LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

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_N\METHODS\82N042219W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.821	623	637	653	rBV2	11206	32514	1.08%	0.168%
2	4.551	844	864	881	rBV4	34572	103952	3.45%	0.538%
3	7.593	1790	1810	1821	rBV2	273931	691941	22.99%	3.578%
4	7.667	1821	1833	1854	rVB	447286	1068266	35.50%	5.525%
5	8.027	1928	1945	1972	rBV	305487	724282	24.07%	3.746%
6	8.175	1977	1991	1992	rBV3	23269	33551	1.11%	0.174%
7	8.586	2104	2119	2159	rBV	705266	1533356	50.96%	7.930%
8	9.043	2250	2261	2275	rBV3	15055	31730	1.05%	0.164%
9	9.188	2292	2306	2317	rBV3	25816	57089	1.90%	0.295%
10	9.268	2317	2331	2364	rBV	1619764	3009188	100.00%	15.562%
11	9.905	2515	2529	2545	rBV	381785	675150	22.44%	3.492%
12	10.091	2573	2587	2613	rBV	1073622	2101918	69.85%	10.870%
13	10.281	2636	2646	2661	rVB2	41526	71258	2.37%	0.369%
14	10.545	2715	2728	2744	rBV	272879	464533	15.44%	2.402%
15	10.638	2747	2757	2772	rVV3	87526	155549	5.17%	0.804%
16	10.721	2773	2783	2785	rVV	26178	35921	1.19%	0.186%
17	10.763	2785	2796	2815	rVV	1278871	2119145	70.42%	10.959%
18	10.853	2815	2824	2849	rVB2	93440	167586	5.57%	0.867%
19	11.168	2907	2922	2944	rBV	1225065	1962903	65.23%	10.151%
20	11.406	2981	2996	3021	rVB	993620	1789939	59.48%	9.257%
21	11.876	3131	3142	3157	rBV	56829	92050	3.06%	0.476%
22	12.400	3292	3305	3325	rBV	717694	1239039	41.18%	6.408%
23	13.342	3582	3598	3616	rBV	667457	1140633	37.91%	5.899%
24	14.583	3973	3984	3998	rBV5	16825	34993	1.16%	0.181%

