	1.025%
98	15.646	2386	2388	2397	rVV	138479	206787	5.30%	0.452%
99	15.834	2409	2419	2434	rVV2	78593	214959	5.51%	0.470%
100	15.987	2437	2444	2456	rVB2	48674	97748	2.51%	0.214%

Sum of corrected areas: 45781173

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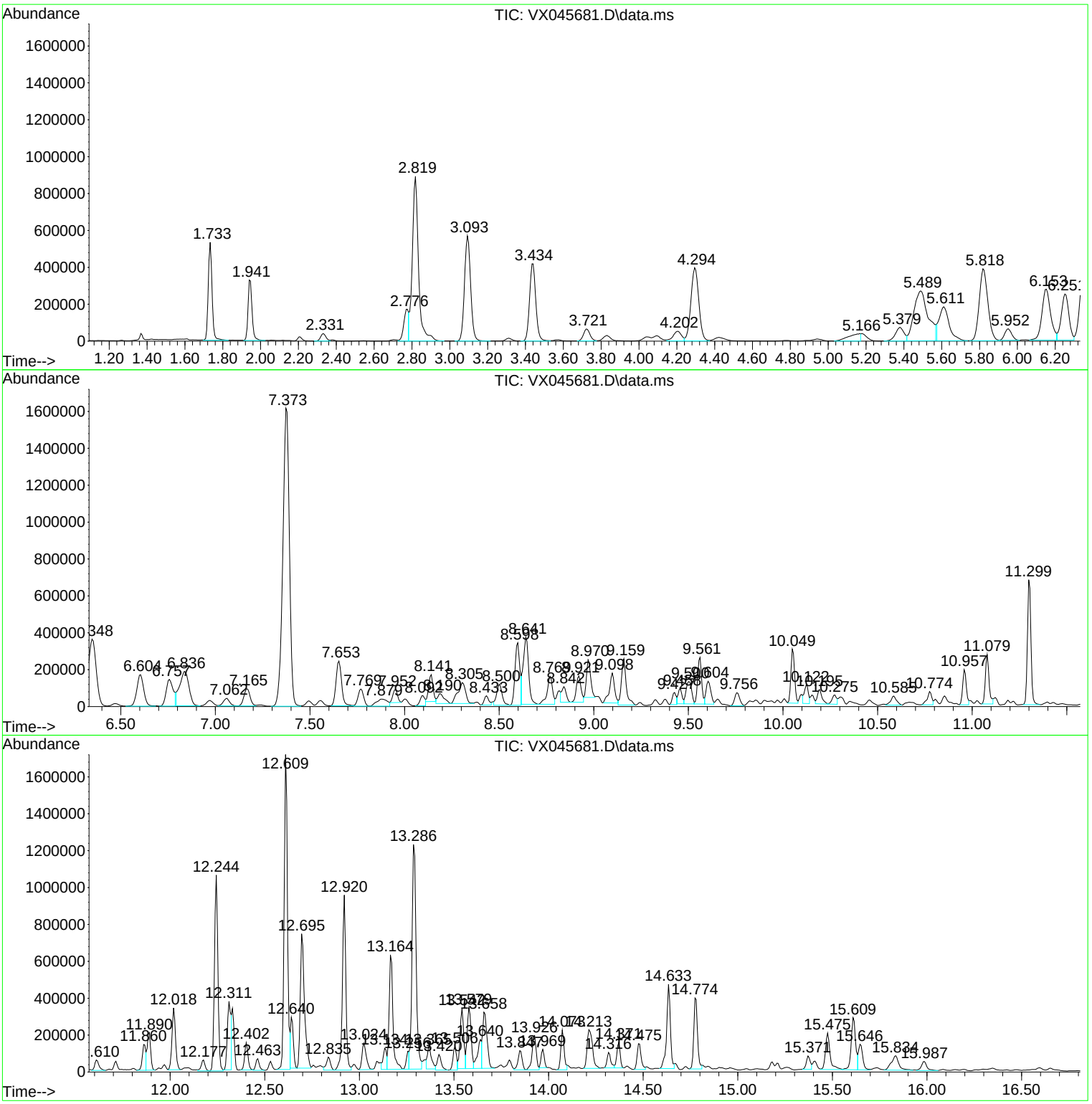
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
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Operator : JC/MD
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

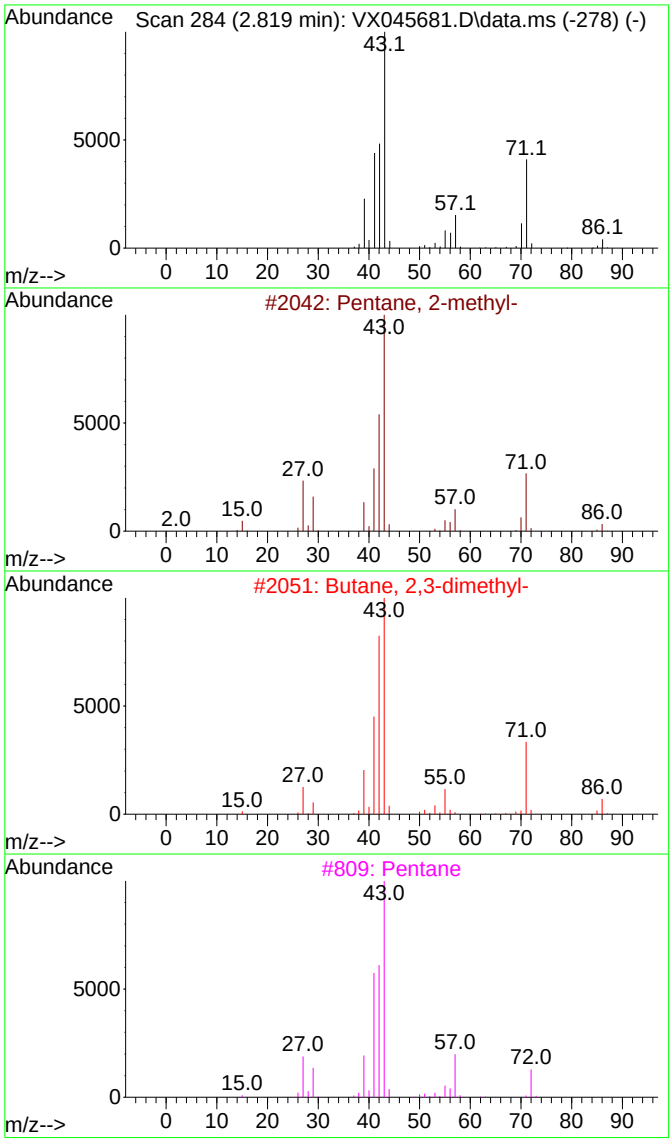
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

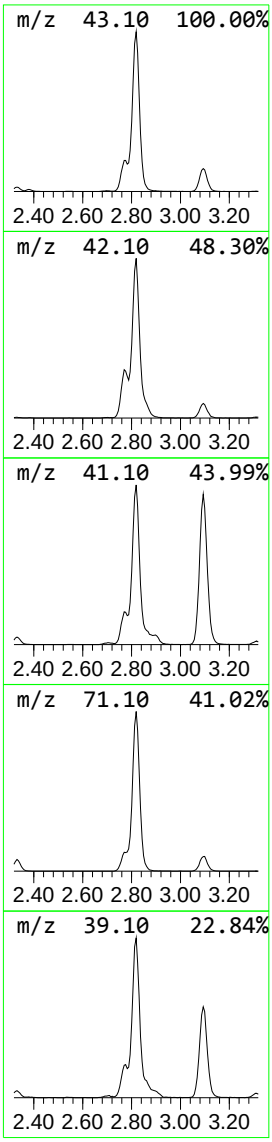
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	153.04 ug/l	2023460	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	49
3	Pentane	72	C5H12	000109-66-0	43
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

