LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007849.D
Acq On : 11 Mar 2022 13:06
Operator : SY/MD
Sample : N1847-01
Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

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\82Y022822S.M
Title : SW846 8260

Signal : TIC: VY007849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	15	rVB2	128137	169959	26.10%	3.313%
2	2.058	34	39	46	rBV2	11509	27842	4.28%	0.543%
3	2.223	58	66	77	rBV2	87749	203060	31.18%	3.958%
4	2.455	98	104	109	rBV2	14680	32391	4.97%	0.631%
5	2.607	109	129	133	rVV4	68565	384115	58.98%	7.488%
6	2.662	134	138	155	rVB	133453	322793	49.57%	6.293%
7	2.875	168	173	187	rVB5	16744	44626	6.85%	0.870%
8	3.156	213	219	226	rBV5	13188	27086	4.16%	0.528%
9	3.253	226	235	248	rVB5	13146	42920	6.59%	0.837%
10	3.424	250	263	269	rBV4	6915	26484	4.07%	0.516%
11	3.954	339	350	362	rBV	15666	45335	6.96%	0.884%
12	4.186	380	388	389	rBV2	4631	8168	1.25%	0.159%
13	4.473	425	435	447	rBV	21114	62679	9.62%	1.222%
14	4.576	447	452	460	rVB8	3134	9102	1.40%	0.177%
15	4.716	467	475	480	rBV4	8500	24666	3.79%	0.481%
16	4.796	480	488	500	rVB4	21919	78793	12.10%	1.536%
17	5.576	611	616	625	rVB7	3799	11079	1.70%	0.216%
18	5.747	642	644	654	rVB6	3433	7088	1.09%	0.138%
19	6.984	834	847	858	rBV	20473	56878	8.73%	1.109%
20	7.362	897	909	918	rBV5	7275	21387	3.28%	0.417%
21	7.521	928	935	943	rBV2	6916	15673	2.41%	0.306%
22	7.716	958	967	973	rBV2	98298	236775	36.36%	4.616%
23	7.789	973	979	991	rVB	154839	365318	56.10%	7.121%
24	8.143	1027	1037	1048	rBV	109020	252754	38.81%	4.927%
25	8.545	1097	1103	1110	rBV3	6190	13541	2.08%	0.264%
26	8.691	1119	1127	1135	rBV	239260	476970	73.24%	9.298%
27	8.758	1135	1138	1146	rVB4	6069	12231	1.88%	0.238%
28	9.142	1194	1201	1205	rBV2	11422	22641	3.48%	0.441%
29	9.289	1218	1225	1230	rBV2	6215	12536	1.92%	0.244%
30	10.179	1361	1371	1378	rBV	383017	651222	100.00%	12.695%
31	10.246	1378	1382	1388	rVB5	8945	16304	2.50%	0.318%
32	10.386	1400	1405	1412	rVB6	4085	7936	1.22%	0.155%
33	10.721	1454	1460	1466	rVB6	7527	12544	1.93%	0.245%
34	11.490	1578	1586	1595	rBV	328449	518354	79.60%	10.105%
35	12.483	1741	1749	1758	rBV3	314401	578047	88.76%	11.268%
36	12.806	1797	1802	1812	rVB5	8856	16237	2.49%	0.317%

LSC Area Percent Report

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Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Title : SW846 8260

37	13.422	1897	1903	1912	rBV	184050	291064	44.70%	5.674%
38	13.532	1914	1921	1926	rVB8	3365	6535	1.00%	0.127%
39	13.965	1985	1992	1997	rVB3	10154	16671	2.56%	0.325%

