LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

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_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	59	rBV	735837	1368098	94.05%	8.629%
2	2.336	88	101	103	rBV4	32509	98060	6.74%	0.619%
3	2.416	111	114	117	rBV3	11895	16861	1.16%	0.106%
4	2.531	129	133	138	rBV	30795	50293	3.46%	0.317%
5	3.001	206	210	219	rBV3	32473	80987	5.57%	0.511%
6	4.513	452	458	467	rBV6	46257	146849	10.10%	0.926%
7	6.372	753	763	779	rVB2	400046	1454655	100.00%	9.175%
8	7.402	924	932	940	rVB9	6260	18933	1.30%	0.119%
9	7.683	958	978	996	rBV3	263341	1210809	83.24%	7.637%
10	7.884	1005	1011	1027	rVB5	49697	167854	11.54%	1.059%
11	8.055	1030	1039	1052	rBV2	103511	327923	22.54%	2.068%
12	8.164	1053	1057	1058	rVV2	11897	16184	1.11%	0.102%
13	8.219	1058	1066	1076	rVB2	111043	320604	22.04%	2.022%
14	8.445	1096	1103	1115	rVB2	51661	119344	8.20%	0.753%
15	8.603	1120	1129	1141	rBV	241633	774968	53.28%	4.888%
16	9.091	1194	1209	1215	rBV3	76006	204683	14.07%	1.291%
17	9.152	1215	1219	1226	rVV2	20428	40873	2.81%	0.258%
18	9.231	1226	1232	1236	rVV2	8380	17065	1.17%	0.108%
19	9.372	1246	1255	1262	rVB5	10579	25761	1.77%	0.162%
20	9.530	1270	1281	1291	rBV	93780	216698	14.90%	1.367%
21	9.664	1291	1303	1310	rBV	135010	328247	22.57%	2.070%
22	9.737	1310	1315	1318	rBV2	21984	40638	2.79%	0.256%
23	9.872	1329	1337	1351	rVB3	27919	86774	5.97%	0.547%
24	10.030	1357	1363	1368	rBV	24205	42660	2.93%	0.269%
25	10.103	1368	1375	1381	rBV	432914	1039861	71.49%	6.559%
26	10.170	1381	1386	1399	rVV	266979	886381	60.93%	5.591%
27	10.292	1402	1406	1413	rVB2	60707	114970	7.90%	0.725%
28	10.438	1425	1430	1436	rBV2	18010	28575	1.96%	0.180%
29	10.536	1436	1446	1457	rVB5	31823	125382	8.62%	0.791%
30	10.640	1457	1463	1468	rBV4	24593	41776	2.87%	0.264%
31	10.841	1490	1496	1501	rBV5	8407	25427	1.75%	0.160%
32	10.963	1512	1516	1520	rVV2	22614	46971	3.23%	0.296%
33	11.012	1520	1524	1529	rVV2	28006	59058	4.06%	0.373%
34	11.066	1530	1533	1538	rVV5	10648	22513	1.55%	0.142%
35	11.133	1539	1544	1547	rVV6	12832	28200	1.94%	0.178%
36	11.201	1547	1555	1560	rVV5	39953	114480	7.87%	0.722%

LSC Area Percent Report

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Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

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_Y\methods\82Y030425S.M
Title : SW846 8260

37	11.243	1560	1562	1568	rVV3	28445	48141	3.31%	0.304%
38	11.310	1568	1573	1584	rVB	14445	31677	2.18%	0.200%
39	11.420	1584	1591	1603	rBV	313067	1145441	78.74%	7.225%
40	11.524	1603	1608	1618	rVV2	54933	195823	13.46%	1.235%
41	11.639	1618	1627	1644	rVB	246946	753247	51.78%	4.751%
42	11.963	1668	1680	1690	rBV	112861	339634	23.35%	2.142%
43	12.048	1690	1694	1699	rVB3	8898	16645	1.14%	0.105%
44	12.133	1702	1708	1710	rBV6	10667	21363	1.47%	0.135%
45	12.267	1723	1730	1737	rBV2	51609	114865	7.90%	0.725%
46	12.420	1747	1755	1764	rVB2	400785	837997	57.61%	5.286%
47	12.566	1774	1779	1782	rBV6	12070	24131	1.66%	0.152%
48	12.670	1790	1796	1799	rBV	73472	143804	9.89%	0.907%
49	12.737	1803	1807	1815	rVV3	89495	186666	12.83%	1.177%
50	12.822	1815	1821	1827	rVB	63309	120292	8.27%	0.759%
51	12.901	1827	1834	1841	rBV	29170	66957	4.60%	0.422%
52	12.969	1841	1845	1846	rBV3	13840	15369	1.06%	0.097%
53	12.993	1846	1849	1853	rVB	22462	33995	2.34%	0.214%
54	13.054	1853	1859	1864	rBV	78178	131688	9.05%	0.831%
55	13.103	1864	1867	1873	rVB4	22438	35437	2.44%	0.224%
56	13.212	1877	1885	1889	rBV2	45062	93695	6.44%	0.591%
57	13.353	1894	1908	1913	rBV	415056	751753	51.68%	4.742%
58	13.401	1913	1916	1928	rVB2	101506	224525	15.43%	1.416%
59	13.554	1932	1941	1946	rBV2	45064	129471	8.90%	0.817%
60	13.676	1957	1961	1965	rBV2	47647	67186	4.62%	0.424%
61	13.755	1970	1974	1978	rVB3	16478	24888	1.71%	0.157%
62	13.810	1979	1983	1986	rVV4	11898	21311	1.47%	0.134%
63	13.840	1986	1988	1992	rVV3	16763	18048	1.24%	0.114%
64	13.895	1992	1997	2002	rVB2	40314	62565	4.30%	0.395%
65	14.005	2010	2015	2019	rBV4	15723	23862	1.64%	0.151%
66	14.066	2019	2025	2031	rBV4	9464	24935	1.71%	0.157%
67	14.133	2031	2036	2039	rBV7	9142	17498	1.20%	0.110%
68	14.212	2040	2049	2054	rBV7	14550	44556	3.06%	0.281%
69	14.310	2060	2065	2068	rBV2	30492	47827	3.29%	0.302%
70	14.346	2068	2071	2074	rVV3	20646	30383	2.09%	0.192%
71	14.383	2075	2077	2083	rVV5	10028	15866	1.09%	0.100%
72	14.535	2098	2102	2107	rVB2	37536	52096	3.58%	0.329%
73	14.596	2107	2112	2118	rBV6	20214	50776	3.49%	0.320%
74	14.651	2118	2121	2128	rVB3	20629	36154	2.49%	0.228%
75	14.865	2152	2156	2160	rBV4	11710	15576	1.07%	0.098%
76	15.127	2194	2199	2205	rBV7	11162	27560	1.89%	0.174%

LSC Area Percent Report

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Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

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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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

77	15.230	2212	2216	2231	rVB4	22296	56792	3.90%	0.358%
78	15.346	2231	2235	2241	rVB6	11245	18544	1.27%	0.117%
79	15.681	2285	2290	2297	rVB9	14639	25801	1.77%	0.163%

