LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

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\82X061822W.M
Title : SW846 8260

Signal : TIC: VX029642.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	26	29	42	rBV	133312	160690	9.11%	0.677%
2	1.368	43	46	52	rVB	155647	162576	9.21%	0.685%
3	1.752	103	109	123	rVB	1308940	1764695	100.00%	7.437%
4	1.953	137	142	153	rVB	92049	133699	7.58%	0.563%
5	2.130	166	171	178	rVB	14678	27117	1.54%	0.114%
6	2.215	180	185	192	rVB	28252	43111	2.44%	0.182%
7	2.343	192	206	211	rBV	239375	484762	27.47%	2.043%
8	2.386	211	213	221	rVB	43330	61304	3.47%	0.258%
9	2.569	236	243	256	rVB	7562	25109	1.42%	0.106%
10	2.782	266	278	283	rBV	454827	1021422	57.88%	4.305%
11	2.825	283	285	289	rVV	154122	259917	14.73%	1.095%
12	2.867	289	292	302	rVB2	86383	171167	9.70%	0.721%
13	3.105	320	331	346	rBV	222281	497460	28.19%	2.096%
14	3.733	427	434	443	rBV	9578	23002	1.30%	0.097%
15	3.837	443	451	458	rBV4	12419	31480	1.78%	0.133%
16	4.056	469	487	493	rBV	21980	70244	3.98%	0.296%
17	4.215	500	513	520	rBV2	83175	253540	14.37%	1.068%
18	4.306	520	528	539	rVV	165674	470984	26.69%	1.985%
19	4.440	539	550	563	rVB5	15714	61411	3.48%	0.259%
20	4.568	563	571	587	rVB	13060	39692	2.25%	0.167%
21	4.898	616	625	633	rBV3	6543	21686	1.23%	0.091%
22	5.129	642	663	674	rBV6	31313	146893	8.32%	0.619%
23	5.391	694	706	714	rBV	150581	442719	25.09%	1.866%
24	5.477	714	720	725	rVV3	46823	142783	8.09%	0.602%
25	5.556	725	733	739	rVV2	271961	819809	46.46%	3.455%
26	5.623	739	744	765	rVB2	204412	626835	35.52%	2.642%
27	5.836	769	779	790	rVV4	24652	86189	4.88%	0.363%
28	5.958	790	799	806	rVV	156781	413632	23.44%	1.743%
29	6.044	806	813	824	rVV	119981	329050	18.65%	1.387%
30	6.251	825	847	857	rVV	204673	791171	44.83%	3.334%
31	6.361	857	865	877	rVB2	62417	178397	10.11%	0.752%
32	6.641	900	911	921	rVB	10472	32902	1.86%	0.139%
33	6.763	921	931	942	rBV	420952	1004547	56.92%	4.233%
34	6.855	942	946	954	rVB6	13119	31568	1.79%	0.133%
35	6.983	958	967	975	rBV4	15305	41459	2.35%	0.175%
36	7.178	992	999	1005	rVB2	17043	38955	2.21%	0.164%

LSC Area Percent Report

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Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

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\82X061822W.M
Title : SW846 8260

37	7.361	1021	1029	1041	rVB3	95952	257382	14.59%	1.085%
38	7.501	1041	1052	1057	rBV5	17835	49331	2.80%	0.208%
39	7.562	1057	1062	1066	rBV3	14404	27655	1.57%	0.117%
40	7.653	1073	1077	1084	rVB3	10101	18310	1.04%	0.077%
41	7.775	1091	1097	1104	rVB2	29072	60233	3.41%	0.254%
42	7.885	1104	1115	1123	rBV5	19670	70668	4.00%	0.298%
43	7.988	1123	1132	1143	rVB	103097	222096	12.59%	0.936%
44	8.110	1143	1152	1162	rBV2	133886	301424	17.08%	1.270%
45	8.318	1180	1186	1193	rBV6	14261	34363	1.95%	0.145%
46	8.507	1210	1217	1225	rVB4	44605	95620	5.42%	0.403%
47	8.653	1225	1241	1249	rBV	829942	1399789	79.32%	5.899%
48	8.720	1249	1252	1258	rVB	16351	25573	1.45%	0.108%
49	8.958	1286	1291	1300	rVB	185789	313136	17.74%	1.320%
50	9.049	1300	1306	1311	rBV	168215	266485	15.10%	1.123%
51	9.104	1311	1315	1320	rVB	44439	72713	4.12%	0.306%
52	9.165	1320	1325	1329	rBV	24488	40294	2.28%	0.170%
53	9.311	1345	1349	1356	rBV5	9987	18137	1.03%	0.076%
54	9.433	1364	1369	1371	rBV	12729	20500	1.16%	0.086%
55	9.513	1377	1382	1388	rVB3	23823	43101	2.44%	0.182%
56	9.763	1417	1423	1427	rBV3	11994	19082	1.08%	0.080%
57	10.055	1465	1471	1477	rBV	845217	1099522	62.31%	4.634%
58	10.128	1480	1483	1490	rVV	21362	35477	2.01%	0.150%
59	10.195	1490	1494	1500	rVV	65984	88743	5.03%	0.374%
60	10.305	1504	1512	1517	rVB2	41975	75662	4.29%	0.319%
61	10.964	1614	1620	1627	rBV	550895	675397	38.27%	2.846%
62	11.079	1633	1639	1645	rBV	613168	823359	46.66%	3.470%
63	11.305	1671	1676	1686	rVB	502176	607801	34.44%	2.561%
64	11.616	1721	1727	1734	rBV	129796	168779	9.56%	0.711%
65	11.713	1734	1743	1747	rBV	14108	22087	1.25%	0.093%
66	11.866	1761	1768	1770	rBV	90224	111010	6.29%	0.468%
67	11.890	1770	1772	1781	rVB	71051	82584	4.68%	0.348%
68	12.024	1789	1794	1798	rVV	823694	1035691	58.69%	4.365%
69	12.061	1798	1800	1806	rVB	30343	32221	1.83%	0.136%
70	12.177	1814	1819	1824	rBV	30132	38675	2.19%	0.163%
71	12.244	1824	1830	1837	rVV2	1326938	1642994	93.10%	6.924%
72	12.317	1837	1842	1851	rVB2	101086	154373	8.75%	0.651%
73	12.408	1851	1857	1861	rBV	128854	158730	8.99%	0.669%
74	12.469	1861	1867	1873	rVB2	155532	226058	12.81%	0.953%
75	12.616	1883	1891	1893	rBV	26864	40522	2.30%	0.171%
76	12.646	1893	1896	1900	rVV	62972	78364	4.44%	0.330%

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Title : SW846 8260

77	12.701	1900	1905	1912	rVV	626642	834801	47.31%	3.518%
78	12.762	1912	1915	1919	rVB	18205	21508	1.22%	0.091%
79	12.841	1919	1928	1933	rVB	50896	70367	3.99%	0.297%
80	12.921	1933	1941	1947	rBV	275544	362131	20.52%	1.526%
81	13.030	1954	1959	1965	rVB2	52094	81602	4.62%	0.344%
82	13.140	1967	1977	1980	rBV2	78252	129626	7.35%	0.546%
83	13.170	1980	1982	1984	rVV	40453	45345	2.57%	0.191%
84	13.195	1984	1986	1990	rVB	41241	42533	2.41%	0.179%
85	13.292	1998	2002	2007	rVV2	46549	66474	3.77%	0.280%
86	13.347	2007	2011	2016	rVV2	32778	43548	2.47%	0.184%
87	13.427	2020	2024	2031	rVB2	24931	33818	1.92%	0.143%
88	13.548	2040	2044	2047	rBV	46892	56337	3.19%	0.237%
89	13.579	2047	2049	2052	rVV	39901	41432	2.35%	0.175%
90	13.622	2052	2056	2057	rVV2	37756	46864	2.66%	0.197%
91	13.640	2057	2059	2068	rVB	60210	94297	5.34%	0.397%
92	13.853	2090	2094	2099	rVB2	28835	36012	2.04%	0.152%
93	13.926	2099	2106	2110	rBV2	28893	44760	2.54%	0.189%
94	14.323	2166	2171	2176	rBV	43053	55866	3.17%	0.235%
95	14.378	2176	2180	2185	rVB4	13645	19449	1.10%	0.082%
96	14.597	2210	2216	2220	rBV	34858	48343	2.74%	0.204%
97	14.786	2241	2247	2254	rBV2	43770	68978	3.91%	0.291%
98	15.987	2439	2444	2450	rVB2	10698	18621	1.06%	0.078%