Sum of corrected areas: 5129804

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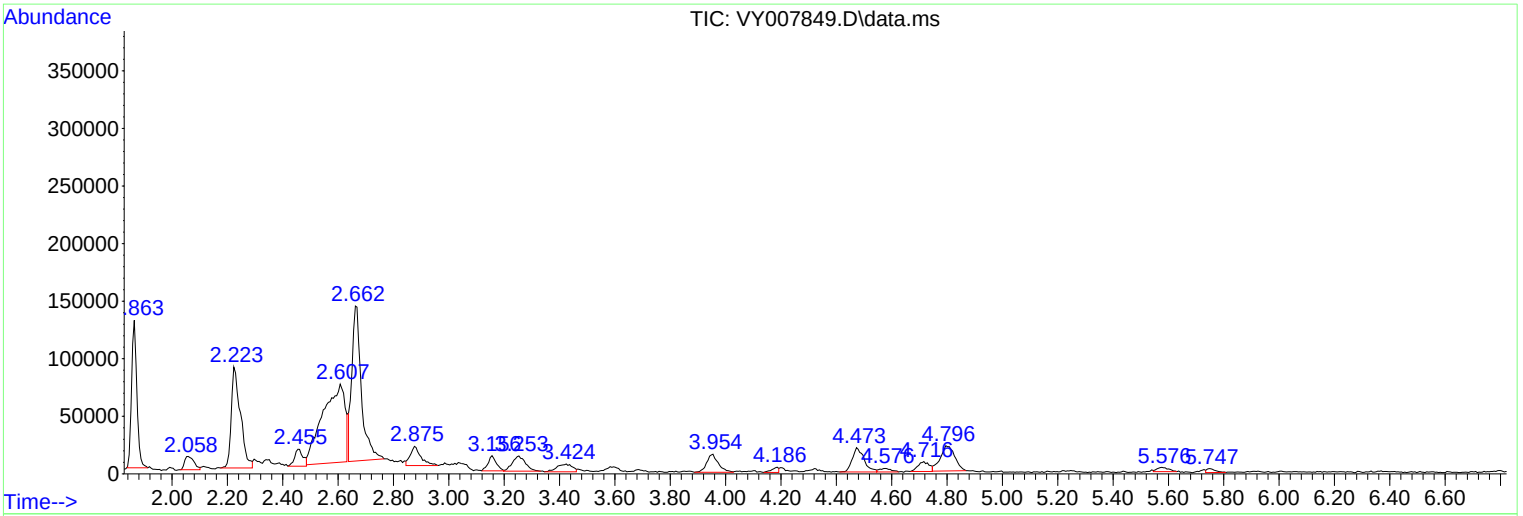
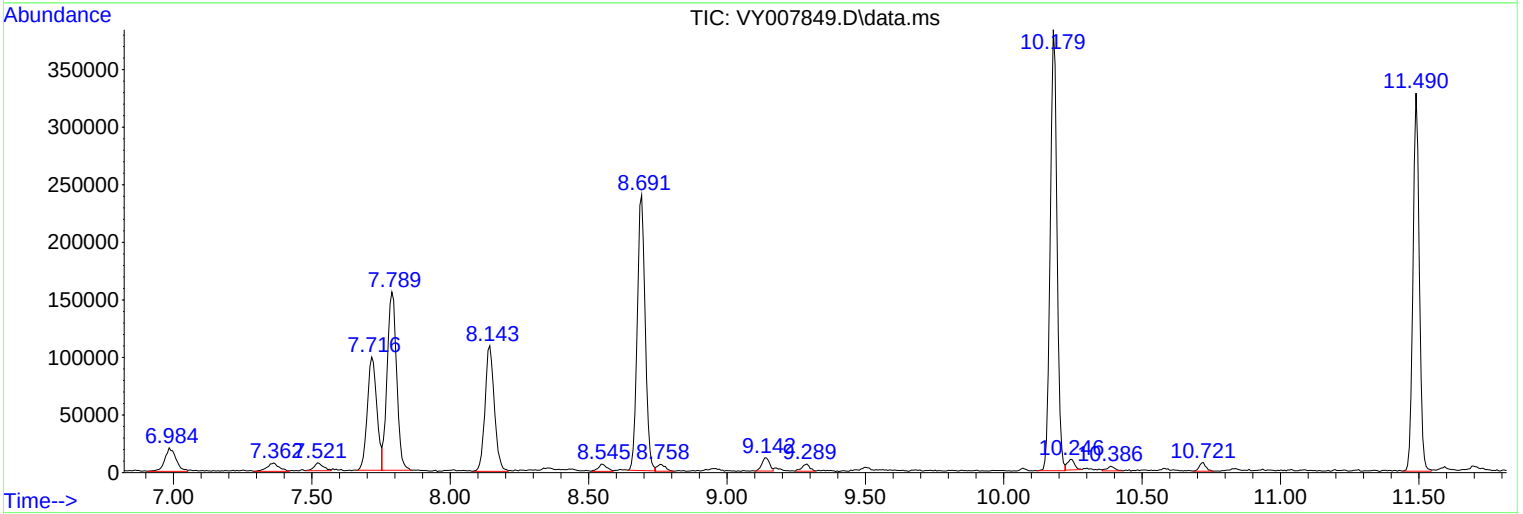
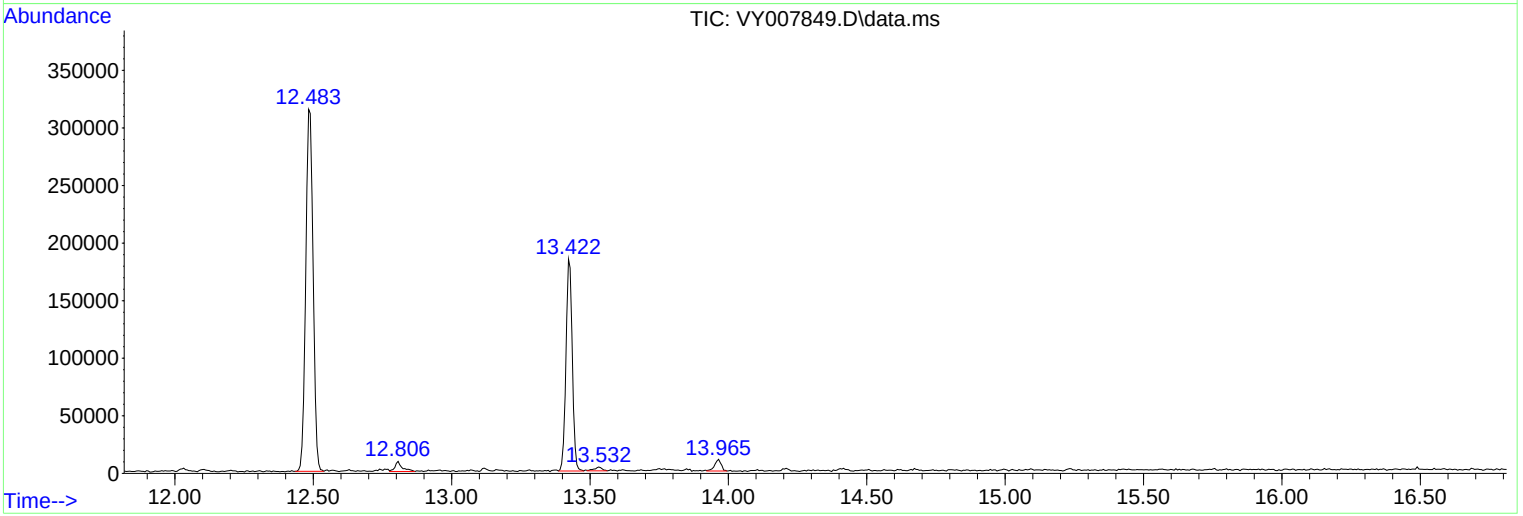
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007849.D
Acq On : 11 Mar 2022 13:06
Operator : SY/MD
Sample : N1847-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