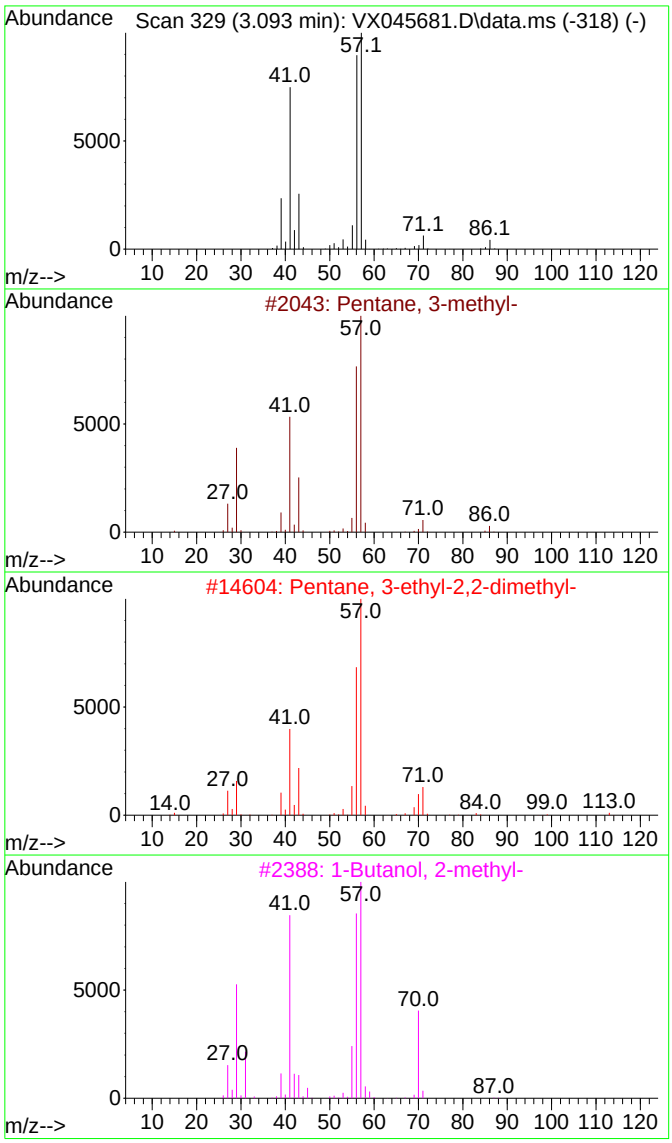
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

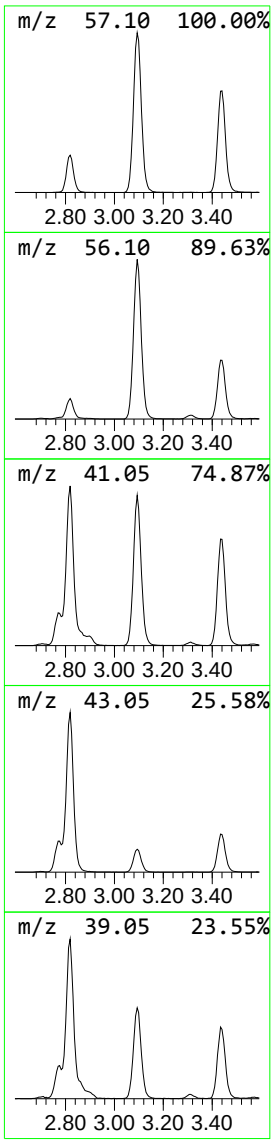
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	97.02 ug/l	1282770	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

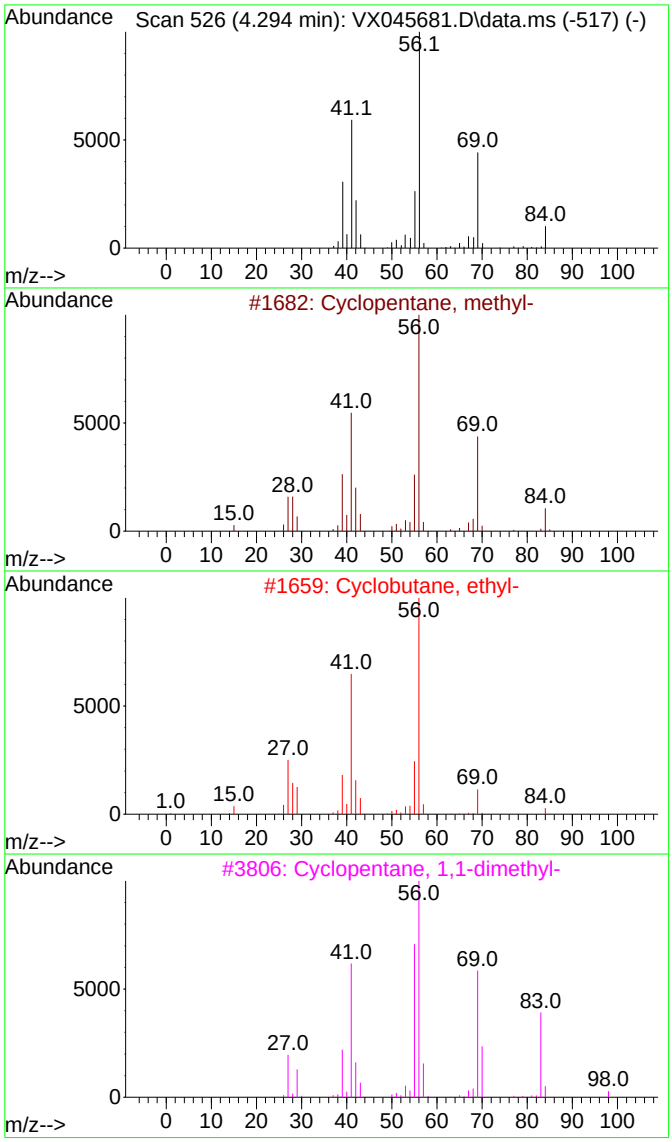
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

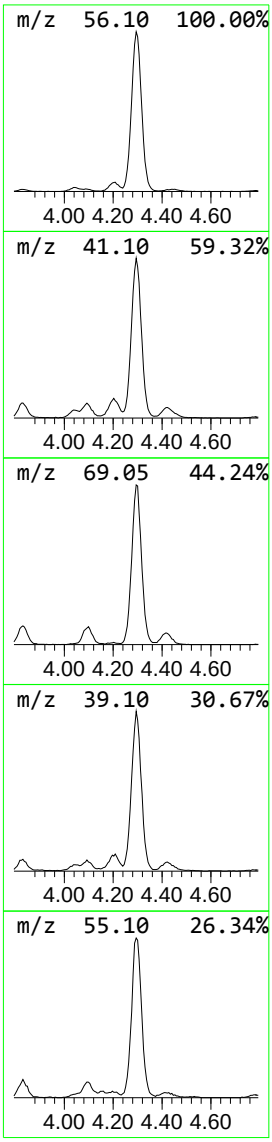
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	86.41 ug/l	1142570	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	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