Sum of corrected areas: 19336486

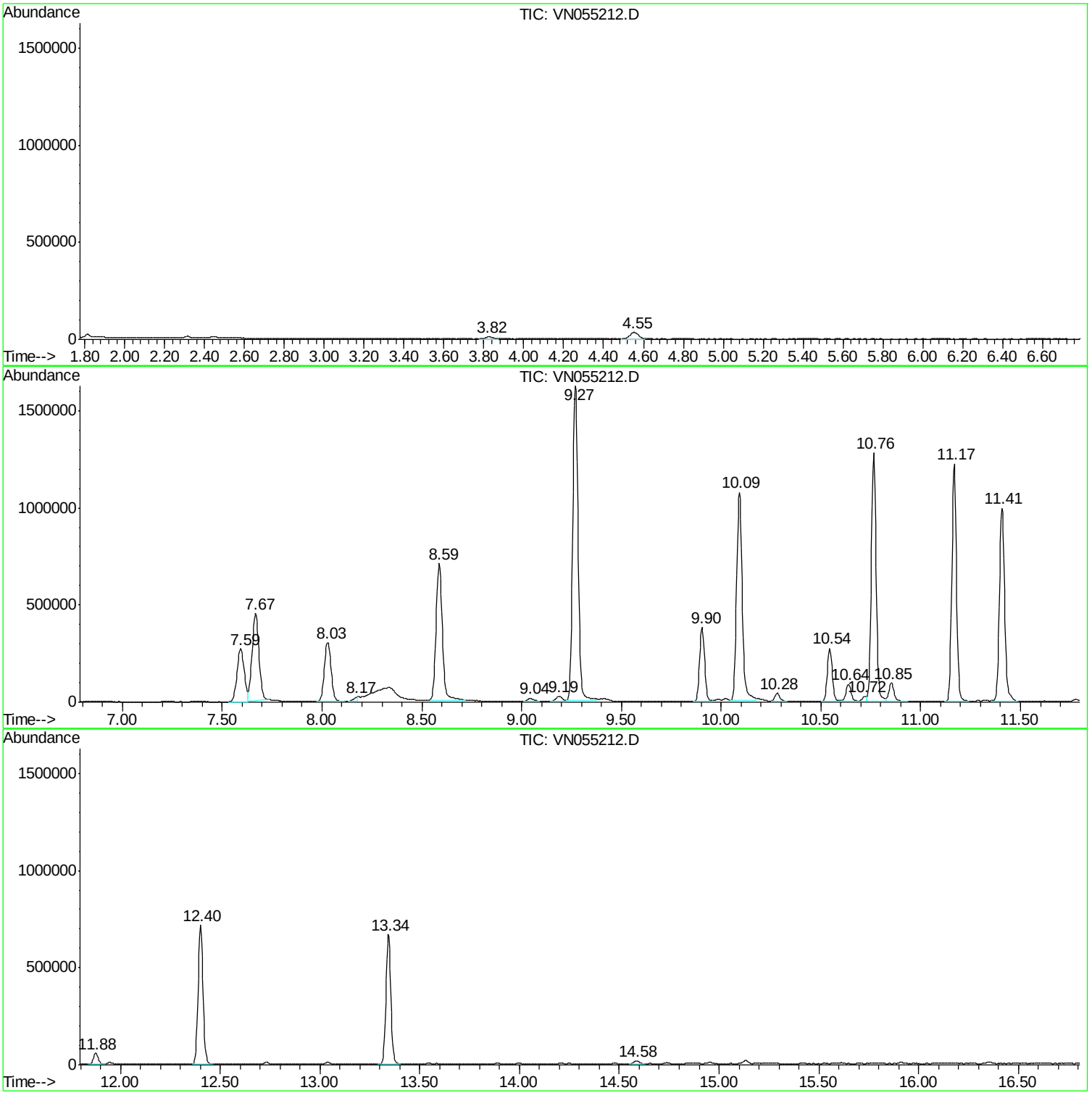
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

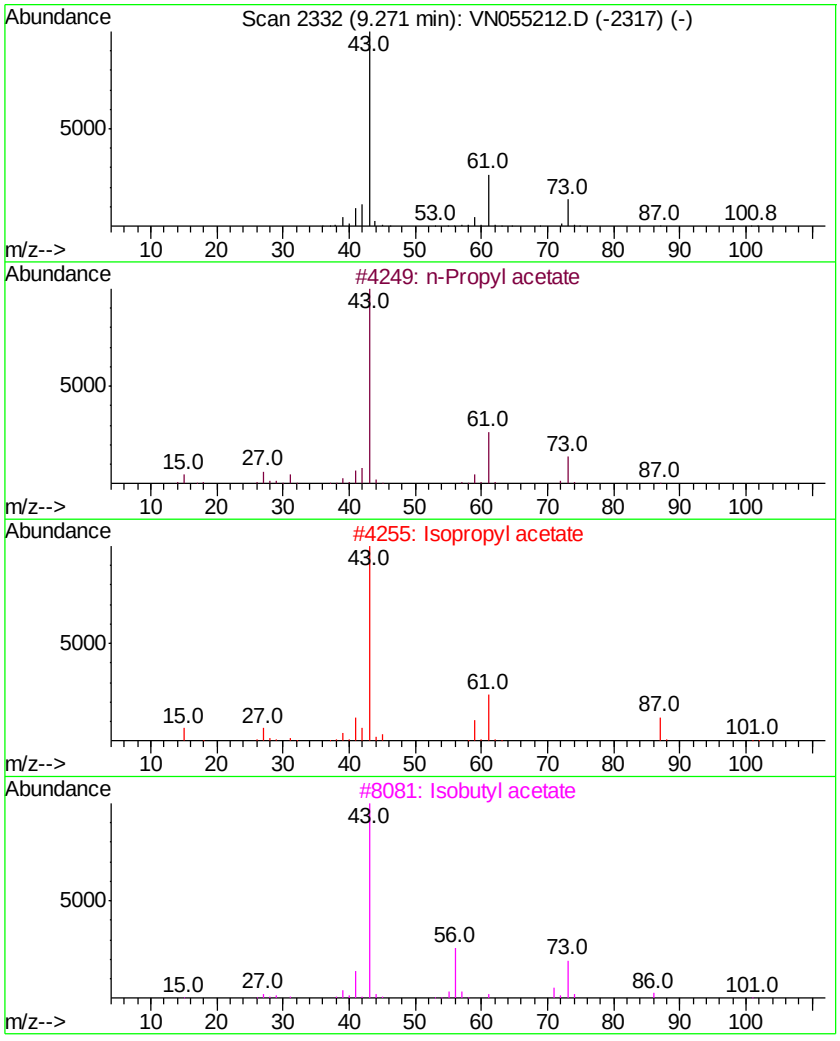
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