Sum of corrected areas: 23728630

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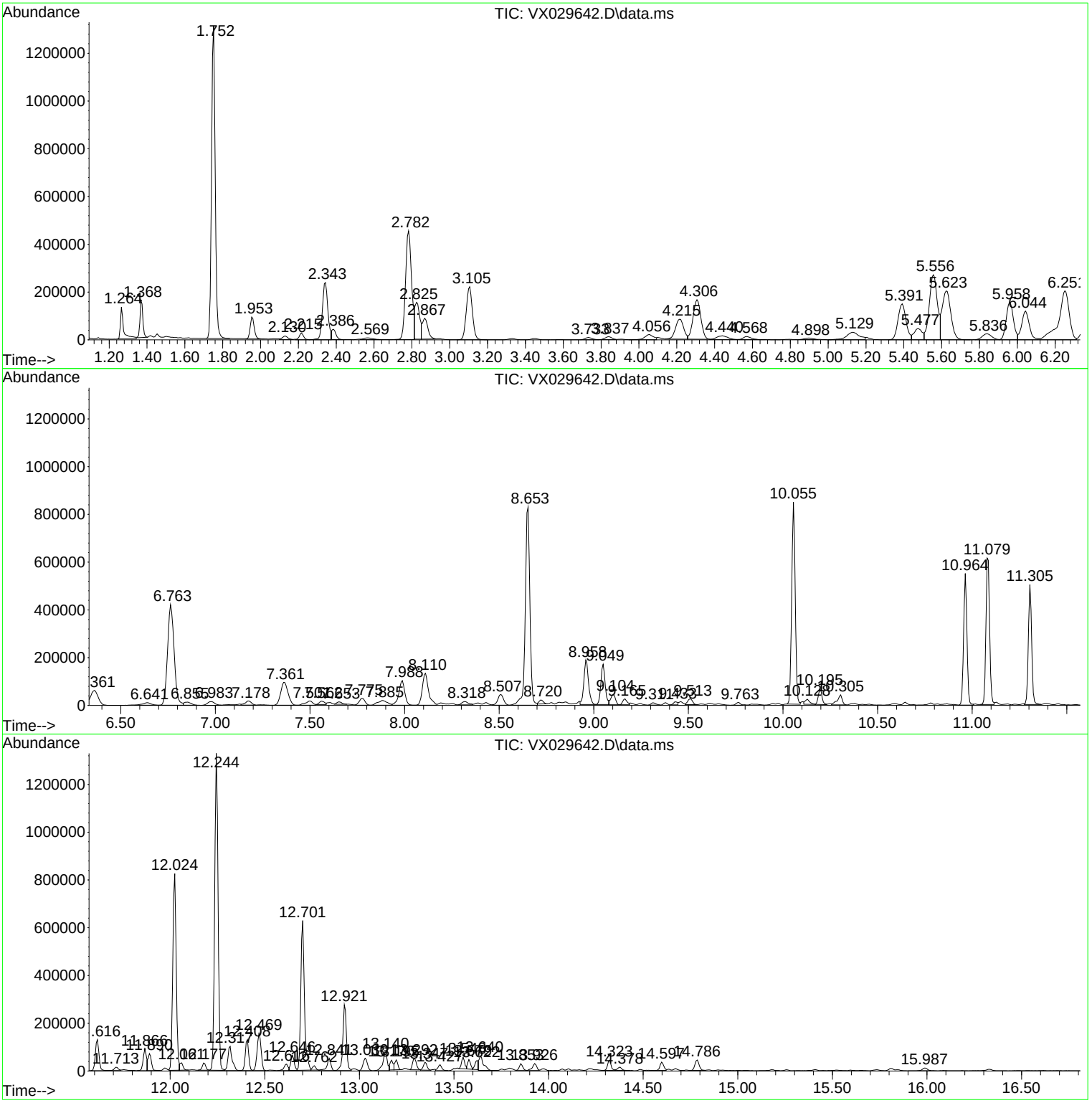
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
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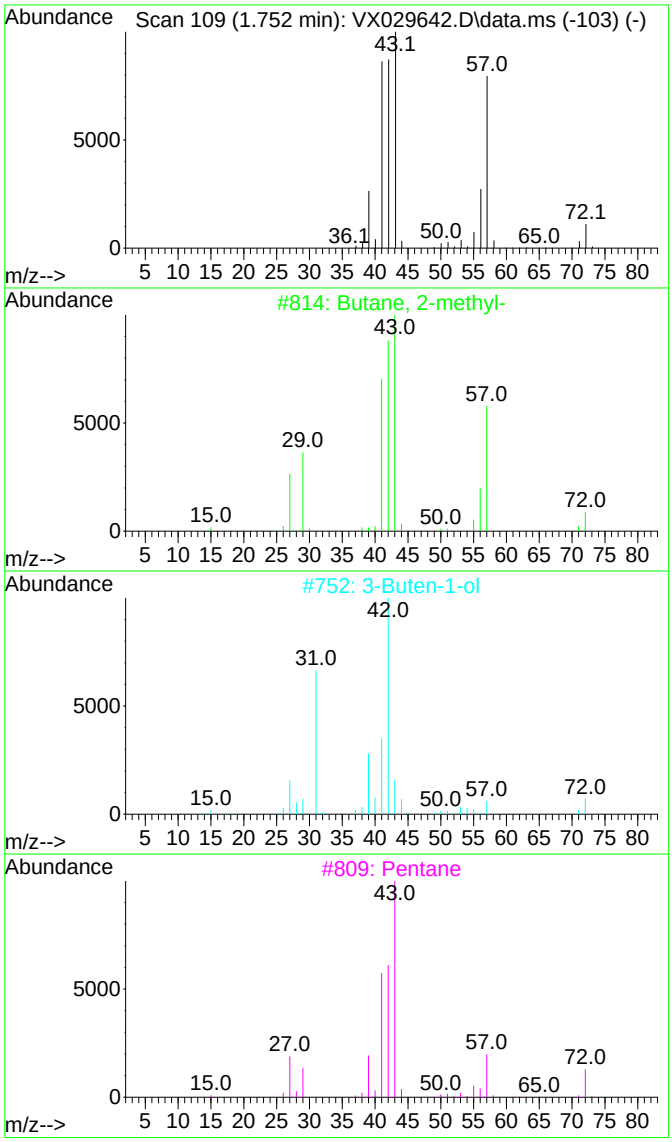
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

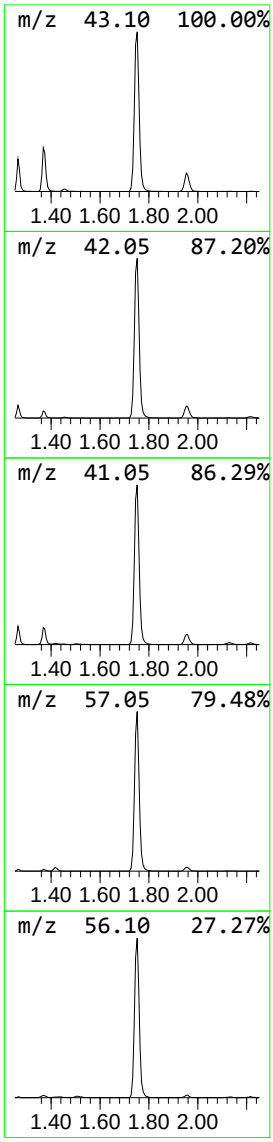
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	107.63 ug/l	1764700	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	3-Buten-1-ol	72	C4H8O	000627-27-0	43
3	Pentane	72	C5H12	000109-66-0	43
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

