LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
Data File : VY011996.D
Acq On : 23 Dec 2022 14:38
Operator : KP/MD
Sample : N6190-01
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

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\82Y122022S.M
Title : SW846 8260

Signal : TIC: VY011996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	87	93	102	rVB	8804	15405	1.39%	0.196%
2	3.942	339	348	368	rBV	80359	224206	20.20%	2.846%
3	4.198	379	390	409	rBV2	27000	87786	7.91%	1.115%
4	4.716	463	475	494	rBV3	23221	78379	7.06%	0.995%
5	4.930	496	510	523	rBV	25823	100054	9.01%	1.270%
6	5.747	632	644	668	rVB	153120	473485	42.65%	6.011%
7	6.972	832	845	865	rBV	263909	790647	71.23%	10.038%
8	7.716	957	967	973	rBV	136661	325385	29.31%	4.131%
9	7.789	973	979	997	rVB	239892	543457	48.96%	6.900%
10	8.142	1026	1037	1047	rBV	126455	278133	25.06%	3.531%
11	8.691	1118	1127	1138	rBV	342924	676447	60.94%	8.588%
12	9.850	1310	1317	1323	rBV2	8519	14516	1.31%	0.184%
13	10.179	1363	1371	1378	rBV	493582	841290	75.79%	10.681%
14	10.581	1429	1437	1444	rBV	616643	1110042	100.00%	14.093%
15	10.715	1452	1459	1469	rVB	44372	73689	6.64%	0.936%
16	10.947	1489	1497	1507	rBV	100647	178087	16.04%	2.261%
17	11.044	1507	1513	1519	rVB2	24759	41166	3.71%	0.523%
18	11.270	1544	1550	1557	rVV	46720	71732	6.46%	0.911%
19	11.489	1577	1586	1596	rBV	397261	638646	57.53%	8.108%
20	11.581	1596	1601	1611	rVV2	18559	33781	3.04%	0.429%
21	11.703	1615	1621	1630	rVB	15950	28972	2.61%	0.368%
22	12.044	1669	1677	1686	rVB2	11624	26025	2.34%	0.330%
23	12.337	1720	1725	1731	rVB	9950	14929	1.34%	0.190%
24	12.489	1742	1750	1759	rBV2	449234	788058	70.99%	10.005%
25	12.745	1786	1792	1799	rBV3	5486	11642	1.05%	0.148%
26	12.825	1799	1805	1812	rVV	10738	16747	1.51%	0.213%
27	13.385	1887	1897	1898	rBV3	8789	11724	1.06%	0.149%
28	13.428	1898	1904	1913	rVB	216867	335354	30.21%	4.258%
29	13.788	1953	1963	1968	rBV2	9347	17332	1.56%	0.220%
30	13.965	1986	1992	2001	rVB	17440	29589	2.67%	0.376%