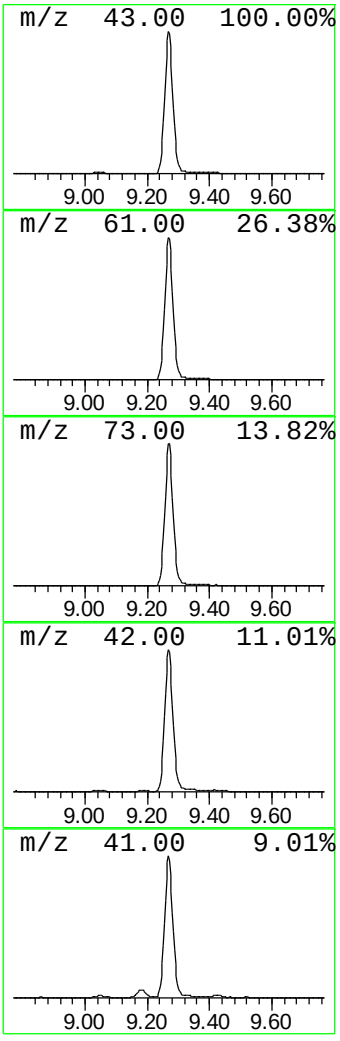
****

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	98.12 ug/l	3009190	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	38
3	Isobutyl acetate	116	C6H12O2	000110-19-0	9
4	Isobutylamine	73	C4H11N	000078-81-9	7
5	1-Butanamine	73	C4H11N	000109-73-9	7





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

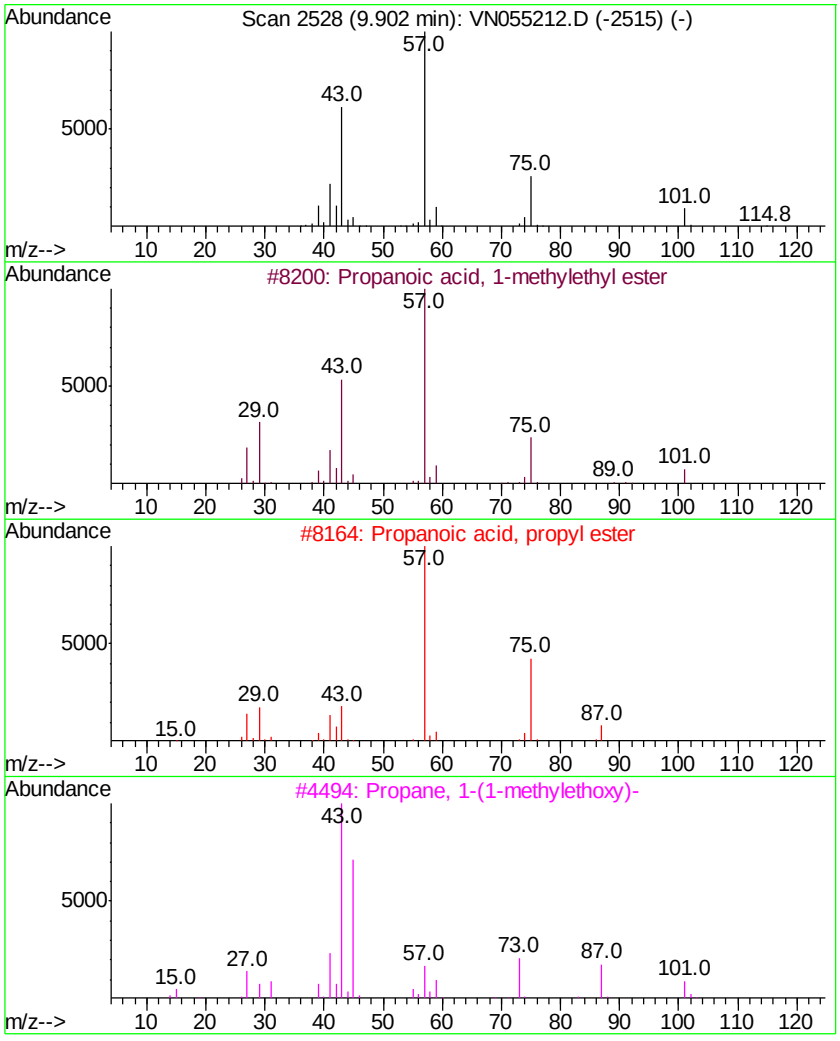
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