Sum of corrected areas: 15854255

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
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Operator : SY/MD
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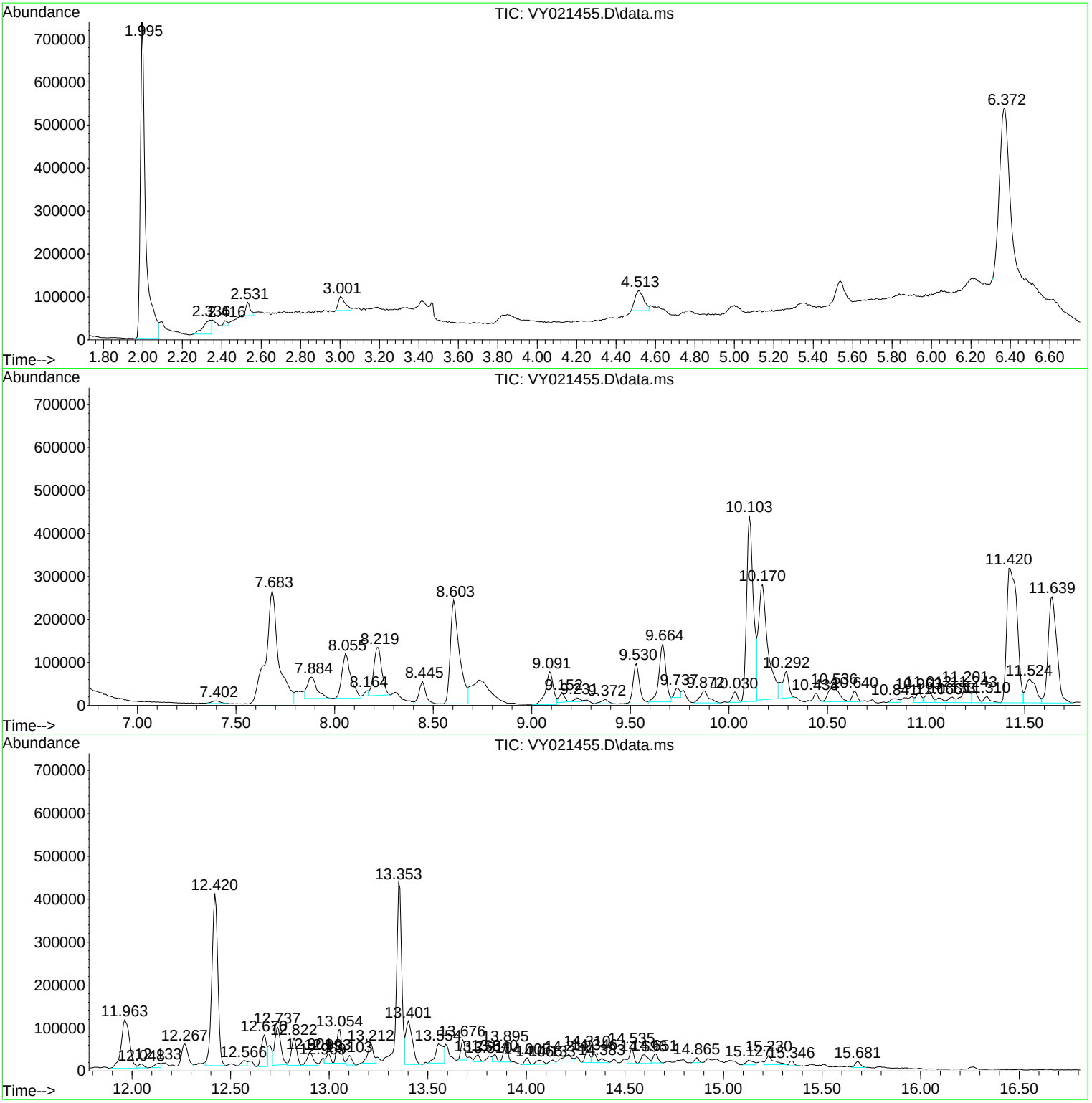
Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

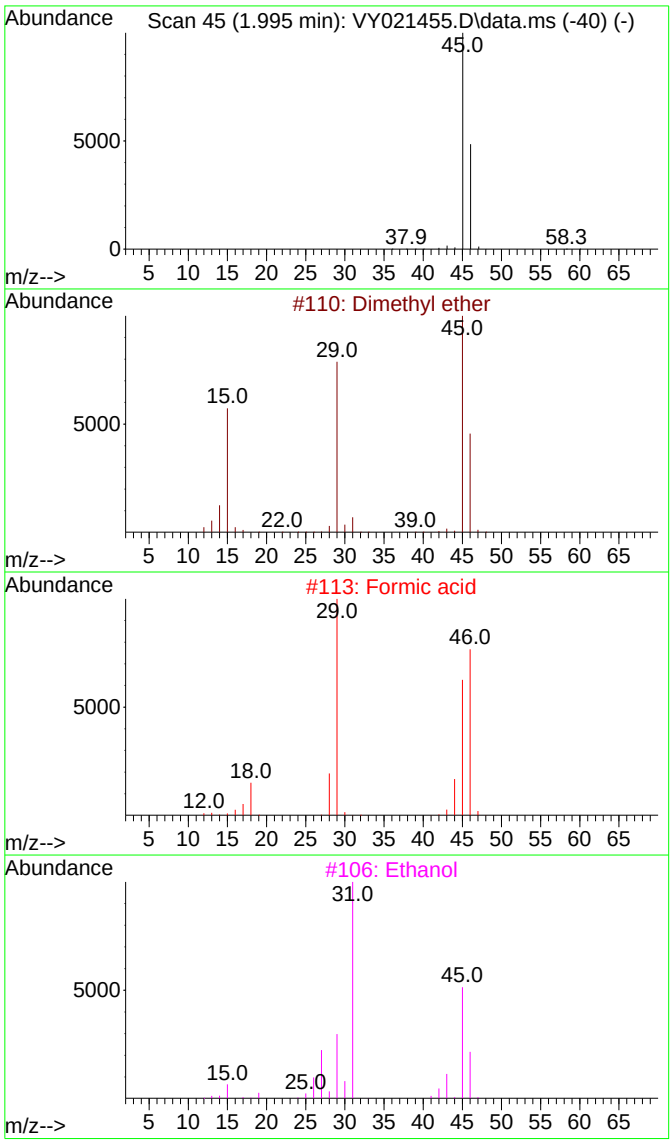
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

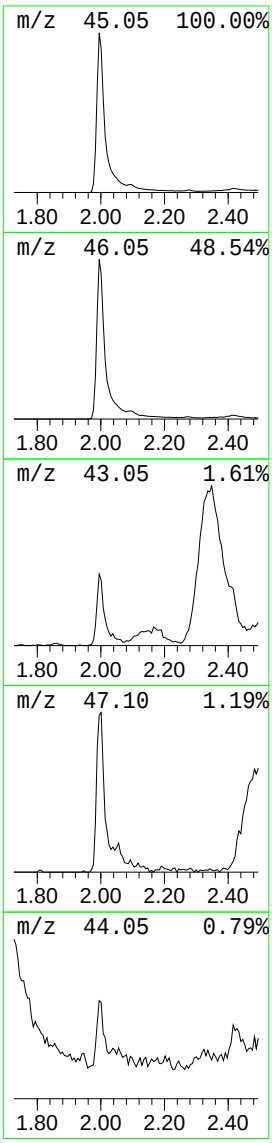
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	56.50 ug/l	1368100	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