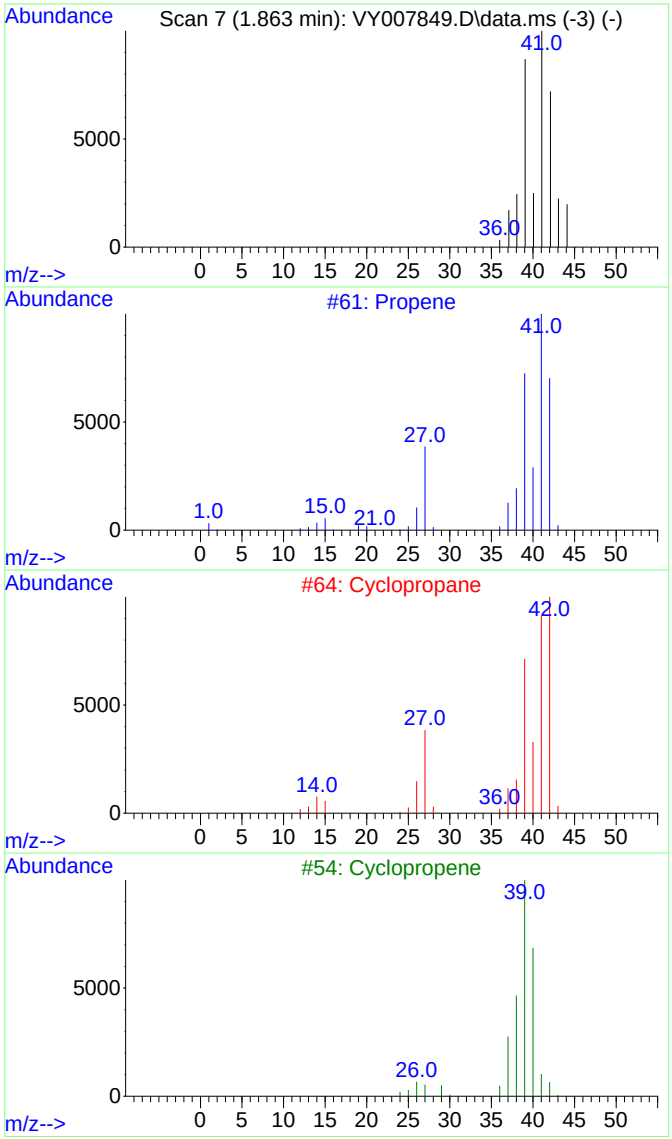
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

