LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

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_D\Method\82D110921S.M
Title : SW846 8260

Signal : TIC: VD070986.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.950	3	5	21	rVB	775189	831354	53.05%	7.513%
2	2.091	21	29	33	rVB	15936	23988	1.53%	0.217%
3	2.168	33	42	46	rBV	48357	65418	4.17%	0.591%
4	2.321	61	68	71	rBV	302287	522016	33.31%	4.717%
5	2.403	78	82	85	rVV3	14341	18172	1.16%	0.164%
6	2.438	85	88	96	rVB3	12489	20471	1.31%	0.185%
7	2.568	101	110	118	rBV2	50099	99057	6.32%	0.895%
8	2.873	156	162	169	rVB2	17084	34202	2.18%	0.309%
9	3.038	182	190	199	rBV3	35269	81574	5.21%	0.737%
10	3.321	229	238	245	rBV3	46443	105165	6.71%	0.950%
11	3.420	245	255	268	rVB7	51453	182781	11.66%	1.652%
12	3.779	304	316	324	rBV5	18997	58480	3.73%	0.528%
13	4.156	371	380	392	rVV3	18073	63794	4.07%	0.577%
14	4.820	481	493	503	rBV6	9666	36048	2.30%	0.326%
15	4.967	505	518	535	rBV6	27065	115074	7.34%	1.040%
16	5.491	600	607	619	rVB5	7046	22889	1.46%	0.207%
17	5.991	683	692	703	rBB7	14348	44817	2.86%	0.405%
18	6.162	711	721	728	rVB7	6425	18291	1.17%	0.165%
19	7.914	1009	1019	1024	rBV	192401	481562	30.73%	4.352%
20	7.973	1024	1029	1040	rVB	342844	760670	48.54%	6.874%
21	8.191	1058	1066	1072	rBV5	6768	16401	1.05%	0.148%
22	8.326	1080	1089	1100	rBV	200950	451585	28.82%	4.081%
23	8.614	1132	1138	1146	rVB7	7521	19172	1.22%	0.173%
24	8.861	1170	1180	1190	rBV	546109	1103544	70.42%	9.973%
25	10.332	1422	1430	1440	rBV	870979	1567169	100.00%	14.163%
26	10.514	1455	1461	1467	rVB5	8242	17875	1.14%	0.162%
27	11.420	1609	1615	1627	rVB7	18112	46615	2.97%	0.421%
28	11.520	1627	1632	1641	rVB3	14355	25595	1.63%	0.231%
29	11.638	1644	1652	1663	rBV	806501	1403385	89.55%	12.682%
30	11.849	1679	1688	1692	rBV6	29400	70275	4.48%	0.635%
31	12.144	1732	1738	1740	rBV4	9088	16025	1.02%	0.145%
32	12.620	1812	1819	1828	rVB	815662	1345766	85.87%	12.162%
33	12.949	1869	1875	1879	rVB6	11068	19324	1.23%	0.175%
34	13.561	1972	1979	1986	rVB	806939	1315554	83.94%	11.889%
35	13.879	2029	2033	2039	rBV4	19879	33093	2.11%	0.299%
36	14.079	2063	2067	2074	rVB2	15269	28413	1.81%	0.257%

LSC Area Percent Report

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Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

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_D\Method\82D110921S.M
Title : SW846 8260