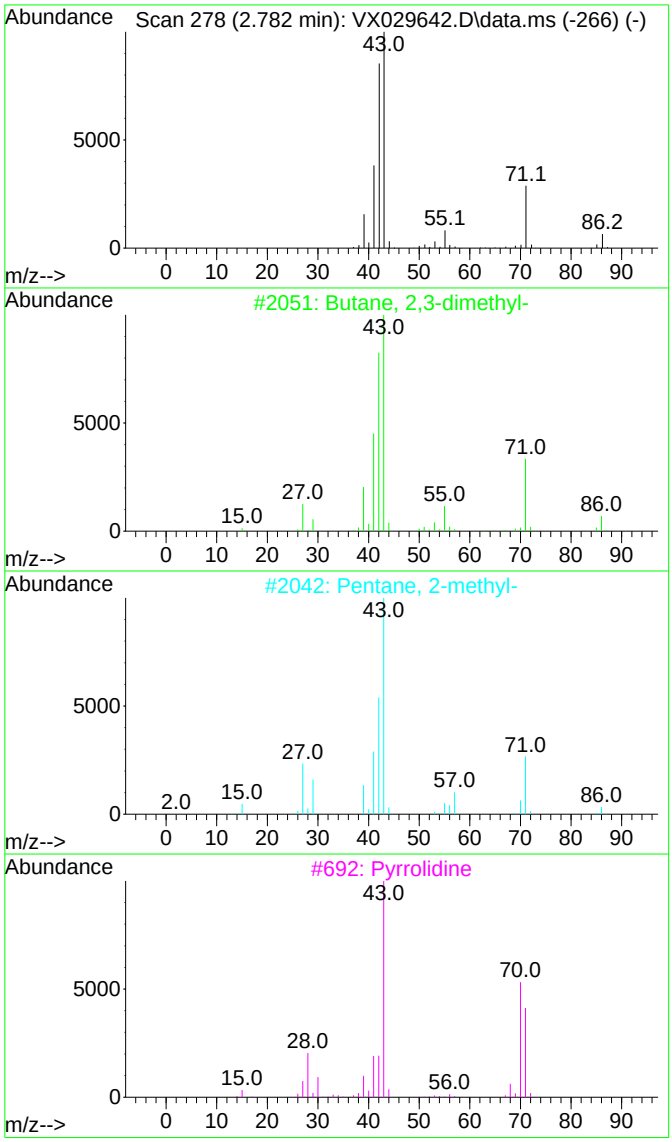
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

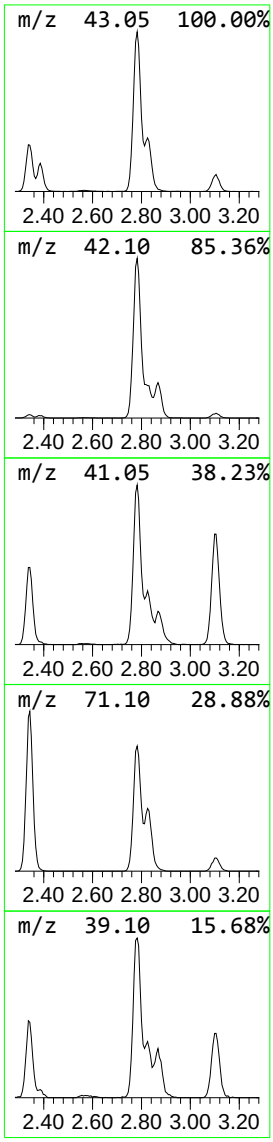
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	62.30 ug/l	1021420	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Pyrrolidine	71	C4H9N	000123-75-1	10
4	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	10
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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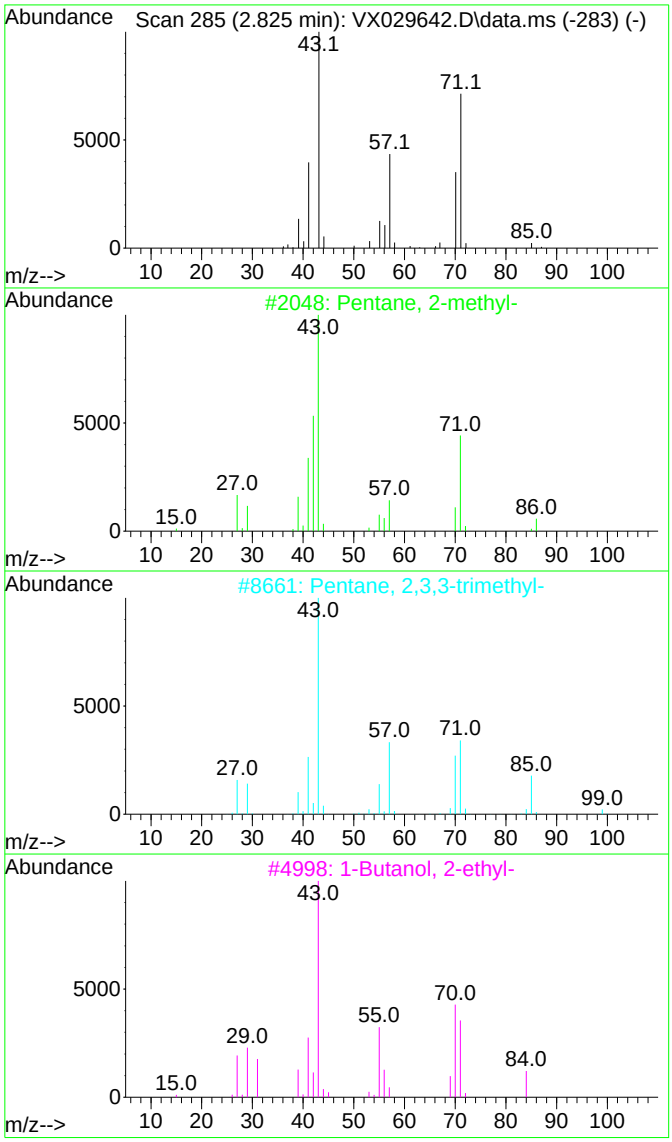
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

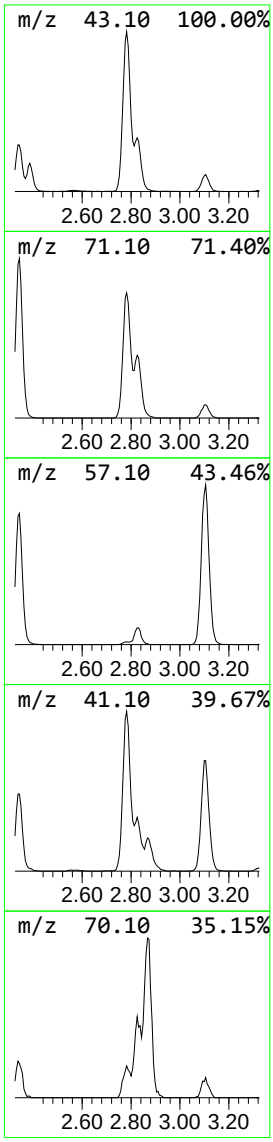
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	15.85 ug/l	259917	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	33
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	33
4	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	28
5	Pyruvic acid, butyl ester	144	C7H12O3	020279-44-1	25





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Acq On : 21 Jun 2022 05:45
Operator : JC/MD
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

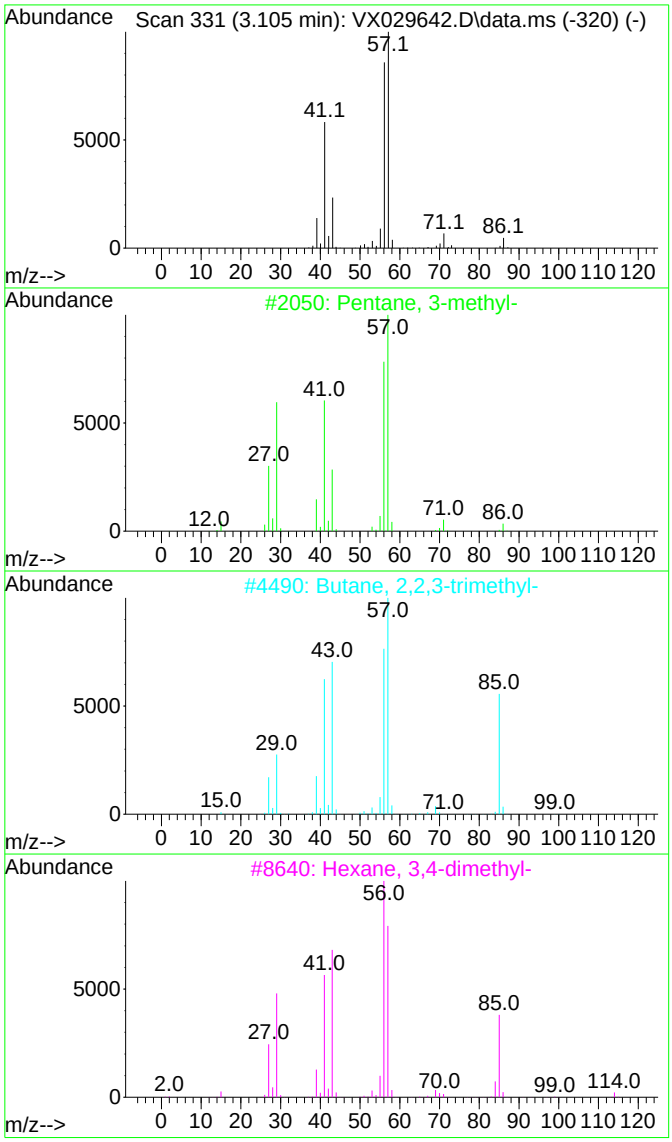
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