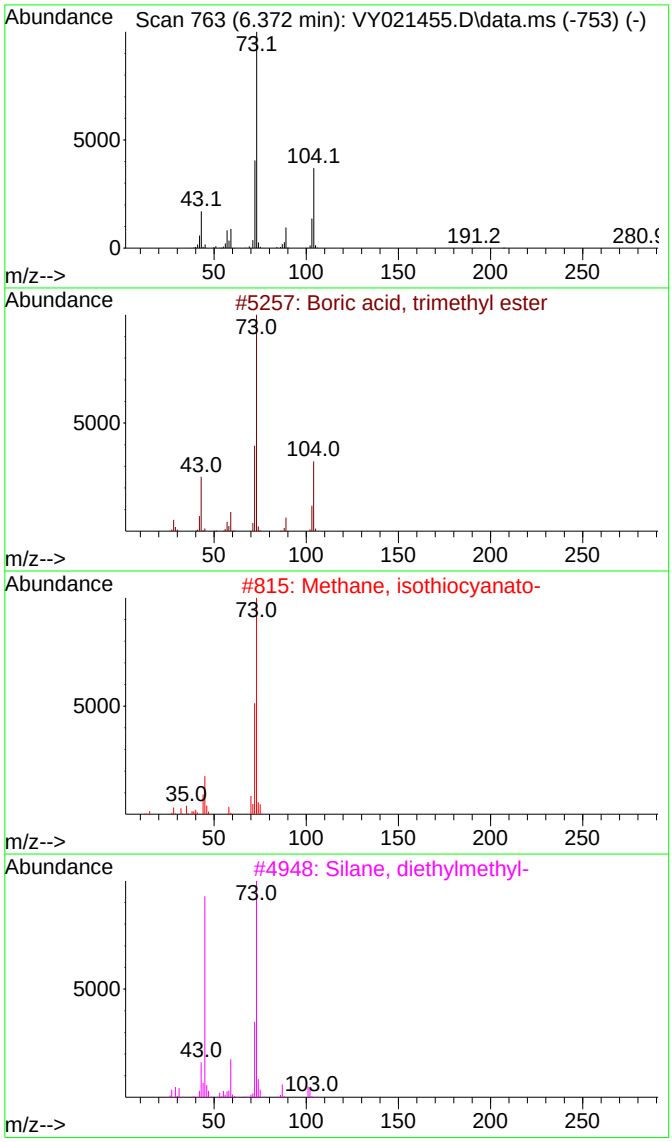
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

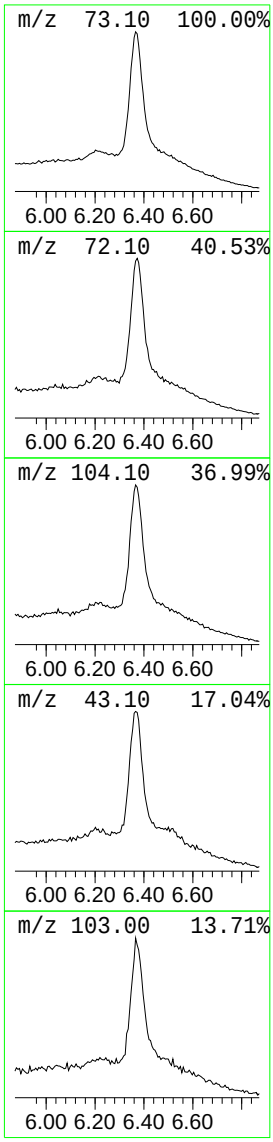
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Boric acid, trimethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.372	60.07 ug/l	1454660	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	91
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	7
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	7
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

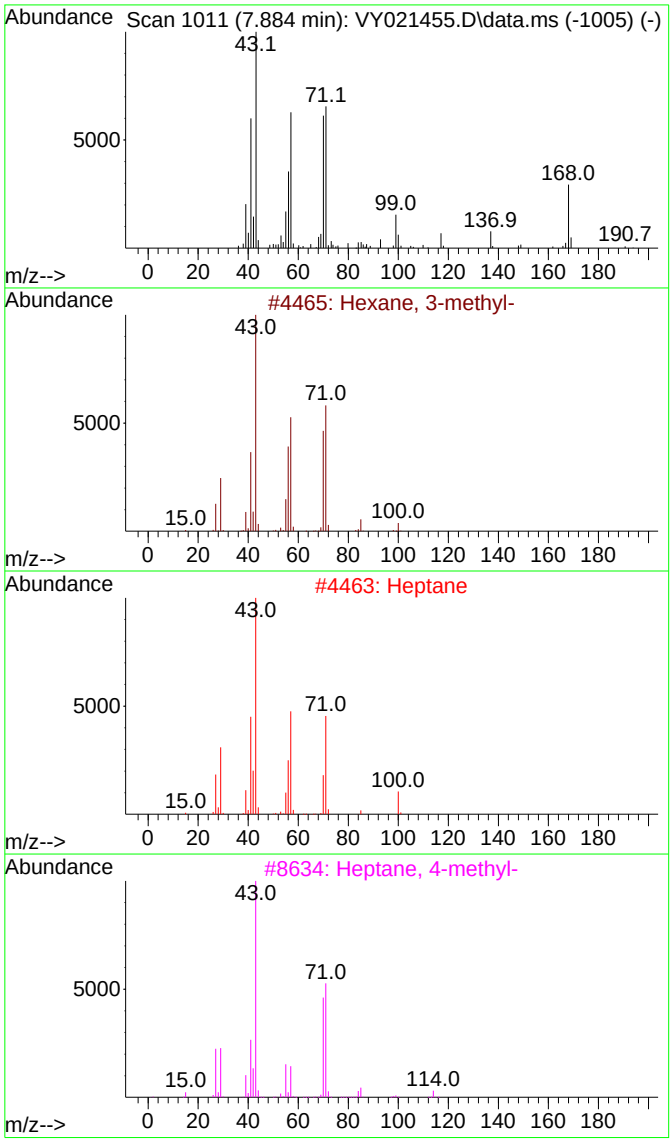
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

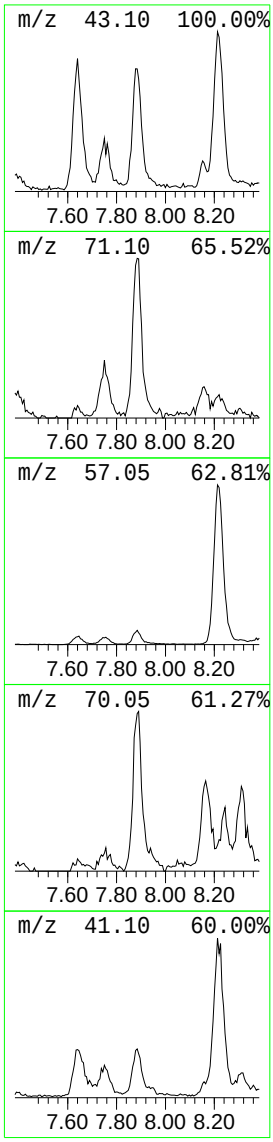
****

Peak Number 4 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.884	6.93 ug/l	167854	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
2	Heptane	100	C7H16	000142-82-5	46
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	43
4	Carbonic acid, isobutyl 2-methyl...	188	C10H20O3	1000331-39-8	40
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38





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Instrument :
MSVOA_Y
ClientSampleId :
T3