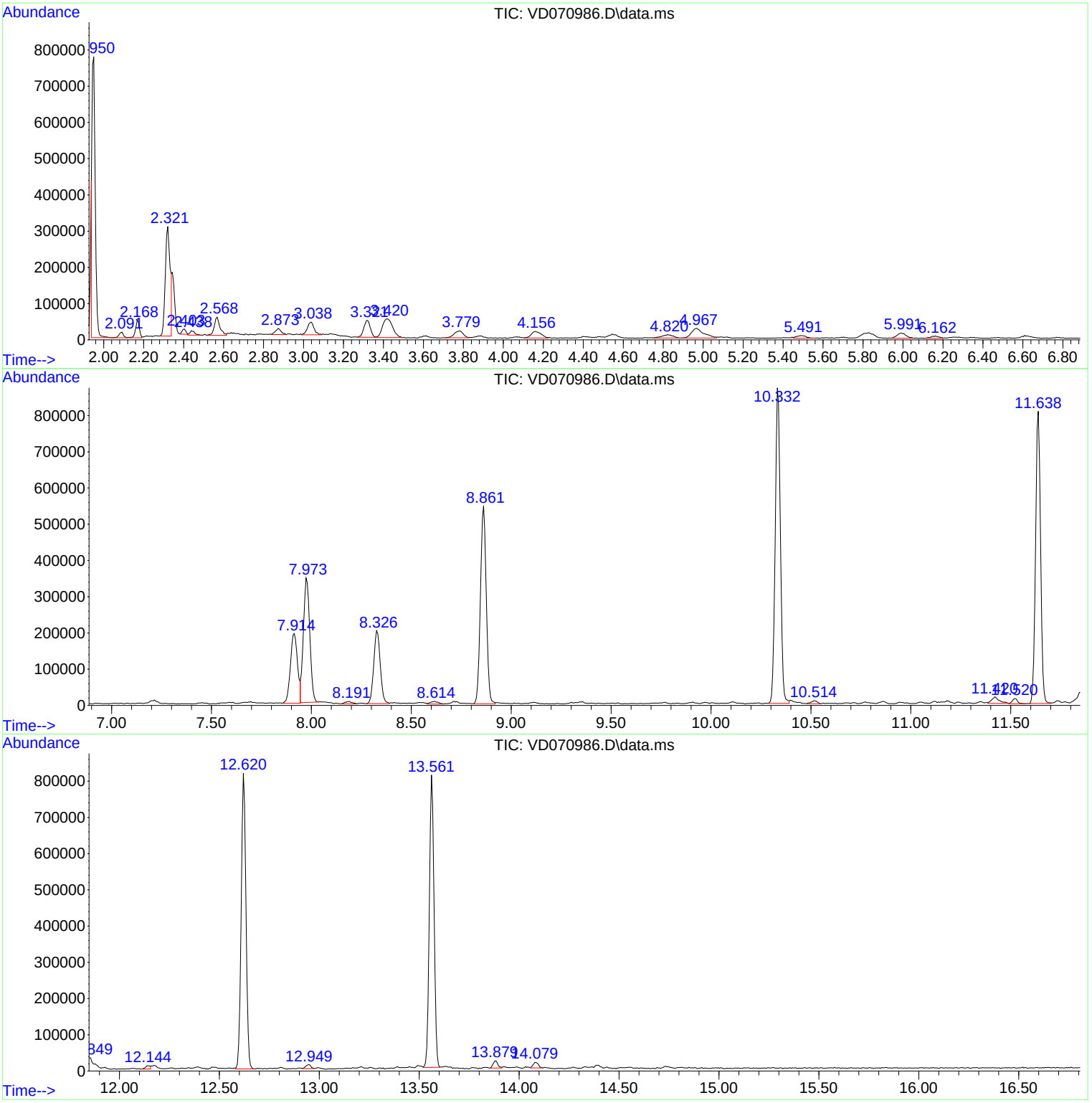
Sum of corrected areas: 11065614

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

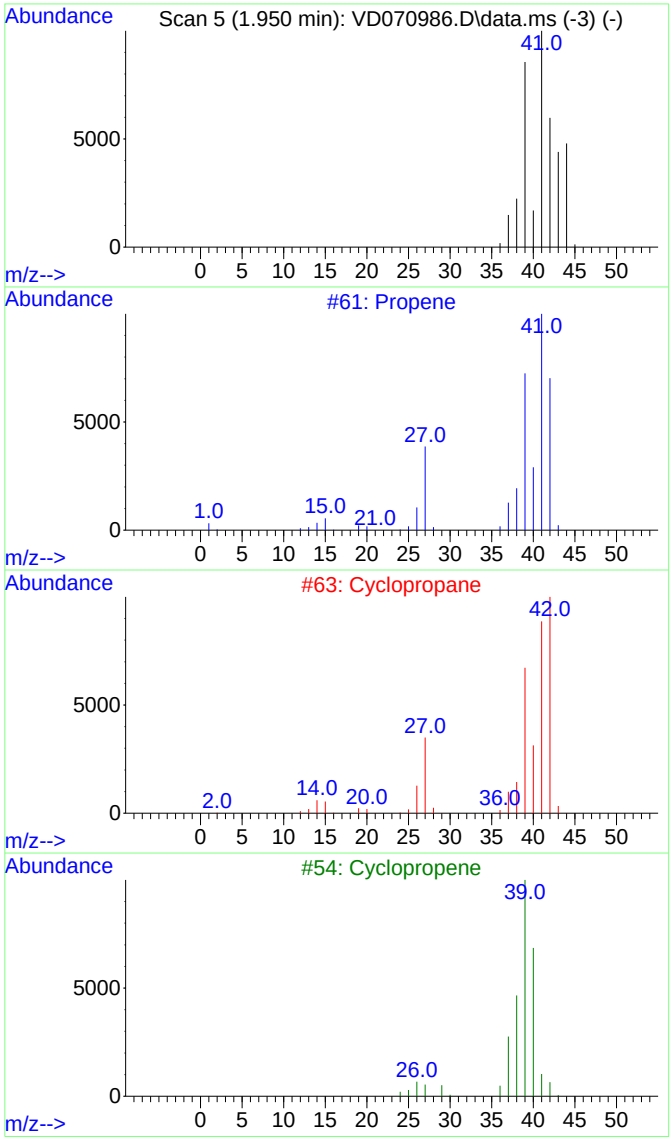
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

