LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

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\82D091622S.M
Title : SW846 8260

Signal : TIC: VD074370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	17	24	33	rBV	172412	272034	100.00%	19.951%
2	2.275	113	117	121	rVB2	2412	3348	1.23%	0.246%
3	2.928	222	228	236	rBV2	9895	20949	7.70%	1.536%
4	3.293	283	290	296	rVB2	3628	7148	2.63%	0.524%
5	4.017	407	413	425	rVB	9155	20955	7.70%	1.537%
6	4.793	532	545	551	rBV6	6865	25978	9.55%	1.905%
7	5.328	626	636	647	rVB3	3935	12657	4.65%	0.928%
8	6.775	877	882	889	rVB4	2254	5079	1.87%	0.373%
9	6.887	892	901	910	rBV4	5744	14924	5.49%	1.095%
10	7.081	927	934	941	rBV4	2434	6129	2.25%	0.450%
11	7.805	1048	1057	1063	rBV3	23359	56518	20.78%	4.145%
12	7.875	1063	1069	1077	rVV3	27767	61992	22.79%	4.547%
13	7.963	1077	1084	1090	rVB4	5745	12918	4.75%	0.947%
14	8.081	1100	1104	1111	rVB3	3712	7400	2.72%	0.543%
15	8.234	1121	1130	1139	rBV3	35249	87345	32.11%	6.406%
16	8.328	1139	1146	1154	rVV2	12220	30319	11.15%	2.224%
17	8.410	1154	1160	1168	rVV2	8251	21416	7.87%	1.571%
18	8.505	1171	1176	1182	rVB3	1332	2812	1.03%	0.206%
19	8.775	1213	1222	1232	rBV2	50480	100480	36.94%	7.369%
20	9.240	1294	1301	1302	rBV2	2338	3506	1.29%	0.257%
21	9.275	1302	1307	1312	rVV4	5913	10702	3.93%	0.785%
22	9.328	1312	1316	1321	rVB3	1752	2804	1.03%	0.206%
23	9.704	1375	1380	1387	rVB5	6664	13090	4.81%	0.960%
24	9.840	1395	1403	1408	rVB4	8505	17441	6.41%	1.279%
25	10.034	1428	1436	1437	rBV4	5676	10161	3.74%	0.745%
26	10.063	1437	1441	1449	rVB3	10584	18756	6.89%	1.376%
27	10.146	1451	1455	1460	rBV4	2219	4364	1.60%	0.320%
28	10.199	1460	1464	1468	rVB3	2913	4653	1.71%	0.341%
29	10.269	1468	1476	1482	rBV	66745	121254	44.57%	8.893%
30	10.381	1490	1495	1501	rVB2	10552	18183	6.68%	1.334%
31	10.687	1545	1547	1554	rVB4	1984	3429	1.26%	0.251%
32	11.451	1673	1677	1684	rVB3	3048	4719	1.73%	0.346%
33	11.575	1692	1698	1707	rBV	82428	141791	52.12%	10.399%
34	11.681	1710	1716	1723	rBV	10359	16997	6.25%	1.247%
35	12.569	1861	1867	1873	rBV	53704	88059	32.37%	6.458%
36	13.510	2021	2027	2035	rBV	72623	113170	41.60%	8.300%

LSC Area Percent Report

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Data File : VD074370.D
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Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

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\82D091622S.M
Title : SW846 8260