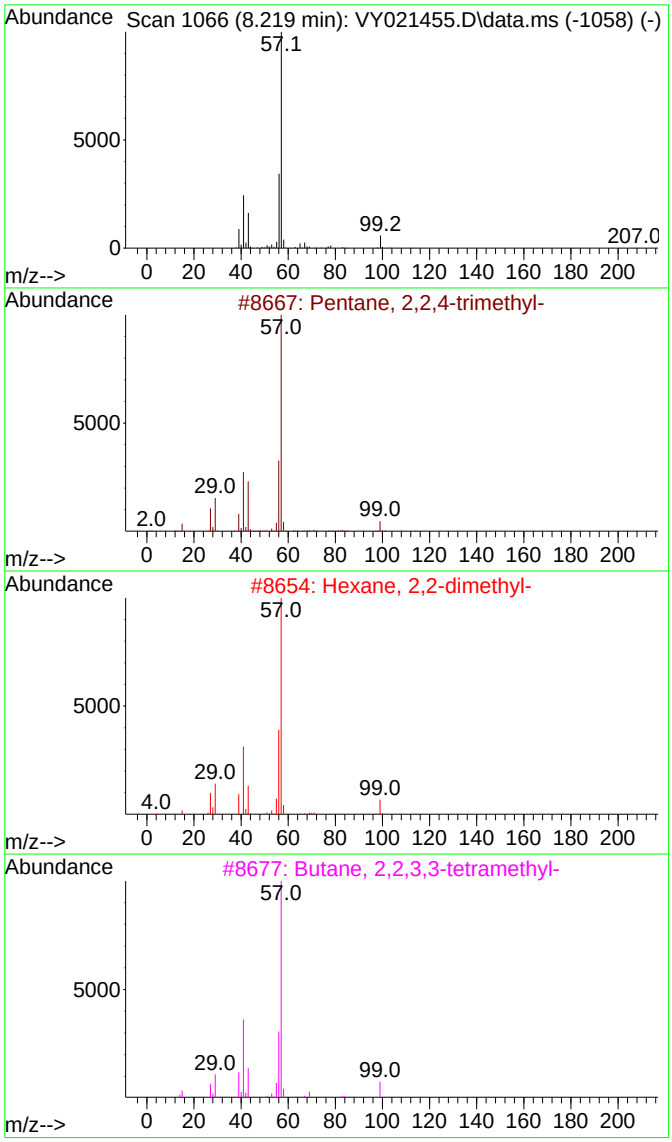
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

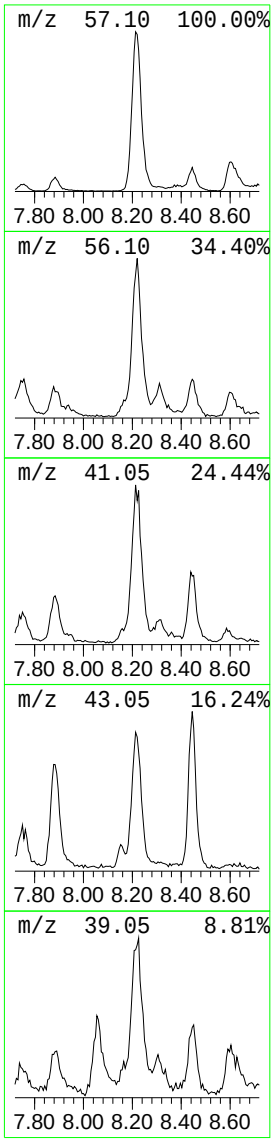
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	20.68 ug/l	320604	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38





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Operator : SY/MD
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Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

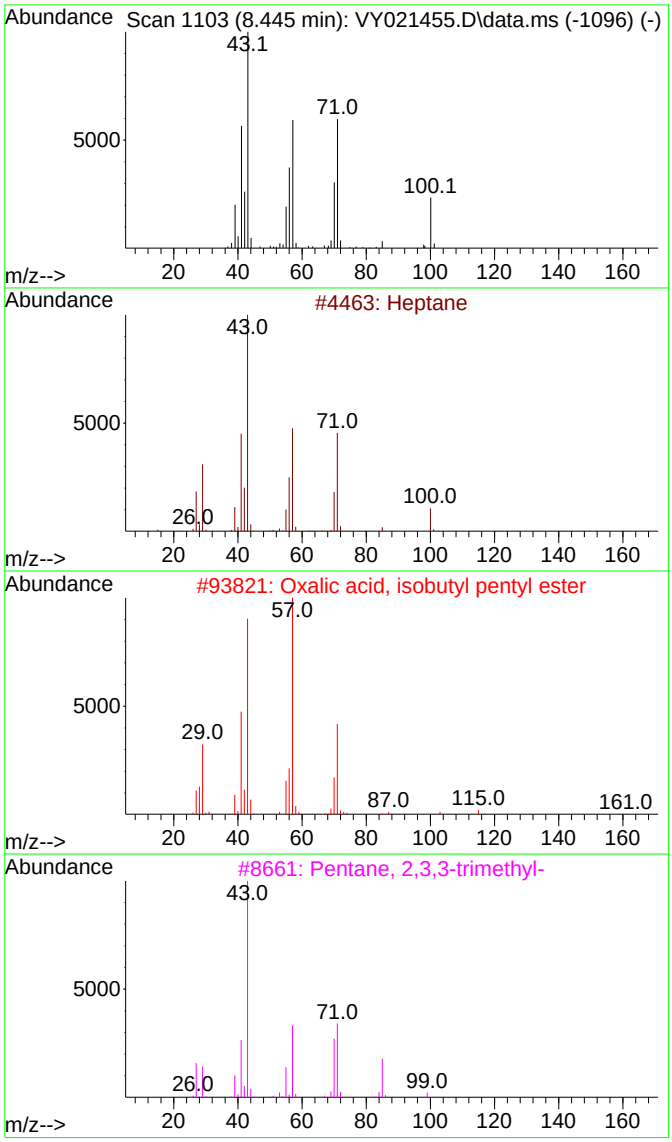
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

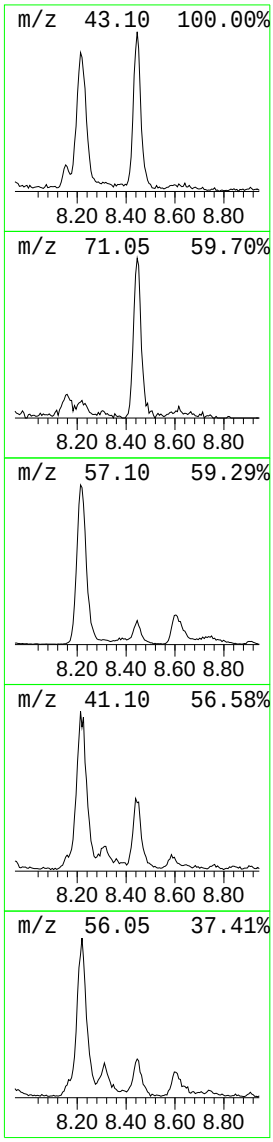
****

Peak Number 6 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	7.70 ug/l	119344	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	47
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