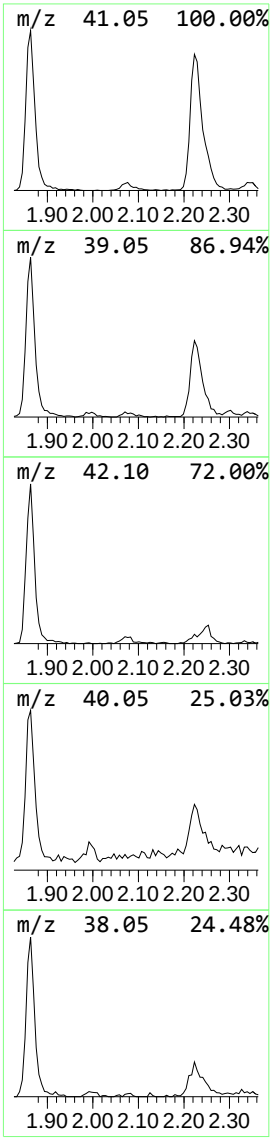
****

Peak Number 1 Propene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.863	23.26 ug/l	169959	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	10
3	Cyclopropene	40	C3H4	002781-85-3	5
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	Propane	44	C3H8	000074-98-6	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007849.D
Acq On : 11 Mar 2022 13:06
Operator : SY/MD
Sample : N1847-01
Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

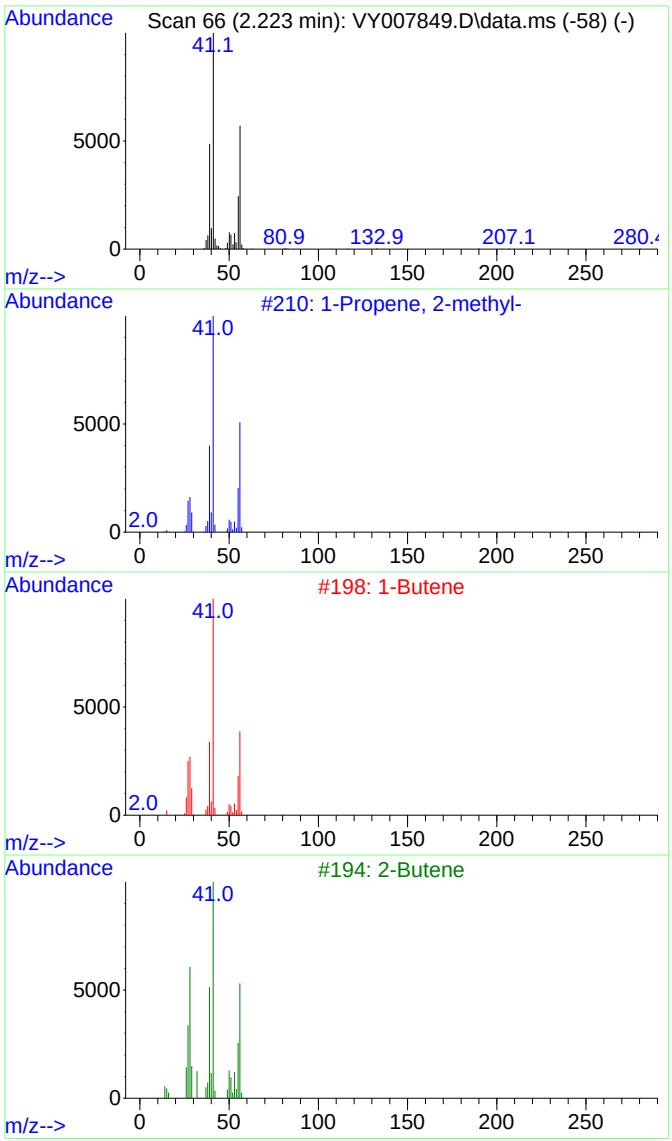
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