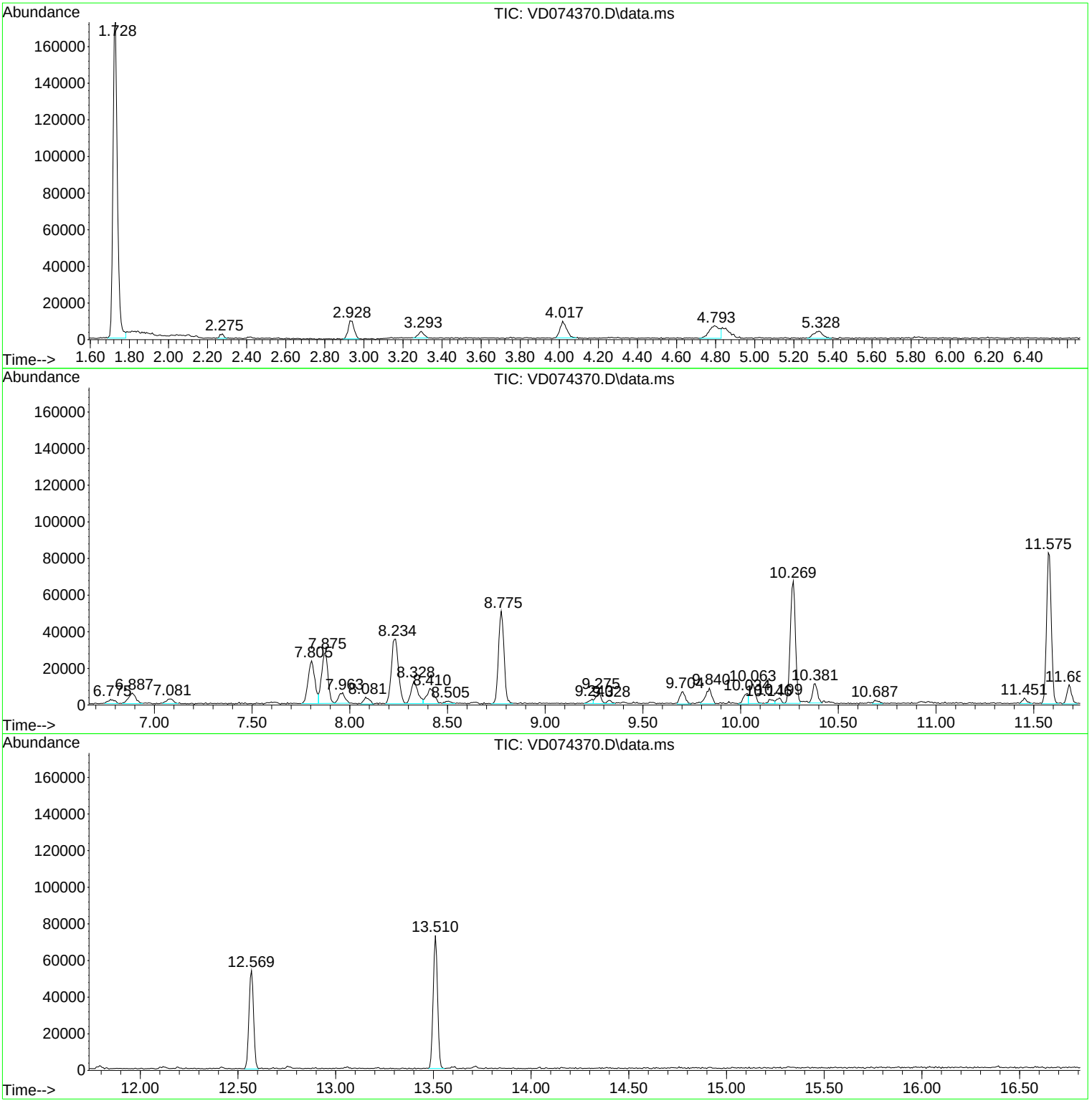
Sum of corrected areas: 1363480

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

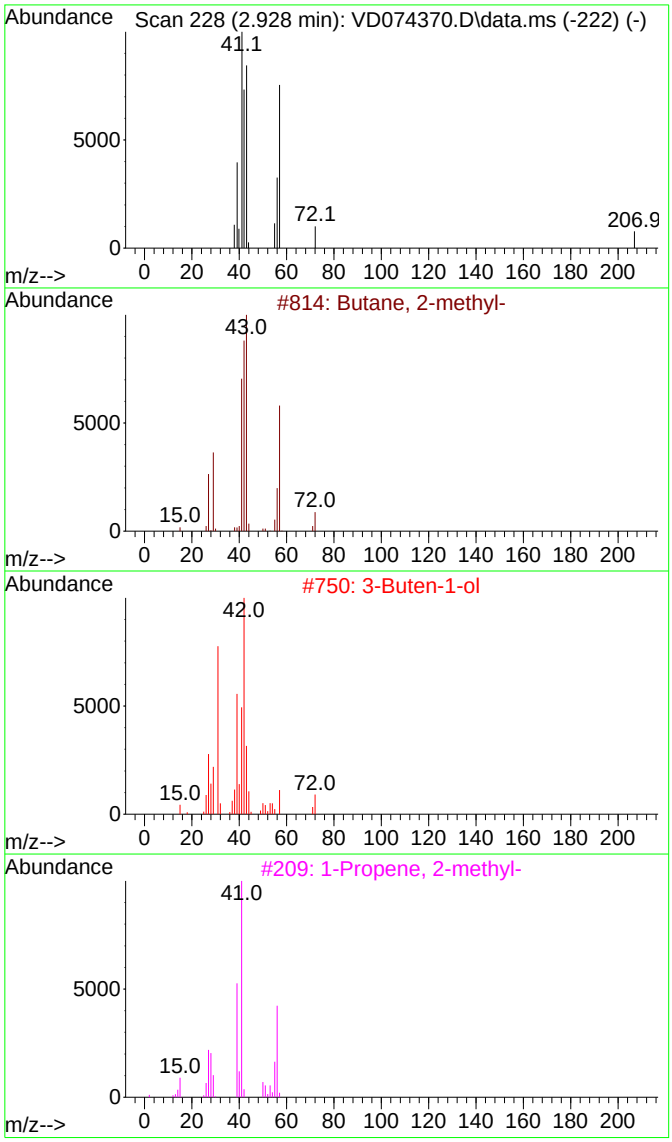
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