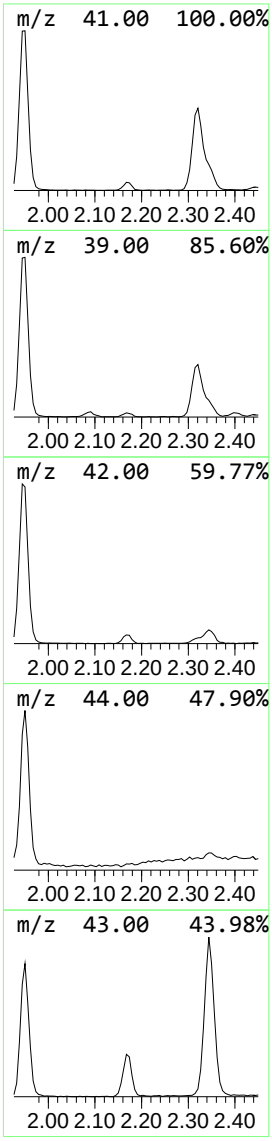
****

Peak Number 1 Propene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.950	54.65 ug/l	831354	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	64
2	Cyclopropane	42	C3H6	000075-19-4	40
3	Cyclopropene	40	C3H4	002781-85-3	2
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	2
5	1-Hexanamine	101	C6H15N	000111-26-2	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

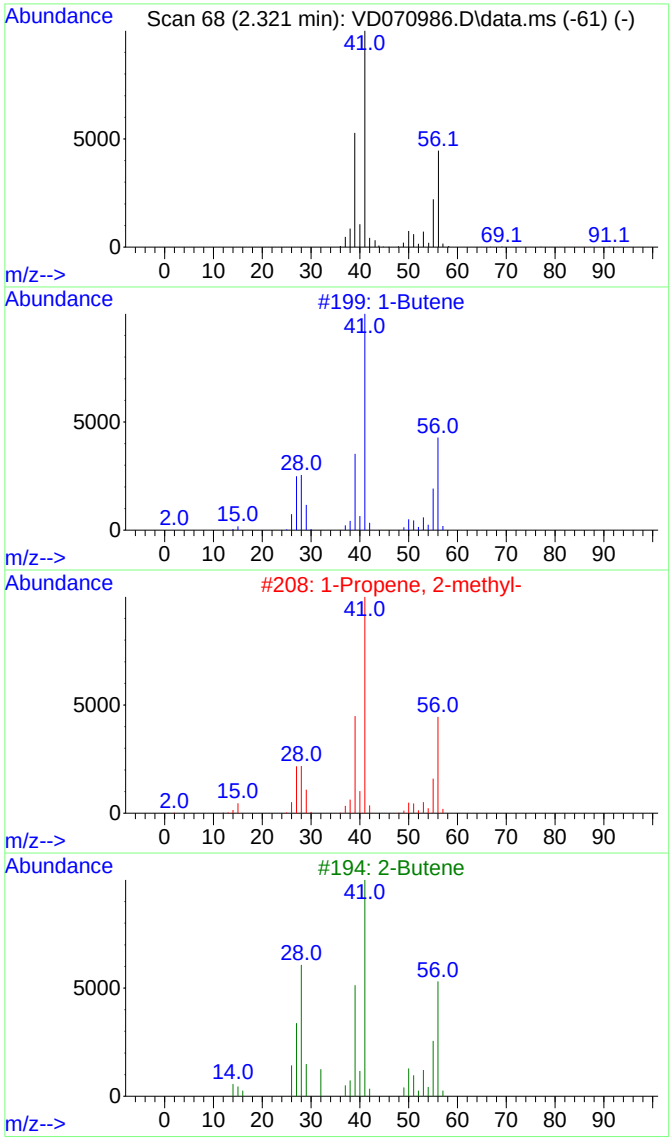
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