Sum of corrected areas: 7876705

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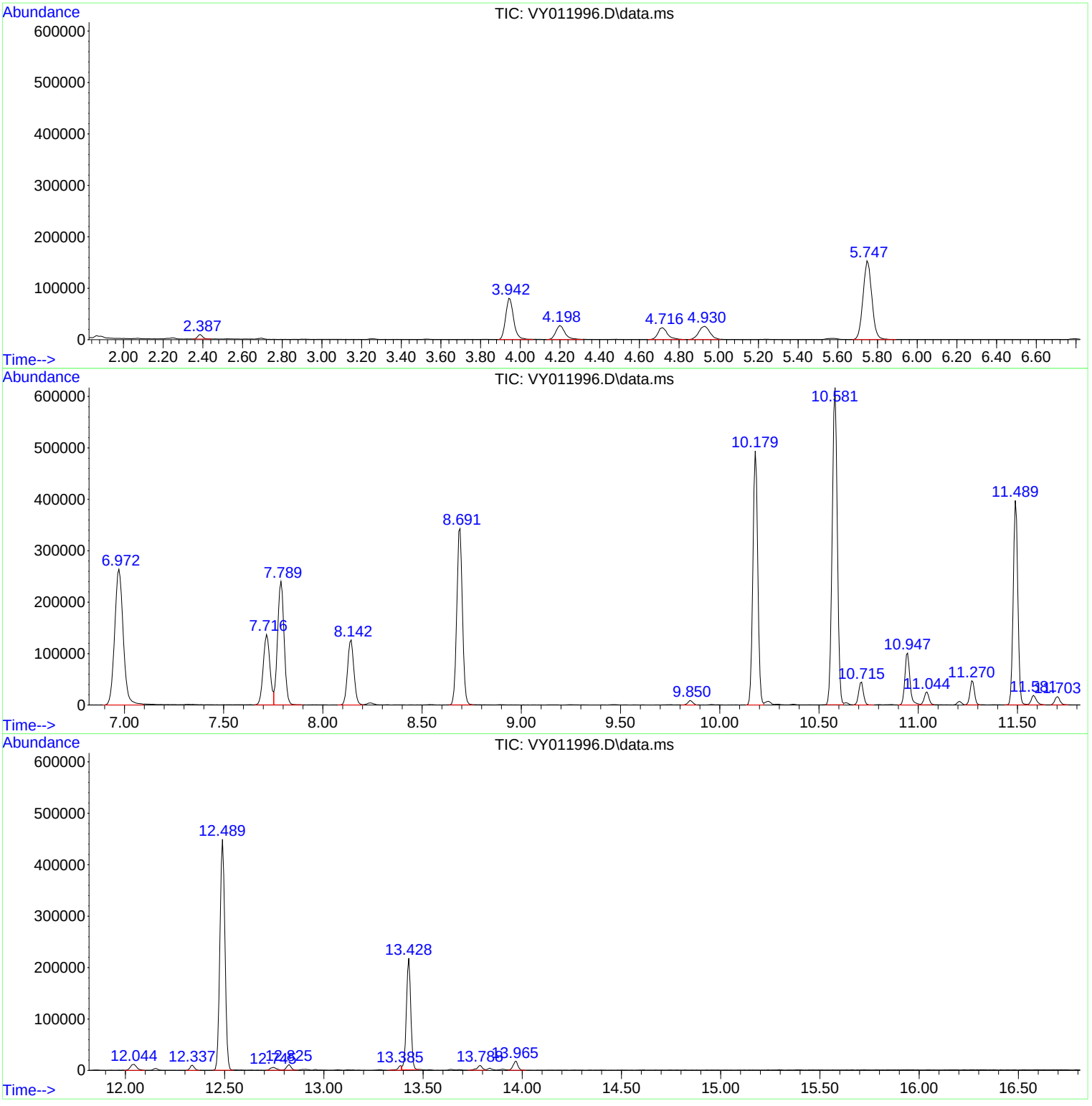
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260

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



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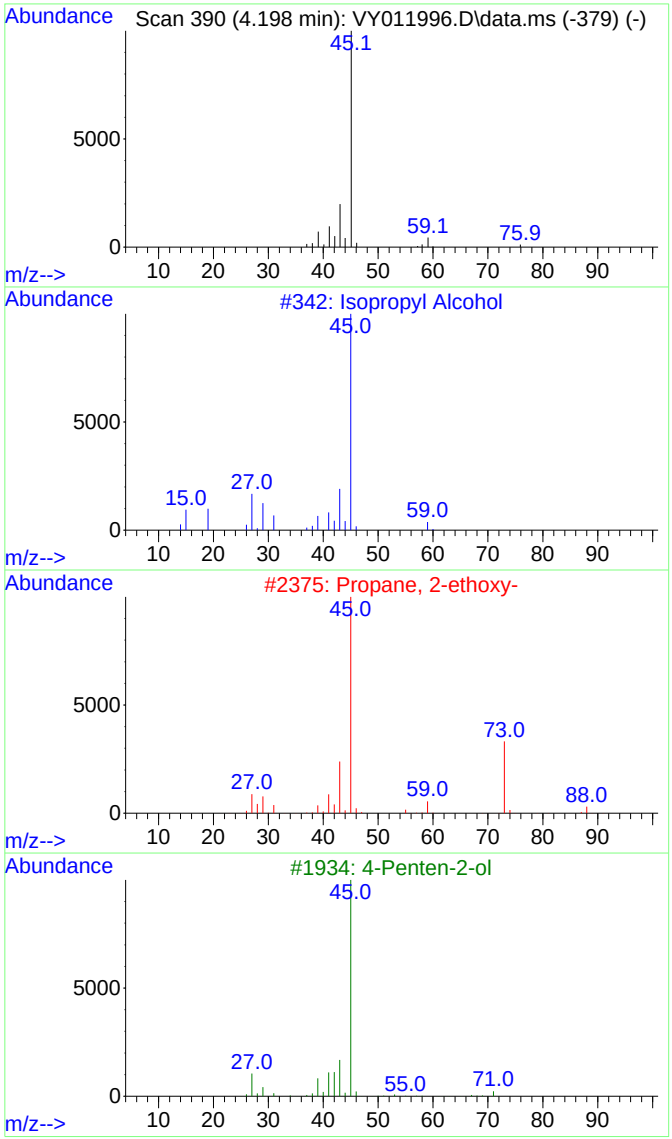
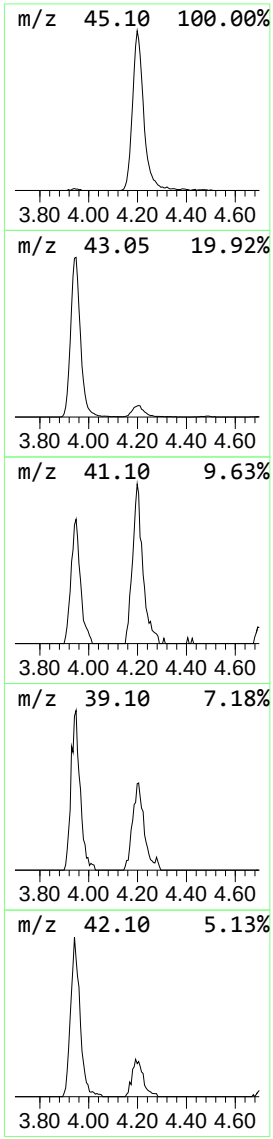
****
Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.198	8.08 ug/l	87786	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	(R)-(-)-2-Pentanol	88	C5H12O	031087-44-2	9
5	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9