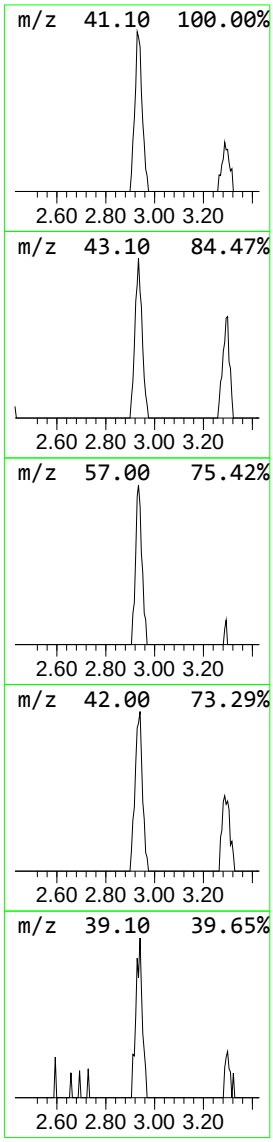
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.928	16.90 ug/l	20949	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	59
2	3-Buten-1-ol	72	C4H8O	000627-27-0	33
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	16
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	9
5	Acetic acid, butoxyhydroxy-, but...	204	C10H20O4	068575-73-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

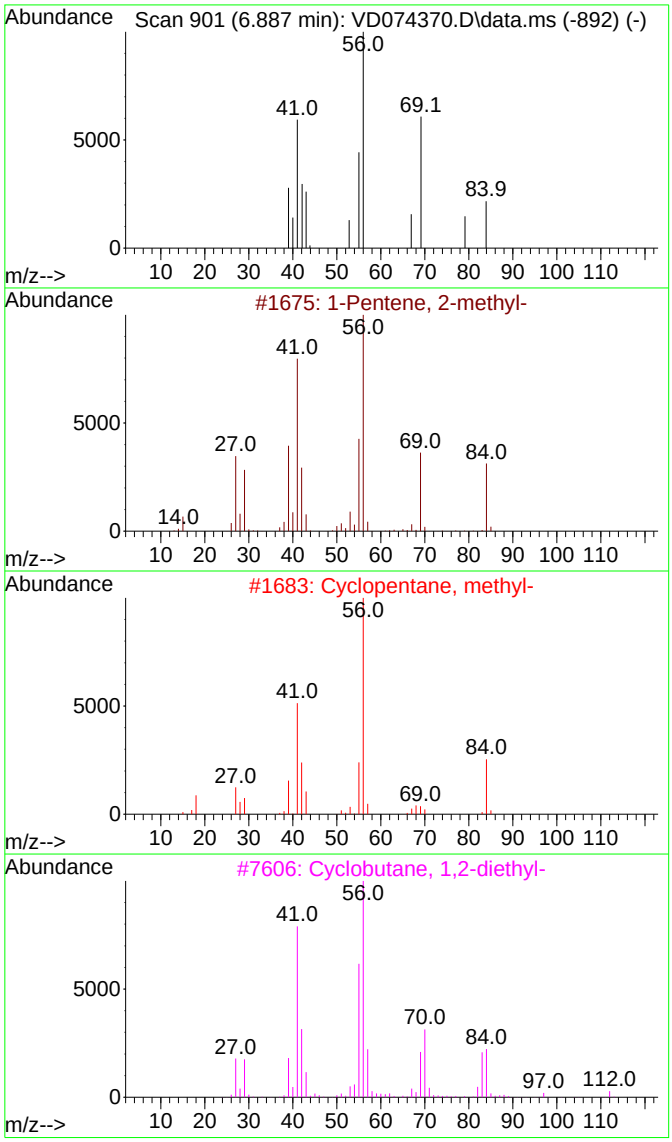
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