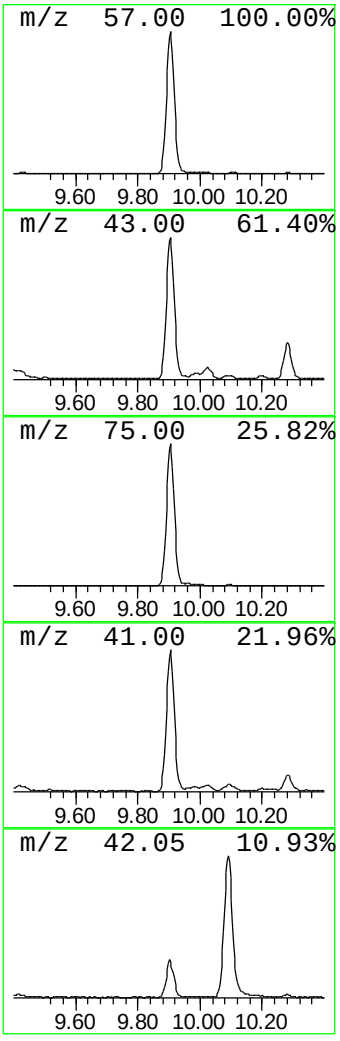
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	22.02 ug/l	675150	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
3	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	25
4	Azetidine	57	C3H7N	000503-29-7	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