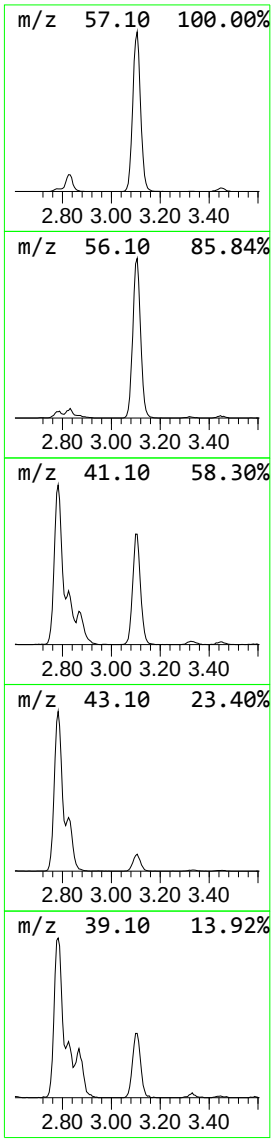
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	30.34 ug/l	497460	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

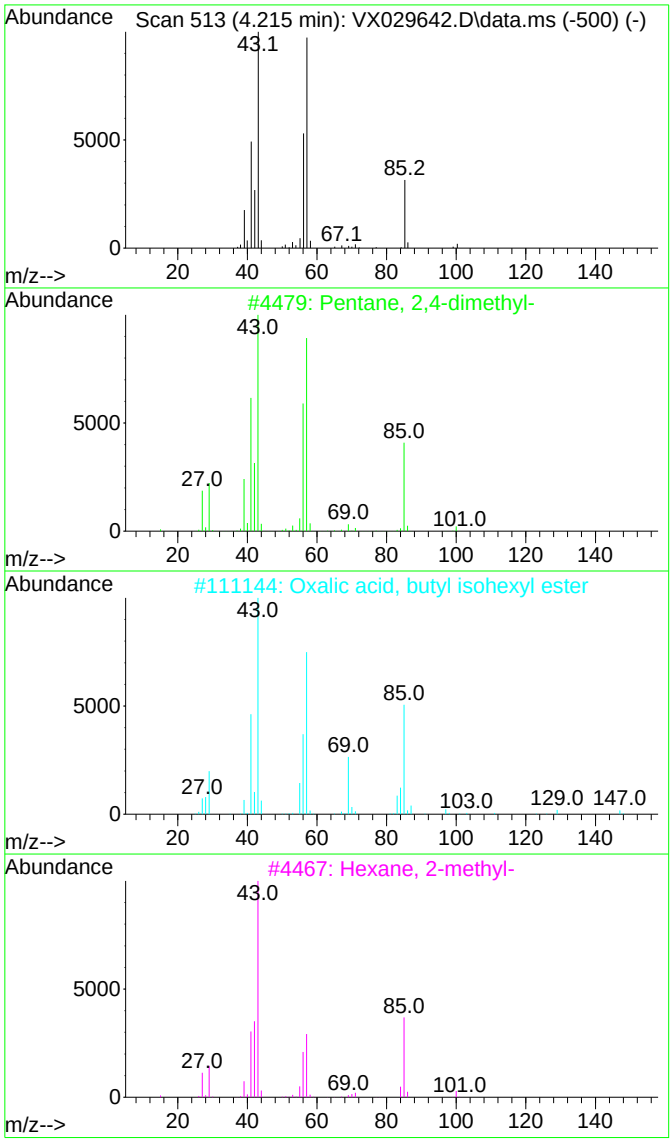
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

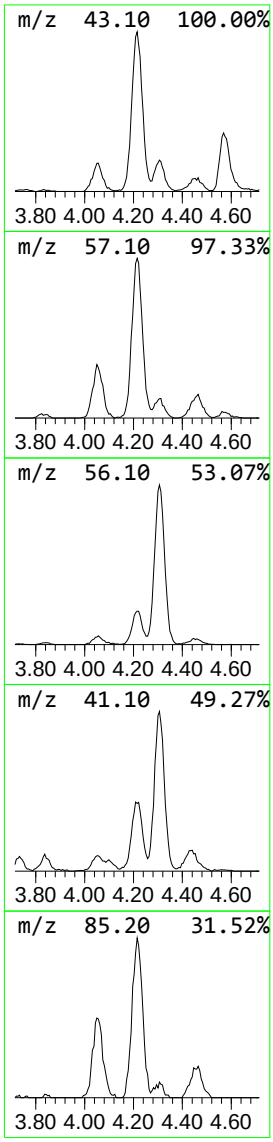
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.215	15.46 ug/l	253540	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	52
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

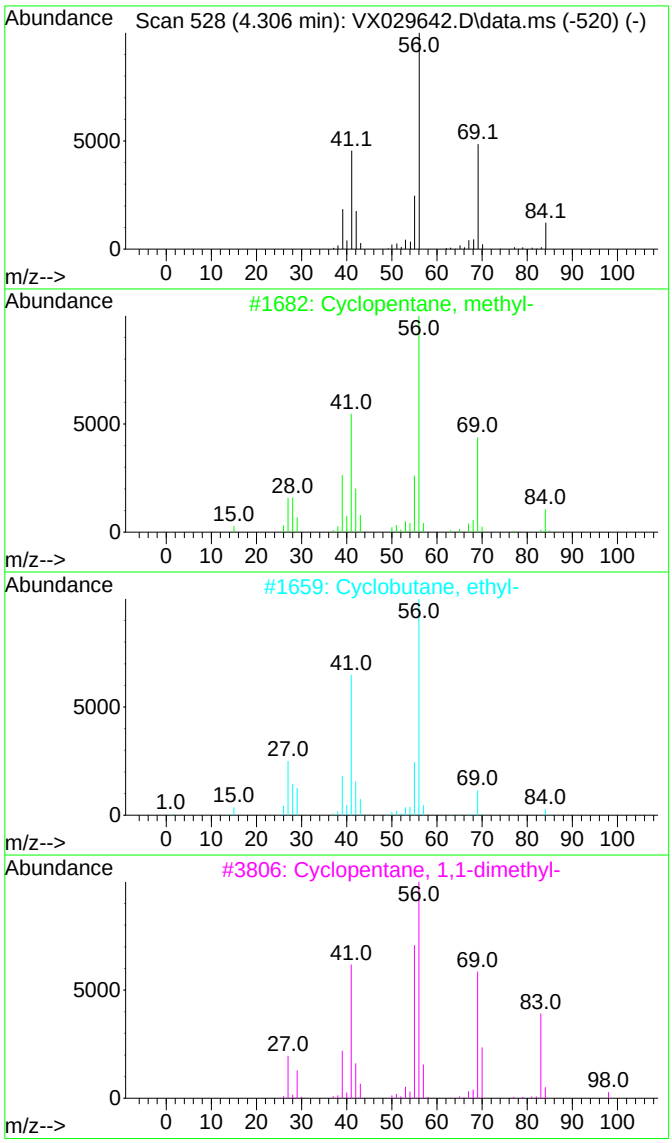
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

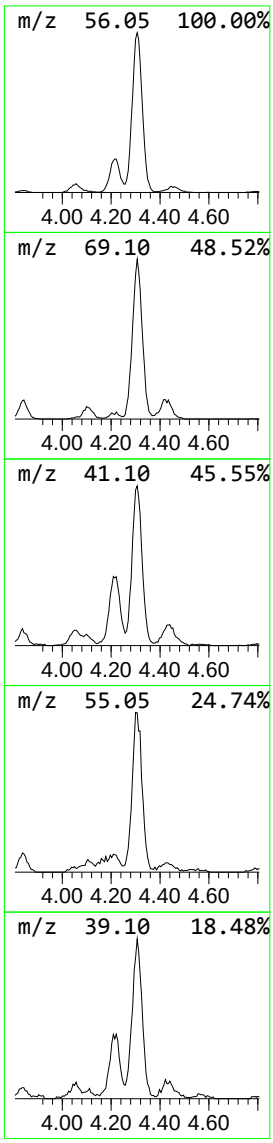
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	28.73 ug/l	470984	Pentafluorobenzene	5.556