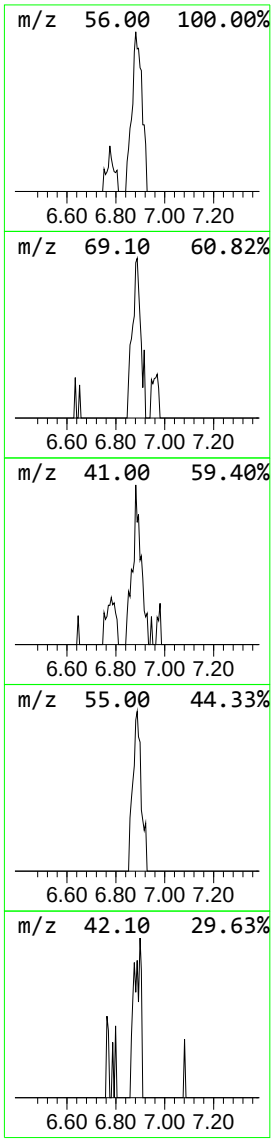
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	12.04 ug/l	14924	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
3	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	50
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	45
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

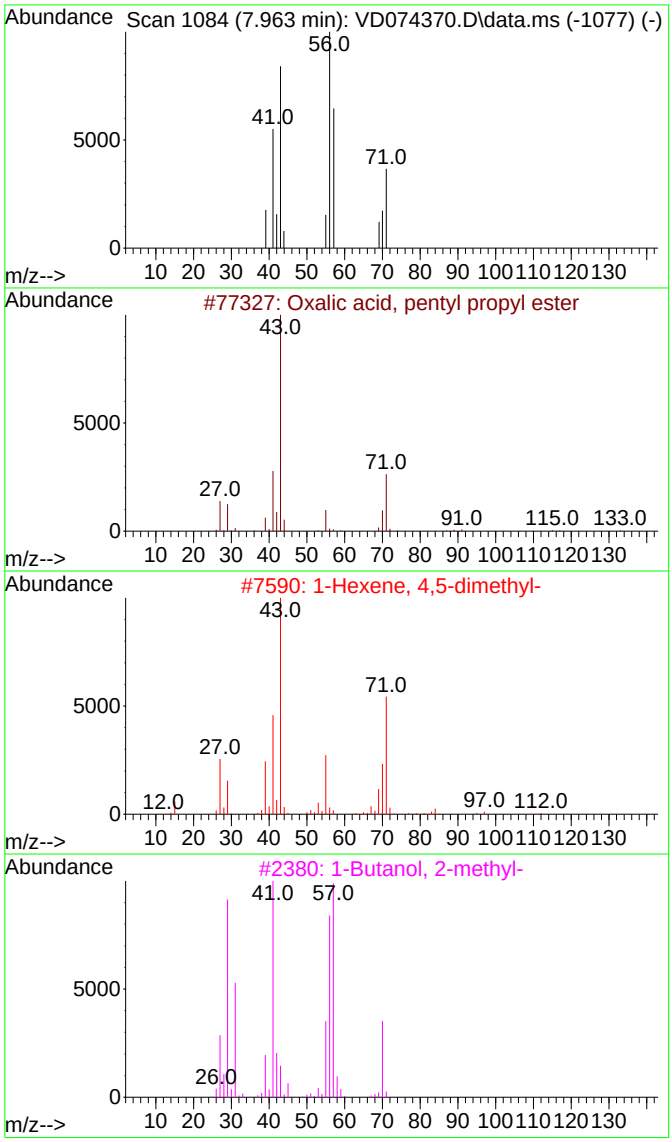
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