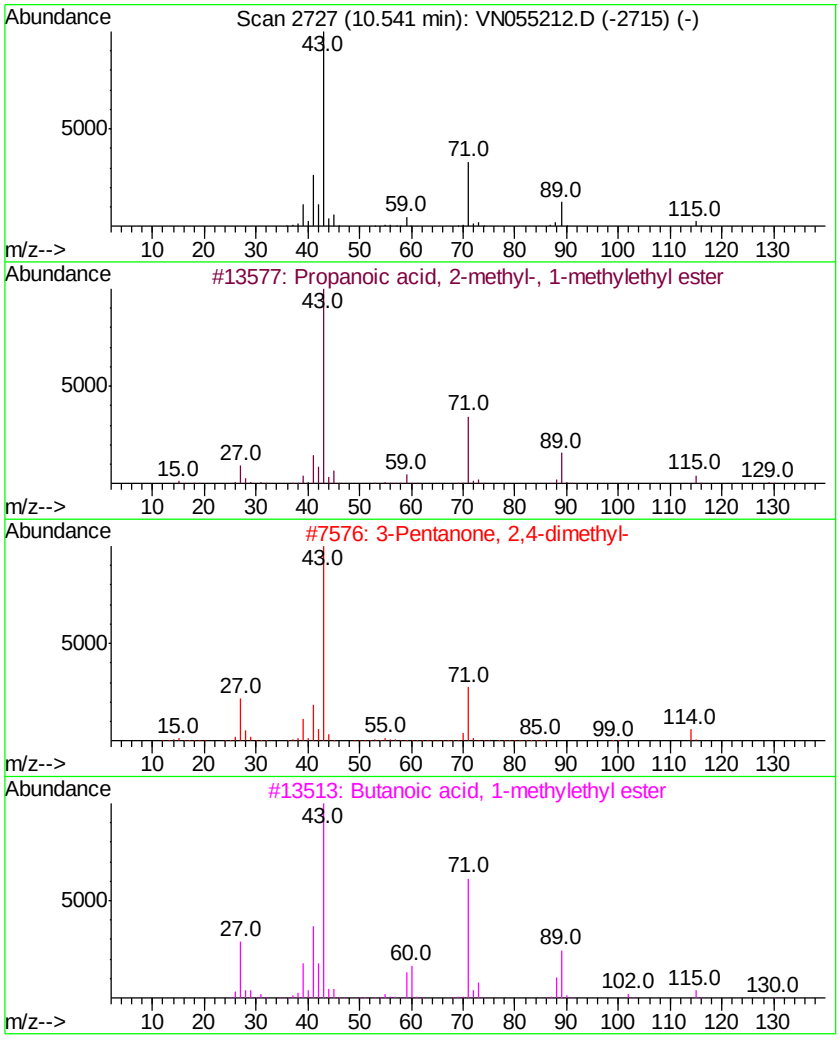
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

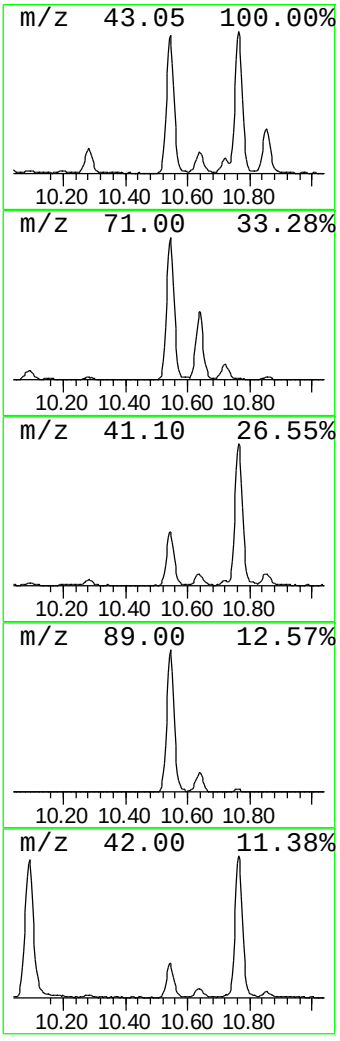
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	12.98 ug/l	464533	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	40
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	38
4	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	33
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