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MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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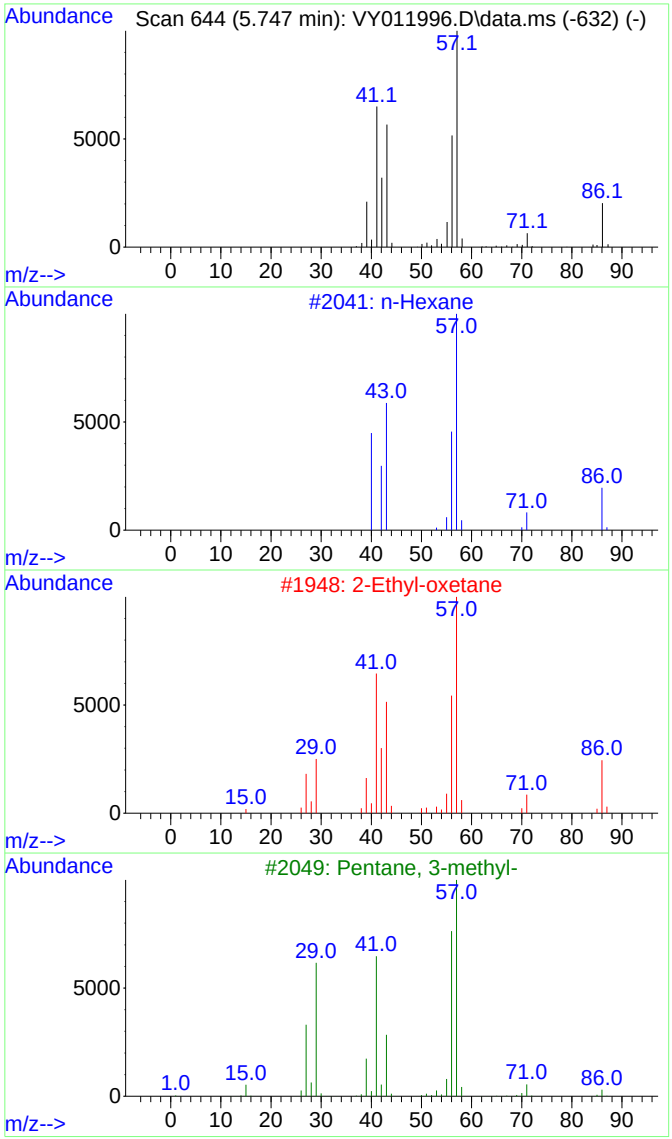
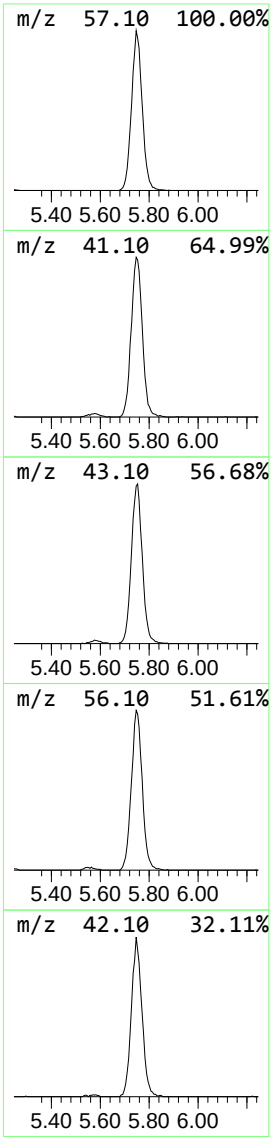
****