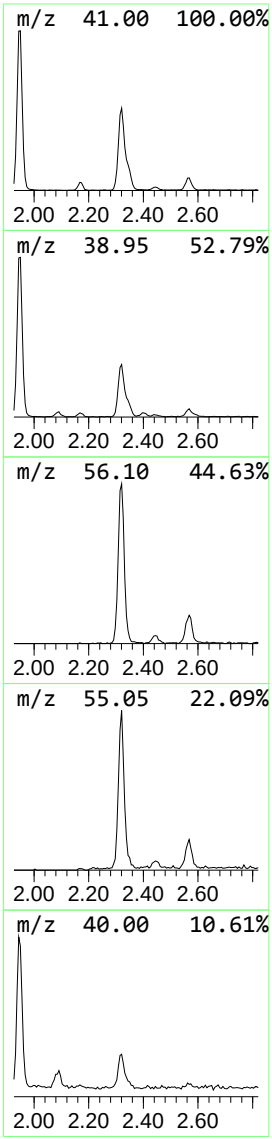
****

Peak Number 2 1-Butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.321	34.31 ug/l	522016	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	86
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	2-Butene	56	C4H8	000107-01-7	80
4	Cyclobutane	56	C4H8	000287-23-0	49
5	2-Butene, (Z)-	56	C4H8	000590-18-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

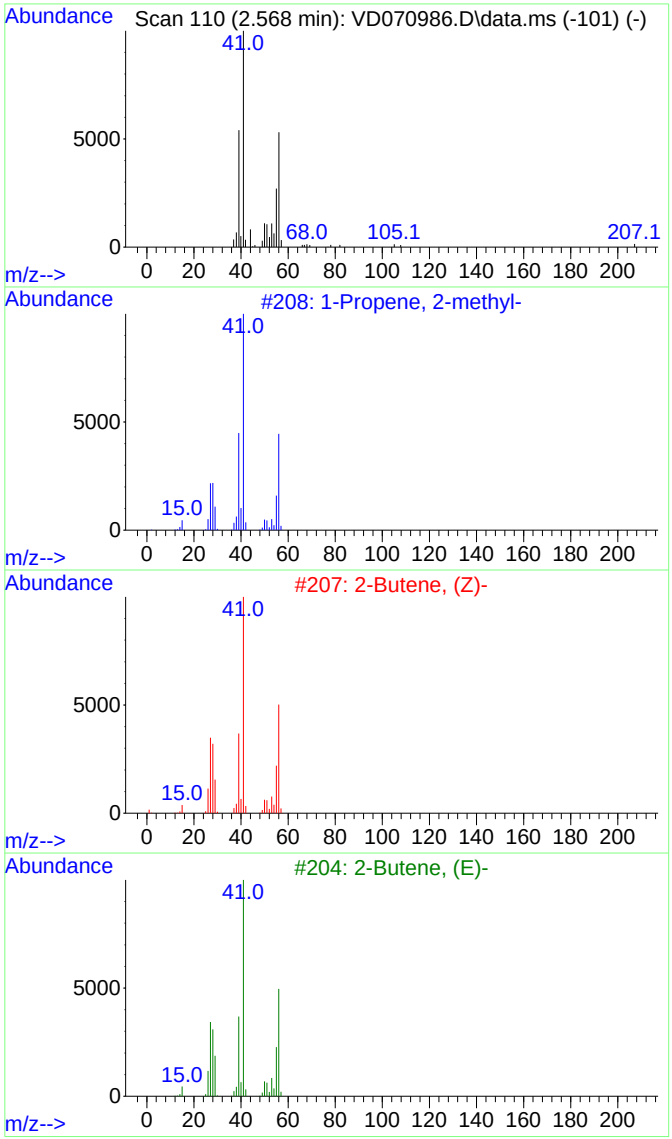
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