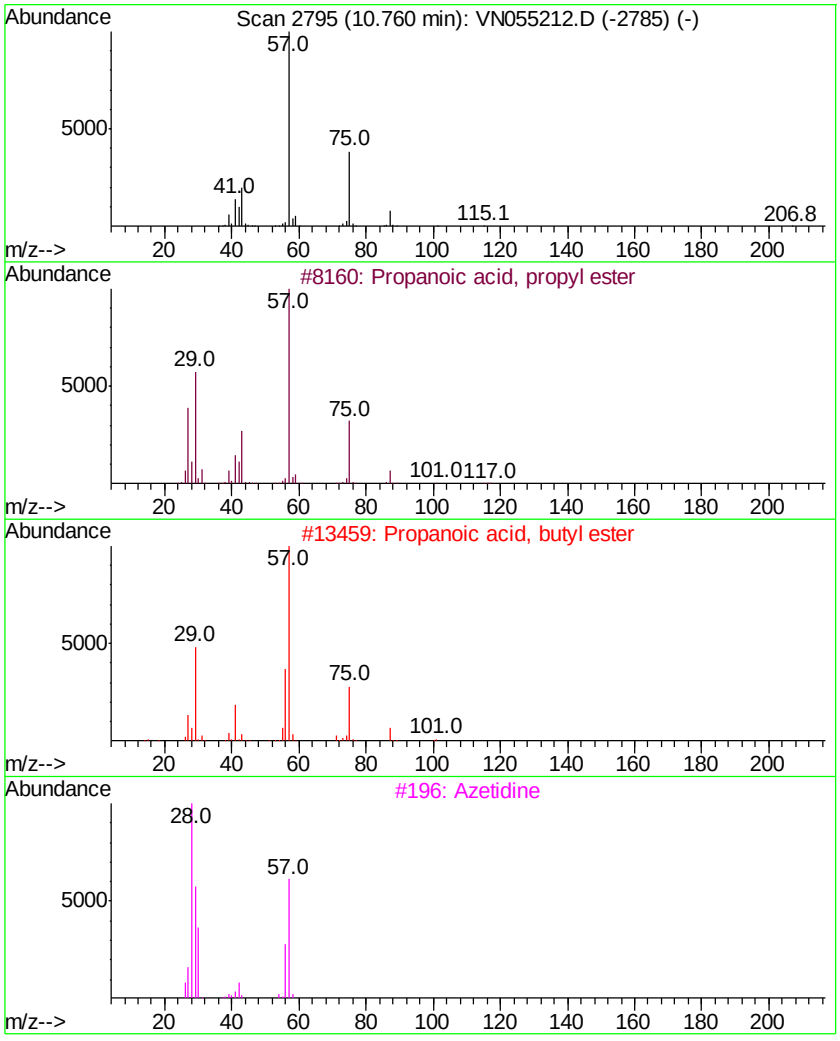
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

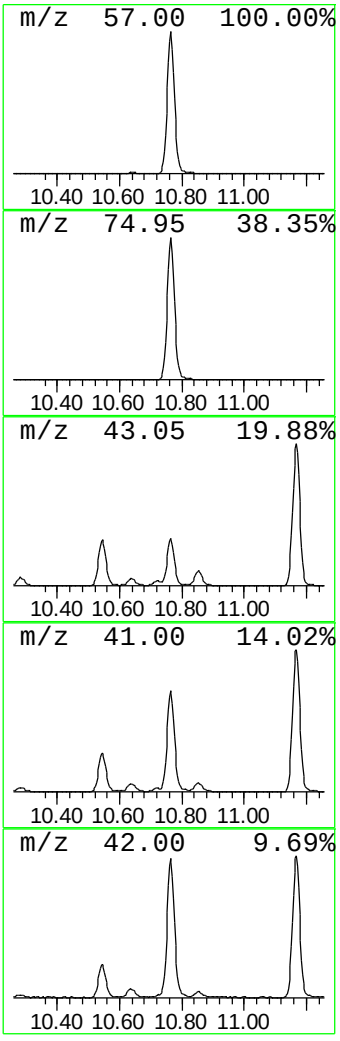
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	59.20 ug/l	2119150	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38
3	Azetidine	57	C3H7N	000503-29-7	9
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