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	64
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	1-Octene, 7-methyl-	126	C9H18	013151-06-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

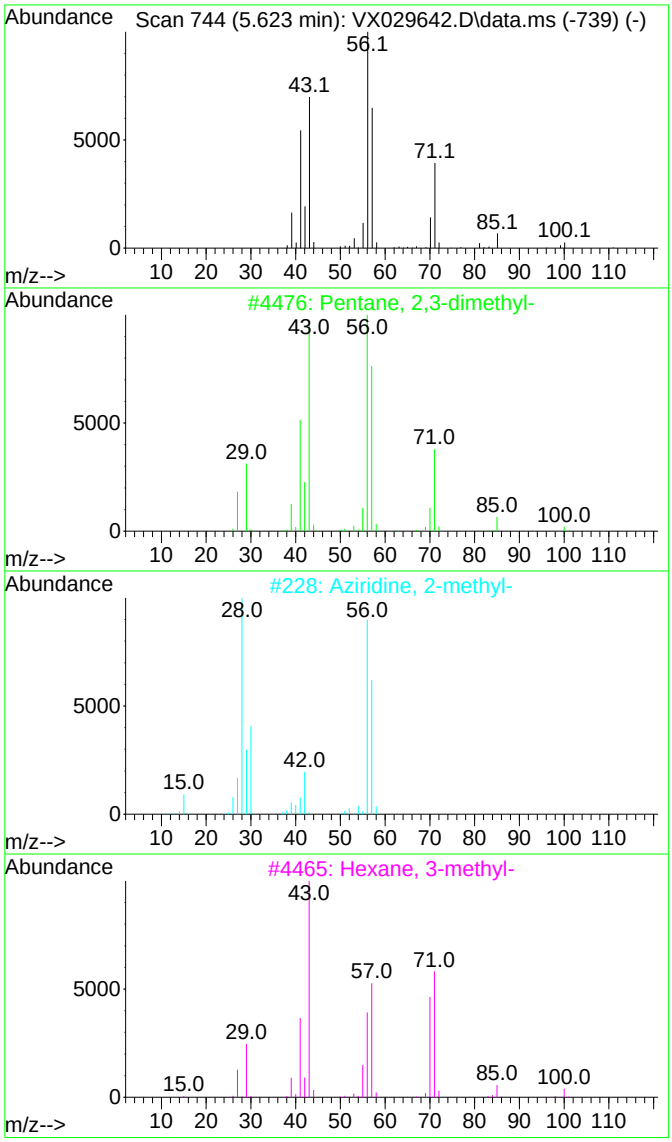
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

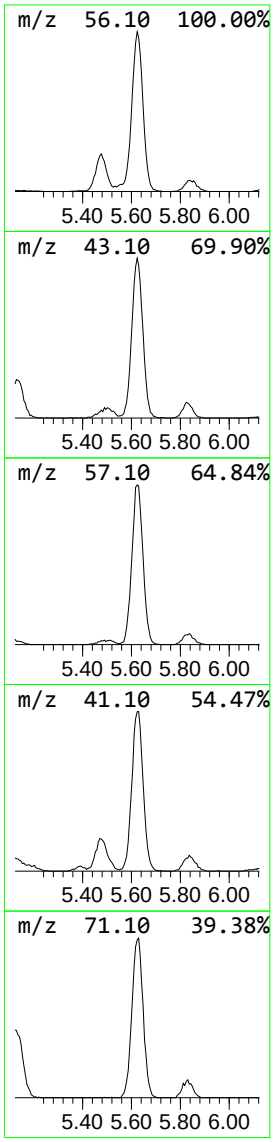
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.623	38.23 ug/l	626835	Pentafluorobenzene	5.556

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	Hexane, 3-methyl-	100	C7H16	000589-34-4	35
4	Heptane	100	C7H16	000142-82-5	32
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

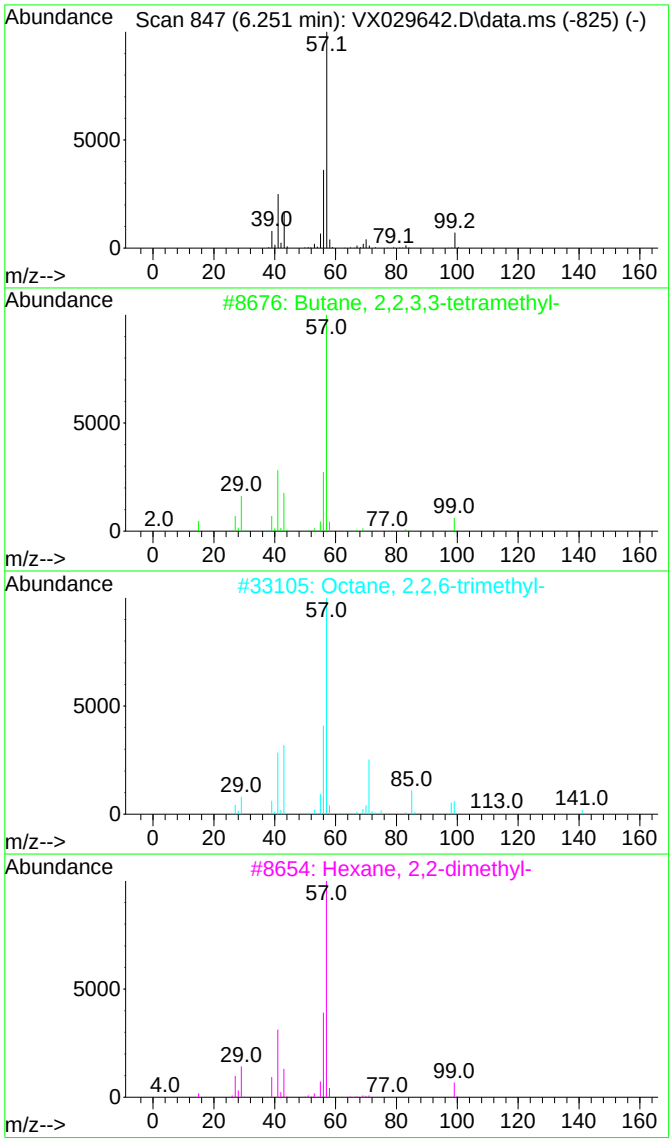
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

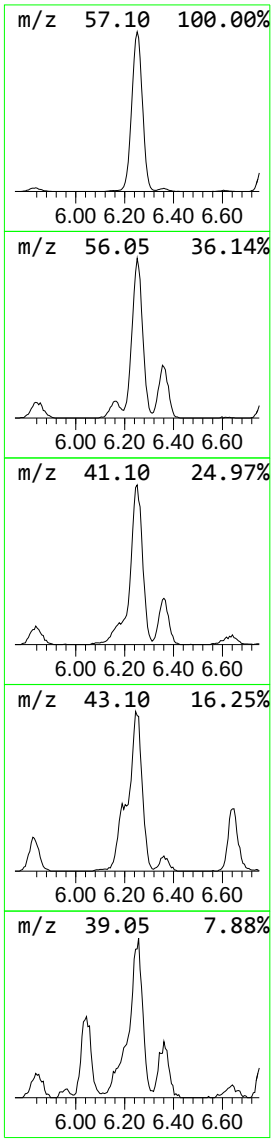
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	39.38 ug/l	791171	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59





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Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