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Data File : VX045681.D
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Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

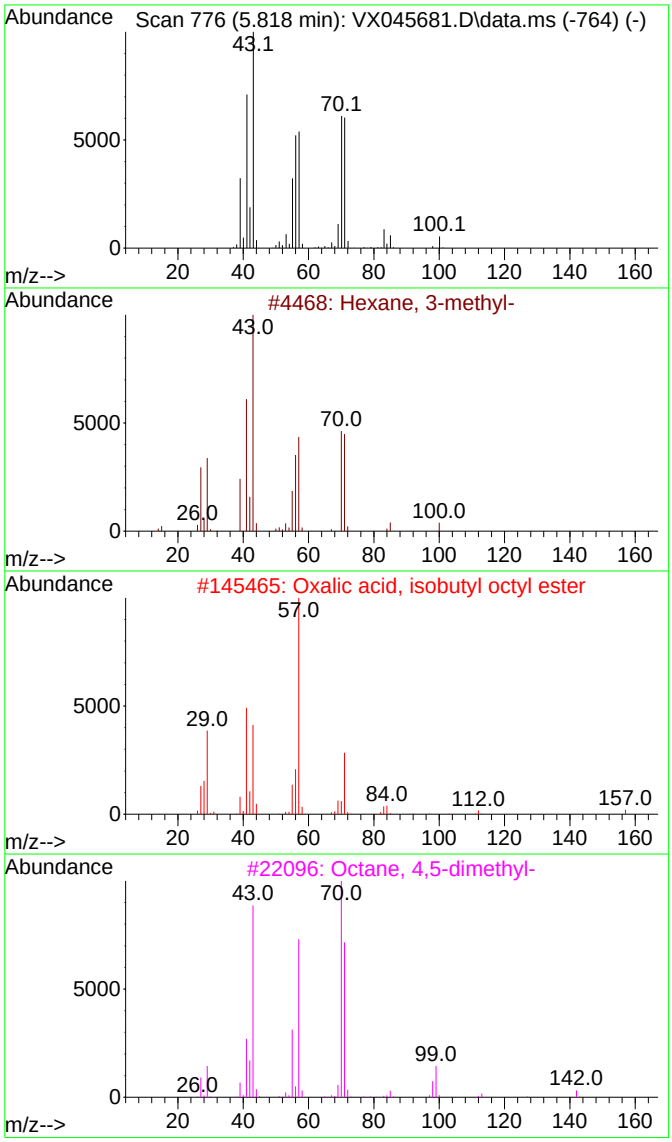
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

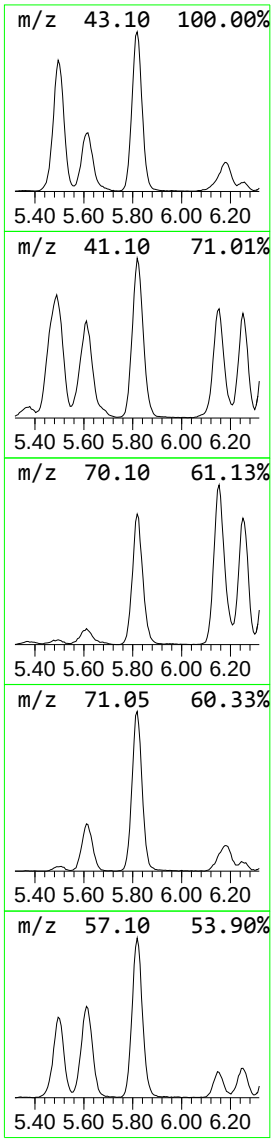
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	93.28 ug/l	1233350	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Heptane	100	C7H16	000142-82-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

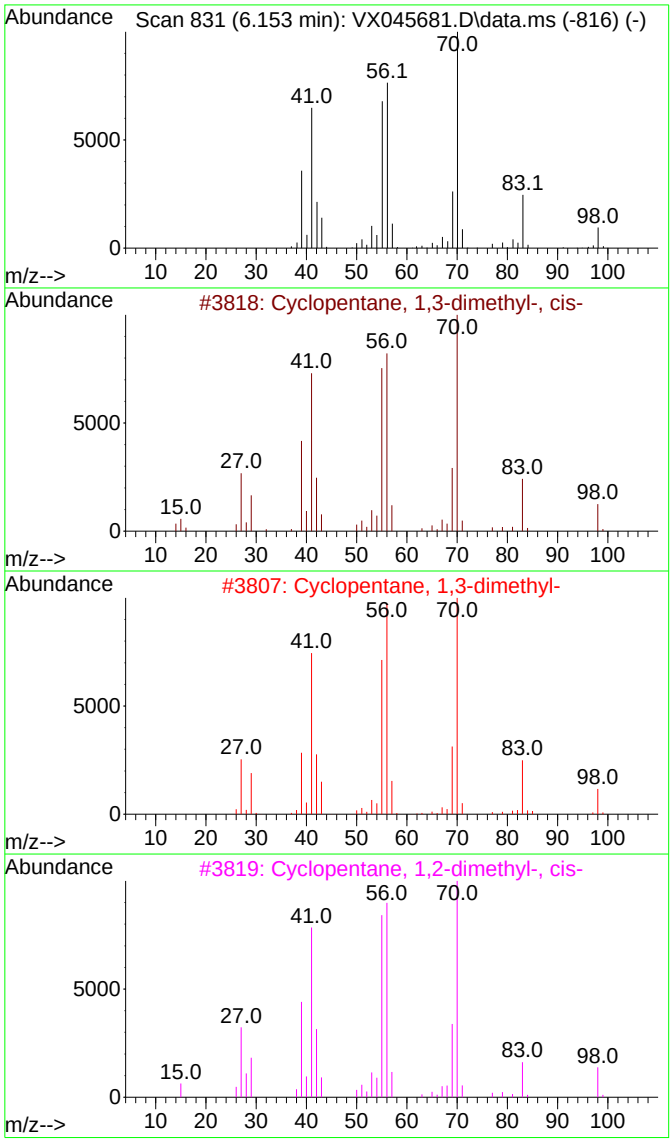
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

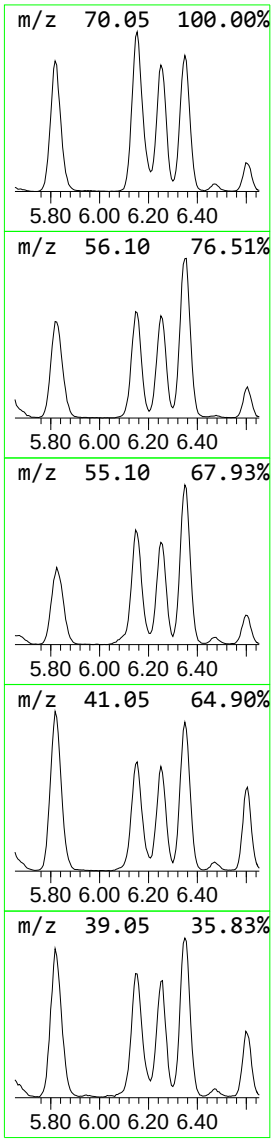
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.153	118.45 ug/l	889028	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	97
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