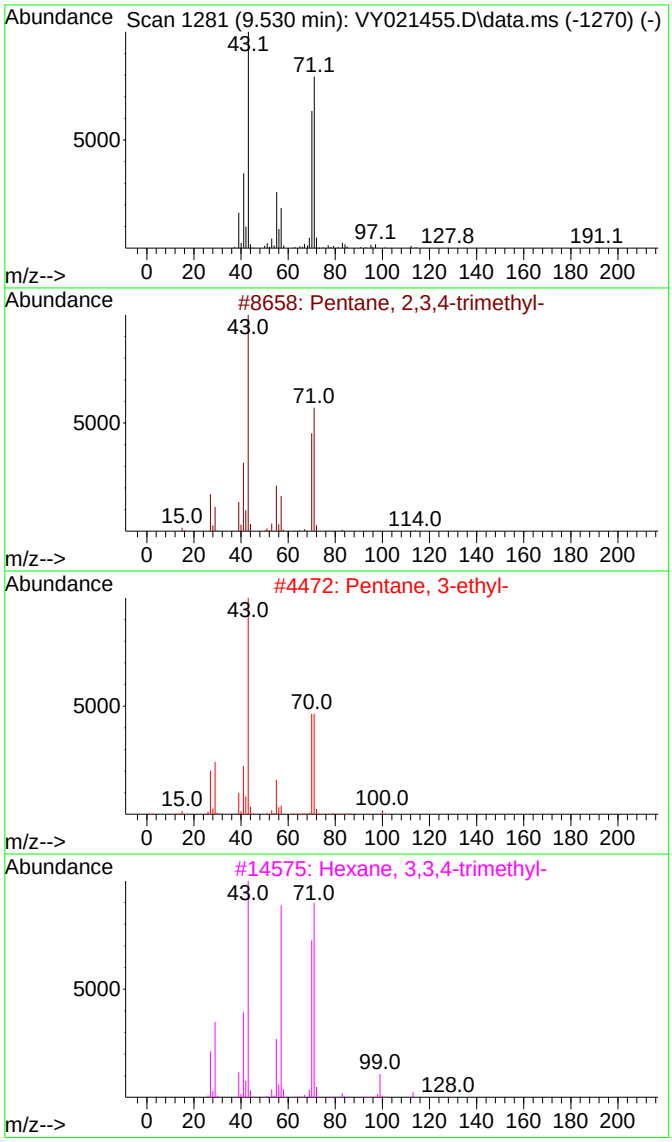
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

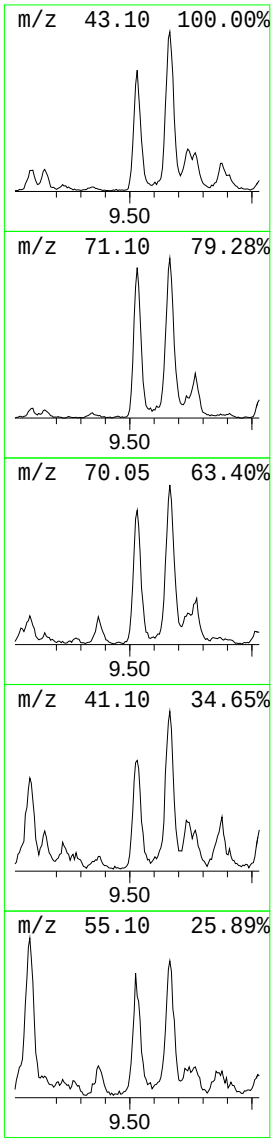
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	13.98 ug/l	216698	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
4	Diisoamyl ether	158	C10H22O	000544-01-4	64
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

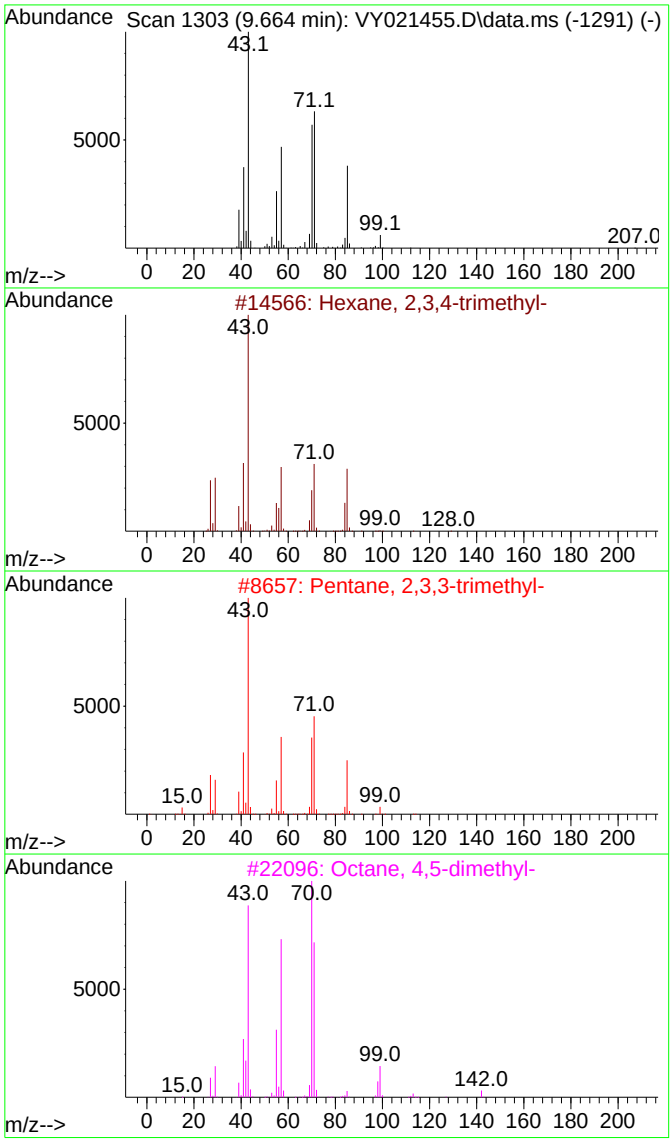
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

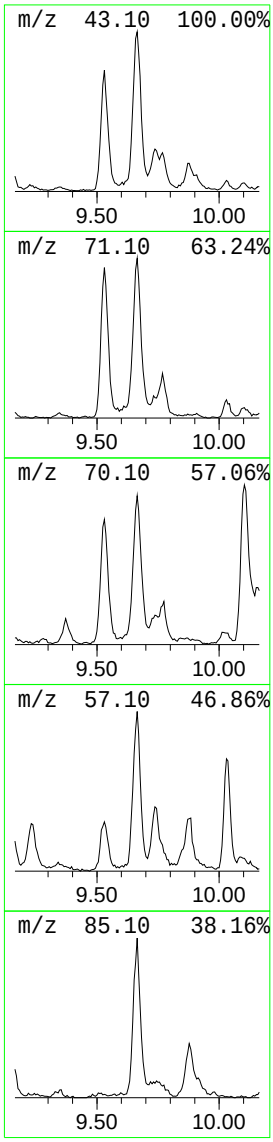
****

Peak Number 8 Hexane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.664	21.18 ug/l	328247	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50
4	Diisoamyl ether	158	C10H22O	000544-01-4	47
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47





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Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