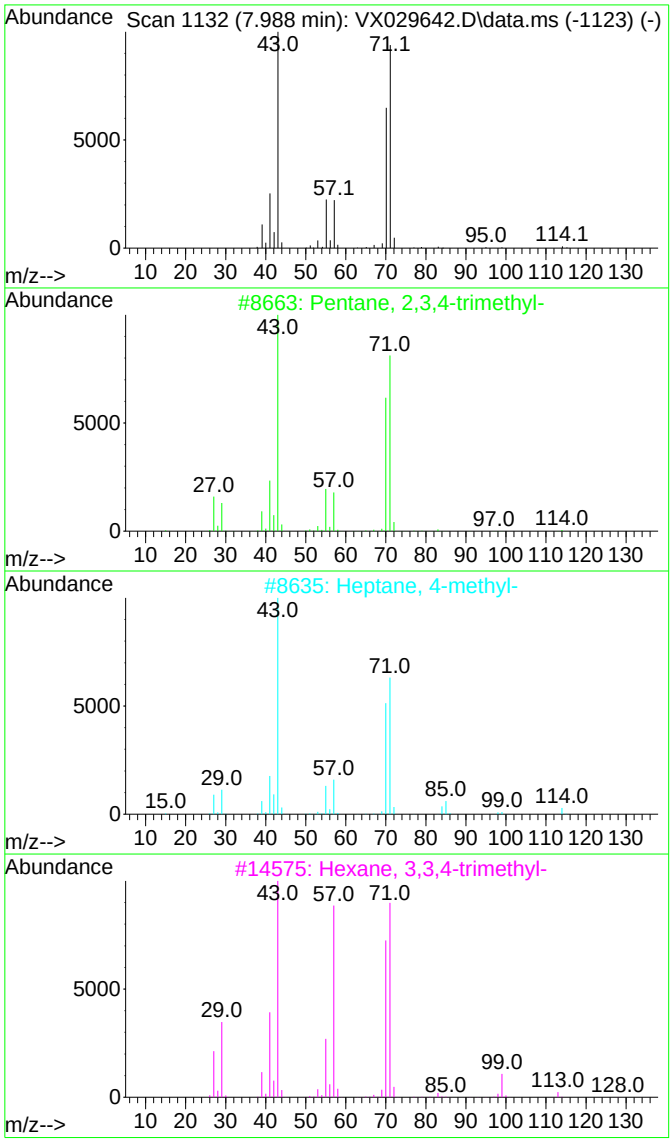
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

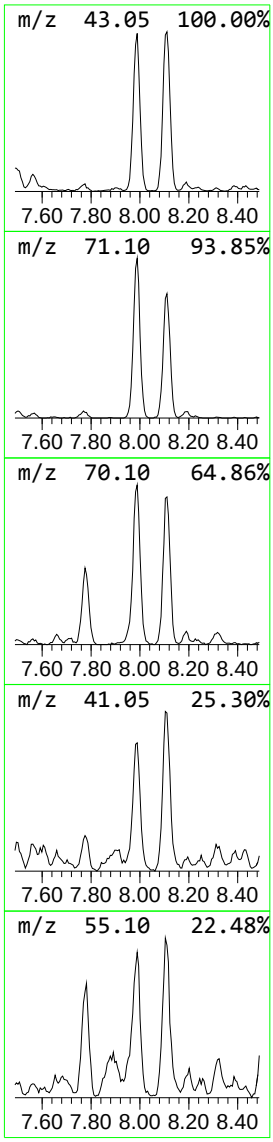
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.988	11.05 ug/l	222096	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	74
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74





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Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

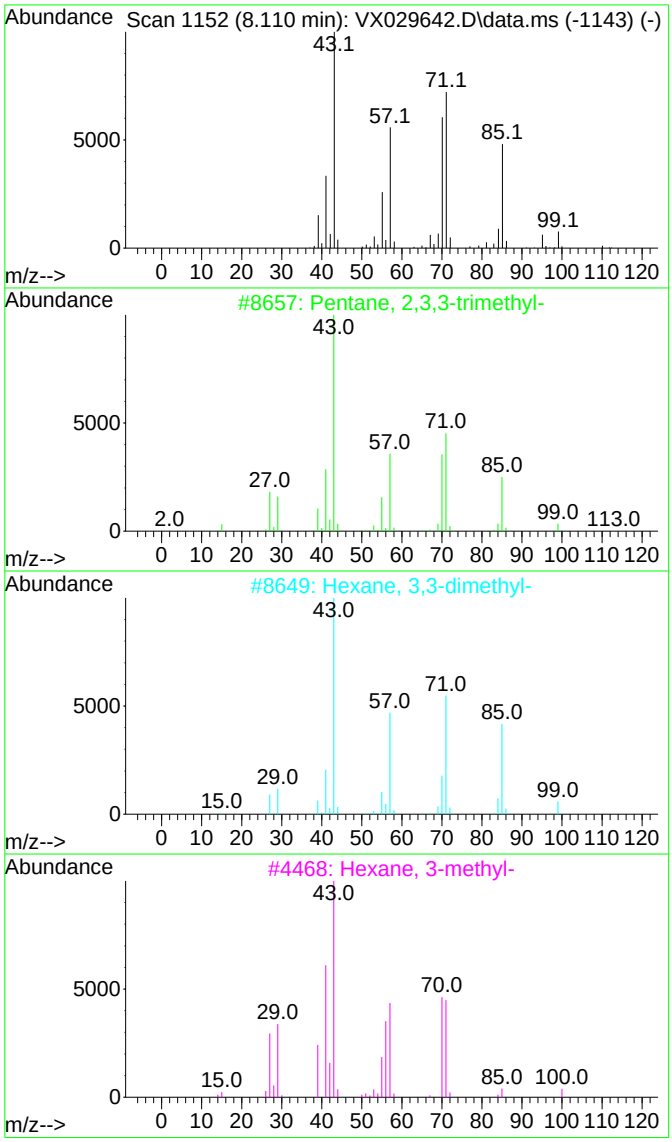
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

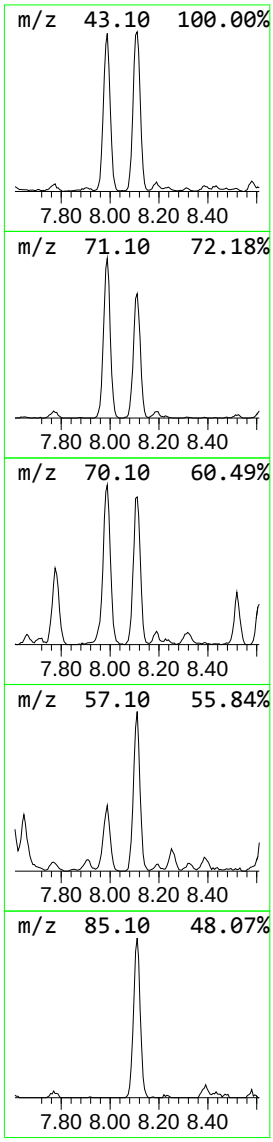
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 2,3,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	15.00 ug/l	301424	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

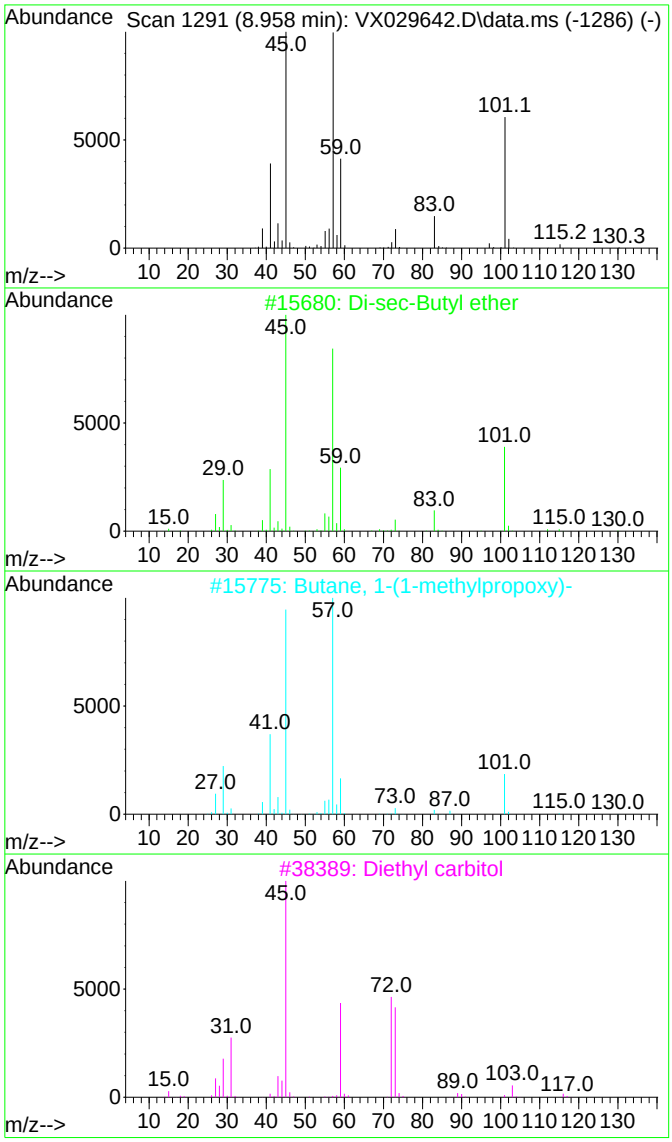
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