Peak Number 3 n-Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.747	43.56 ug/l	473485	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	47
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	46





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Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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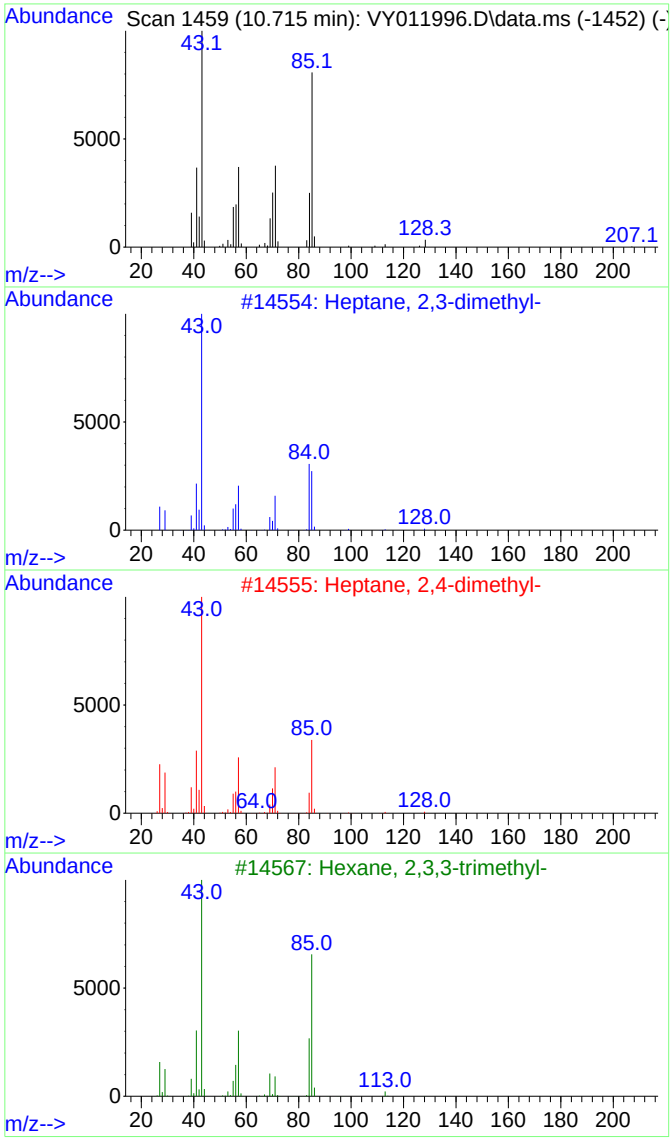
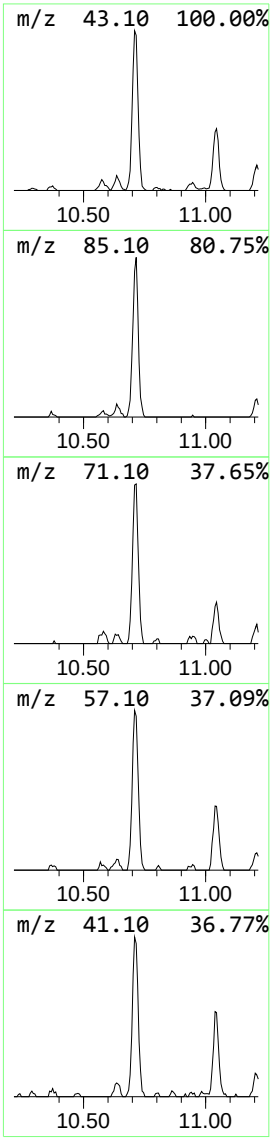
****
Peak Number 5 Heptane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.715	5.77 ug/l	73689	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	72
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	64