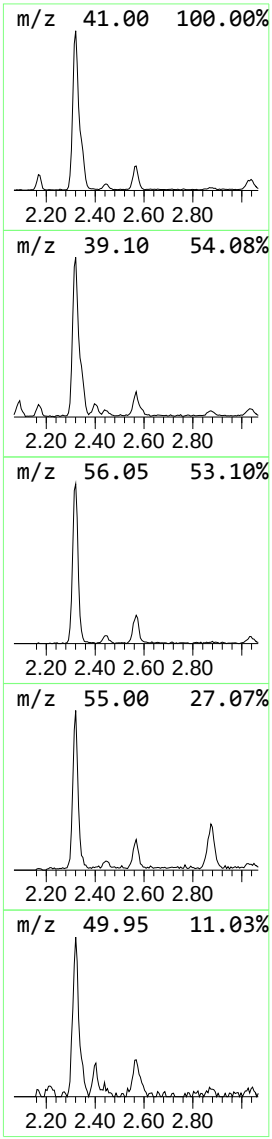
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.568	6.51 ug/l	99057	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
2	2-Butene, (Z)-	56	C4H8	000590-18-1	64
3	2-Butene, (E)-	56	C4H8	000624-64-6	64
4	2-Butene	56	C4H8	000107-01-7	58
5	1-Butene	56	C4H8	000106-98-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

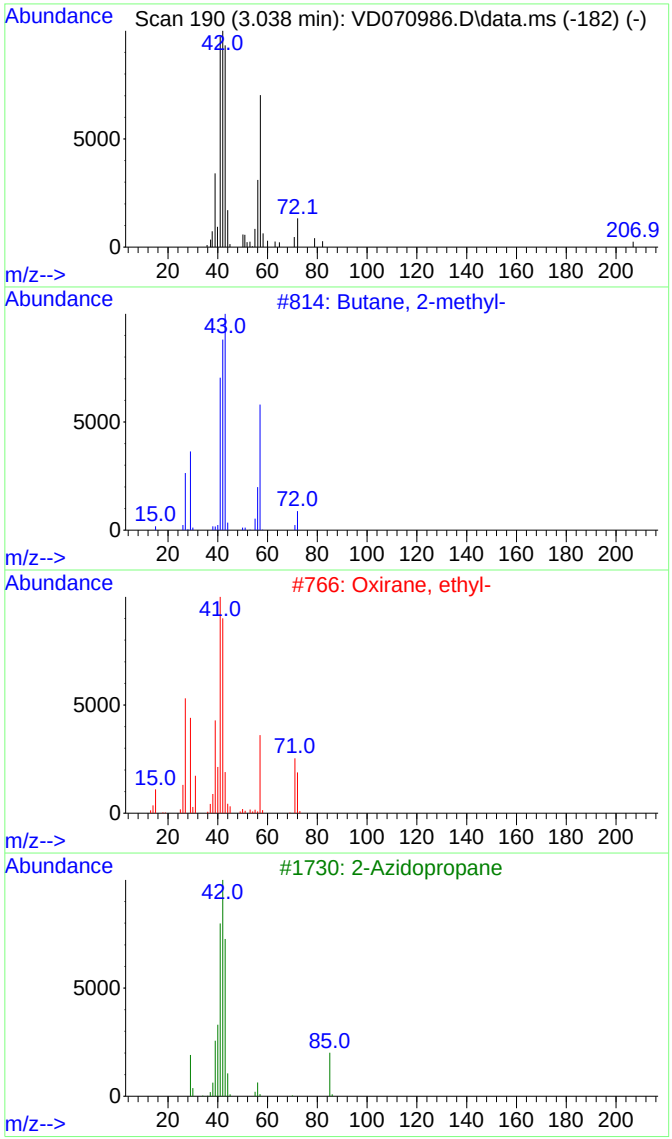
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