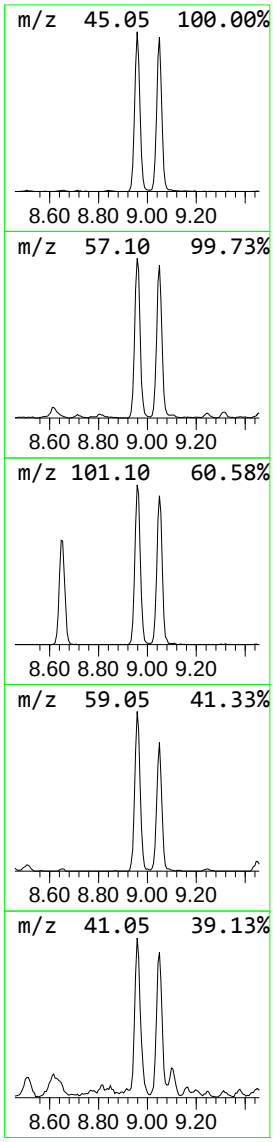
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Di-sec-Butyl ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.958	14.24 ug/l	313136	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
3	Diethyl carbitol	162	C8H18O3	000112-36-7	47
4	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	45
5	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

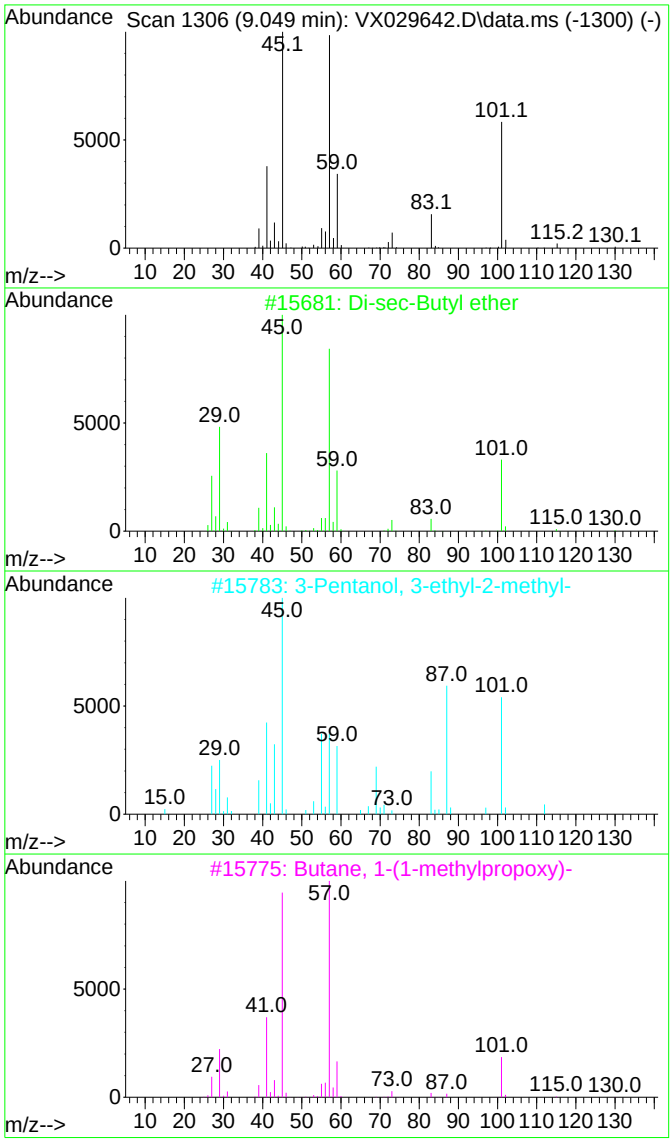
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

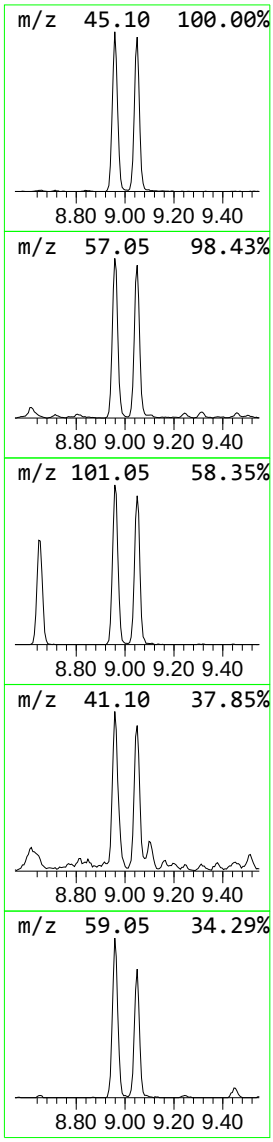
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3-Pentanol, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	12.12 ug/l	266485	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	72
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	45
5	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

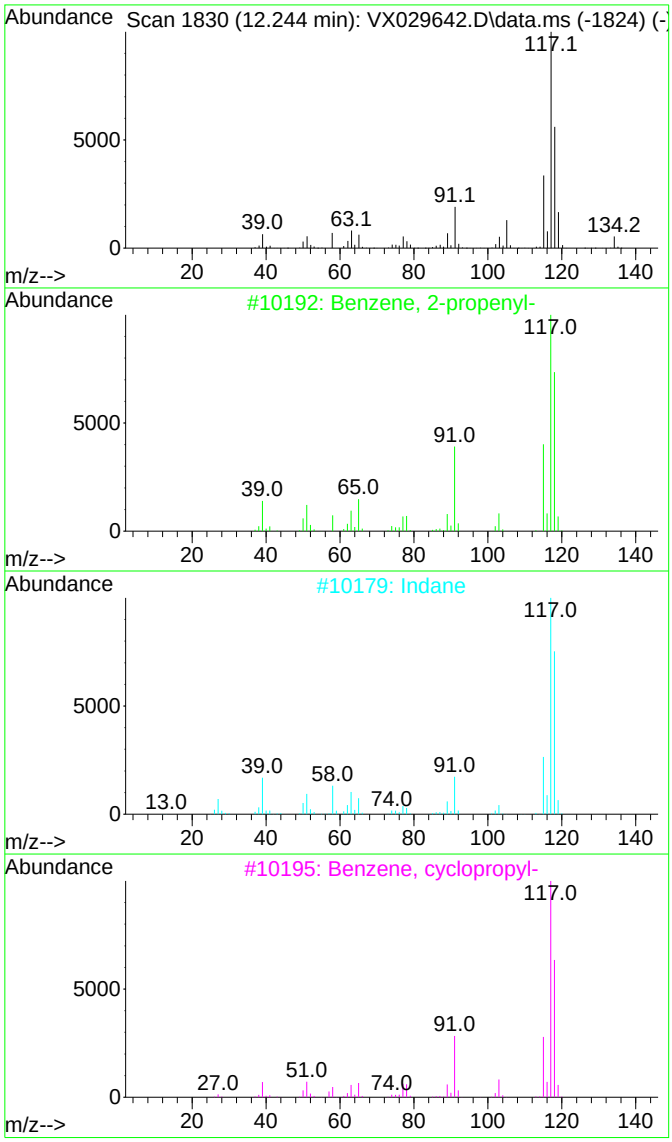
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

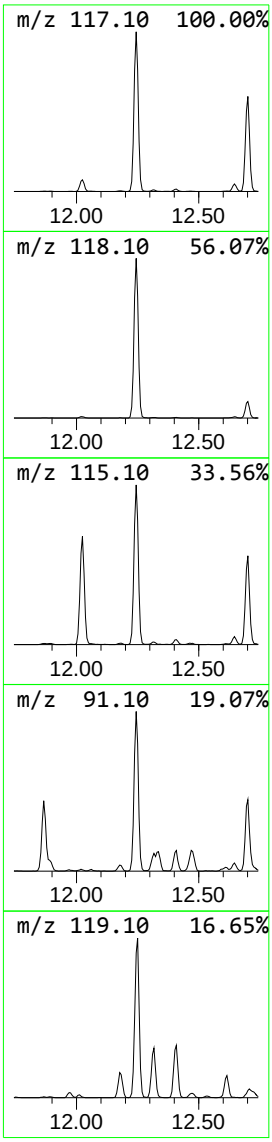
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	79.32 ug/l	1642990	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