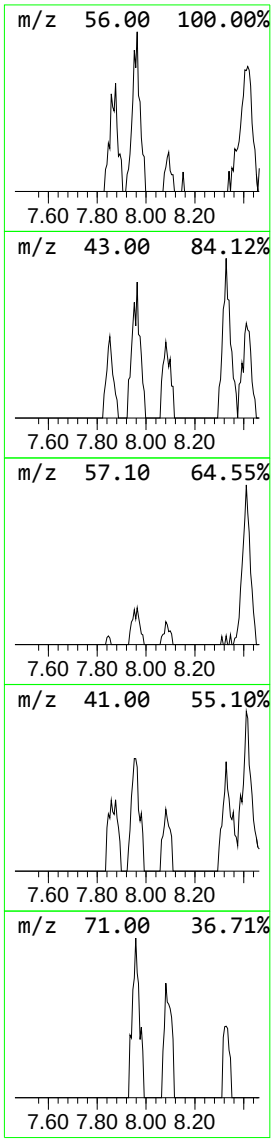
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown7.963 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.963	10.42 ug/l	12918	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	12
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	12
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	9
4	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	9
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

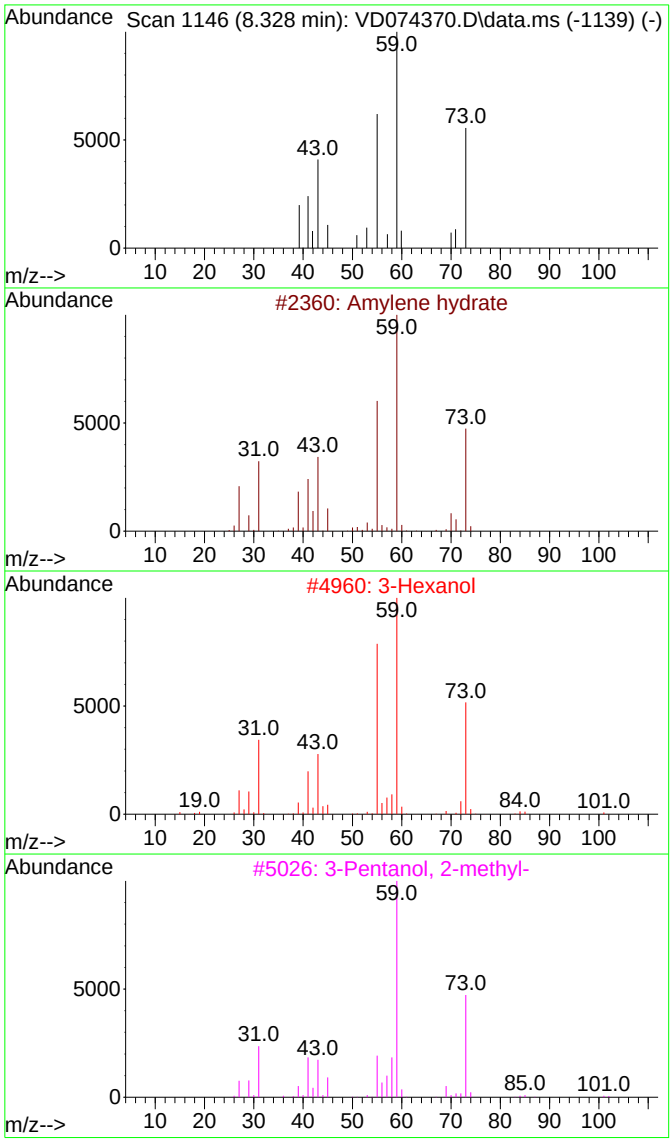
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