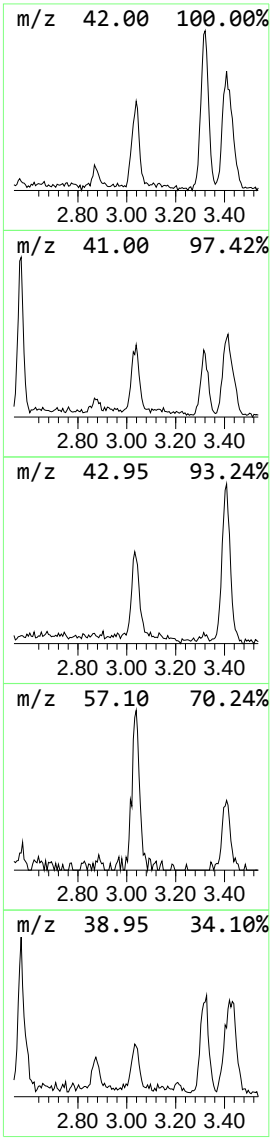
****

Peak Number 4 Butane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	5.36 ug/l	81574	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	42
3	2-Azidopropane	85	C3H7N3	000691-57-6	38
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5	2-Oxetanone, 4-methylene-	84	C4H4O2	000674-82-8	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
Acq On : 11 Nov 2021 12:37
Operator : VA/SY
Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

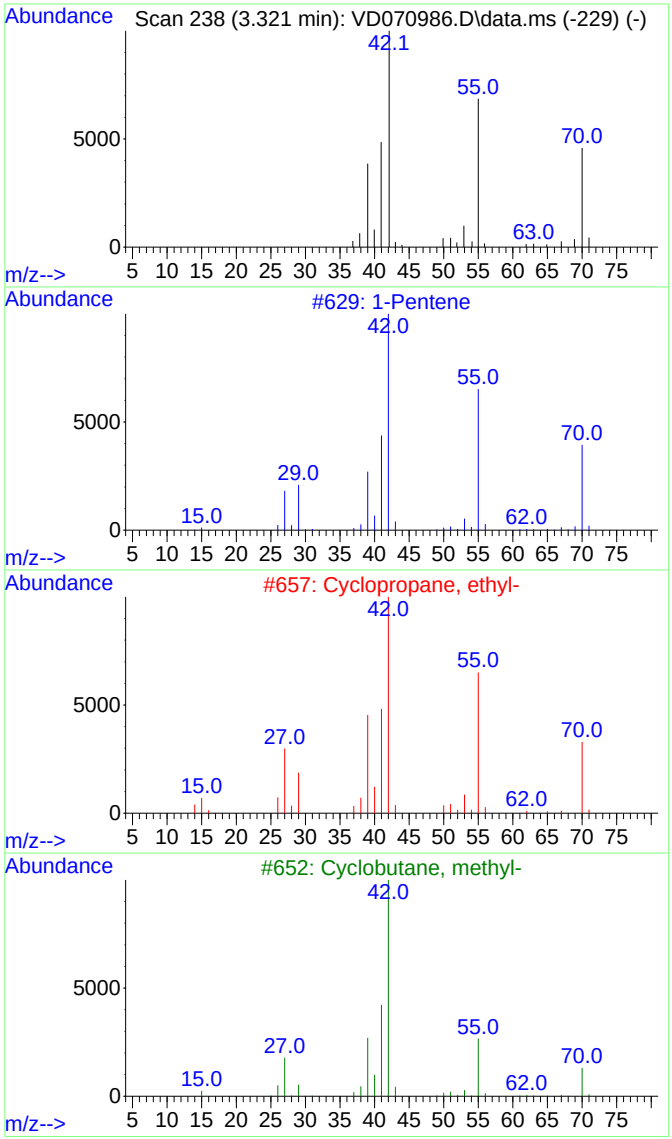
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

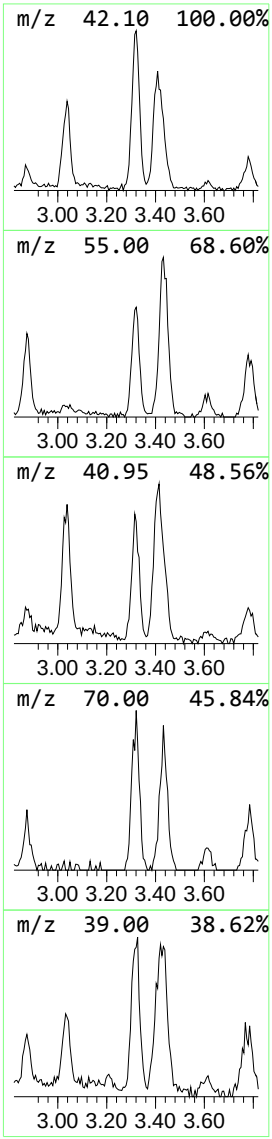
****

Peak Number 5 1-Pentene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.321	6.91 ug/l	105165	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	90
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	58
5	2-Pentene	70	C5H10	000109-68-2	53