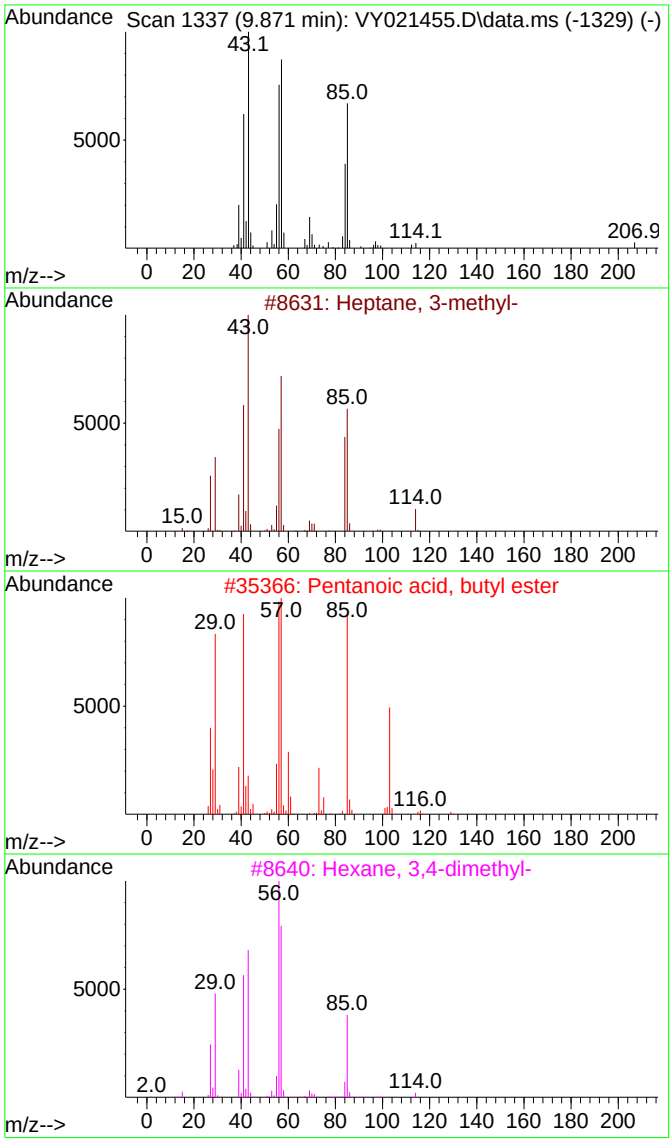
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

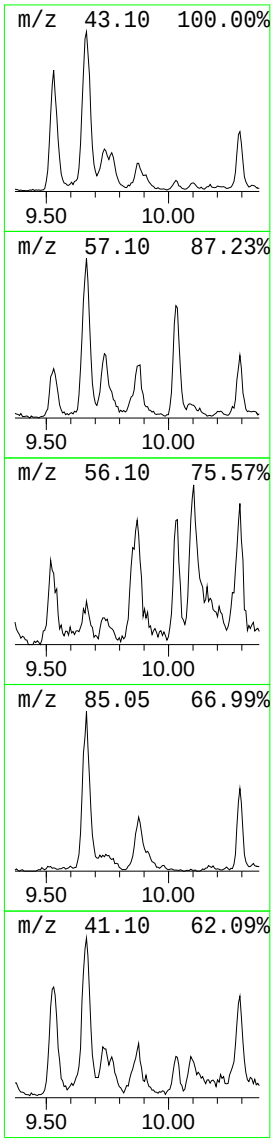
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.871	5.60 ug/l	86774	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	50
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50
4	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	50
5	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	50





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Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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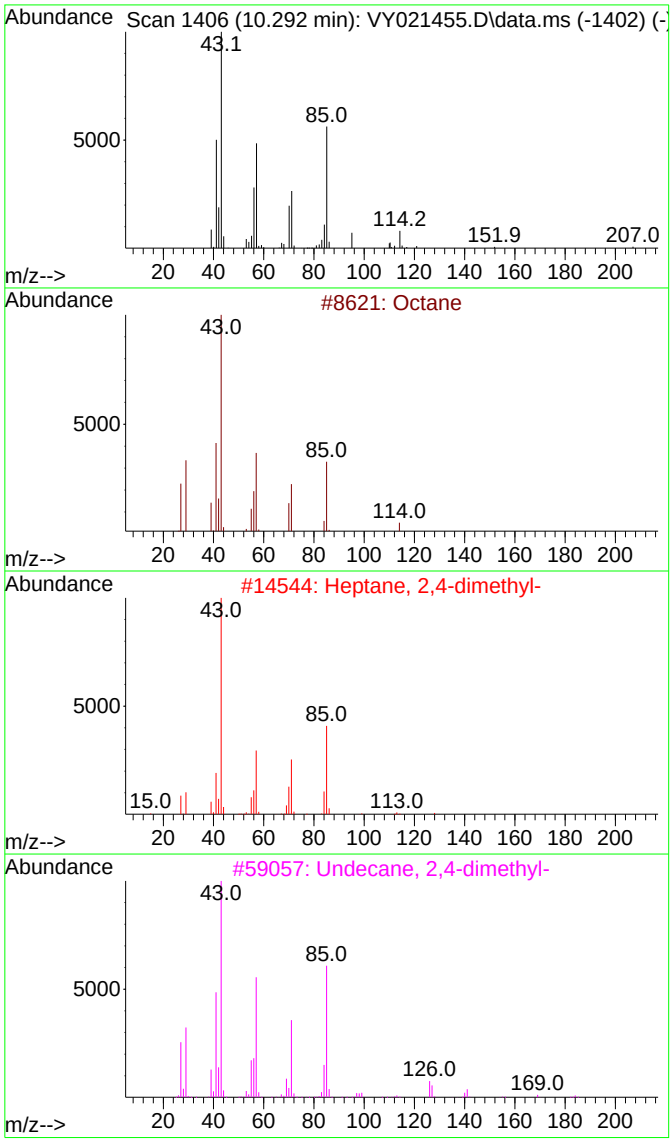
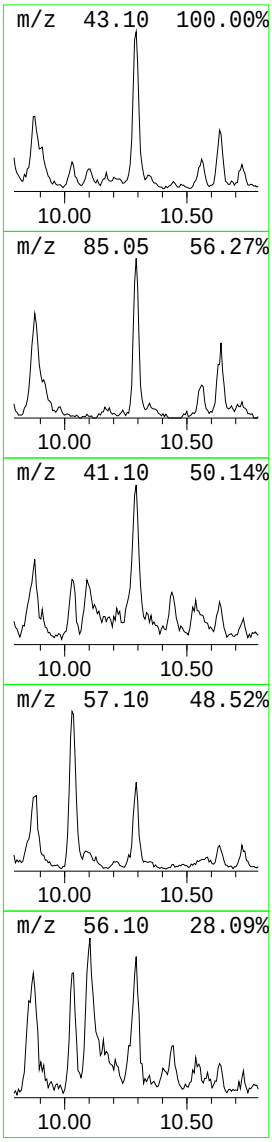
Peak Number 10 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	5.02 ug/l	114970	Chlorobenzene-d5	11.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	81
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	53
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