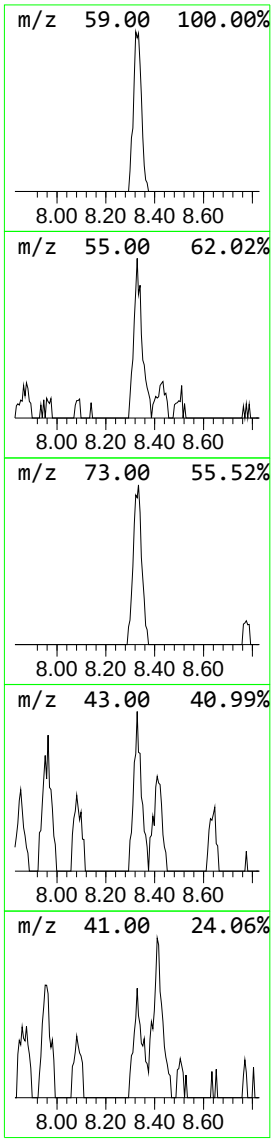
****

Peak Number 7 Amylene hydrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	15.09 ug/l	30319	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	72
2	3-Hexanol	102	C6H14O	000623-37-0	9
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	2,3-Epoxyhexanol	116	C6H12O2	090528-63-5	9
5	Acetamide	59	C2H5NO	000060-35-5	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

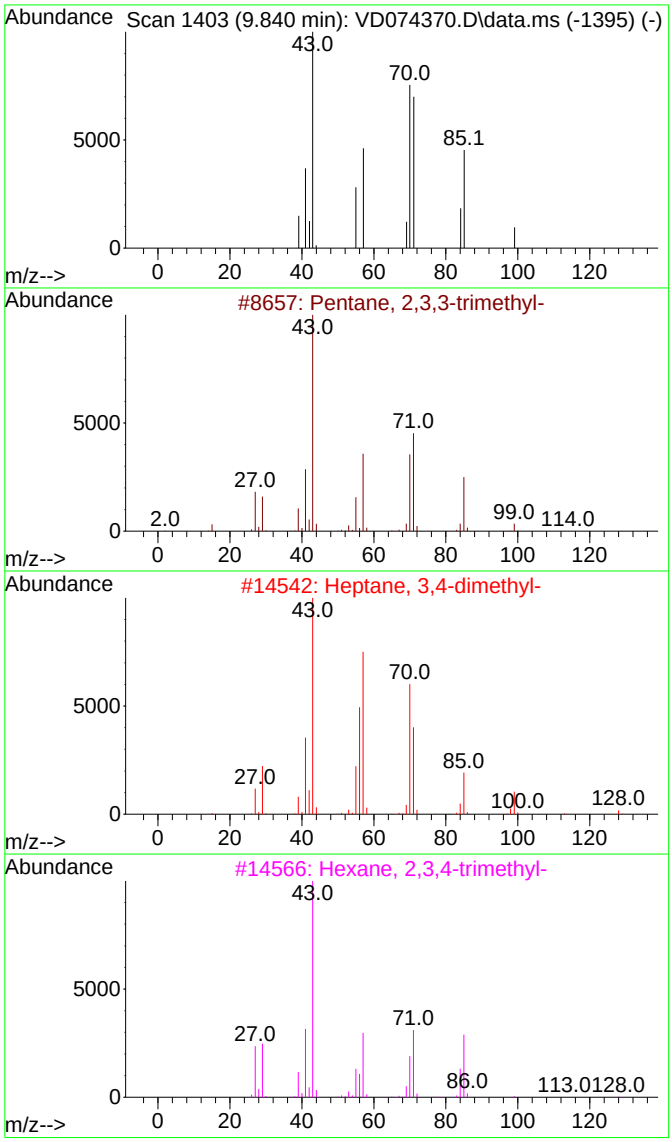
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

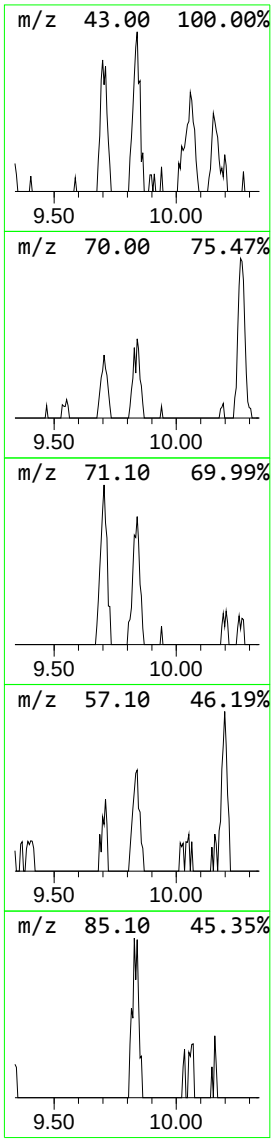
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.840	8.68 ug/l	17441	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
4	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	47
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	42