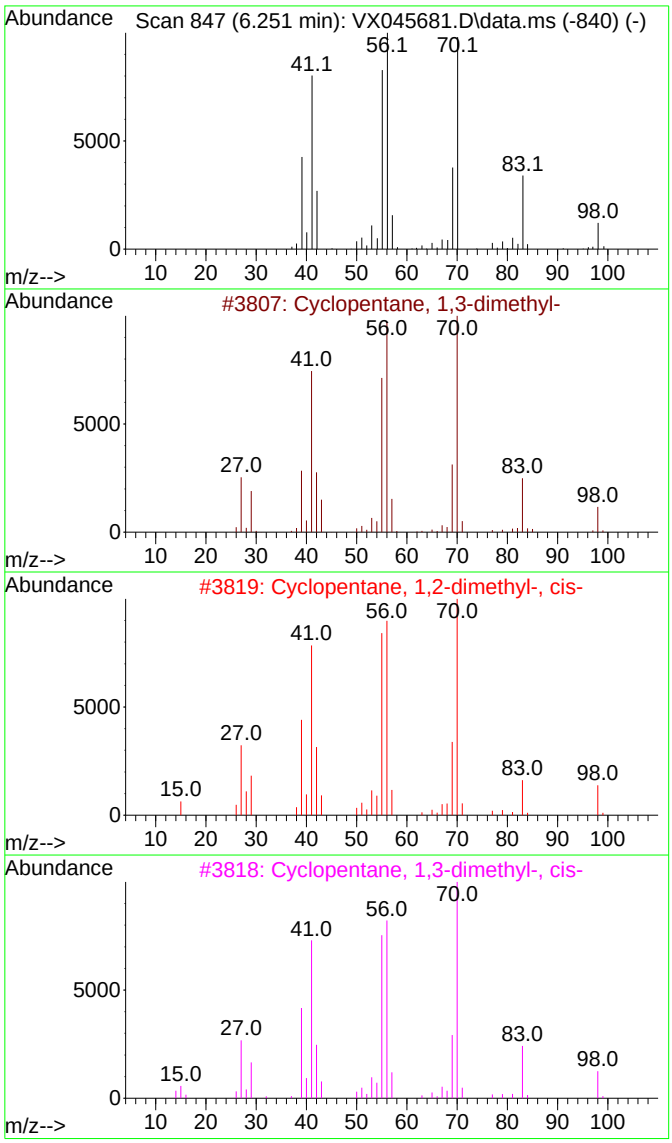
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

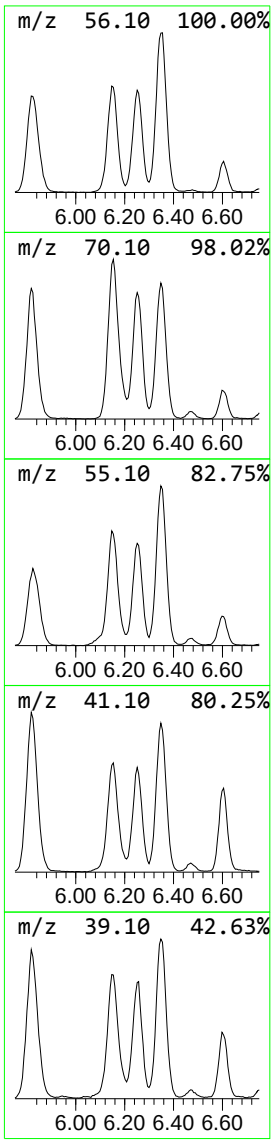
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	92.36 ug/l	693189	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81
5	1-Heptene	98	C7H14	000592-76-7	58





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Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

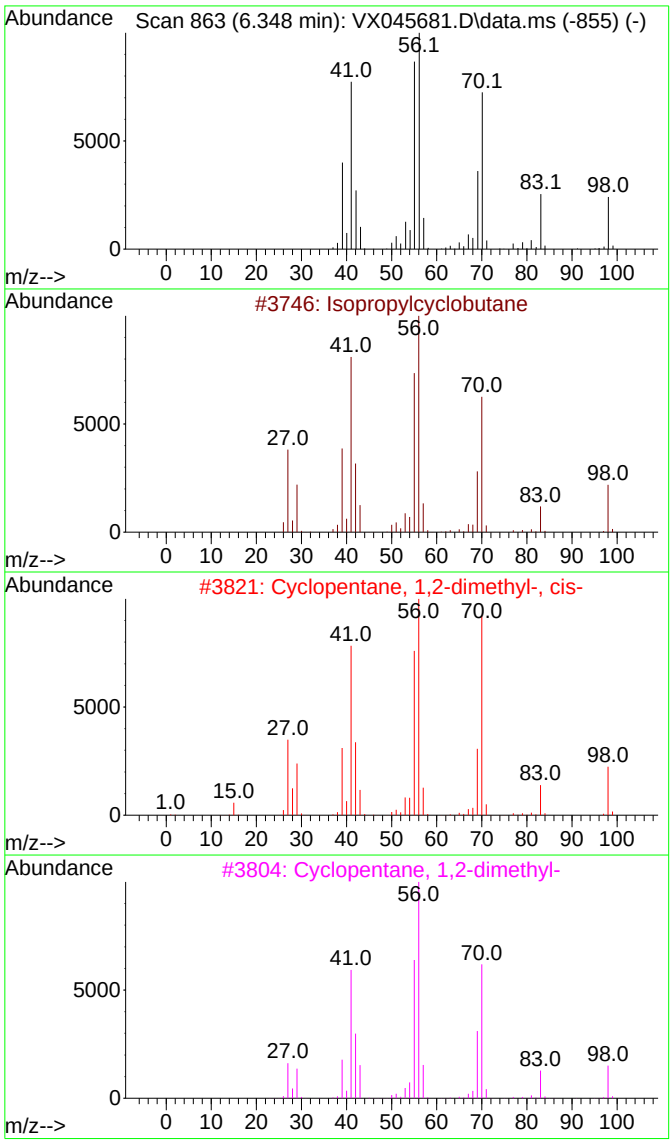
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

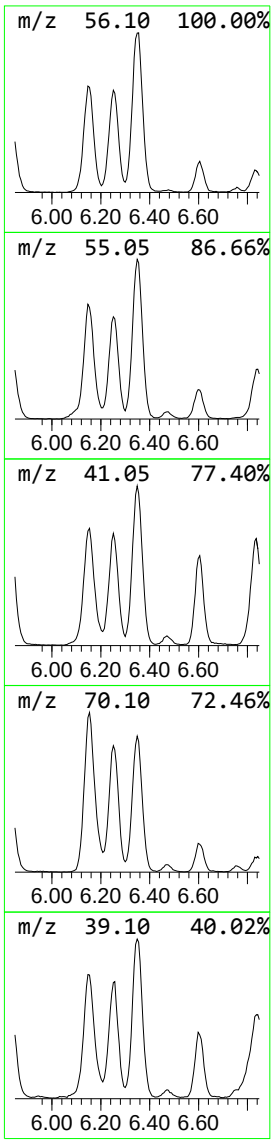
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.348	138.58 ug/l	1040120	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	95
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5	Cycloheptane	98	C7H14	000291-64-5	80





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Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