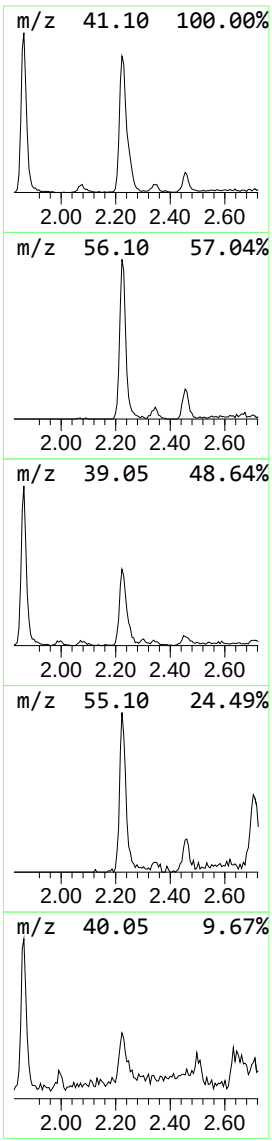
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.223	27.79 ug/l	203060	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	87
3	2-Butene	56	C4H8	000107-01-7	83
4	2-Butene, (Z)-	56	C4H8	000590-18-1	49
5	Cyclobutane	56	C4H8	000287-23-0	49





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Data File : VY007849.D
Acq On : 11 Mar 2022 13:06
Operator : SY/MD
Sample : N1847-01
Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

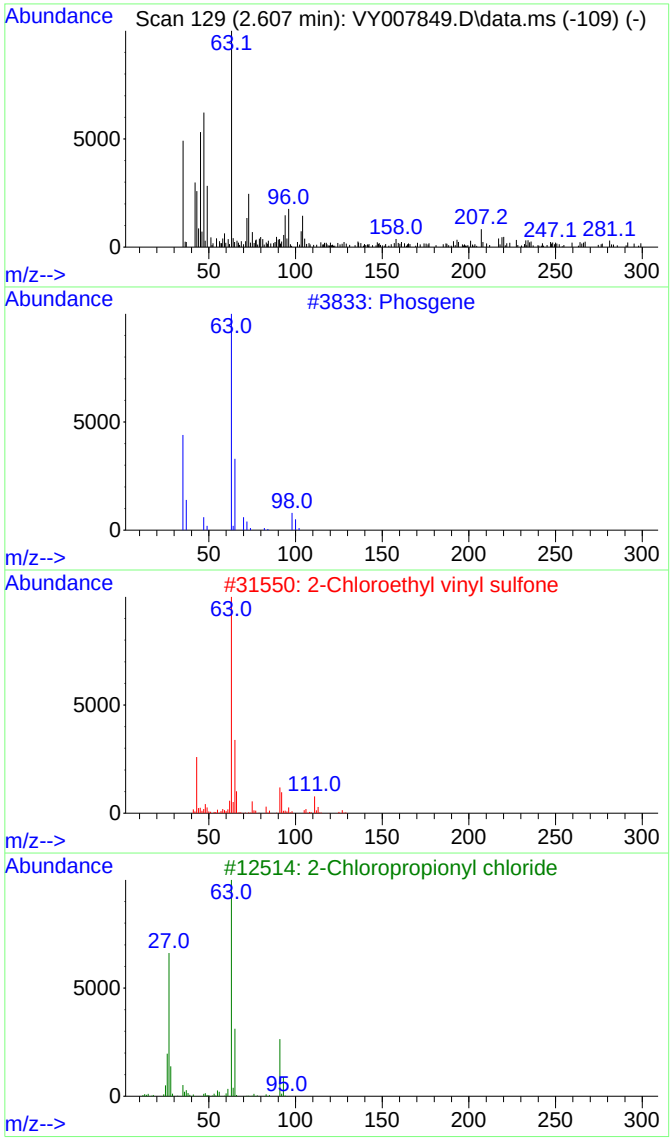
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