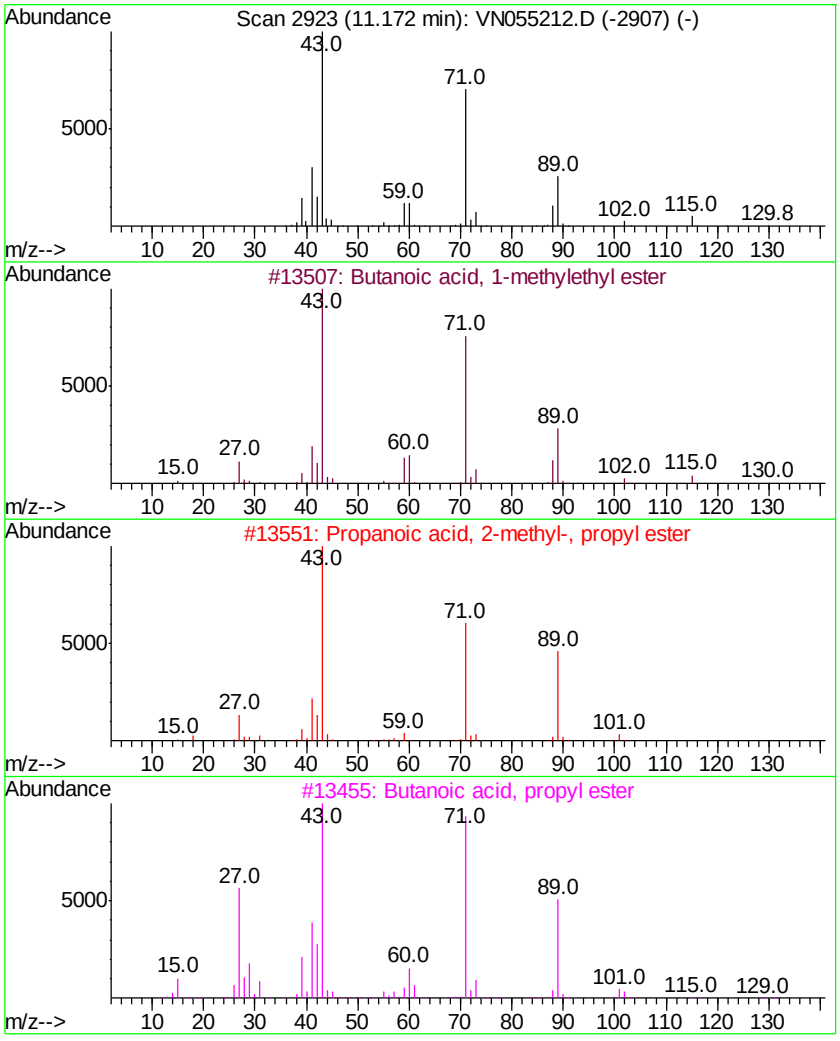
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

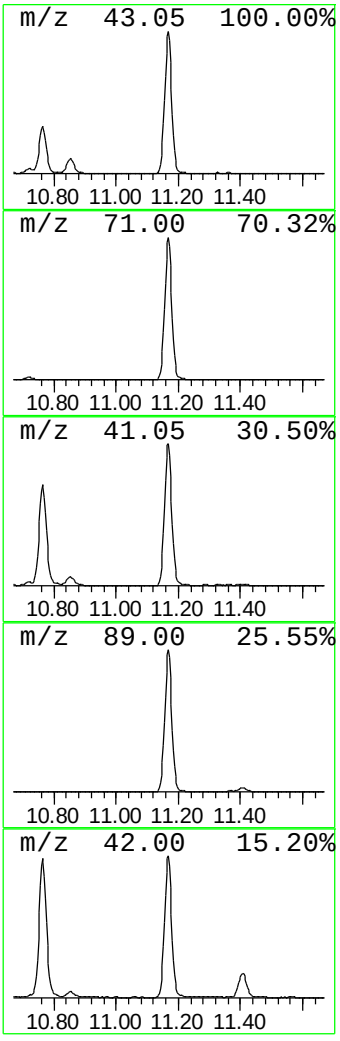
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	54.83 ug/l	1962900	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	59
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	59
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055212.D
Acq On : 23 Apr 2019 17:45
Operator : JC/SP
Sample : K2526-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	9.27	98.1	ug/l	3009190	2	8.59	1533360	50.0
Propanoic acid, 1...	9.90	22.0	ug/l	675150	2	8.59	1533360	50.0
Propanoic acid, 2...	10.54	13.0	ug/l	464533	3	11.41	1789940	50.0
Propanoic acid, p...	10.76	59.2	ug/l	2119150	3	11.41	1789940	50.0
Butanoic acid, 1-...	11.17	54.8	ug/l	1962900	3	11.41	1789940	50.0