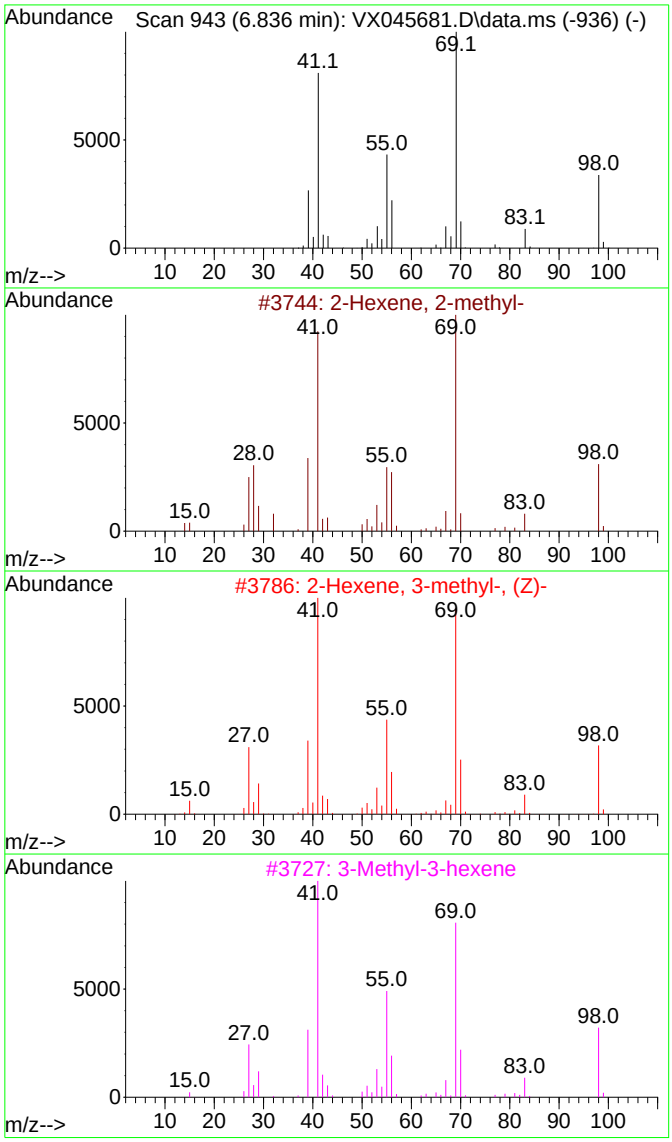
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

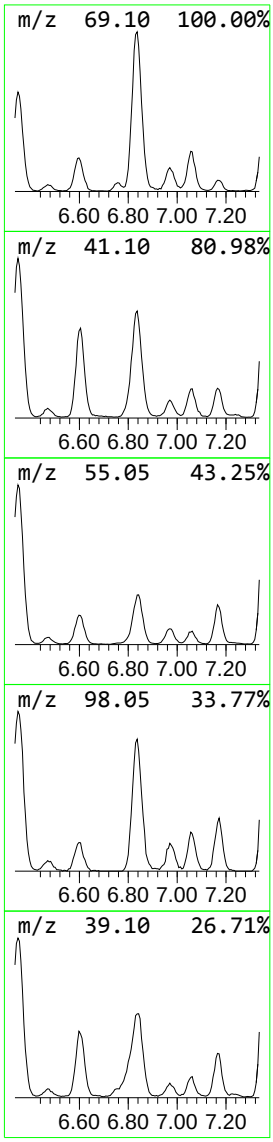
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Hexene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	82.51 ug/l	619278	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	91
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	91
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	86
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	83





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

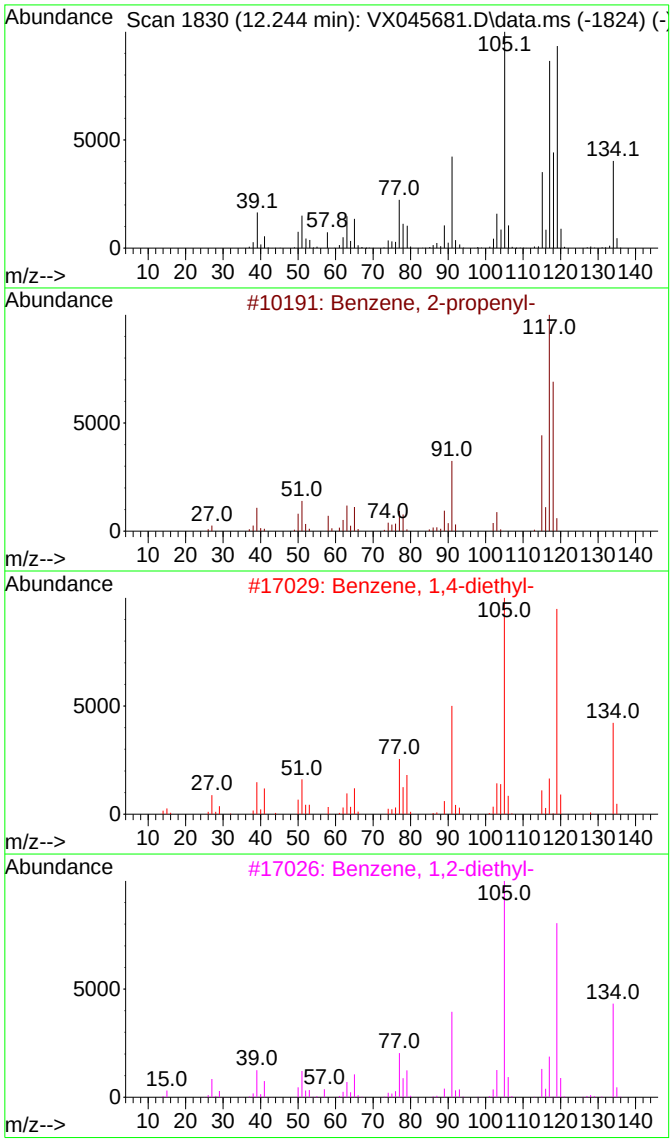
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

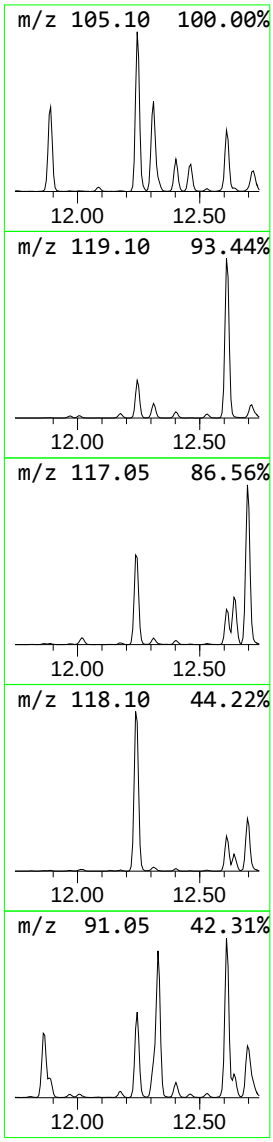
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	154.37 ug/l	1338910	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Deltacyclene	118	C9H10	007785-10-6	55
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55





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Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