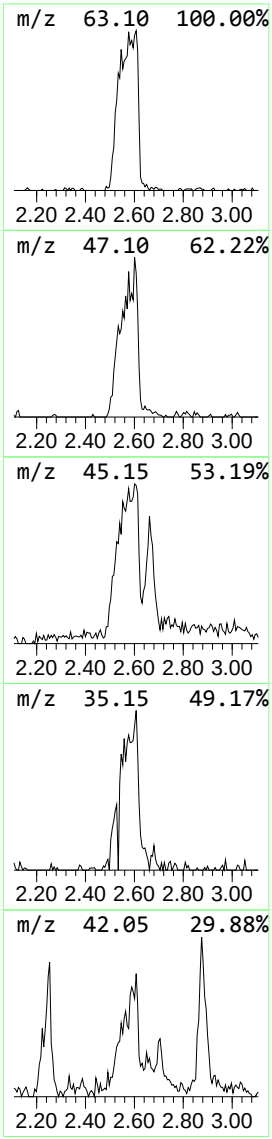
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown2.607 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.607	52.57 ug/l	384115	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosgene	98	CCl2O	000075-44-5	36
2	2-Chloroethyl vinyl sulfone	154	C4H7ClO2S	007327-58-4	28
3	2-Chloropropionyl chloride	126	C3H4Cl2O	007623-09-8	25
4	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	17
5	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007849.D
Acq On : 11 Mar 2022 13:06
Operator : SY/MD
Sample : N1847-01
Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

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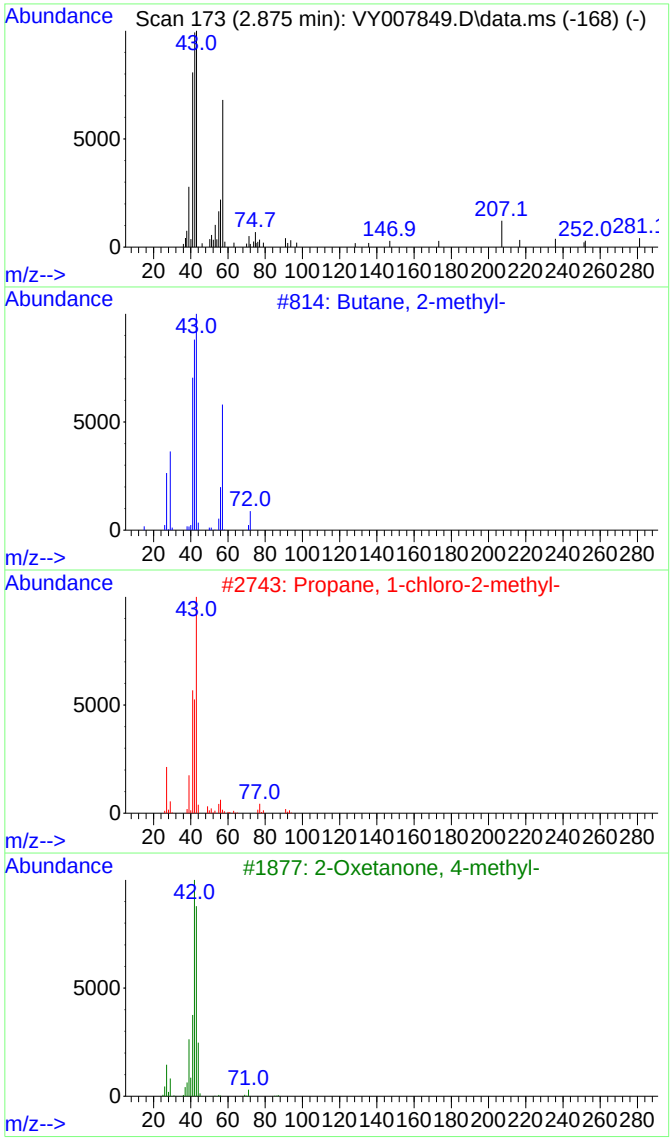
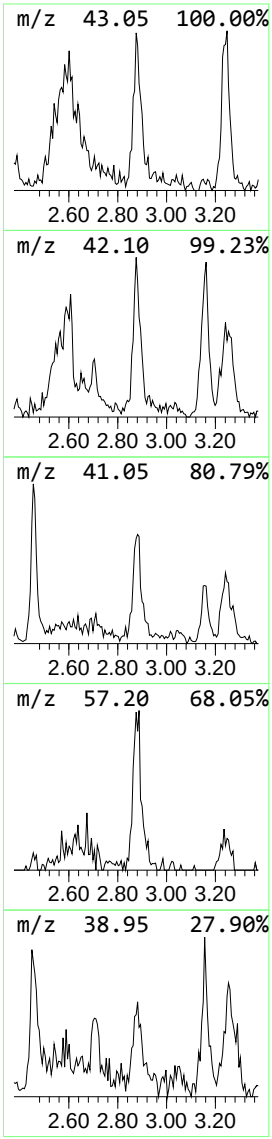
Peak Number 5 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.875	6.11 ug/l	44626	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	59
2	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	47
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	25
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	128	C6H8O3	1010143-02-1	9
5	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	9