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Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260

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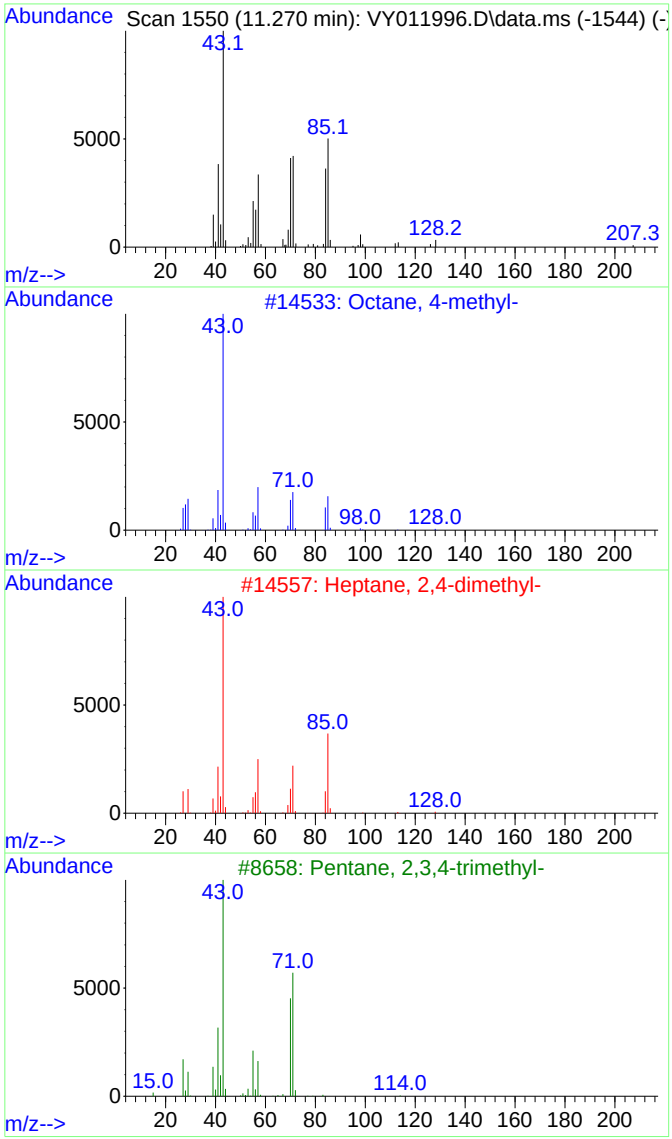
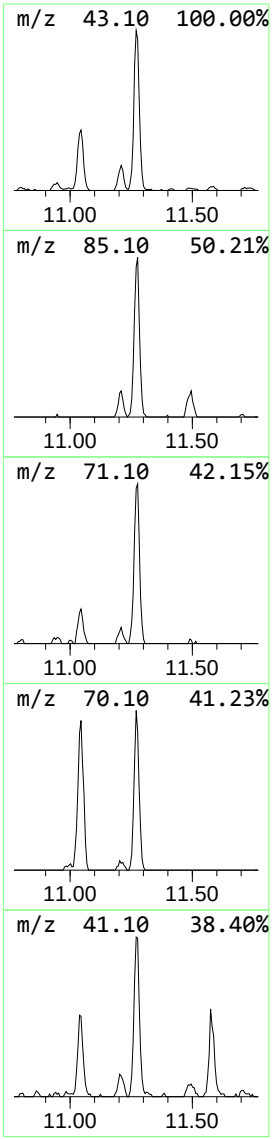
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.270	5.62 ug/l	71732	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	43





Tentatively Identified Compound (LSC) summary

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MSVOA_Y
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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
Isopropyl Alcohol	4.198	8.1	ug/l	87786	1	7.789	543457	50.0
n-Hexane	5.747	43.6	ug/l	473485	1	7.789	543457	50.0
Heptane, 2,3-di...	10.715	5.8	ug/l	73689	3	11.490	638646	50.0
Octane, 4-methyl-	11.270	5.6	ug/l	71732	3	11.490	638646	50.0