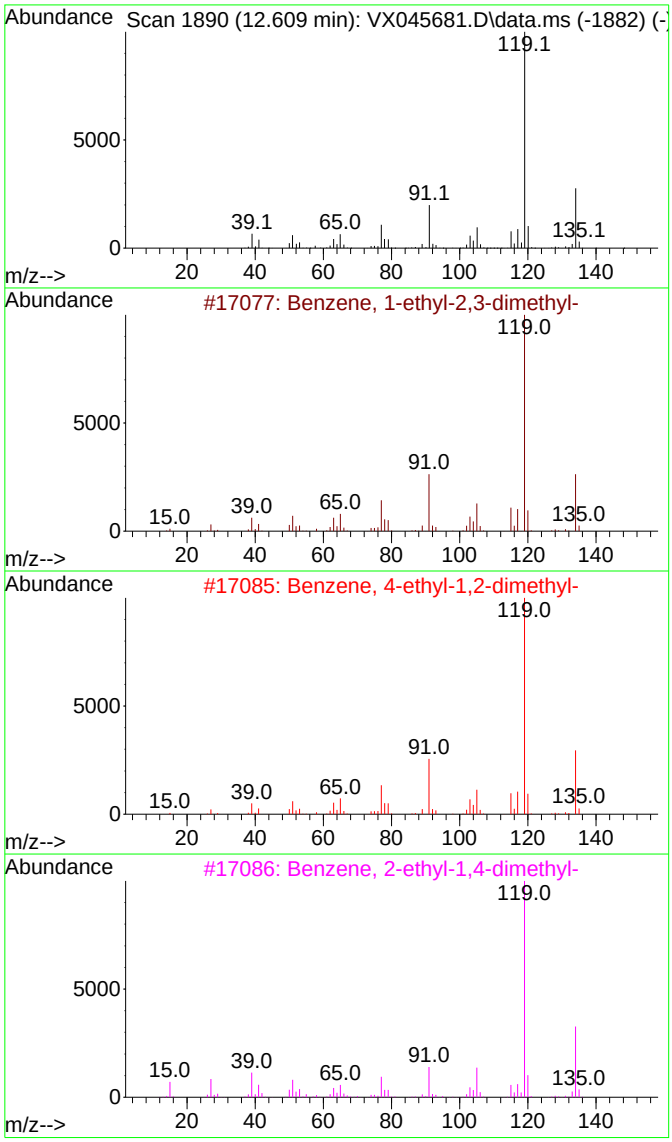
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

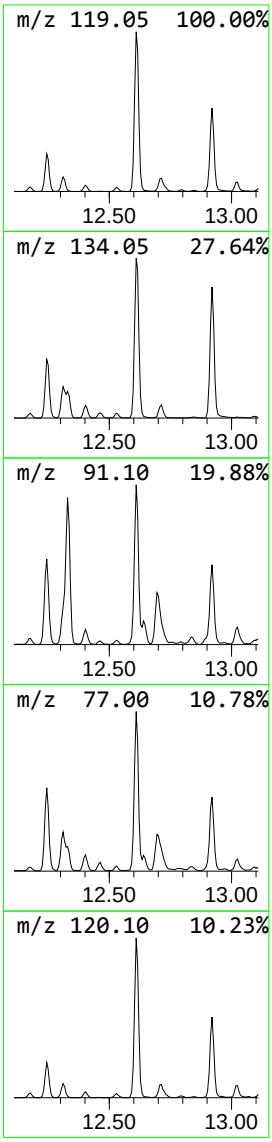
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	244.78 ug/l	2123020	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

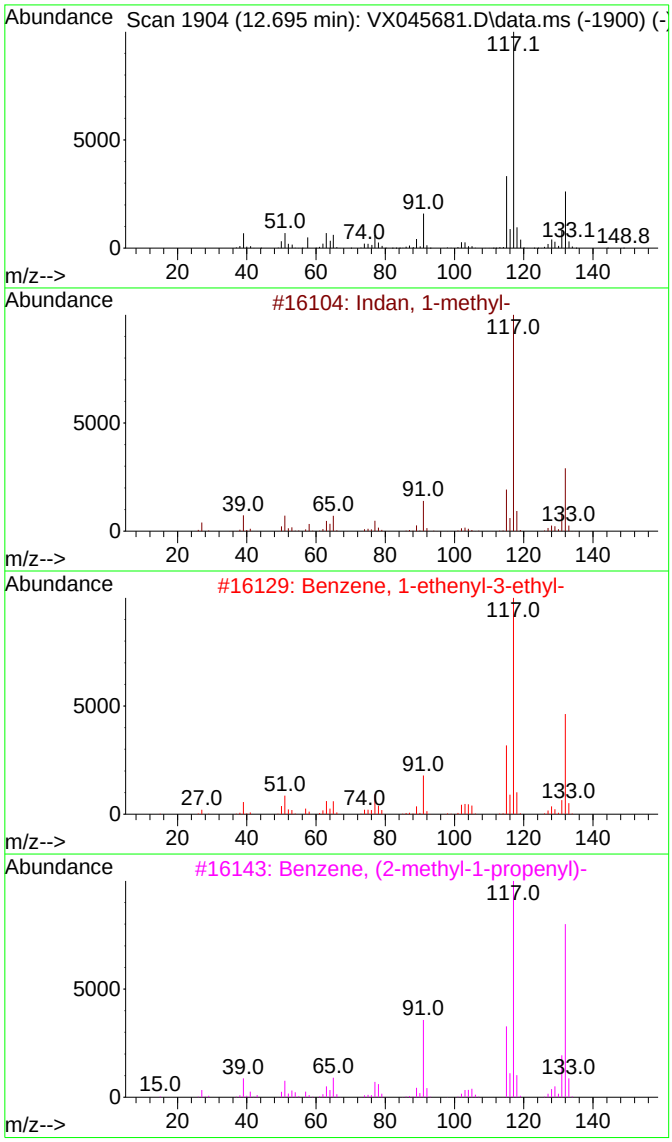
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

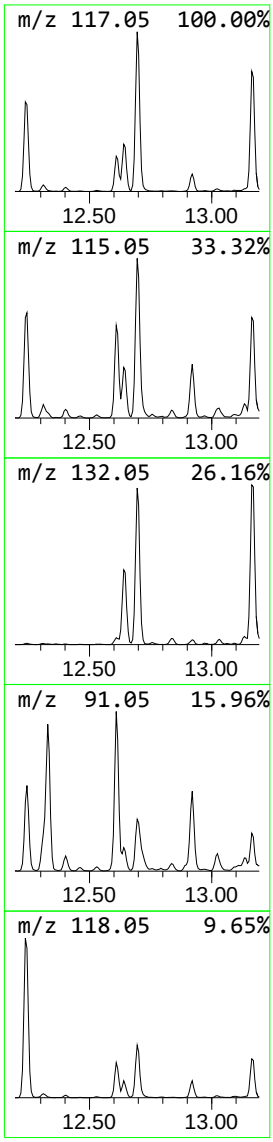
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	129.16 ug/l	1120230	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