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Sample : M4574-05
Misc : 6.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260

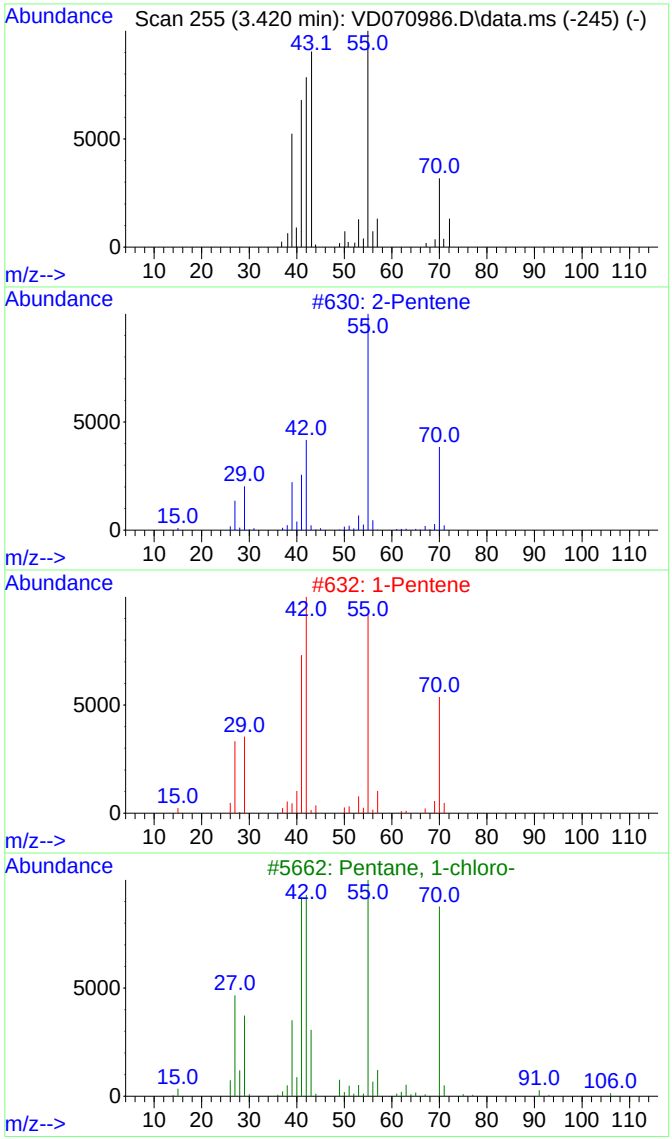
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

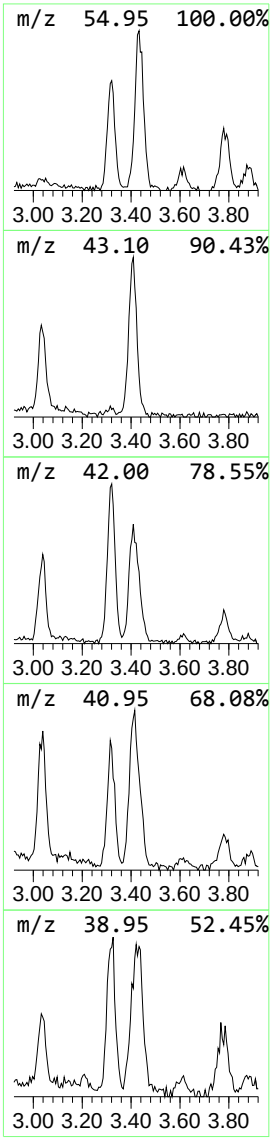
****

Peak Number 6 2-Pentene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.420	12.01 ug/l	182781	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	53
2	1-Pentene	70	C5H10	000109-67-1	49
3	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	47
4	Pentane	72	C5H12	000109-66-0	43
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070986.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.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	1.950	54.6	ug/l	831354	1	7.973	760670	50.0
1-Butene	2.321	34.3	ug/l	522016	1	7.973	760670	50.0
1-Propene, 2-me...	2.568	6.5	ug/l	99057	1	7.973	760670	50.0
Butane, 2-methyl-	3.038	5.4	ug/l	81574	1	7.973	760670	50.0
1-Pentene	3.321	6.9	ug/l	105165	1	7.973	760670	50.0
2-Pentene	3.420	12.0	ug/l	182781	1	7.973	760670	50.0