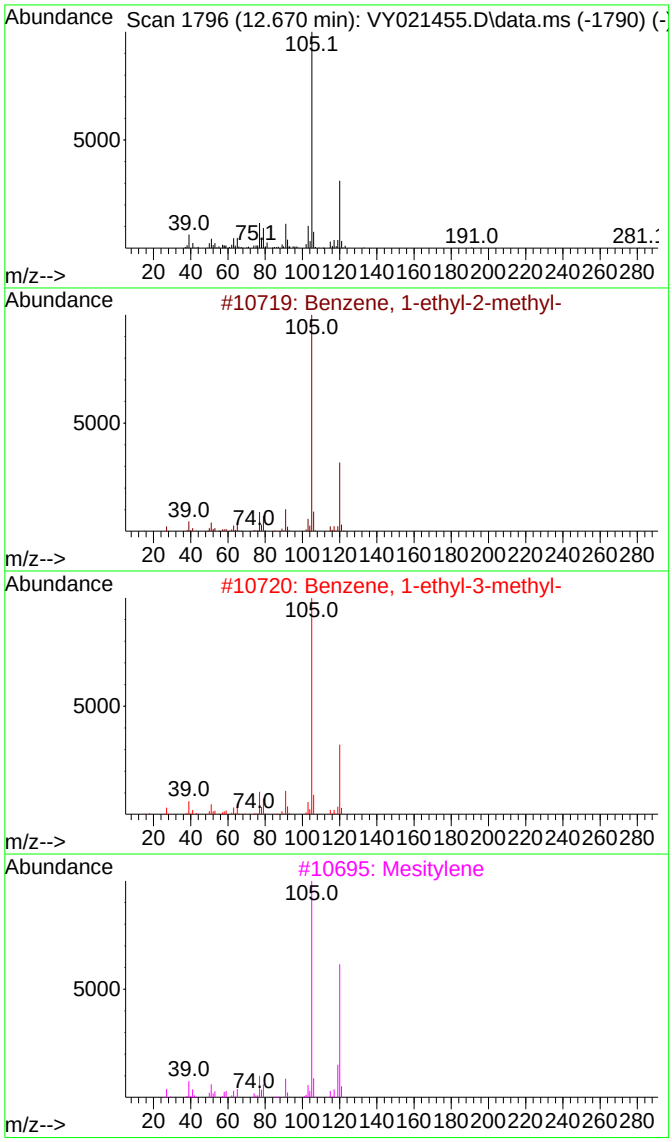
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

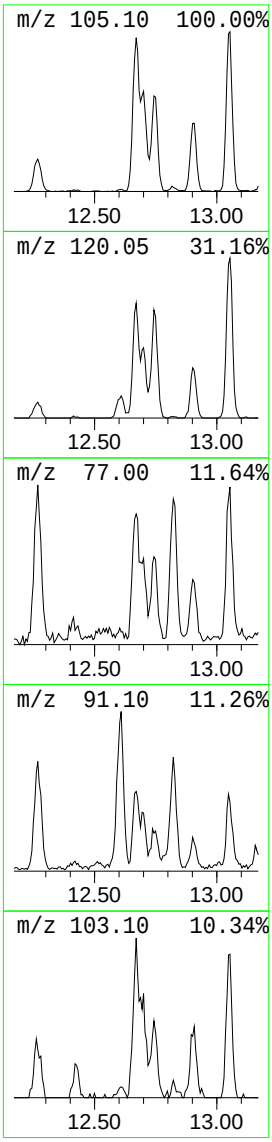
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	9.56 ug/l	143804	1,4-Dichlorobenzene-d4	13.359

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-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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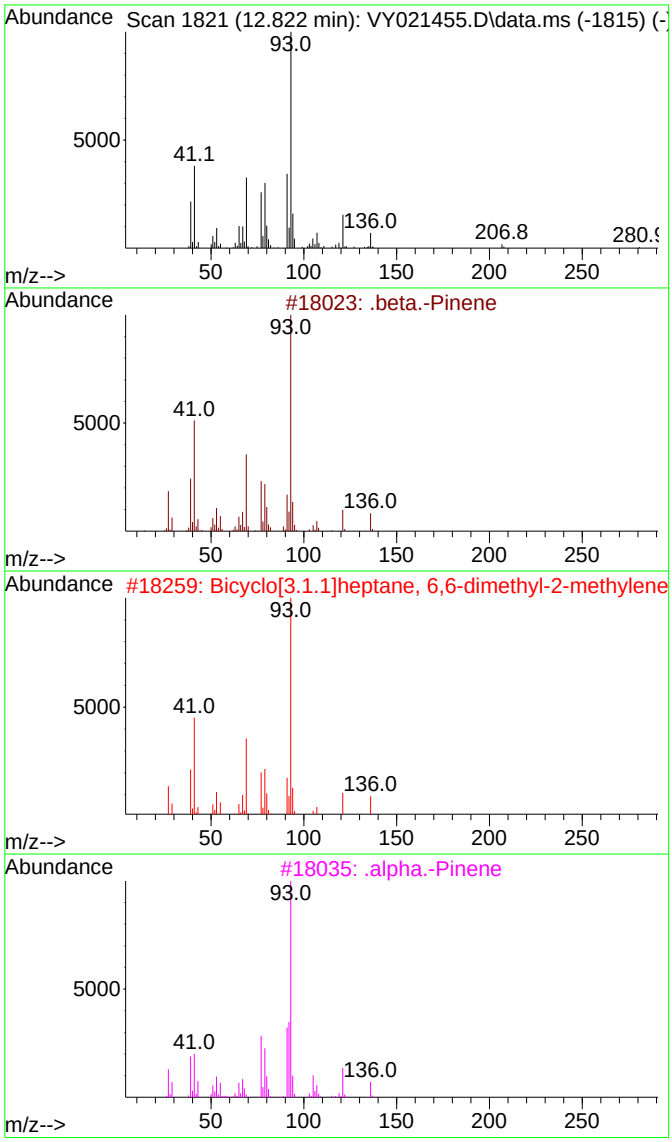
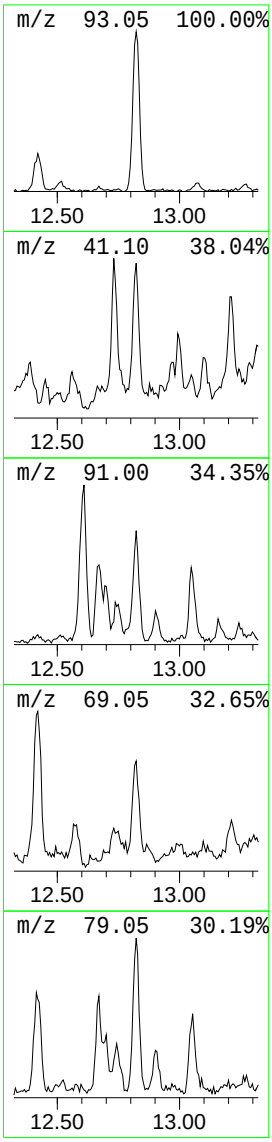
Peak Number 13 .beta.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	8.00 ug/l	120292	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	94
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	86
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