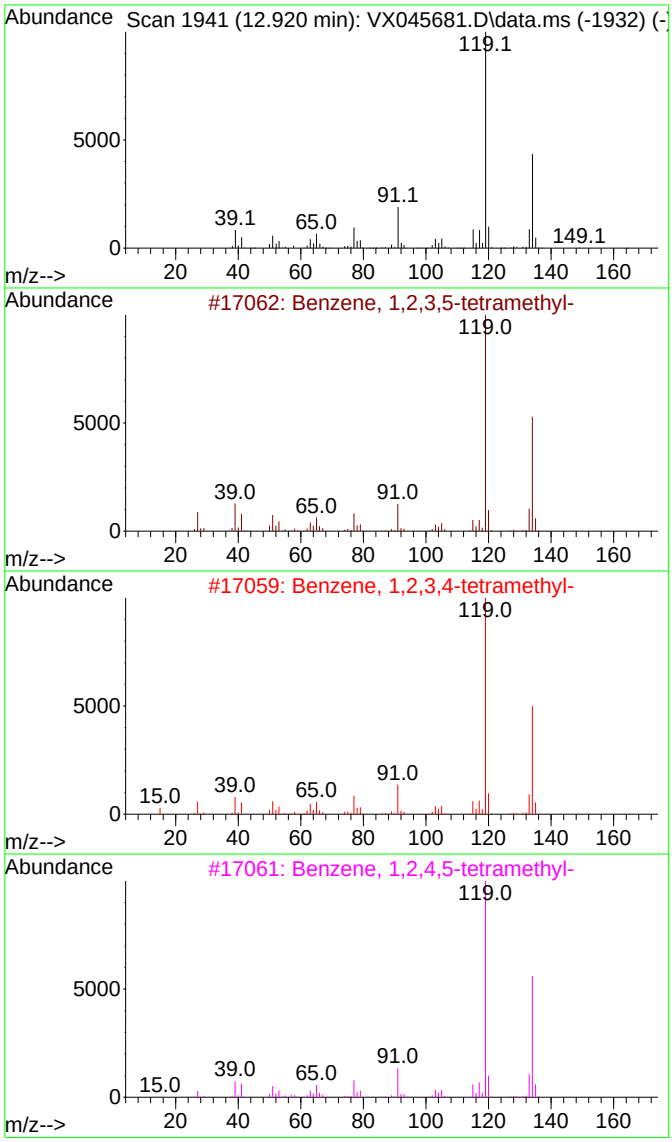
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

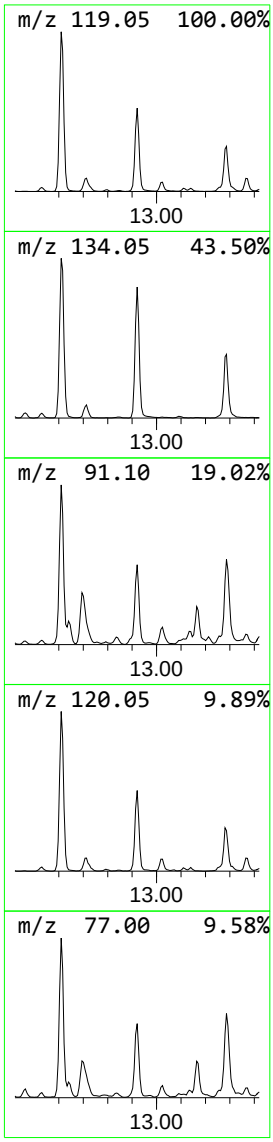
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	137.99 ug/l	1196780	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

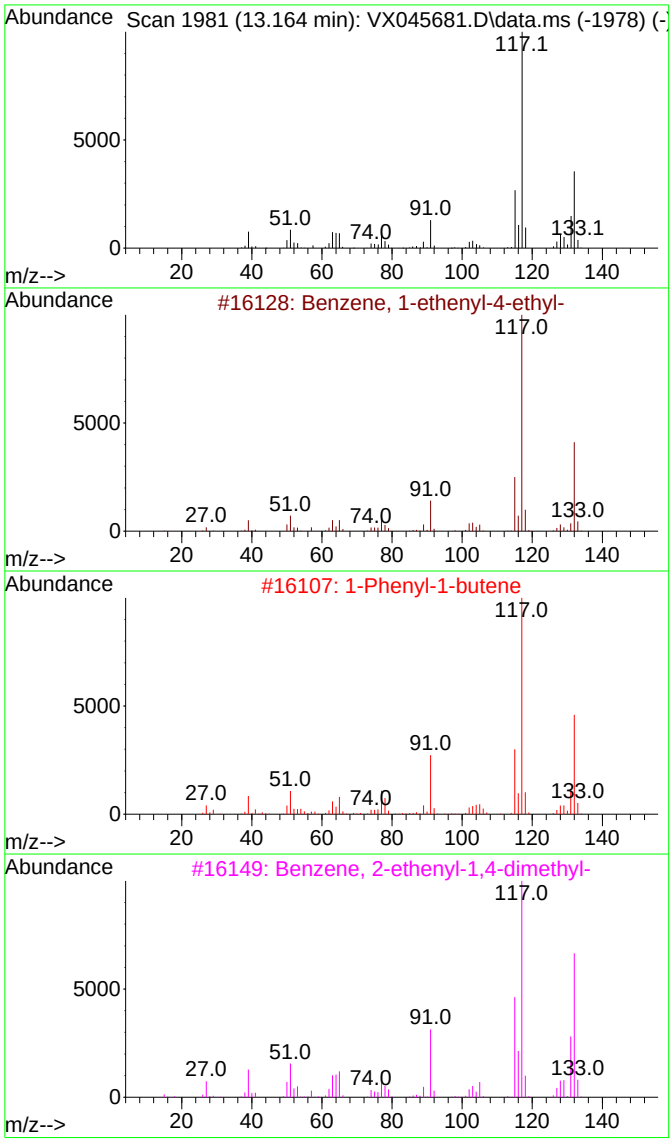
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

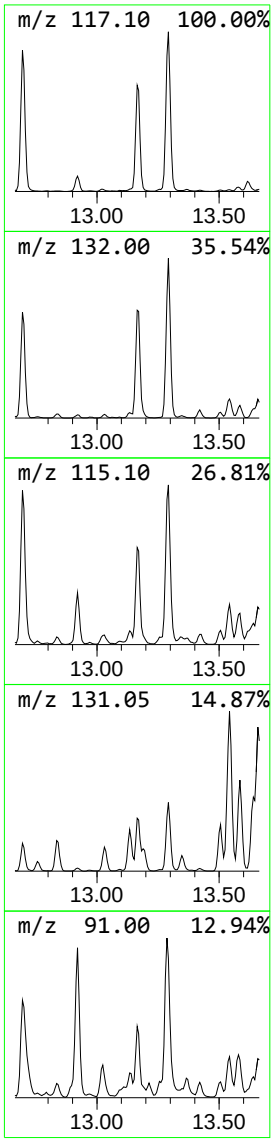
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	96.83 ug/l	839822	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	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	91
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

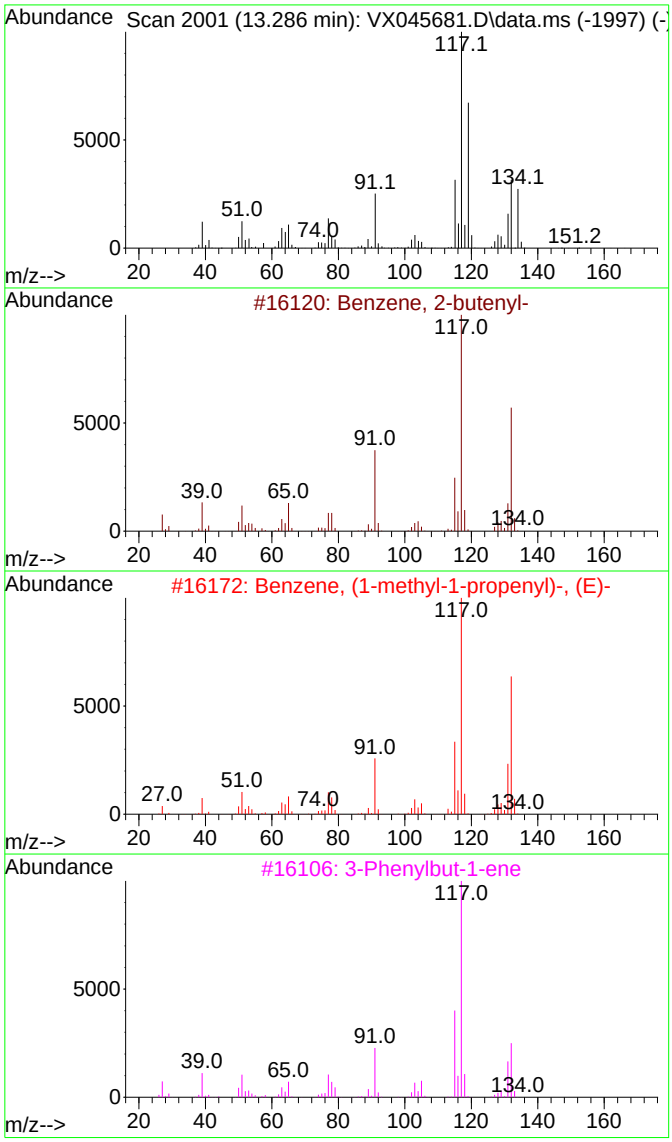
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