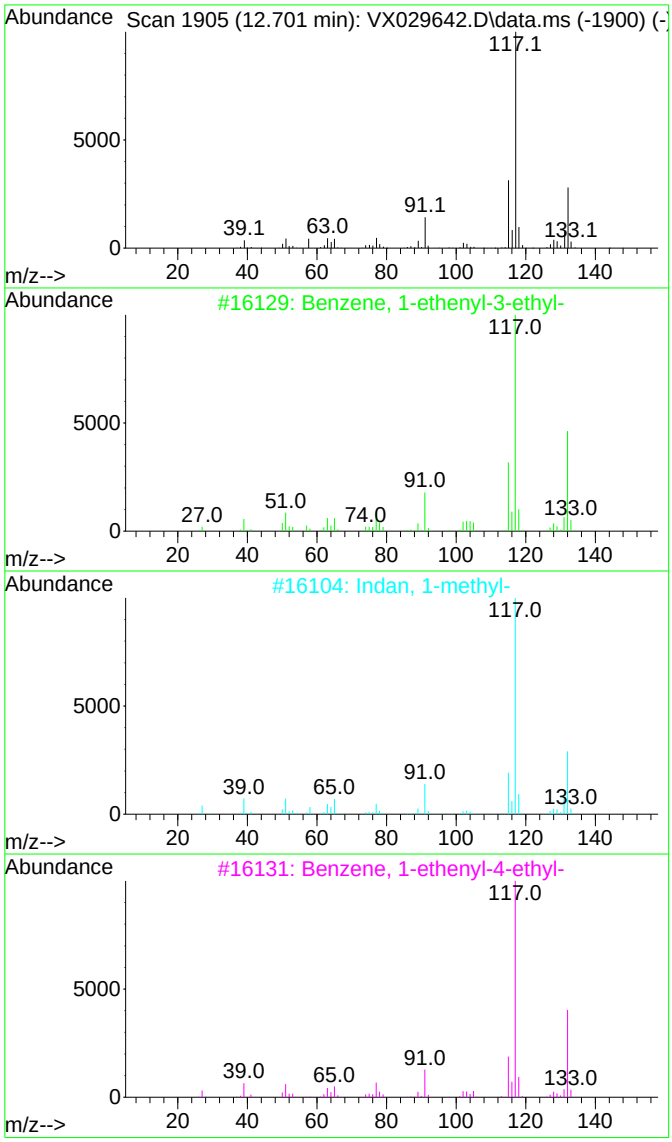
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

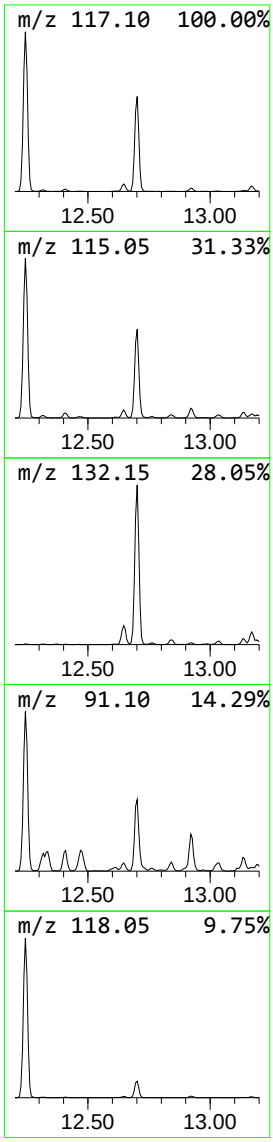
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	40.30 ug/l	834801	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

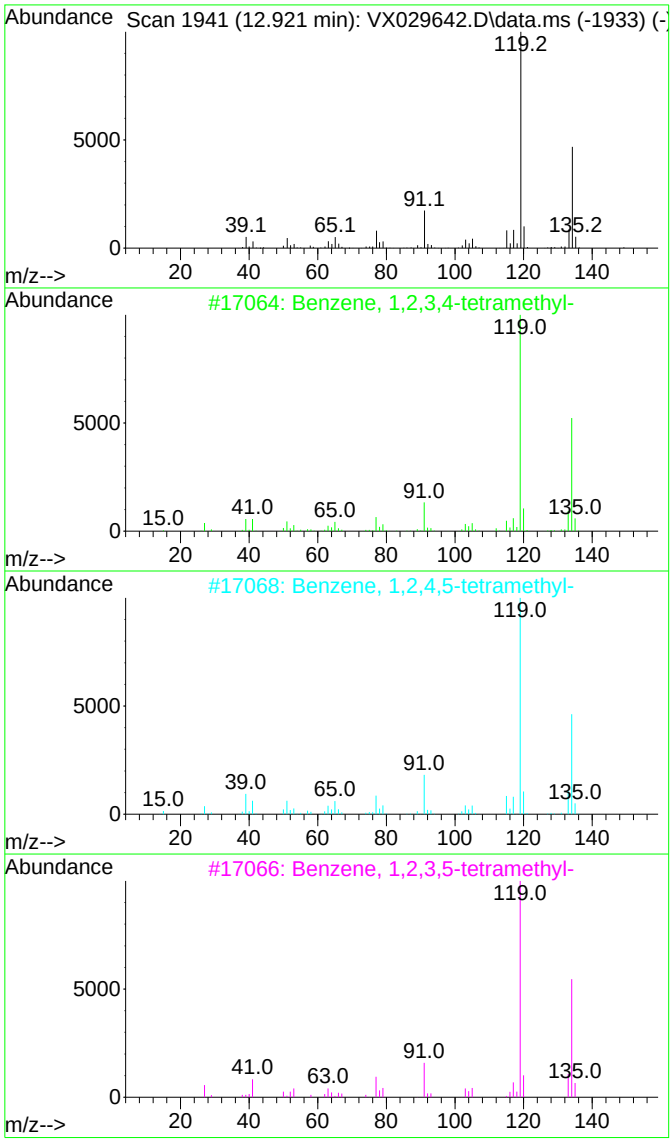
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

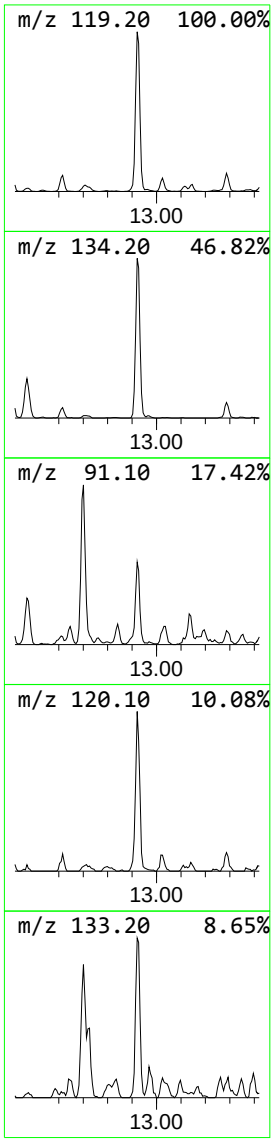
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	17.48 ug/l	362131	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
Data File : VX029642.D
Acq On : 21 Jun 2022 05:45
Operator : JC/MD
Sample : N3354-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.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-	1.752	107.6	ug/l	1764700	1	5.556	819809	50.0
Butane, 2,3-dim...	2.782	62.3	ug/l	1021420	1	5.556	819809	50.0
Pentane, 2-methyl-	2.825	15.9	ug/l	259917	1	5.556	819809	50.0
Pentane, 3-methyl-	3.105	30.3	ug/l	497460	1	5.556	819809	50.0
Pentane, 2,4-di...	4.215	15.5	ug/l	253540	1	5.556	819809	50.0
Cyclopentane, m...	4.306	28.7	ug/l	470984	1	5.556	819809	50.0
Pentane, 2,3-di...	5.623	38.2	ug/l	626835	1	5.556	819809	50.0
Butane, 2,2,3,3...	6.251	39.4	ug/l	791171	2	6.763	1004550	50.0
Pentane, 2,3,4-...	7.988	11.1	ug/l	222096	2	6.763	1004550	50.0
Pentane, 2,3,3-...	8.110	15.0	ug/l	301424	2	6.763	1004550	50.0
Di-sec-Butyl ether	8.958	14.2	ug/l	313136	3	10.055	1099520	50.0
3-Pentanol, 3-e...	9.049	12.1	ug/l	266485	3	10.055	1099520	50.0
Benzene, 2-prop...	12.244	79.3	ug/l	1642990	4	12.024	1035690	50.0
Benzene, 1-ethe...	12.701	40.3	ug/l	834801	4	12.024	1035690	50.0
Benzene, 1,2,3,...	12.921	17.5	ug/l	362131	4	12.024	1035690	50.0