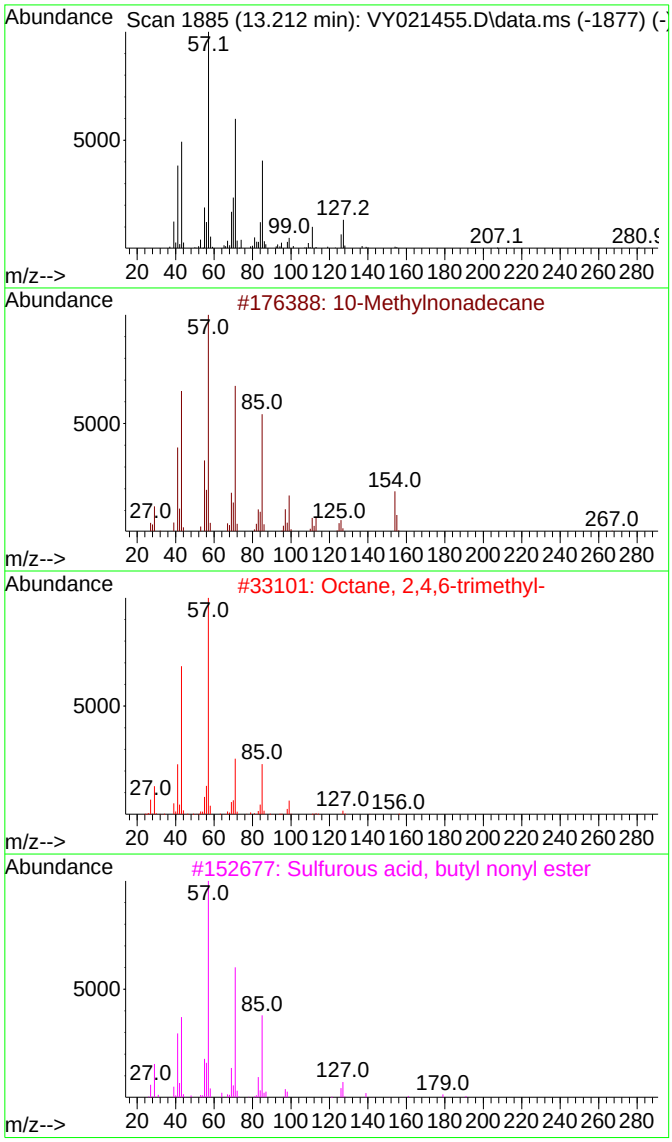
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

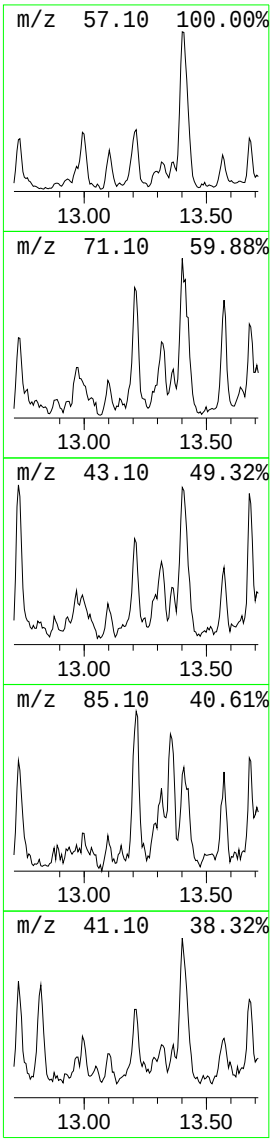
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 10-Methylnonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.212	6.23 ug/l	93695	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	59
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

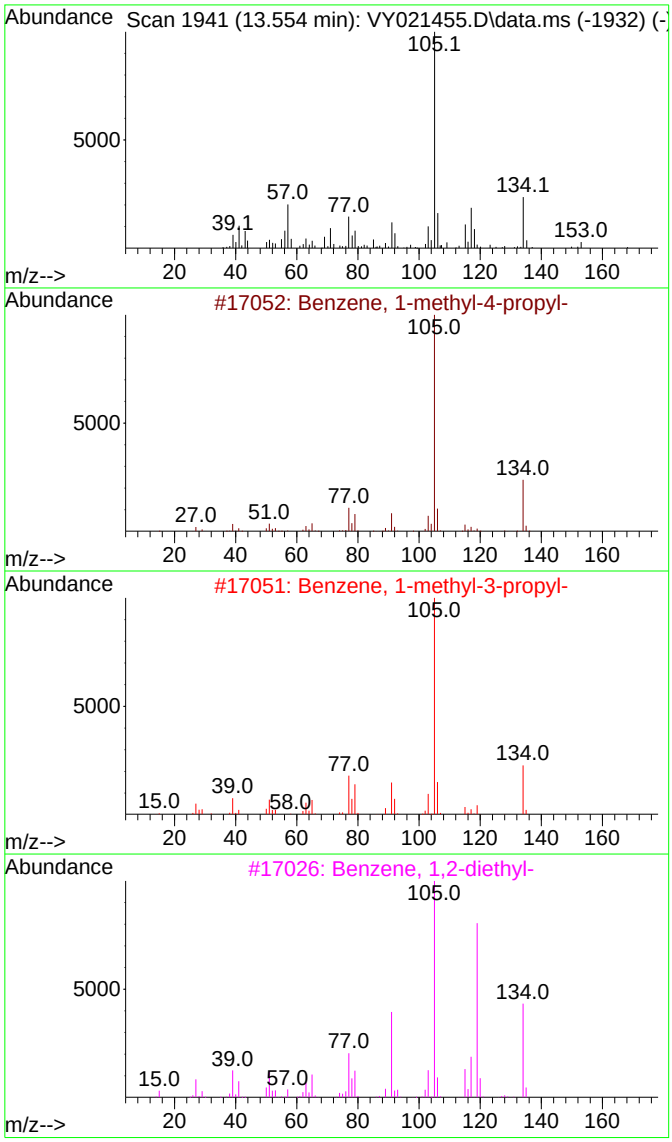
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

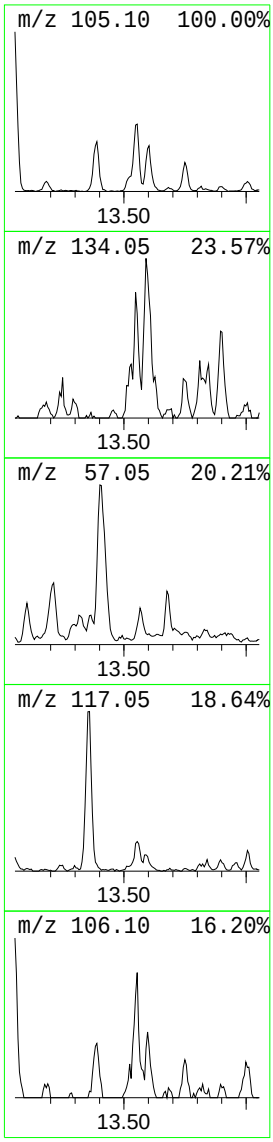
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	8.61 ug/l	129471	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	62
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.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
Dimethyl ether	1.995	56.5	ug/l	1368100	1	7.683	1210810	50.0
Boric acid, tri...	6.372	60.1	ug/l	1454660	1	7.683	1210810	50.0
Hexane, 3-methyl-	7.884	6.9	ug/l	167854	1	7.683	1210810	50.0
Pentane, 2,2,4-...	8.219	20.7	ug/l	320604	2	8.603	774968	50.0
Heptane	8.445	7.7	ug/l	119344	2	8.603	774968	50.0
Pentane, 2,3,4-...	9.530	14.0	ug/l	216698	2	8.603	774968	50.0
Hexane, 2,3,4-t...	9.664	21.2	ug/l	328247	2	8.603	774968	50.0
Heptane, 3-methyl-	9.871	5.6	ug/l	86774	2	8.603	774968	50.0
Octane	10.292	5.0	ug/l	114970	3	11.426	1145440	50.0
Benzene, 1-ethy...	12.670	9.6	ug/l	143804	4	13.359	751753	50.0
.beta.-Pinene	12.822	8.0	ug/l	120292	4	13.359	751753	50.0
10-Methylnonade...	13.212	6.2	ug/l	93695	4	13.359	751753	50.0
Benzene, 1-meth...	13.554	8.6	ug/l	129471	4	13.359	751753	50.0