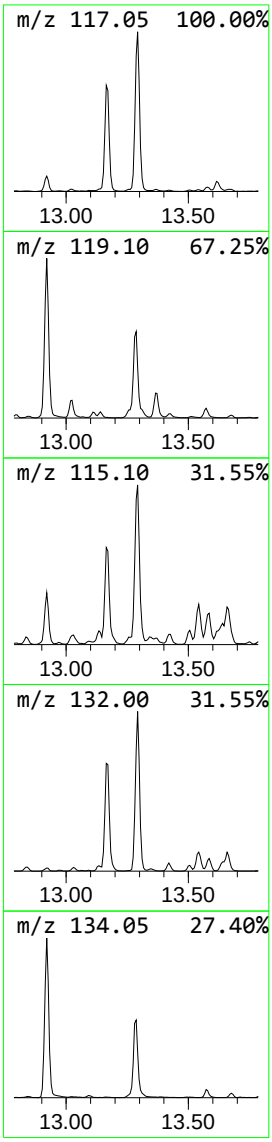
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	211.33 ug/l	1832920	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

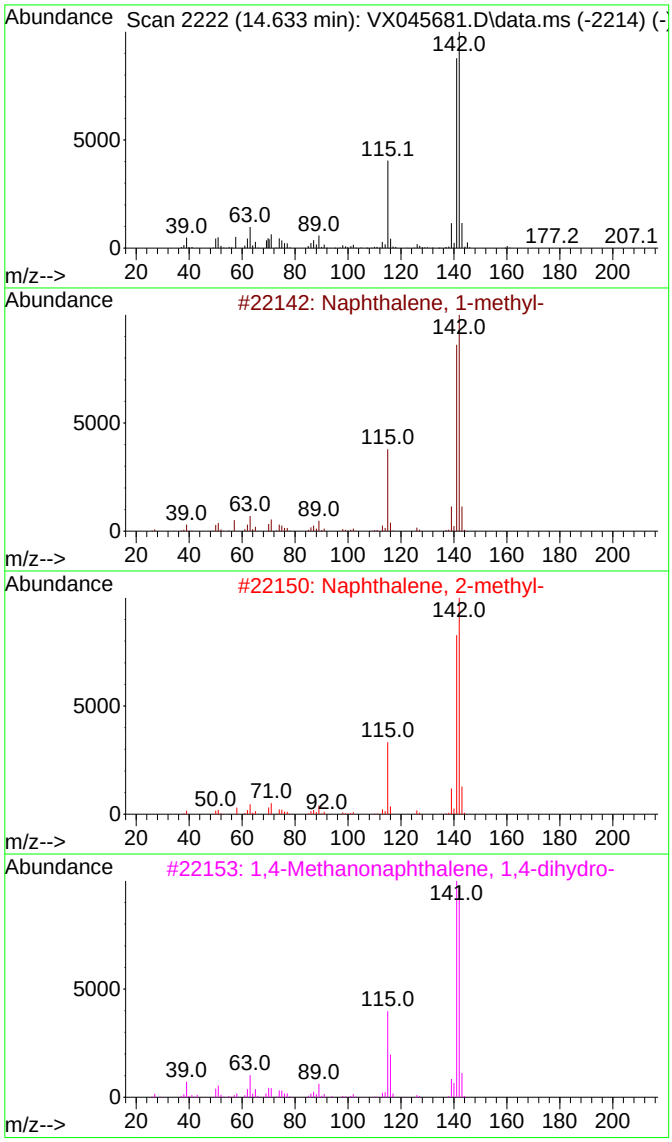
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

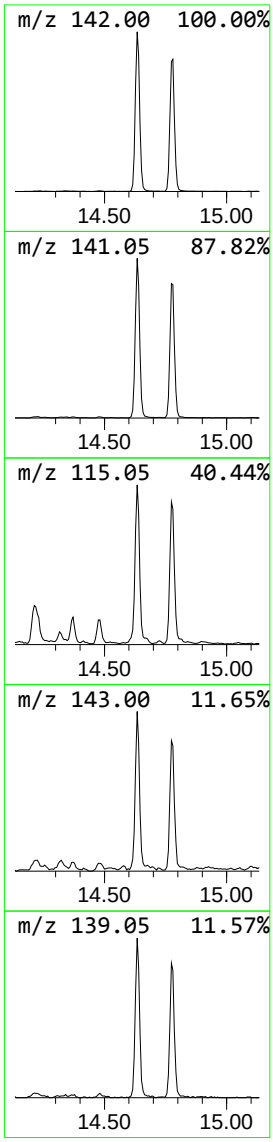
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	73.34 ug/l	636111	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Tentatively Identified Compound (LSC) summary

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Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.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	153.0	ug/l	2023460	1	5.550	661099	50.0
Pentane, 3-methyl-	3.093	97.0	ug/l	1282770	1	5.550	661099	50.0
Cyclopentane, m...	4.294	86.4	ug/l	1142570	1	5.550	661099	50.0
Hexane, 3-methyl-	5.818	93.3	ug/l	1233350	1	5.550	661099	50.0
Cyclopentane, 1...	6.153	118.5	ug/l	889028	2	6.757	375272	50.0
Cyclopentane, 1...	6.251	92.4	ug/l	693189	2	6.757	375272	50.0
Isopropylcyclob...	6.348	138.6	ug/l	1040120	2	6.757	375272	50.0
2-Hexene, 2-met...	6.836	82.5	ug/l	619278	2	6.757	375272	50.0
Benzene, 2-prop...	12.244	154.4	ug/l	1338910	4	12.018	433656	50.0
Benzene, 1-ethy...	12.610	244.8	ug/l	2123020	4	12.018	433656	50.0
Indan, 1-methyl-	12.695	129.2	ug/l	1120230	4	12.018	433656	50.0
Benzene, 1,2,3,...	12.920	138.0	ug/l	1196780	4	12.018	433656	50.0
Benzene, 1-ethe...	13.164	96.8	ug/l	839822	4	12.018	433656	50.0
Benzene, 2-bute...	13.286	211.3	ug/l	1832920	4	12.018	433656	50.0
Naphthalene, 1-...	14.634	73.3	ug/l	636111	4	12.018	433656	50.0