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

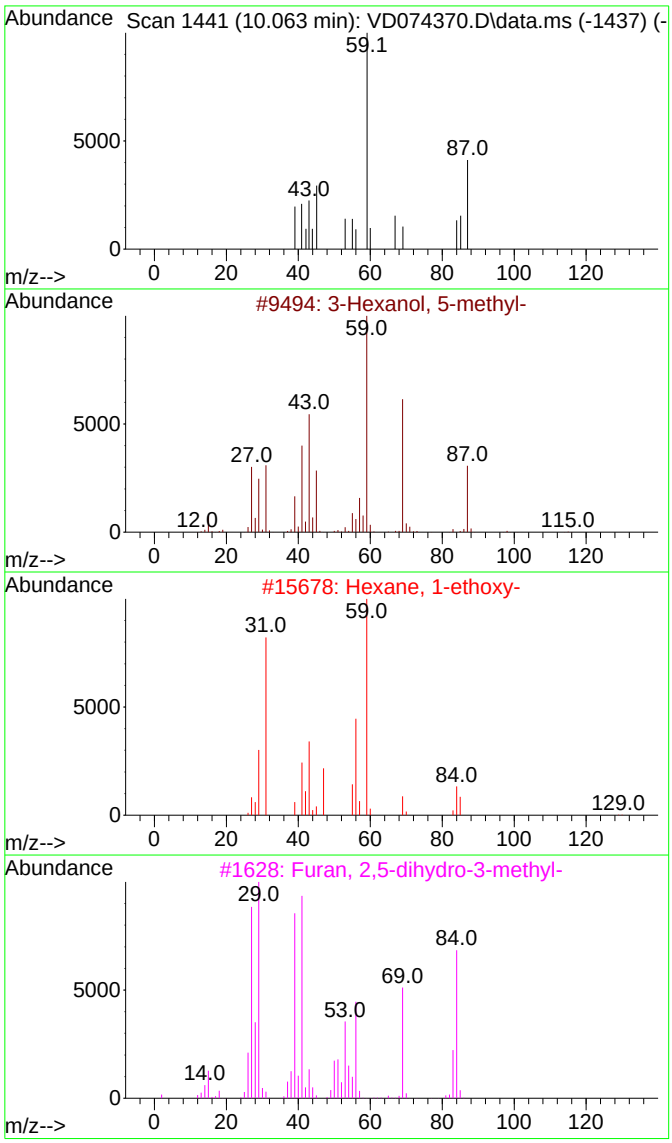
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260

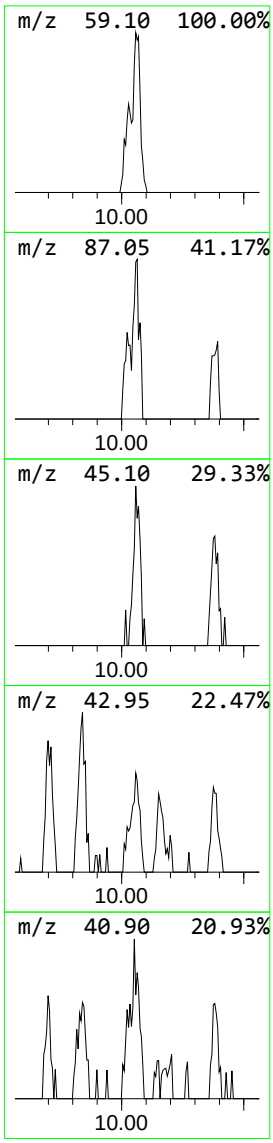
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown10.063 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	9.33 ug/l	18756	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	36
2	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	25
3	Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	10
4	Propylamine	59	C3H9N	000107-10-8	9
5	1-Pentanamine	87	C5H13N	000110-58-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
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Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.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-	2.928	16.9	ug/l	20949	1	7.875	61992	50.0
1-Pentene, 2-me...	6.887	12.0	ug/l	14924	1	7.875	61992	50.0
unknown7.963	7.963	10.4	ug/l	12918	1	7.875	61992	50.0
Amylene hydrate	8.328	15.1	ug/l	30319	2	8.775	100480	50.0
Pentane, 2,3,3-...	9.840	8.7	ug/l	17441	2	8.775	100480	50.0
unknown10.063	10.063	9.3	ug/l	18756	2	8.775	100480	50.0