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Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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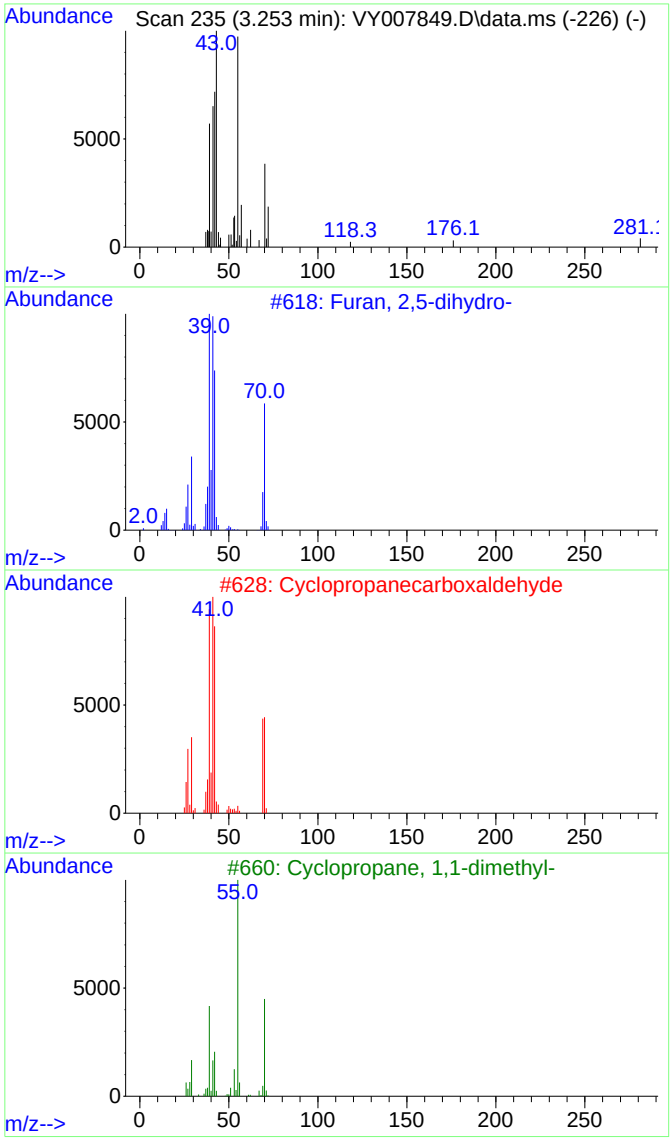
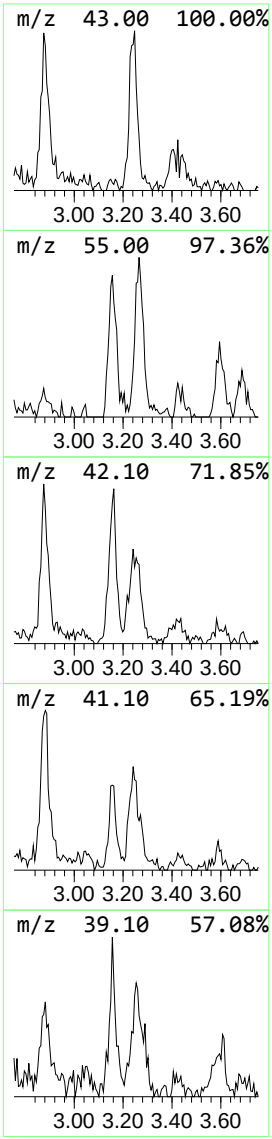
****
Peak Number 6 unknown3.253 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.253	5.87 ug/l	42920	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	49
2	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	49
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	49
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	38
5	1-Pentene	70	C5H10	000109-67-1	38





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MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

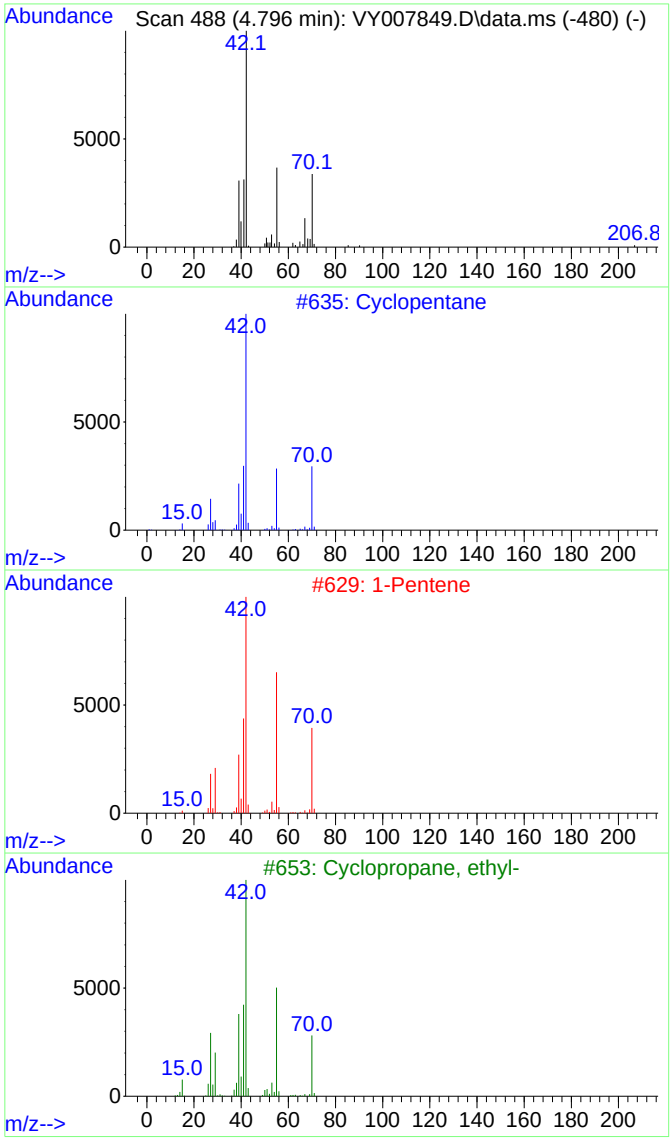
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

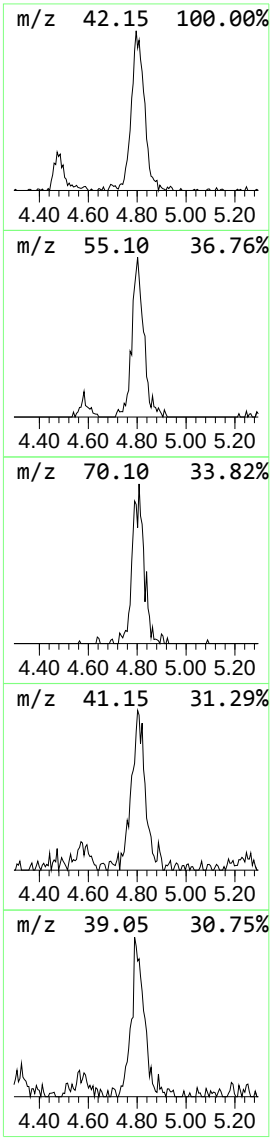
****

Peak Number 7 Cyclopentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.796	10.78 ug/l	78793	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	64
2	1-Pentene	70	C5H10	000109-67-1	45
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	16
4	Cyclobutanone	70	C4H6O	001191-95-3	9
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.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
Propene	1.863	23.3	ug/l	169959	1	7.789	365318	50.0
1-Propene, 2-me...	2.223	27.8	ug/l	203060	1	7.789	365318	50.0
unknown2.607	2.607	52.6	ug/l	384115	1	7.789	365318	50.0
Butane, 2-methyl-	2.875	6.1	ug/l	44626	1	7.789	365318	50.0
unknown3.253	3.253	5.9	ug/l	42920	1	7.789	365318	50.0
Cyclopentane	4.796	10.8	ug/l	78793	1	7.789	365318	50.0